

Spring Semester 2014

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

Registration Start Dates for Spring 2014

Veterinary Medicine students:	Wednesday, October 23
Graduate students:	Wednesday, October 23-Friday October 25
All seniors:	Thursday, October 24-Wednesday, October 30
Projected juniors:	Thursday, October 31-Wednesday, November 6
Projected sophomores:	Thursday, November 7-Wednesday, November 13
Continuing freshmen:	Thursday, November 14-Wednesday, November 20

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

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 2014 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 2014 Courses

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

Table of Contents for Courses

Spring Semester Courses

Page			
29	Accounting (ACCT)	90	Design Studies (DSN S)
30	Advertising (ADVRT)	93	Dietetics (DIET)
30	Aerospace Engineering (AER E)	93	Ecology & Evolutionary Biology (EEB)
33	African American Studies (AF AM)	94	Ecology, Evolution & Organismal Biology (EEOB)
33	Agricultural Education & Studies (AGEDS)	94	Economics (ECON)
35	Agricultural Engineering (A E)	96	Educational Administration (EDADM)
37	Agronomy (AGRON)	96	Educational Leadership & Policy Studies (EL PS)
40	Air Force Aerospace Studies (AFAS)	96	Electrical Engineering (E E)
41	American Indian Studies (AM IN)	100	Engineering (ENGR)
41	Animal Ecology (A ECL)	100	Engineering Mechanics (E M)
42	Animal Science (AN S)	102	English (ENGL)
45	Anthropology (ANTHR)	111	Entomology (ENT)
46	Apparel, Ed Studies & Hospitality (AESHM)	111	Environmental Science (ENSCI)
48	Apparel, Merchandising, and Design (A M D)	113	Environmental Studies (ENV S)
51	Arabic (ARABC)	114	Event Management (EVENT)
51	Architecture (ARCH)	114	Family & Consumer Sciences Education & Studies (FCEDS)
52	Art & Design (ART)	114	Family & Financial Planning (FFP)
53	Art Education (ARTED)	115	Finance (FIN)
53	Art History (ART H)	117	Food Science & Human Nutrition (FS HN)
53	Astronomy & Astrophysics (ASTRO)	120	Forestry (FOR)
54	Athletic Training (A TH)	121	French (FRNCH)
54	Athletics (ATH)	121	Genetics (GEN)
55	Biochemistry, Biophysics, & Molecular Biology (BBMB)	121	Genetics - Interdisciplinary (GENET)
56	Bioengineering (BIOE)	122	Genetics, Development & Cell Biology (GDCB)
56	Bioinformatics & Computational Biol. (BCBBIO)	122	Geology (GEOL)
57	Bioinformatics & Computational Biology (BCB)	124	German (GER)
57	Biological Systems Engineering (BSE)	124	Gerontology (GERON)
57	Biological/Pre-Medical Illustration (BPM I)	125	Global Resource System (GLOBE)
57	Biology (BIOL)	126	Graduate Studies (GR ST)
60	Biomedical Sciences (B M)	126	Graphic Design (ARTGR)
62	Biorenewable Chemical (BR C)	128	Greek (GREEK)
62	Biorenewable Resources & Technology (BRT)	128	Health Studies (H S)
62	Business Administration (BUSAD)	128	Higher Education (HG ED)
63	Chemical Engineering (CH E)	129	Historical, Philosophical, & Comparative Education (H P C)
64	Chemistry (CHEM)	129	History (HIST)
71	Chinese (CHIN)	131	Honors (HON)
71	Civil Engineering (C E)	131	Horticulture (HORT)
74	Classical Studies (CL ST)	133	Hotel, Restaurant, & Institution Management (HRI)
74	Communication Disorders (CMDIS)	134	Human Computer Interaction (HCI)
75	Communication Studies (COMST)	135	Human Development & Family Studies (HD FS)
74	Community & Regional Planning (C R P)	138	Human Sciences (H SCI)
76	Community Development (C DEV)	139	Immunobiology (IMBIO)
77	Community Leadership & Public Service (CL PS)	139	Industrial Design (IND D)
77	Computer Engineering (CPR E)	139	Industrial Engineering (I E)
79	Computer Science (COM S)	141	Information Assurance (INFAS)
82	Construction Engineering (CON E)	141	Integrated Studio Arts (ARTIS)
83	Criminal Justice Studies (CJ ST)	145	Interdisciplinary Graduate Studies (IGS)
83	Curriculum & Instruction (C I)	145	Interior Design (ARTID)
83	Dance (DANCE)	146	International Studies (INTST)
89	Design (DES)	146	Journalism & Mass Communication (JL MC)
		148	Kinesiology (KIN)
		151	Landscape Architecture (L A)
		146	Latin (LATIN)
		153	Learning Team (L TM)
		154	Liberal Arts & Sciences (LAS)
		154	Library (LIB)
		155	Linguistics (LING)
		156	Management (MGMT)
		157	Management Information Systems (MIS)
		158	Marketing (MKT)
		159	Materials Engineering (MAT E)
		160	Materials Science & Engineering (M S E)
		161	Mathematics (MATH)
		166	Mechanical Engineering (M E)
		169	Meteorology (MTEOR)
		170	Microbiology (MICRO)
		172	Military Science (M S)
		172	Molecular, Cellular, Developmental Biology (MCDB)
		172	Music (MUSIC)
		176	Natural Resource Ecology & Management (NREM)
		178	Naval Science (N S)
		178	Neuroscience (NEURO)
		178	Nuclear Engineering (NUC E)
		178	Nutritional Sciences (NUTRS)
		179	Organization for Tropical Studies (OTS)
		179	Performing Arts (PERF)
		179	Philosophy (PHIL)
		180	Physics (PHYS)
		185	Plant Biology (PLBIO)
		185	Plant Pathology (PL P)
		185	Political Science (POL S)
		188	Psychology (PSYCH)
		191	Religious Studies (RELIG)
		191	Research & Evaluation (RESEV)
		192	Russian (RUS)
		192	Seed Technology & Business (STB)
		192	Sociology (SOC)
		193	Software Engineering (S E)
		194	Spanish (SPAN)
		195	Special Education (SP ED)
		196	Speech Communication (SP CM)
		197	Statistics (STAT)
		201	Supply Chain Management (SCM)
		201	Sustainable Agriculture (SUSAG)
		201	Technology & Social Change (T SC)
		203	Technology Systems Management (TSM)
		203	Theatre (THTRE)
		204	Toxicology (TOX)
		204	Transportation (TRANS)
		204	University Studies (U ST)
		205	Veterinary Diagnostic & Production Animal Medicine (VDPAM)
		207	Veterinary Clinical Sciences (V C S)
		209	Veterinary Microbiology & Preventive Medicine (V MPM)
		209	Veterinary Pathology (V PTH)
		210	Women's Studies (W S)
		211	World Languages & Cultures (WLC)
		212	Youth (YTH)

Key Dates, Deadlines, Information

AccessPlus Registration

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

Academic Probation

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

Auditing Courses

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

Emergency Contact List

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

Fee Payment Deadlines

Fee payment deadlines for Spring 2014 are January 20, February 20, and March 20 for deferred billing. A \$20 deferred billing charge is assessed. Contact Accounts Receivables for information.

Graduation Information

If 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 2. To find a map of class room locations go to the ISU index under Classroom abbreviations.

Schedule Changes

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

Student Answer Center

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

University Calendar Spring 2014

Jan. 1, Wed.	<ul style="list-style-type: none"> • University holiday- offices closed 	Feb. 14, 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. 27 count toward total allowable P/NP credits used for graduation. • Last day to file a Designation of Repeated Course form for a first half-semester course that is not an automatic designated repeat.
Jan 2, Thurs.	<ul style="list-style-type: none"> • University bills with Spring 2014 tuition and fees charges available on AccessPlus http://accessplus.iastate.edu 		
Jan. 10, 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. 12, without a late registration fee. • Last day to cancel registration by contacting the Office of the Registrar by 5 p.m. Registration may be cancelled via AccessPlus without tuition assessment until 11 p.m. Jan. 12. 	Feb. 18, Tues.	<ul style="list-style-type: none"> • Last day to change degree audit information for spring.
Jan. 12, 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, Thurs.	<ul style="list-style-type: none"> • Fee payment deadline, spring. Second payment (minimum due).
Jan. 13, Mon.	<ul style="list-style-type: none"> • Class work begins. • Schedule changes processed through AccessPlus registration or in 10 Enrollment Services Center. 	Feb. 22, Sat	<ul style="list-style-type: none"> • Schedule of Classes for Fall 2014 available for viewing on the Web at http://classes.iastate.edu/
Jan. 17, 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 2014 are due in the Graduate College, 1137 Pearson Hall. 	Feb. 25, Tues.	<ul style="list-style-type: none"> • Registration Authorization Cards for Summer 2014 and Fall 2014 registration distributed to colleges, if applicable.
		March 3, Mon.	<ul style="list-style-type: none"> • Deadline for submitting approved, new experimental course announcement forms (with all signatures) for Summer 2014 to the Registrar's Student Scheduling Office, 10 Enrollment Services Center. • Textbook & Supply requisitions for summer classes due to University Bookstore.
		March 7, Fri. 2:15 p.m	<ul style="list-style-type: none"> • Midterm grade reports due from all departments on WebCT, Blackboard and AccessPlus.
		March 7, Fri.	<ul style="list-style-type: none"> • First half-semester courses end.
		March 10, Mon.	<ul style="list-style-type: none"> • Second half-semester courses begin. • Advising period for Summer and Fall 2014 registration begins.
		March 14, 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. • Seniors graduating Summer 2014 or Fall 2014 should submit a Graduation Application to the Registrar's Graduation Office, 210 Enrollment Services Center, after registering for final course work. Applications are available from advisers or the Registrar's Graduation Office, 210 Enrollment Services Center, or via www.iastate.edu/~registrar/graduation
Jan. 18, 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 17-21, Mon.-Fri.	<ul style="list-style-type: none"> • Spring break, classes recessed.
Jan. 20, Mon.	<ul style="list-style-type: none"> • University holiday—offices closed, classes recessed. • Fee payment deadline for spring. First payment (minimum due) or payment in full. 	March 20, Thurs.	<ul style="list-style-type: none"> • Fee payment deadline, spring semester. Final payment due. • Last day for departments to make Summer or Fall 2014 course offering changes before registration begins (Room Scheduling must approve course limits of 35 and greater).
Jan. 27, 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. 		
Jan. 28, Tues.	<ul style="list-style-type: none"> • Fall Semester 2014 Schedule of Classes proof copy due in Registrar's Office, with or without changes 		

University Calendar Spring 2014

March 24, Mon.	<ul style="list-style-type: none"> • Registration period for Summer 2014 and Fall 2014 begins. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. • First day of assigned Summer 2014 and Fall 2014 registration dates for students in the College of Veterinary Medicine and students in the Graduate College. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	April 24, Thurs.	<ul style="list-style-type: none"> • Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review.
March 25 Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2014 and Fall 2014 registration dates for students projected as seniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	April 26, Sat.,	<ul style="list-style-type: none"> • Summer 2014 course enrollment tally by college and year printed for departmental distribution. • Room assignments for Summer 2014 courses displayed in the online Schedule of Classes. • Beginning summer class lists available on AccessPlus.
March 28 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. 27 count toward total allowable P/NP credits used for graduation. • Last day to file a Designation of Repeated Course form for a full-semester or second half-semester course that is not an automatic designated repeat. • Last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee. 	April 30, Wed	<ul style="list-style-type: none"> • End of term textbook buyback begins at University Bookstore.
March 31, Mon.	<ul style="list-style-type: none"> • Preliminary room assignments for Summer 2014 distributed to departments from Room Scheduling. 	May 1, Thurs.	<ul style="list-style-type: none"> • University bills with Summer 2014 tuition and fees charges available on AccessPlus at http://accessplus.iastate.edu
April 1 Tues	<ul style="list-style-type: none"> • First day of assigned Summer 2014 and Fall 2014 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	May 5-May 9, Mon.-Fri.	<ul style="list-style-type: none"> • Final examinations. • Spring semester ends.
April 7, Mon.	<ul style="list-style-type: none"> • Textbook & Supply requisitions for fall classes due to University Bookstore. 	May 9, Fri.	<ul style="list-style-type: none"> • Graduate College applications for graduation for Summer 2014 are due in the Graduate College, 1137 Pearson Hall. • Graduate College Commencement: www.iastate.edu/~registrar/graduation • Undergraduate applications for graduation for Summer 2014 and Fall 2014 are due in the Registrar's Graduation Office, 210 Enrollment Services Center. • Fall 2014 course enrollment tally by college and year printed for departmental distribution.
April 8, Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2014 and Fall 2014 registration dates for students projected as sophomores. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	May 10, Sat.	<ul style="list-style-type: none"> • Undergraduate Commencement: www.iastate.edu/~registrar/graduation
April 10 Thurs.	<ul style="list-style-type: none"> • Preliminary room assignments for Summer 2013, with changes, due back to Room Scheduling from departments. 	May 12, Mon.	<ul style="list-style-type: none"> • Registration Authorization information available for new Fall 2014 freshmen or distributed to Colleges, if applicable.
April 15, Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2014 and Fall 2013 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	May 14, Wed., 2:15 p.m	<ul style="list-style-type: none"> • Final grades due on WebCT, Blackboard and AccessPlus.
April 18, 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 9 count toward total allowable P/NP credits used for graduation. • Graduate College: last day for final oral examinations. • Deadline for Summer 2014, 12-week and Session I course cancellations due to low enrollment. 	May 15, Thurs.	<ul style="list-style-type: none"> • Grade reports available on AccessPlus.
April 21, Mon.	<ul style="list-style-type: none"> • Last day of assigned registration start dates for Summer 2014 and Fall 2014 registration. 		
April 22, Tues.	<ul style="list-style-type: none"> • Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation. • Graduate College last day for final submission of graduate student graduation approval slip. 		

Resources

Admissions www.admissions.iastate.edu

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

College Student Services Offices

Agriculture and Life Sciences20 Curtiss 294-2766
 Business 1200 Gerdin 294-8430
 Design 297 College of Design 294-6983
 Engineering 110 Marston 294-3900
 Graduate College 1137 Pearson 294-4531
 Human Sciences 0131 MacKay 294-6466
 Liberal Arts and Sciences 102 Carrie Chapman Catt Hall 294-1522
 Veterinary Medicine 2540 Veterinary Medicine 294-0772

Financial Aid Office www.financialaid.iastate.edu

General Information 0210 Beardshear 294-2223

ISUCard Office www.adp.iastate.edu/idcard/

ISUCard Office 0530 Beardshear 294-2727

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

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

Registration Hold Contacts

Accounts Receivables Office 0880 Beardshear 294-7388
 Admissions 100 Enrollment Services Center 294-5836
 Dean of Students Office 1010 Student Services Building 294-1021
 Graduate College 1137 Pearson 294-4531
 International Students and Scholars 3248 Memorial Union 294-1120
 Loans Receivable 0880 Beardshear 294-8747
 Memorial Union 214 Memorial Union 294-0993
 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 2013-2014* catalog for specific requirements for admission. Applications are available through the Iowa State University home page, by clicking on “Apply” under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

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
20 Curtiss
294-2766

Business
1200 Gerdin
294-8430

Design
297 College of Design
294-6983

Engineering
202 Marston
294-3900

Graduate College
1137 Pearson
294-4531

Human Sciences
0131 MacKay
294-6466

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

Veterinary Medicine
2540 Vet Med
294-0772

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 information, with RAN, if applicable.

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

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

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

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

Initiating Registration

The last day to initiate a new registration through AccessPlus registration for Spring 2014 is Sunday, January 12th or the Student Scheduling Office in 10 Enrollment Services Center for Spring 2014 is Friday, January 10. A late registration fee is assessed for a registration initiated on or after the first day of classes. See the Tuition and Fees section for the late fee amounts.

Cancelling Registration

Notify the Office of the Registrar by 5 p.m. Friday, January 10, of intent to cancel registration, or drop all classes on AccessPlus by 11 p.m. Sunday, January 12 to avoid tuition assessment. For information and a cancellation form, go to the ISU index under Cancelling Registration.

RAN

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

Registration System Abuse

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

AccessPlus Registration Tips

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

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

Schedule of Classes

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

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

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

Schedule Planner

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

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

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

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

AccessPlus

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

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

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

Schedule changes

Dropping and Adding Courses

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

Schedule change periods are as follows:

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

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

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

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

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

R-Credit Courses (required courses)

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

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

Drop Limit

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

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

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

Validating Enrollment

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

Spring 2014 Fee Schedule

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

Tuition Schedule Per Semester

In effect for Spring 2014. Subject to change without notice. For the latest rates go to: <http://www.registrar.iastate.edu/fees/>.

Full Time Rates	Resident	Nonresident
Undergraduate (12 or more credits)	\$3,324.00	\$9,600.00
Agricultural Systems Technology & Industrial Technology, Junior & Senior	\$4,211.00	\$10,498.00
Architecture, undergraduate	\$3,724.00	\$10,005.00
Business Juniors and Seniors (excludes Pre-Business)	\$4,145.00	\$10,421.00
Engineering Juniors and Seniors	\$4,407.00	\$10,642.00
Graduate (9 or more credits)	\$3,324.00	\$10,079.00
Architecture, Graduate	\$4,382.50	\$10,484.00
Engineering Graduate:	\$4,852.50	\$10,920.00
Seed Technology & Business ¹	\$5371.50	\$10,920.00
Veterinary Medicine (12+ credits)	\$9,576.00	\$21,420.00
Veterinary Medicine (4th year)	\$9,436.00	\$17,153.00

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

Additional information:

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

Continuous registration fee for graduate students: \$70.

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

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

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

Fee Policies and Descriptions: 2013-2014

- **Developmental courses** are assessed additional fees above and beyond tuition for other courses taken during the same term. Fee subject to change without notice.

Math 10 - \$530

Chem 50 - \$350

Engl 99L - \$240

Engl 99R - \$160

Engl 995 - \$480

Frnch 97, Ger 97 and Span 97 - \$325

- **Distance education courses** are assessed at the resident rate and the 2 credit tuition minimum does not apply, with the exception of graduate level research courses.

- **Interim** (partial-semester, between-terms), **audit** (zero-credit), and **in absentia** (research, away from campus study) courses are assessed fees as listed in the current fee schedule.
- **One-half credits** are assessed at the next larger whole number; e.g. 3 1/2 credits are assessed at the 4-credit rate.
- **R-credit** (Required credit) coursework is assessed minimum tuition and fees equal to the 2 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to a R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.
- **Workshop fee** for one-credit workshops, with no other course enrollments, is \$278 for undergraduate students and \$436 for graduate students.
- **Zero credit course** is assessed based on contact hours with a maximum assessment of 3 credits.

Tuition and Fees

Tuition and fees are subject to change without notice.

Payment of Fees

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

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

Deferred Billing

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

Past Due Accounts

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

Cancelling Registration

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

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

Withdrawing Registration

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

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

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

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

Tuition Adjustment Schedule

This tuition adjustment schedule is subject to change.

Tuition adjustments for withdrawals of registration are based upon the following table for Spring 2014:

Withdrawal Date	Student Pays
Jan. 11-16	10%
Jan. 17-26	25%
Jan. 27-Feb. 2	50%
Feb. 3-Feb. 10	75%
After Feb. 10	100%

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

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

Tuition Adjustment Schedule for Workshops and Short Courses

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

Appealing Tuition Assessments

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

Past Due Accounts

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

GLOSSARY OF FEES

Activity, Services and Building Fee

The activity, services and building fee is a mandatory fee that supports a variety of activities and services for all full time students. It is not based on whether or not a student uses an individual activity or service. This fee provides several benefits such as student admission rates to concerts and athletic events and unlimited use of CyRide. In addition, the fee provides support for campus recreation facilities, the Memorial Union, and campus organizations and services as allocated by the Government of the Student Body. Full-time students will be charged \$317.80 each fall and spring semester, and all students will be charged \$159.50 for the summer semester.

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

Admissions Application Fee

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

Delivery Fees

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

Health Facility Fee

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

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

Health Fee (Mandatory)

All students are assessed an \$98 Health Fee, except for students enrolled for four credits or less or students exclusively registered for the following: distance education courses (courses with section beginning with an X); courses for which no tuition is assessed; continuous registration status courses; weekend MBA courses; Lakeside Lab or geology field camp courses; graduate students enrolled in GR ST 600, 601, Psych 597, 697, or high school students enrolled under the PostSecondary Enrollment Options Act. (Note: The health fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship.) Students who withdraw

or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the tenth class day, after January 24 no adjustment will be made. No adjustment can be made if a student has used the services of the Thielen Student Health Center prior to withdrawing from or changing to an exempt status at the university. Students who add courses at any time during the term will be assessed the Health Fee according to the guidelines stated above.

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

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

Late Registration Fee

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

Special Course Fees

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

Technology Fee

All students will be charged a technology fee each semester. Full-time graduate and undergraduate students enrolled in the College of Engineering (including Systems Engineering) or students majoring in Agricultural Systems Technology or Industrial Technology are charged \$223 per semester. Full-time graduate and undergraduate students majoring in Computer Science, or Pre-Computer Science are charged \$223. Full-time undergraduate students enrolled in the College of Business except students in Pre-Business are charged \$135 per semester, while full-time graduate students are charged \$112 per semester. All other full-time undergraduate students in the College of Business will be charged the standard computer fee of \$115 per semester. Full-time graduate students will be assessed \$92. Graduate students with graduate assistant appointments. 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 28), with no refunds after the second week. The tuition adjustment schedule also applies to computer fees for students who withdraw. Students who change their major will be charged the applicable computer fee for the major into which they transfer if the change occurs before the end of the second week. If the change occurs after the second week, then no change in the computer fee assessment will occur. Students who are double majors will be assessed the computer fee rate for the major having the higher rate.

Graduation

Undergraduate Students

Spring 2014 graduating seniors are encouraged to submit applications for graduation after registering for their final semester. Applications are available from the adviser, college student services office, the Registrar's Graduation Office, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The application is due in 210 Enrollment Services Center the Friday before Thanksgiving break. Applicants will be assessed a \$40 nonrefundable graduation fee the tenth day of classes.

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

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

Undergraduate university commencement ceremony will be held Saturday, May 10, at 1:30 p.m., in Hilton Coliseum.

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

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

Teacher Licensure

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

Graduate Students

Specific deadlines have been set by the Graduate College for all graduate students. Failure to meet these deadlines may result in the removal of the students name from the graduation list for Spring 2014.

- An "Application for Graduation" (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, January 31.
- Last day for graduate students to cancel graduation is March 28. All graduate students who haven't cancelled by this date will be assessed a nonrefundable graduation fee.
- A Request for "Final Oral Examination" form should be obtained from the students department and submitted to the Graduate College at least three weeks before the final oral examination.
- Final oral examination must be taken by Friday, April 17.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, April 21. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, April 23.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Friday, April 24. This form will be sent to their major professor or department when their "Request for Final Examination" is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.
- Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

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

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

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

Student Records

Degree Audits

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

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

Transcripts

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

Grade Reports

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

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 2013-2014* catalog.

Repeated Courses

If a course is repeated, the permanent record will show the grade on the initial attempt as well as grades received on subsequent attempts. However, only the most recent grade will be used in computing the cumulative grade-point average rather than the previous grade(s). Undergraduate and special students may only repeat up to a limit of 15 semester credits.

Approval to repeat a course after more than three semesters (not including summer) must be noted on a Designation of Repeated Course form. This form can be obtained from departmental offices and must be signed by the student's adviser and the head of the department offering the course. This form is also used if the course number or number of credits has changed from a previous catalog or if the course is being repeated to reduce a transfer deficiency. Process this form in the Office of the Registrar, 214 Enrollment Services Center.

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

Veterans Educational Assistance

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

<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)

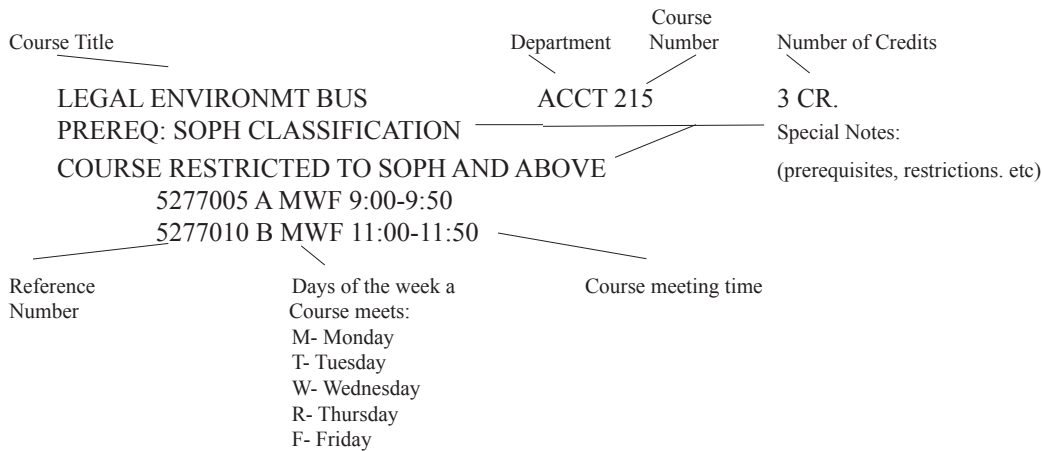
The Iowa State University student identification card (ISUCard) will be made available to students at the time of their first registration. This is a permanent card to be used while attending Iowa State. Loss of their ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where 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 \$15 per card, payable by cash or check, and the cards expire on June 30 each year.

Course Detail



Course Listing Detail

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

Course Numbering System

Courses are numbered from 1 to 699, as follows:

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

Meeting Days and Times for Classes

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

Course Prerequisites

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

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

Course prerequisites are listed in the Schedule of Classes.

Course Information

Auditing Courses

To audit a course means to enroll in the course without receiving credit for the course. Audited courses count towards credit limit but not full-time status. The instructor of the course approves the audit request.

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

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

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

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

Audit Deadlines for Full Term Courses

Instructors must approve all audits.

• Adding an audit

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

• Changing from credit to audit:

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

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

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

• Partial semester or summer courses:

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

Canceled Courses

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

Class Attendance

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

Courses Requiring Permission

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

Course Descriptions

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

Credit Involving a Paid Activity

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

Credits Limits

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

student must drop credits before adding another course. 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 2012-2013* catalog. Course descriptions for experimental courses can be found through the ISU index under Experimental Course Descriptions.

Late Registration

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

Linked Courses

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

On-Campus Saturday and Evening Courses

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

Partial-Semester Courses

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

Pass-Not Pass

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

section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services 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 2013-2014* catalog.

Registration Holds

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

Restricted Sections of Courses

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

Room Assignments

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

Time Conflicts

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

Validation of Enrollment

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

Videotaping/Audiotaping Classes

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

Night Examinations

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

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

Night Exams for Spring 2014

Updates are posted on the web under Night Exams.

Credit by Examination

General Information

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

Students should take a test-out exam the semester before planning to take the course. In some courses, students who plan to take the test-out exam may not be allowed to register for the course in the same semester. For more information, refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2013-2014* catalog.

Departmental Test-out Exams

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

CLEP Exams

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

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

CLEP Exam	ISU Courses	Sem. Cr. Awarded
Financial Accounting*	Acct 284	3
American Govt.	Pol S 215	3
Biology**	Biol 101	3
Calculus	Math 165	4
Humanities*	Fine Arts Literature	2 4
Principles of Macroeconomics	Econ 102	3
Principles of Microeconomics	Econ 101	3
Natural Sciences*	Biological Science Physical Science	3 3
Introductory Psychology	Psych 101	3
Social Sciences and History*	Social Science History	4 2
Introductory Sociology	Soc 134	3
French Language	Frnch 101, 102 Frnch 101, 102, 201 Frnch 101, 102, 201, 202	8 12 16
German Language	Ger 101, 102 Ger 101, 102, 201 Ger 101, 102, 201, 202	8 12 16
Spanish Language	Span 101, 102 Span 101, 102, 201 Span 101, 102, 201, 202	8 12 16
* Excludes Engineering majors ** Excludes biology and engineering majors *** Excludes native or near-native speakers		

Tentative Final Exam Schedule

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

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

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

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

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

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

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

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

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

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

Combined Group Exams

The following courses are most likely to have *combined group exams* scheduled for Spring 2014. (This list of group exam courses may change due to departmental preference and/or time and room scheduling difficulties.) For the list of exam days and times go to the ISU index under Final Exams.

Acct 215, 284, 285
Aer E 160, 161
Agron 114
Astro 120
C E 332
Chem 177, 178, 332
Chin 102
Com S 207, 227, 228
E M 274, 324, 345, 378
Engr 160
Fin 301
Geol 100
I E 305
M E 140, 146, 270
Math 151, 165, 166, 195, 196, 265
Phys 111, 221, 222,
Psych 101(A, B or C) , 230, 280
SCIS 301x
Span 102, 202
Stat 326

Tentative Exams Based on First Contact

First Contact	Exam Day	Exam Time
Mon., 8 a.m.	Mon, May 5	7:30-9:30 a.m.
Mon., 9 a.m.	Wed., May 6	7:30-9:30 a.m.
Mon., 10 a.m.	Mon, May 5	9:45-11:45 a.m.
Mon., 11 a.m.	Tues., May 6	9:45-11:45 a.m.
Mon., 12 p.m.	Thurs., May 8	2:15-4:15 p.m.
Mon., 1 p.m.	Fri., May 9	12:00-2:00 p.m.
Mon., 2 p.m.	Mon., May 5	12:00-2:00 p.m.
Mon., 3 p.m.	Fri., May 9	2:15-4:15 p.m.
Mon., 4 p.m.	Thurs., May 8	12:00-2:00 p.m.
Tues., 8 a.m.	Tues., May 6	7:30-9:30 a.m.
Tues., 9 a.m.	Fri., May 9	7:30-9:30 a.m.
Tues., 10 a.m.	Wed., May 7	9:45-11:45 a.m.
Tues., 11 a.m.	Thurs., May 8	9:45-11:45 a.m.
Tues., 12 p.m.	Exam time to be announced by instructor	
Tues., 1 p.m.	Tues., May 6	9:45-11:45 a.m..
Tues., 2 p.m.	Thurs., May 8	12:00-2:00 p.m..
Tues., 3 p.m.	Mon., May 5	7:30-9:30 a.m.
Tues., 4 p.m.	Wed., May 7	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	L A	Landscape Architecture Bldg. Bessey
Ames Hi	Ames High School	L Mech	Laboratory of Mechanics
Armory	Armory	Lagomar	Lagomarcino Hall
Atansff	Atanasoff Hall	LeBaron	LeBaron Hall
Bessey	Bessey Hall	Library	Parks Library
Beyer	Beyer Hall	Lloyd	Lloyd Veterinary Medical Center
BRL	Biorenewables Research Laboratory	MacKay	MacKay Hall
Black	Black Engineering Bldg.	MWL Com*	Maple-Willow-Larch Commons
Carver	Carver Hall	Martin	Martin Residence Hall
Com Bldg	Communications Bldg.	Marston	Marston Hall
Coover	Coover Hall	Meats L	Meats Laboratory
Curtiss	Curtiss Hall	Mem Un/MU	Memorial Union
Dairy F	Dairy Farm	Mol-Bio	Molecular Biology Bldg.
David	Davidson Hall	Morrill	Morrill Hall
Design	College of Design	Music	Music Hall
Durham	Durham Center	NSRIC	National Swine Research and Information Center
E Hall	East Hall	Palmer	Palmer HDFS Bldg.
Farm Bu	Farm Bureau Livestock Pav. (Kildee)	Pearson	Pearson Hall
Food Sc	Food Sciences Building	Physics	Physics Hall
Forker	Barbara Forker Building	Phys A	Physics Addition
Friley*	Friley Residence Hall	Roberts*	Roberts Residence Hall
Gerdin	Gerdin Business Building	Ross H	Ross Hall
Gilman	Gilman Hall	Scheman	Scheman Building
Hach	Hach Hall	Science	Science Hall I
Hamilton	Hamilton Hall	Sci 2	Science Hall II
Heady	Heady Hall	Seed	Seed Science Bldg.
Hoover	Hoover Hall	Sned H	Snedecor Hall
Horse B	Horse Barn	St Gym	State Gymnasium
Hort	Horticulture Hall & Greenhouse	Sweeney	Sweeney Hall
Howe	Howe Hall	Town	Town Engineering Bldg.
I Ed I	Industrial Education Bldg. I	Troxel	Troxel Hall
I Ed II	Industrial Education Bldg. II	Vet Med	Veterinary Medicine Bldg.
Insect	Insectary and Greenhouse	Zaffrno	Zaffarano Physics Addition
Jischke	Martin Jischke Honors Bldg.		
Kildee	Kildee Hall		
King PV	Ping Pavilion		

*Residence Hall

Other Campus Buildings

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

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 13-MAY 9
5277010 B MWF 11:00-11:50
MEETS: JAN 13-MAY 9

FINANCIAL ACCOUNTNG ACCT 284 3 CREDITS

Prereq: COURSE NOT OPEN TO FIRST TERM FRESHMEN
Note: NOT OPEN TO FIRST TERM FRESHMAN.

1110005 A TR 12:40-2:00
MEETS: JAN 13-MAY 9
1110010 B TR 11:00-12:20
MEETS: JAN 13-MAY 9
1110015 C TR 9:30-10:50
MEETS: JAN 13-MAY 9
1110020 D TR 2:10-3:30
MEETS: JAN 13-MAY 9
1110025 E TR 8:00-9:15
MEETS: JAN 13-MAY 9

MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS

Prereq: ACCT 284
Note: COURSE NOT OPEN TO GRADUATE STUDENTS.
Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>

1112005 A TR 9:30-10:50
MEETS: JAN 13-MAY 9
1112010 B TR 11:00-12:20
MEETS: JAN 13-MAY 9
1112015 C MWF 12:10-1:00
MEETS: JAN 13-MAY 9
1112020 D MWF 1:10-2:00
MEETS: JAN 13-MAY 9
1112025 E MWF 11:00-11:50
MEETS: JAN 13-MAY 9
1112030 F MWF 2:10-3:00
MEETS: JAN 13-MAY 9
1112035 G TR 12:40-2:00
MEETS: JAN 13-MAY 9
1112040 I TR 2:10-3:30
MEETS: JAN 13-MAY 9
1112045 J MWF 4:10-5:00
MEETS: JAN 13-MAY 9

THE ACCOUNTNG CYCLE ACCT 301 1 CREDIT

Prereq: ACCT 284
Note: THIS COURSE CARRIES AN ADDITIONAL COST OF APPROXIMATELY \$50 TO ACCESS THE REQUIRED COMPUTER SOFTWARE PROGRAM. RESTRICTED TO BUSINESS COLLEGE MAJORS ONLY.
Available for nonmajor graduate credit

1078005 A ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC A MUST MEET FOR A ONE-TIME ORIENTATION ON TUESDAY, JAN. 14TH AT 5PM 1148 GERDIN
Course delivery is WWW
1078010 B ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC B MUST MEET FOR A ONE-TIME ORIENTATION ON FRIDAY, JAN. 17TH AT 8AM 0127 CURTISS
Course delivery is WWW

INTMD MANAGERL ACCT ACCT 383 3 CREDITS

Prereq: ACCT 285 OR ACCT 501 AND ACCT 301
Note: SEC A1,B1, ETC RESTRICTED TO ACCT MAJORS ONLY.
SEC A2,B2, ETC RESTRICTED TO BUS MAJORS EXCEPT ACCT, P BUS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

1117005 A1 MWF 11:00-11:50
MEETS: JAN 13-MAY 9
1117010 A2 MWF 11:00-11:50
MEETS: JAN 13-MAY 9
1117015 B1 MWF 12:10-1:00
MEETS: JAN 13-MAY 9
1117020 B2 MWF 12:10-1:00
MEETS: JAN 13-MAY 9
1117025 C1 TR 11:00-12:20
MEETS: JAN 13-MAY 9
1117030 C2 TR 11:00-12:20
MEETS: JAN 13-MAY 9

ACCT INFO SYSTEMS ACCT 384 3 CREDITS

Prereq: ACCT 285 OR ACCT 501, AND ACCT 301
Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY.
SEC A2,B2,C2 ETC RESTRICTED TO BUS MAJORS EXCEPT ACCT, P BUS.

1123005 A1 MWF 10:00-10:50
MEETS: JAN 13-MAY 9
1123010 A2 MWF 10:00-10:50
MEETS: JAN 13-MAY 9
1123015 B1 TR 9:30-10:45
MEETS: JAN 13-MAY 9
1123020 B2 TR 9:30-10:45
MEETS: JAN 13-MAY 9
1123025 C1 MWF 11:00-11:50
MEETS: JAN 13-MAY 9
1123030 C2 MWF 11:00-11:50
MEETS: JAN 13-MAY 9

ACCOUNTING

(CONTINUED)

INTMED ACCOUNTING I ACCT 386 3 CREDITS

Prereq: ACCT 285 OR ACCT 501 AND ACCT 301
Note: SEC A1,B1 ETC RESTRICTED TO ACCT MAJORS ONLY.
SEC A2,B2 ETC FOR OTHER BUSINESS COLLEGE MAJORS
NOT OPEN TO P BUS MAJORS. GRAD STUDENTS
SEE 1200 GERDIN FOR PERMISSION.

1118005 A1 TR 2:10-3:30
MEETS: JAN 13-MAY 9
1118010 A2 TR 2:10-3:30
MEETS: JAN 13-MAY 9
1118015 B1 TR 3:40-5:00
MEETS: JAN 13-MAY 9
1118020 B2 TR 3:40-5:00
MEETS: JAN 13-MAY 9
1118025 C1 TR 9:30-10:50
MEETS: JAN 13-MAY 9
1118030 C2 TR 9:30-10:50
MEETS: JAN 13-MAY 9
1118035 D1 TR 8:00-9:15
MEETS: JAN 13-MAY 9
1118040 D2 TR 8:00-9:15
MEETS: JAN 13-MAY 9

INTMD ACCOUNTING II ACCT 387 3 CREDITS

Prereq: ACCT 386
Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY
SEC A2,B2 RESTRICTED TO BUS S, BUS U, BUSEC, FIN
MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY. NOT
OPEN TO P BUS OR GRADUATE STUDENTS.

1119005 A1 TR 3:40-5:00
MEETS: JAN 13-MAY 9
1119010 A2 TR 3:40-5:00
MEETS: JAN 13-MAY 9
1119015 B1 MWF 10:00-10:50
MEETS: JAN 13-MAY 9
1119025 C1 TR 12:40-2:00
MEETS: JAN 13-MAY 9
Note: SEC C1 RESERVED FOR STUDENTS IN THE ACCT LEARNING
1119030 C2 TR 12:40-2:00
MEETS: JAN 13-MAY 9

ADV MANAGERIAL ACCT ACCT 483 3 CREDITS

Prereq: ACCT 383 OR ACCT 581
Note: COURSE RESTRICTED TO ACCT UNDER GRADUATE MAJORS ONLY

8793005 A M 6:40-9:25PM
MEETS: JAN 13-MAY 9

PRIN FED INCOME TAX ACCT 485 3 CREDITS

Prereq: ACCT 386 OR ACCT 501
Note: SEC A1,B1,ECT RESTRICTED TO ACCT MAJORS ONLY.
SEC A2,B2,ECT RESTRICTED TO BUS S, BUS U, BUSEC, FIN,
I BUS, LSCM, MGMT, MIS, MKT, OSCM, SCM MAJORS ONLY.
GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
Available for nonmajor graduate credit

1121005 A1 TR 8:00-9:20
MEETS: JAN 13-MAY 9
1121010 A2 TR 8:00-9:20
MEETS: JAN 13-MAY 9
1121015 B1 TR 9:30-10:50
MEETS: JAN 13-MAY 9
1121020 B2 TR 9:30-10:50
MEETS: JAN 13-MAY 9
1121025 C1 MWF 1:10-2:00
MEETS: JAN 13-MAY 9
1121030 C2 MWF 1:10-2:00
MEETS: JAN 13-MAY 9

VOLUN INCM TAX ASSI ACCT 487 1 CREDIT

Prereq: ACCT 285 OR ACCT 501
Note: COURSE LEC MEETS 1/15-2/5 & LAB 2/10-4/17

3365005 A T 6:10-8:00PM
M 6:10-8:00PM
MEETS: JAN 14-APRIL 14
Note: SEC A LEC MEETS 1/14-2/4 LAB
MEETS 2/10-4/14
3365010 B T 6:10-8:00PM
T 6:10-8:00PM
MEETS: JAN 14-APRIL 15
Note: SEC B LEC MEETS 1/14-2/4. LAB
MEETS 2/11-4/14
3365015 C T 6:10-8:00PM
W 2:10-4:00
MEETS: JAN 14-APRIL 16
Note: SEC C: LECTURE MEETS: 1/14/14-2/4/14, LAB MEETS
2/12/14-4/16/14

INDEPENDENT STUDY ACCT 490 1- 3 CREDITS

Prereq: ACCT 285, SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO ACCT MAJORS ONLY
Department permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

ADV ACCT PROBLEMS ACCT 495 3 CREDITS

Prereq: ACCT 387
Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS
ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
Available for nonmajor graduate credit

7148005 A TR 9:30-10:50
MEETS: JAN 13-MAY 9

ACCOUNTING

(CONTINUED)

INTERNATIONAL ACCT ACCT 496 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: COURSE RESTRICTED TO ACCT UNDERGRADS
 & I BUS MAJORS ONLY
 Available for nonmajor graduate credit
 9026005 A R 6:40-9:25PM
 MEETS: JAN 16-APRIL 10

INTRO TO AUDITING ACCT 497 3 CREDITS
 Prereq: ACCT 384, ACCT 387 AND STAT 326
 Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS ONLY.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit
 1126005 A MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 1126010 B MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 1126015 C MW 5:10-6:25PM
 MEETS: JAN 13-MAY 9

ACCT FOR DECISN MAK ACCT 581 3 CREDITS
 Prereq: ACCT 501 OR EQUIVALENT
 9116005 A MW 4:10-5:55
 MEETS: JAN 13-APRIL 9

ADV MANAGERIAL ACCT ACCT 583 3 CREDITS
 Prereq: ACCT 383 OR ACCT 581
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1009005 A T 6:00-9:20PM
 MEETS: JAN 14-APRIL 8

VOLUN INCM TAX ASSI ACCT 587 1 CREDIT
 Prereq: ACCT 285 OR ACCT 501
 Note: COURSE LEC MEETS 1/15-2/5 & LAB 2/10-4/17
 1089005 A T 6:10-8:00PM
 M 6:10-8:00PM
 MEETS: JAN 13-APRIL 7
 Note: SEC A FIRST LAB MEETS 1/14-2/4 SECOND LAB
 MEETS 2/10-4/14
 1089010 B T 6:10-8:00PM
 T 6:10-8:00PM
 MEETS: JAN 14-APRIL 15
 Note: SEC B FIRST LAB MEETS 1/14-2/4. SECOND LAB
 MEETS 2/11-4/14
 1089015 C T 6:10-8:00PM
 W 2:10-4:00
 MEETS: JAN 14-APRIL 16
 Note: SEC C: 1ST LAB MEETS:1/14/14-2/4/14, 2ND LAB
 MEETS 2/12/14-4/16/14

GOV'T&NON-PRFT ACCT ACCT 588 3 CREDITS
 Prereq: ACCT 387
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2909005 A MW 2:10-3:55
 MEETS: JAN 13-APRIL 9

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

 SEE DEPT FOR REFERENCE NUMBERS

ADV ACNTNG PROBLMS ACCT 595 3 CREDITS
 Prereq: ACCT 387
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1011005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9

INTERNATIONAL ACCT ACCT 596 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2892005 A R 6:40-9:25PM
 MEETS: JAN 16-APRIL 10

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 NEWELL J
 MEETS: JAN 13-MAY 9

STRATEG PLAN AD&P.R ADVRT 301 3 CREDITS
 Prereq: ADVRT 230 OR JL MC 220; SOPHOMORE
 CLASSIFICATION
 Note: SEC 1A,2A ETC RESTRICTED TO JL MC, ADVRT,
 SEC 1B,2B ETC FOR MAJORS OTHER THAN JL MC, ADVRT,
 SOPHOMORES AND ABOVE.
 4439005 1A MW 9:30-10:50
 MEETS: JAN 13-MAY 9
 4439010 1B MW 9:30-10:50
 MEETS: JAN 13-MAY 9
 4439015 2A TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 4439020 2B TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 4439025 3A TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 4439030 3B TR 8:00-9:20
 MEETS: JAN 13-MAY 9

ADVERTISING

(CONTINUED)

ADVERTSNG CREATIVTY ADVRT 334 3 CREDITS
 Prereq: ADVRT/JL MC 301; C+ OR BETTER IN
 JL MC 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, MAJORS
 ONLY.
 4669005 1 MW 8:00-9:50
 MEETS: JAN 13-MAY 9

ADVERT MEDIA PLANNG ADVRT 335 3 CREDITS
 Prereq: ADVRT/JL MC 301
 4670005 1A MW 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO JL MC, ADVRT MAJORS.
 4670010 1B MW 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT,

ADVERT ACCOUNT MGMT ADVRT 336 3 CREDITS
 Prereq: ADVRT/JL MC 301, C+ OR BETTER IN
 JL MC 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, MAJORS
 ONLY.
 4440005 1 TR 5:10-6:20PM
 MEETS: JAN 13-MAY 9

PRO SKILL DEVEL:MAP ADVRT 390A 1- 2 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 Note: TOPIC: MEREDITH APPRENTICESHIP PROGRAM
 2398005 1 T 8:00-9:20
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

ADVERTISING CAMPGNS ADVRT 434 3 CREDITS
 Prereq: ADVRT/JL MC 301; C+ OR BETTER IN
 ADVRT 334 OR ADVRT 336; MAJOR STATUS
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.
 4685005 1 MW 3:10-4:30
 MEETS: JAN 13-MAY 9

AD PORTFLIO PRACTCM ADVRT 436 3 CREDITS
 Prereq: ADVRT 334, INSTRUCTOR PERMISSION
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJOR ONLY.
 4443005 1 TR 3:10-4:30
 MEETS: JAN 13-MAY 9

AEROSPACE ENGINEERING

AEROSPAE ENG PROBLM AER E 160 3 CREDITS
 Prereq: SATISFACTORY SCORES ON MATH PLACEMENT
 EXAM; CREDIT OR ENROLLMENT IN MATH 142, MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: M E 160, ENGR 160,
 AER E 160, C E 160, CPR E 185, E E 185, S E 185,
 I E 148
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.
 6215005 1 MW 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 13-MAY 9

NUM&GRAPHC&LAB TCNQ AER E 161 4 CREDITS
 Prereq: AER E 160 OR EQUIVALENT COURSE
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 7834005 1 TR 9:30-10:50
 M 2:10-4:00
 MEETS: JAN 13-MAY 9
 7834010 2 TR 9:30-10:50
 T 2:10-4:00
 MEETS: JAN 13-MAY 9
 7834015 3 TR 12:40-2:00
 W 2:10-4:00
 MEETS: JAN 13-MAY 9
 7834020 4 TR 12:40-2:00
 T 2:10-4:00
 MEETS: JAN 13-MAY 9
 7834030 5 TR 2:10-3:00
 R 2:10-4:00
 MEETS: JAN 13-MAY 9
 7834035 6 MWF 2:10-3:00
 R 9:00-10:40
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 8247010 2 TR 9:30-10:50
 F 2:10-4:00
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 1085010 2 T 2:10-3:00
 MEETS: JAN 13-MAY 9
 1085015 3 M 2:10-3:00
 MEETS: JAN 13-MAY 9
 1085020 4 M 3:10-4:00
 MEETS: JAN 13-MAY 9
 1085025 5 T 4:10-5:00
 MEETS: JAN 13-MAY 9
 1085030 6 W 3:10-4:00
 MEETS: JAN 13-MAY 9

HONOR AEROSPC SEMNR AER E 192H R CREDIT
 Note: COURSE RESTRICTED TO HONORS STUDENTS
 Satisfactory-Fail Only.
 2647005 1 R 10:00-10:50
 MEETS: JAN 13-MAY 9
 2647010 2 T 2:10-3:00
 MEETS: JAN 13-MAY 9

INTRO PERFRMNC&DSGN AER E 261 4 CREDITS
 Prereq: AER E 161, MATH 166, PHYS 221
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 6021005 1 MTRF 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY AER E 290C 1- 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION, DEPT APPROVAL
 Note: OFFERED FOR 2 CREDIT SPRING 2014
 ***** SEE DEPT FOR REFERENCE NUMBERS

AEROSPC ADVISNG SEM AER E 291 R CREDIT
 Satisfactory-Fail Only.
 1086005 1 W 11:00-11:50
 MEETS: JAN 13-MAY 9

AEROSPC ADVISNG SEM AER E 292 R CREDIT
 Satisfactory-Fail Only.
 1115005 1 M 4:10-5:00
 MEETS: JAN 13-MAY 9
 1115010 2 M 5:10-6:00PM
 MEETS: JAN 13-MAY 9

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

AERODYNAM I:INCMPRS AER E 310 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN AER E 261
 AND MATH 265
 1175005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

AERODYN II:CMPRSSBL AER E 311 3 CREDITS
 Prereq: AER E 310, M E 231
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY.
 CONCURRENT ENROLLMENT IN AER E 311L REQUIRED
 Available for nonmajor graduate credit
 1179005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 1179010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

FLIGHT STRUCT ANALY AER E 321 3 CREDITS
 Prereq: E M 324
 Note: Available for nonmajor graduate credit
 7164005 1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

AEROSPC STRUCTR LAB AER E 321L 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN AER E 321
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 9129005 1 M 4:10-5:00
 T 1:10-3:00
 MEETS: JAN 13-MAY 9
 9129010 2 M 4:10-5:00
 R 1:10-3:00
 MEETS: JAN 13-MAY 9

FLIGHT CONTROL SYS I AER E 331 3 CREDITS
 Prereq: AER E 355
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 Available for nonmajor graduate credit
 1235005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 1235010 2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

AERODYN&PROPULS LAB AER E 344 3 CREDITS
 Prereq: AER E 310 AND AER E 311
 6493005 1 TR 8:00-8:50
 T 11:00-12:50
 MEETS: JAN 13-MAY 9
 6493010 2 TR 8:00-8:50
 T 1:10-3:00
 MEETS: JAN 13-MAY 9
 6493015 3 TR 8:00-8:50
 T 3:10-5:00
 MEETS: JAN 13-MAY 9
 6493020 4 TR 8:00-8:50
 R 11:00-12:50
 MEETS: JAN 13-MAY 9
 6493025 5 TR 8:00-8:50
 R 1:10-3:00
 MEETS: JAN 13-MAY 9
 6493030 6 TR 8:00-8:50
 R 3:10-5:00
 MEETS: JAN 13-MAY 9

ASTRODYNAMICS I AER E 351 3 CREDITS
 Prereq: E M 345, AER E 261, CREDIT OR ENROLLMENT
 IN AER E 243
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 Available for nonmajor graduate credit
 1168005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

AIRCRAFT FLI DYN&CTL AER E 355 3 CREDITS
 Prereq: AER E 261, MATH 267, E M 345
 Note: Available for nonmajor graduate credit
 1056005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

COMP TECHNQ AER DSN AER E 361 3 CREDITS
 Prereq: AER E 243, MATH 267, E M 324, E M 345
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 Available for nonmajor graduate credit
 1170005 1 TR 11:00-11:50
 T 2:10-4:00
 MEETS: JAN 13-MAY 9
 1170010 2 TR 11:00-11:50
 R 2:10-4:00
 MEETS: JAN 13-MAY 9
 1170015 3 TR 11:00-11:50
 R 12:10-2:00
 MEETS: JAN 13-MAY 9

INTRO WIND ENERGY AER E 381 3 CREDITS
 Prereq: MATH 166, PHYS 221
 Note: SPRING ONLY
 Available for nonmajor graduate credit
 9100005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

AERO ADVISNG SEMINR AER E 392 R CREDIT
 Satisfactory-Fail Only.
 1151005 1 W 4:10-5:00
 MEETS: JAN 13-MAY 9
 1151010 2 W 5:10-6:00PM
 MEETS: JAN 13-MAY 9

ENGR INTERNSHIP AER E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGR
 CAREER SERVICES
 Note: MAY ONLY REGISTER FOR ONE SEMESTER OF AER E 397
 PER ACADEMIC YEAR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

AERO VEHIC PROPUL I AER E 411 3 CREDITS
 Prereq: AER E 311
 Note: Available for nonmajor graduate credit
 6028005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

AER VEH PROPULSN II AER E 412 3 CREDITS
 Prereq: AER E 311
 Note: Available for nonmajor graduate credit
 1174005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

ADV FLIGHT STRUCTRS AER E 421 3 CREDITS
 Prereq: AER E 321, MATH 266 OR 267
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 Available for nonmajor graduate credit
 1176005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 1176010 2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

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

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

4615010 2 MW 12:10-1:00
 R 12:10-2:00
 MEETS: JAN 13-MAY 9

4615015 3 MW 12:10-1:00
 T 12:10-2:00
 MEETS: JAN 13-MAY 9

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 9:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 9

FLUID DYN TURBOMACH AER E 448 3 CREDITS
 Prereq: M E 335 OR EQUIVALENT
 Note: COURSE RESTRICTED TO AER E & M E MAJORS
 Available for nonmajor graduate credit
 1339005 TR 12:40-1:55
 MEETS: JAN 13-MAY 9

ASTRODYNAMICS II AER E 451 3 CREDITS
 Prereq: AER E 351
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 Available for nonmajor graduate credit
 1184005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

MOD DESIGN METHODOL AER E 461 3 CREDITS
 Prereq: AER E 361, AER E 311, AER E 321,
 AER E 351, AER E 355
 Note: COURSE RESTRICTED TO AER E SENIORS ONLY
 Available for nonmajor graduate credit
 1186005 1 TR 10:00-10:50
 T 4:10-6:00PM
 MEETS: JAN 13-MAY 9

DESIGN AEROSPAC SYS AER E 462 3 CREDITS
 Prereq: AER E 461
 Note: COURSE RESTRICTED TO AER E SENIORS ONLY
 1187005 1 T 9:00-9:20
 MW 2:10-4:00
 MEETS: JAN 13-MAY 9

1187010 2 T 9:00-9:20
 TR 2:10-4:00
 MEETS: JAN 13-MAY 9

1187015 3 R 9:00-9:20
 MW 4:10-6:00PM
 MEETS: JAN 13-MAY 9

INTRO TO MDO AER E 463X 3 CREDITS
 Prereq: SENIOR STANDING IN COLLEGE OF ENGINEERING
 6906005 1 TR 12:45-2:00
 MEETS: JAN 13-MAY 9

SPACECRAFT SYSTEMS AER E 464 3 CREDITS
 Prereq: AER E 351
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 Available for nonmajor graduate credit
 1188005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

MULTIDISC ENGR DSGN AER E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 8778005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9

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
 ***** SEE DEPT FOR REFERENCE NUMBERS

AERO ADVISNG SEMINR AER E 491 R CREDIT
 Note: COURSE RESTRICTED TO AER E MAJOR ONLY.
 Satisfactory-Fail Only.
 1198005 R 4:10-5:00
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUC AER E 498 R CREDIT
 Prereq: AER E 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 ENROLLMENT
 IN AER E 491
 4759005 ARRANGED
 MEETS: JAN 13-MAY 9

FINITE ELEMENT ANLY AER E 525 3 CREDITS
 Prereq: E M 425, MATH 385
 7252005 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

AUTO CNTROL FLT VEH AER E 531 3 CREDITS
 Prereq: AER E 331
 1204005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

COMPRESBL FLUID FLO AER E 532 3 CREDITS
 Prereq: AER E 311
 6032005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

INTRO TO MDO AER E 563X 3 CREDITS
 6910005 1 TR 12:45-2:00
 MEETS: JAN 13-MAY 9

MCH COMPOSITE MATLS AER E 569 3 CREDITS
 Prereq: E M 324
 7520005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

OPTIMAL CONTROL AER E 574 3 CREDITS
 Prereq: E E 577
 8188005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

INTRO ROBUST CONTRL AER E 575 3 CREDITS
 Prereq: E E 577
 4429005 A TR 8:00-9:20
 MEETS: JAN 13-MAY 9

AEROSPACE ENGINEERING (CONTINUED)

DIGIT FEEDBACK CNTRL AER E 576 3 CREDITS
 Prereq: AER E 432 OR E E 475 OR M E 411 OR
 M E 414 OR MATH 415; AND MATH 267
 8189005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

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

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

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 13-MAY 9
 Note: College permission required.

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

AFRICAN AND AFRICAN AMERICAN STUDIES

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

AFRICAN AND AFRICAN AMERICAN STUDIES (CONTINUED)

ETHNIC&RACE RELATNS AF AM 330 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 Note: SEC A1,B1 ETC RESTRICTED TO SOC, P S A MAJORS.
 SEC A2,B2 ETC FOR MAJORS OTHER THAN SOC, P S A.
 Meets U.S. diversity reqmt
 8638005 A1 TR 12:40-2:00 KUSOW A
 MEETS: JAN 13-MAY 9
 8638010 A2 TR 12:40-2:00 KUSOW A
 MEETS: JAN 13-MAY 9
 8638015 B1 TR 9:30-10:50 REGER R
 MEETS: JAN 13-MAY 9
 8638020 B2 TR 9:30-10:50 REGER R
 MEETS: JAN 13-MAY 9
 8638035 C2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

AFRI AMER RELIG EXP AF AM 334 3 CREDITS
 Prereq: PRIOR COURSE WORK IN RELIG OR AF AM
 RECOMMENDED
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 8661005 TR 12:40-2:00 CHASE C
 MEETS: JAN 13-MAY 9

HIST AFRICAN AMER I AF AM 353 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Meets U.S. diversity reqmt
 8743005 TR 9:30-10:50 WILLIAMS E
 MEETS: JAN 13-MAY 9

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

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 13-MAY 9

AGRICULTURAL EDUCATION & STUDIES

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

AG BIOTECHN COLLOQ AGEDS 112 1 CREDIT
 Prereq: ENROLLMENT AS AN AG EXCELLENCE SCHOLAR
 1303005 T 1:10-2:00 BEITZ D
 MEETS: JAN 13-MAY 9

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
 Prereq: AGEDS 110
 7586005 1 ARRANGED RETALLICK M
 MEETS: JAN 13-MAY 9

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
 Prereq: AGEDS 110
 7603005 1 ARRANGED BROWN S
 MEETS: JAN 13-MAY 9

CAREER SEMINAR AGEDS 215 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 1385005 1 TR 11:00-11:50 CHAMBERLAIN B
 MEETS: JAN 13-MARCH 7
 Note: SECTION 1 RESTRICTED TO AGLSE MAJORS ONLY. OTHERS
 BY PERMISSION OF INSTRUCTOR.
 1385010 2 TR 11:00-11:50 CHAMBERLAIN B
 MEETS: MARCH 10-MAY 9

FOUND AG ED PROGRMS AGEDS 310 3 CREDITS
 8790005 TR 9:30-10:50 PAULSEN T
 MEETS: JAN 13-MAY 9

PRESENTN STRATEGIES AGEDS 311 3 CREDITS
 1272005 1 MWF 11:00-11:50 MARTIN R
 MEETS: JAN 13-MAY 9
 1272010 2 MWF 9:00-9:50 ANDERSON R
 MEETS: JAN 13-MAY 9
 1272015 3 TR 9:30-10:50 MCCUBBINS A
 MEETS: JAN 13-MAY 9

SCI WITH PRACTICE AGEDS 312 3 CREDITS
 Prereq: MAJOR IN THE COLLEGE OF AG LS
 8006005 1 T 11:00-11:50 RETALLICK M
 RETALLICK M
 ARRANGED
 MEETS: JAN 13-MAY 9
 8006010 2 ARRANGED RETALLICK M
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

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

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

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

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

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

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

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

FARM MGMT&OPERATION AGEDS 450 3 CREDITS
 Prereq: ECON 235, ECON 330, JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 1386005 1 T 1:10-3:00 PAULSEN T
 W 1:10-5:00 PAULSEN T
 MEETS: JAN 13-MAY 9
 1386010 2 T 1:10-3:00 PAULSEN T
 R 1:10-5:00 PAULSEN T
 MEETS: JAN 13-MAY 9

AGRICULTURAL LAW AGEDS 451 4 CREDITS
 Prereq: SENIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 6798005 1 MWF 10:00-10:50 MCEOWEN R
 M 3:10-5:00 MCEOWEN R
 MEETS: JAN 13-MAY 9

TECNL TRANSFR&AG ED AGEDS 461X 3 CREDITS
 Note: Meets international perspectives reqmt
 9564005 1 R 2:10-5:00 MARTIN R
 MEETS: JAN 13-MAY 9
 9564600 XW ARRANGED MARTIN R
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

AG MKTG&COMM COMPET AGEDS 475X 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 Note: OFFERED FOR 2 CREDITS SPRING 2013
 6063005 1 TR 4:10-5:00 NOE S
 MEETS: JAN 13-MAY 9

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

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

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

AG TRAVEL INTERNATL AGEDS 496A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 1516005 ET ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC ET PRE-TRAVEL ETHIOPIA SPRING 2014.
 OFFERED FOR 1 CREDIT SPRING 2014.
 STUDY ABROAD TRAVEL IN SUMMER 2014

AGRI TRAVEL DOMESTC AGEDS 496B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 7499005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

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

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

INSTRUCTIONL METHDS AGEDS 520 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 1299005 ARRANGED PAULSEN T
 MEETS: JAN 13-MAY 9
 1299600 XW ARRANGED PAULSEN T
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

INTR LRNG THRY AGED AGEDS 533 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 8005005 ARRANGED ANDERSON R
 MEETS: JAN 13-MAY 9
 8005600 XW ARRANGED ANDERSON R
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

TECNL TRANSFR&AG ED AGEDS 561 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: Meets international perspectives reqmt
 1305005 1 R 2:10-5:00 MARTIN R
 MEETS: JAN 13-MAY 9
 1305600 XW ARRANGED MARTIN R
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

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 13-MAY 9
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

METHODS WORKSHOP AGEDS 593B 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1318005 ARRANGED
 MEETS: JAN 13-MAY 9

WORKSHOP EVALUATION AGEDS 593C 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1319005 ARRANGED
 MEETS: JAN 13-MAY 9

ADMINISTR TN WORKSHP AGEDS 593D 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1320005 ARRANGED
 MEETS: JAN 13-MAY 9

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1321005 ARRANGED
 MEETS: JAN 13-MAY 9

WORKSHOP EXTENSION AGEDS 593F 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1322005 ARRANGED
 MEETS: JAN 13-MAY 9

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

WRKSH PROGRAM PLAN AGEDS 593G 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1323005 ARRANGED
 MEETS: JAN 13-MAY 9

WKSHP INSTR TECHNOL AGEDS 593H 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1890005 ARRANGED
 MEETS: JAN 13-MAY 9

WKSHP BIOTECHNOLOGY AGEDS 593M 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 6536005 ARRANGED
 MEETS: JAN 13-MAY 9

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

SEMINR CNTMPRY ISSU AGEDS 615E 1 CREDIT
 Satisfactory-Fail Only.
 2980005 1 ARRANGED MILLER W
 MEETS: JAN 13-MARCH 7
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

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

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

AGRICULTURAL ENGINEERING

EXPERNC AG&BIO ENGR A E 110 1 CREDIT
 1001005 A T 10:00-11:50 DIERS L
 MEETS: JAN 13-MAY 9

1001010 B R 10:00-11:50 DIERS L
 MEETS: JAN 13-MAY 9

1001015 C R 2:10-4:00 DIERS L
 MEETS: JAN 13-MAY 9

ENG GRPHC&INTRO DSN A E 170 3 CREDITS
 Prereq: SATISFACTORY SCORES IN MATH PLACEMENT
 ASSESSMENTS; CREDIT OR ENROLLMENT IN MATH 142
 6705005 MW 12:10-2:00
 MEETS: JAN 13-MAY 9

SMNR:PREP FOR WRKPL A E 201 1 CREDIT
 Prereq: SOPH CLASSIF IN A E, AST, BSE OR I TEC
 1373005 A MW 4:10-5:00
 MEETS: JAN 13-MARCH 7

PROJ MGT&DESIGN ABE A E 218 2 CREDITS
 Prereq: A E 216
 1067005 A M 8:00-8:50
 W 2:10-4:00
 MEETS: JAN 13-MAY 9

1067010 B M 8:00-8:50
 M 2:10-4:00
 MEETS: JAN 13-MAY 9

PARAM SLD MODEL ENG A E 271 1 CREDIT
 Prereq: ENGR 170 OR TSM 116 OR EQUIVALENT
 9153005 A M 9:00-9:50
 W 8:00-9:50
 MEETS: JAN 13-MARCH 7
 Note: SEC A RESTRICTED TO STUDENTS IN COLLEGE OF
 ENGINEERING.

9153010 B M 9:00-9:50
 W 8:00-9:50
 MEETS: JAN 13-MARCH 7
 Note: SEC B RESTRICTED TO A E, AST & I TEC MAJORS
 ONLY.

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 10-MAY 9
 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 10-MAY 9
 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

AGRICULTURAL ENGINEERING (CONTINUED)

AGRICULTURAL ENGINEERING (CONTINUED)

AGRI TRACTOR POWER A E 342 3 CREDITS
 Prereq: CH E 381 OR M E 231
 Note: SEC A1,B1 RESTRICTED TO A E MAJORS ONLY.
 SEC A2,B2 RESTRICTED TO COLLEGE OF ENGINEERING MAJORS ONLY.
 Available for nonmajor graduate credit
 1008005 A1 MW 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 13-MAY 9
 1008010 A2 MW 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 13-MAY 9
 1008015 B1 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 1008020 B2 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 13-MAY 9

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

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

AGRIC ENGR DESIGN I A E 415 2 CREDITS
 Prereq: A E 271 OR A E 272, E M 324
 Note: COURSE RESTRICTED TO A E, BSE MAJORS ONLY
 Available for nonmajor graduate credit
 8253005 M 12:10-1:00, ARRANGED
 MEETS: JAN 13-MAY 9

AG ENGR DESIGN II A E 416 2 CREDITS
 Prereq: A E 415
 Note: COURSE RESTRICTED TO A E, BSE MAJORS ONLY
 Available for nonmajor graduate credit
 7302005 ARRANGED
 MEETS: JAN 13-MAY 9

AIR POLLUT AIR QUAL A E 424A 1 CREDIT
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1243005 1 TR 9:30-10:50
 MEETS: JAN 14-FEB 13

AIR POLLUT &CLIMATE A E 424B 1 CREDIT
 Prereq: A E 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1364005 1 TR 9:30-10:50
 MEETS: FEB 18-MARCH 27

AIR POLLU&TRANSPRTN A E 424C 1 CREDIT
 Prereq: A E 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1366005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

AIR POLLUT TREATMNT A E 424D 1 CREDIT
 Prereq: A E 424B, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1400005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

AIR POLLUT AG SOURC A E 424E 1 CREDIT
 Prereq: A E 424B, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1404005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

SOIL&WTR MONITR SYS A E 436 3 CREDITS
 Prereq: A E 431 OR PERMISSION OF INSTRUCTOR
 2582005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

MULTIDISC ENGR DSGN A E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 8891005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9

GRAIN PROCESS&HANDL A E 469 3 CREDITS
 Prereq: A E 216
 1371005 MW 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9

ENVIR MODIF SY ANIM A E 472 3 CREDITS
 Prereq: A E 216, M E 231
 1158005 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9

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

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

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

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

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

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

FUND BIORENEW RESOU A E 501 3 CREDITS
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
 4267005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 4267600 XE ARRANGED BROWN R
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

AIR POLLUT AIR QUAL A E 524A 1 CREDIT
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CR IN STAT; SENIOR OR ABOVE CLASSIFICATION
 1862005 1 TR 9:30-10:50
 MEETS: JAN 14-FEB 13

AIR POLLUT &CLIMATE A E 524B 1 CREDIT
 Prereq: A E 524A; PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2026005 1 TR 9:30-10:50
 MEETS: FEB 18-MARCH 27

AIR POLLU&TRANSPRTN A E 524C 1 CREDIT
 Prereq: A E 524A; PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2299005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

AIR POLLUT TREATMNT A E 524D 1 CREDIT
 Prereq: A E 524B; PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2614005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

AIR POLLUT AG SOURC A E 524E 1 CREDIT
 Prereq: A E 524B; PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2677005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

SOIL&WTR MONITR SYS A E 536 3 CREDITS
 Prereq: A E 431 OR A E 531
 2601005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

GRAIN PROCESS&HNDLG A E 569 3 CREDITS
 Prereq: A E 216
 1035005 MW 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9

ENVIR MODIF SY ANIM A E 572 3 CREDITS
 Prereq: A E 216, M E 231
 1036005 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9

MASTER'S TECH COMM A E 598 1 CREDIT
 Satisfactory-Fail Only.
 8332005 ARRANGED
 MEETS: JAN 13-MAY 9

CREATIVE COMPONENT A E 599 VAR. CREDITS
 1044005 ARRANGED
 MEETS: JAN 13-MAY 9

ADVANCED TOPICS A E 690 VAR. CREDITS
 1048005 ARRANGED
 MEETS: JAN 13-MAY 9

AGRICULTURAL ENGINEERING (CONTINUED)

TEACHING PRACTICUM A E 694 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR
 6457005 ARRANGED
 MEETS: JAN 13-MAY 9

ENGINEERG INTERNSHP A E 697 R CREDIT
 Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF Satisfactory-Fail Only.
 1700005 ARRANGED
 MEETS: JAN 13-MAY 9

DOCTORAL TECH COMM A E 698 1 CREDIT
 Satisfactory-Fail Only.
 8333005 ARRANGED
 MEETS: JAN 13-MAY 9

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

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

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

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

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

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

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

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

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

AGRONOMY

PRINCIP OF AGRONOMY AGRON 114 3 CREDITS
 1391010 1 MW 4:10-5:00 MULLEN R
 T 8:00-9:50 MULLEN R
 MEETS: JAN 13-MAY 9
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391015 2 MW 4:10-5:00 MULLEN R
 T 10:00-11:50 MULLEN R
 MEETS: JAN 13-MAY 9
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391020 3 MW 4:10-5:00 MULLEN R
 T 12:10-2:00 MULLEN R
 MEETS: JAN 13-MAY 9
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391025 4 MW 4:10-5:00 MULLEN R
 T 2:10-4:00 MULLEN R
 MEETS: JAN 13-MAY 9
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391030 5 MW 4:10-5:00 MULLEN R
 W 8:00-9:50 MULLEN R
 MEETS: JAN 13-MAY 9
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391035 6 MW 4:10-5:00 MULLEN R
 W 10:00-11:50 MULLEN R
 MEETS: JAN 13-MAY 9
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391040 7 MW 4:10-5:00 MULLEN R
 W 12:10-2:00 MULLEN R
 MEETS: JAN 13-MAY 9
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391045 8 MW 4:10-5:00 MULLEN R
 W 2:10-4:00 MULLEN R
 MEETS: JAN 13-MAY 9
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391050 9 MW 4:10-5:00 MULLEN R
 R 9:00-10:50 MULLEN R
 MEETS: JAN 13-MAY 9
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391600 XW ARRANGED MULLEN R
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

1391055 10 MW 4:10-5:00 MULLEN R
 R 11:00-1:00 MULLEN R
 MEETS: JAN 13-MAY 9
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

AGRONOMY (CONTINUED)

INTR RENEW RESOURCS AGRON 120 3 CREDITS
 1382005 MWF 12:10-1:00 HALL R
 MEETS: JAN 13-MAY 9

1382600 XW ARRANGED HALL R
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

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

1395010 1 M 12:10-1:00 MANU A
 T 9:00-9:50, ARRANGED MANU A
 MEETS: JAN 13-MAY 9
 Section info: <http://www.agron.iastate.edu/soils/>

1395015 2 M 12:10-1:00 MANU A
 T 10:00-10:50 MANU A
 ARRANGED MANU A
 MEETS: JAN 13-MAY 9
 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 13-MAY 9
 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 13-MAY 9
 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 13-MAY 9
 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 13-MAY 9
 Section info: <http://www.agron.iastate.edu/soils/>

1395040 7 M 4:10-5:00 MANU A
 W 11:00-11:50 MANU A
 ARRANGED MANU A
 MEETS: JAN 13-MAY 9
 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 13-MAY 9
 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 13-MAY 9
 Section info: <http://www.agron.iastate.edu/soils/>

1395600 XC ARRANGED HASSELMAN E
 MEETS: JAN 13-MAY 9
 Note: Section XC is off campus
 Course delivery is CD
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

1395055 10 M 12:10-1:00 MANU A
 W 2:10-3:00, ARRANGED MANU A
 MEETS: JAN 13-MAY 9

1395060 11 M 4:10-5:00 MANU A
 R 2:10-3:00, ARRANGED MANU A
 MEETS: JAN 13-MAY 9

1395065 12 M 12:10-1:00 MANU A
 W 3:10-4:00, ARRANGED MANU A
 MEETS: JAN 13-MAY 9

SOILS HORT SCIENTST AGRON 155 3 CREDITS
 Prereq: CHEM 163, CLASSIFICATION IN HORT MAJOR
 Note: COURSE RESTRICTED TO HORT MAJORS ONLY. 2-4 HRS AUDIO TUTORIAL IN ADDITION TO SCHEDULED CLASS PERIODS. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: AGRON 154, AGRON 155, AGRON 156.

6154005 1 M 12:10-1:00 MANU A
 W 1:10-2:00, ARRANGED MANU A
 MEETS: JAN 13-MAY 9
 Section info: <http://www.agron.iastate.edu/soils/>

6154010 2 M 12:10-1:00 MANU A
 W 3:10-4:00, ARRANGED MANU A
 MEETS: JAN 13-MAY 9
 Section info: <http://www.agron.iastate.edu/soils/>

WORLD WATER RESOURC AGRON 160 3 CREDITS
 3243005 MWF 9:00-9:50 FRANZ K
 MEETS: JAN 13-MAY 9

INTRO WEATHER&CLIMT AGRON 206 3 CREDITS
 1397005 MWF 2:10-3:00 FLORY D
 MEETS: JAN 13-MAY 9

AGRONOMY

(CONTINUED)

AGRONOMY

(CONTINUED)

CROP GRWTH,PROD&MGT AGRON 212 3 CREDITS
 Prereq: AGRON 114
 1399005 1 MWF 11:00-11:50 MIGUEZ F
 MEETS: JAN 13-MAY 9

FIELD APP CROP PROD AGRON 212L 1 CREDIT
 Prereq: AGRON 154, CREDIT OR ENROLLMENT IN AGRON 212
 6394005 1 T 8:00-9:50 CHRISTIAN E
 MEETS: JAN 13-MAY 9
 6394010 2 T 2:10-4:00 CHRISTIAN E
 MEETS: JAN 13-MAY 9
 6394015 3 W 8:00-9:50 CHRISTIAN E
 MEETS: JAN 13-MAY 9
 6394020 4 W 2:10-4:00 CHRISTIAN E
 MEETS: JAN 13-MAY 9

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

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

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

PESTICIDE APPL CERT AGRON 283 2 CREDITS
 1905005 A MW 2:10-3:00 HOLSCHER K
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN AGRON 298 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR, SOPHOMORE CLASSIFICATION
 1401005 ARRANGED BURRAS C
 MEETS: JAN 13-MAY 9

PROF DEVEL:WORK EXP AGRON 310 R CREDIT
 Satisfactory-Fail Only.
 1389005 ARRANGED WIEDENHOEFT M
 MEETS: JAN 13-MAY 9

CROP STRUC-FUNC REL AGRON 316 3 CREDITS
 Prereq: BIOL 212 RECOMMENDED
 1406005 MWF 2:10-3:00 KNAPP A
 MEETS: JAN 13-MAY 9

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 13-MAY 9

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

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

WORLD FOOD ISSUES AGRON 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 1402005 1 TR 11:00-12:20 ZDORKOWSKI G
 MEETS: JAN 13-MAY 9
 1402010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 13-MAY 9
 Note: SEC. 2 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 1402015 3 TR 2:10-3:30 ZDORKOWSKI G
 MEETS: JAN 13-MAY 9
 1402020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 13-MAY 9
 Note: SEC. 4 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 1402600 XW ARRANGED FORD C
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

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

SOIL&PLANT GRWTH LB AGRON 354L 1 CREDIT
 Prereq: AGRON OR HORT MAJOR WITH CREDIT OR
 ENROLLMENT IN AGRON 354
 Note: COURSE RESTRICTED TO AGRON & HORT MAJORS ONLY.
 8362005 1 T 12:10-3:00 CHUA T
 MEETS: JAN 13-MAY 9
 8362010 2 T 3:10-6:00PM HASSELMAN E
 MEETS: JAN 13-MAY 9
 8362015 3 R 1:10-4:00
 MEETS: JAN 13-MAY 9

ENVIRN SOIL SCIENCE AGRON 360 3 CREDITS
 Prereq: AGRON 154 OR ENSCI 250 OR GEOL 201
 3989005 1 MW 9:00-9:50 BURRAS C
 M 1:10-4:00 BURRAS C
 MEETS: JAN 13-MAY 9
 3989010 2 MW 9:00-9:50 BURRAS C
 W 2:10-5:00 BURRAS C
 MEETS: JAN 13-MAY 9

FLD EXP SOIL DESCRP AGRON 370 1 CREDIT
 Prereq: AGRON 154 AND PERMISSION OF INSTRUCTOR
 1417005 R 3:10-6:00PM BURRAS C
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.
 1417010 2 ARRANGED BURRAS C
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

AGRO SCI THY&PRAC TC AGRON 388X 1 CREDIT
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 9363005 R 4:10-5:00 THOMPSON M
 MEETS: JAN 13-MAY 9

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

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

GLOBAL CHANGE AGRON 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING, JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO GE AT MAJORS ONLY
 Available for nonmajor graduate credit
 8140005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 13-MAY 9
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR MAJOR
 ONLY
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

MESOSCALE METEORLGY AGRON 407 3 CREDITS
 Prereq: MATH 166, MTEOR 443
 1059005 TR 9:30-10:50 GALLUS W
 MEETS: JAN 13-MAY 9

PRO DEVELP SR FORUM AGRON 410 1 CREDIT
 Prereq: SENIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
 1428005 A T 2:10-3:00 LAMKEY K
 MEETS: JAN 13-MAY 9

SOIL FORMATN&LANDSC AGRON 463 4 CREDITS
 Prereq: AGRON 154 OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR
 IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 Available for nonmajor graduate credit
 1435010 1 TR 10:00-10:50 BURRAS C
 T 2:10-5:00 BURRAS C
 ARRANGED
 MEETS: JAN 13-MAY 9

SOIL PHYSICS AGRON 477 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 & MATH 166
 3144005 MWF 10:00-10:50 HORTON R
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY AGRON 490G 1-3 CREDITS
 Prereq: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON
 INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER CONSULTATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

AGRONOMY

(CONTINUED)

INDEP STUDY HONORS AGRON 490H 1- 3 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 OF 128 CREDITS REQUIRED FOR
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AGRONOMY WORKSHOP AGRON 493 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 6804005 ARRANGED
 MEETS: JAN 13-MAY 9

AG INT'L TRAVL TOUR AGRON 496A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 9433800 AU ARRANGED LUVAGA E
 MEETS: MARCH 14-23
 Note: SEC AU TAUGHT IN AUSTRALIA. TOPIC: AGRICULTURAL
 PRODUCTION, BUSINESS AND TRADE IN AUSTRALIA
 STUDY ABROAD SPRING 2014. OFFERED FOR 3 CREDITS.
 Study Abroad Administrative Fee Applies

COOPERATIVE EDUCATN AGRON 498 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 1416005 ARRANGED
 MEETS: JAN 13-MAY 9

CROP GROWTH &DEVELP AGRON 501 3 CREDITS
 Prereq: AGRON 114, MATH 140, CHEM 163, BIOL 101
 6438600 XW ARRANGED KNAPP A
 MEETS: JAN 13-MAY 9
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS IN AGRONOMY AND MS IN PLANT BREEDING ONLINE DEGREE
 PROGRAMS. ALL OTHER MAJORS CONTACT THE MS IN AGRONOMY
 PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://masters.agron.iastate.edu/techtest>

CLIMATE &CROP GRWTH AGRON 503 3 CREDITS
 Prereq: AGRON 114 AND MATH 140
 Note: CREDIT FOR EITHER AGRON 503 OR AGRON 541, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 6453600 XW ARRANGED ANDERSON C
 MEETS: JAN 13-MAY 9
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY ONLINE DEGREE PROGRAM. ALL OTHER MAJORS
 CONTACT THE MS IN AGRONOMY PROGRAM OFFICE AT
 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://masters.agron.iastate.edu/techtest>

GLOBAL CHANGE AGRON 504 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES
 OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING
 Note: RESTRICTED TO GE AT, EEOB MAJORS ONLY
 8143005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 13-MAY 9

MESOSCALE MTEOROLGY AGRON 507 3 CREDITS
 Prereq: MATH 166 AND MTEOR 454
 5266005 TR 9:30-10:50 GALLUS W
 MEETS: JAN 13-MAY 9

CROP IMPROVEMENT AGRON 511 3 CREDITS
 Prereq: AGRON 114, MATH 140, CHEM 163,
 BIOL 101/BIOL 109
 6455600 XW ARRANGED
 MEETS: JAN 13-MAY 9
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY ONLINE DEGREE PROGRAM. ALL OTHER MAJORS
 CONTACT THE MS IN AGRONOMY PROGRAM OFFICE AT
 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://masters.agron.iastate.edu/techtest>

SOIL-PLANT ENVIRONM AGRON 512 3 CREDITS
 Prereq: AGRON 502, AGRON 501 RECOMMENDED.
 6481600 XW ARRANGED LOYNACHAN T
 MEETS: JAN 13-MAY 9
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY ONLINE DEGREE PROGRAM. ALL OTHER MAJORS
 CONTACT THE MS IN AGRONOMY PROGRAM OFFICE AT
 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://masters.agron.iastate.edu/techtest>

AGRONOMY

(CONTINUED)

QUANTITATIVE METHDS AGRON 513 3 CREDITS
 Prereq: AGRON 114, MATH 140, STAT 104
 6456600 XW ARRANGED HARBUR M
 MEETS: JAN 13-MAY 9
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY & MS IN PLANT BREEDING ONLINE DEGREE
 PROGRAMS. ALL OTHER MAJORS CONTACT THE MS IN AGRONOMY
 PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://masters.agron.iastate.edu/techtest>

MICROWV REMOTE SENS AGRON 518 3 CREDITS
 Prereq: MATH 265 OR EQUIVALENT
 3075005 TR 11:00-12:30
 MEETS: JAN 13-MAY 9

HERBICIDE PHY&BIOCH AGRON 519 2 CREDITS
 Prereq: AGRON 317, BIOL 330
 1446005 ARRANGED
 MEETS: JAN 13-MAY 9

PLANT BREEDG METHDS AGRON 520X 3 CREDITS
 Prereq: AGRON 527
 9131005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 9131600 XW ARRANGED FEHR W
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

MOLECLR PLANT BREED AGRON 523 3 CREDITS
 Prereq: AGRON 421 OR AGRON 521, GDCB 542A
 9206005 TR 8:00-9:20 LUBBERSTEDT T
 MEETS: JAN 13-MAY 9
 9206600 XW ARRANGED LUBBERSTEDT T
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

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 13-MAY 9

QNTV GENET PLT BRDG AGRON 528X 3 CREDITS
 Prereq: AGRON 506 AND AGRON 513
 9478600 XW ARRANGED BEAVIS W
 MEETS: JAN 13-MAY 9
 Note: ALL MATERIALS WILL BE PROVIDED VIA BLACKBOARD OR
 E-LIBRARY.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

APPLD AG METEOROLGY AGRON 541 2- 3 CREDITS
 Prereq: AGRON 206 OR UPPER DIVISION BIOLOGICAL
 SCIENCE
 Note: CREDIT FOR EITHER AGRON 541 OR AGRON 503, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 1454005 ARRANGED TAYLOR S
 MEETS: JAN 13-MAY 9

PERENNIAL GRASSES AGRON 551 2 CREDITS
 Prereq: JUNIOR OR SENIOR OR GRAD CLASSIFICATION
 OR PERMISSION OF INSTRUCTOR
 1458005 MW 10:00-10:50
 MEETS: JAN 13-MAY 9

SOIL FORMATN&LANDSC AGRON 563 4 CREDITS
 Prereq: AGRON 154 OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 563 OR
 IA LL/AGRON/ENSCI 563I BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 3237010 1 TR 10:00-10:50 BURRAS C
 T 2:10-5:00 BURRAS C
 ARRANGED
 MEETS: JAN 13-MAY 9

SOIL PHYSICS AGRON 577 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 AND MATH 166
 1464005 MWF 10:00-10:50 HORTON R
 MEETS: JAN 13-MAY 9

LAB MTHD SOIL PHYS AGRON 578 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN AGRON 477
 OR AGRON 577
 1465005 M 1:10-4:00 HORTON R
 MEETS: JAN 13-MAY 9

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: AGRON 511, AGRON 513, AGRON 531,
 AGRON 532, AGRON 533
 2042600 XW ARRANGED WIEDENHOEFT M
 MEETS: JAN 13-MAY 9
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY ONLINE DEGREE PROGRAM. ALL OTHER MAJORS
 CONTACT THE MS IN AGRONOMY PROGRAM OFFICE AT
 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://masters.agron.iastate.edu
 /techtest

CURRNT ISSUES AGRON AGRON 592 3 CREDITS
 Prereq: AGRON 501, AGRON 503, AGRON 511,
 AGRON 512, AGRON 513, AGRON 514
 2044600 XW ARRANGED FALES S
 MEETS: JAN 13-MAY 9
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY ONLINE DEGREE PROGRAM. ALL OTHER MAJORS
 CONTACT THE MS IN AGRONOMY PROGRAM OFFICE AT
 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://masters.agron.iastate.edu
 /techtest

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

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

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1474005 ARRANGED
 MEETS: JAN 13-MAY 9
 1474010 2 ARRANGED
 MEETS: JAN 13-MAY 9

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

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

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

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

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

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

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

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

CREATV COMPON AGRON AGRON 599M VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 Satisfactory-Fail Only.
 6508600 XA ARRANGED
 MEETS: JAN 13-MAY 9
 Note: CONTACT AGRONOMY OFFICE FOR PERMISSION TO
 REGISTER AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 SEC XA OFFERED FOR 1-3 CREDITS FOR SPRING 2014.
 Department permission required.
 Section XA is off campus
 Course delivery is Independent study
 Cmptr reqmt: http://masters.agron.iastate.edu
 /techtest

6508605 XB ARRANGED LOYNACHAN T
 MEETS: JAN 13-MAY 9
 Note: CONTACT AGRONOMY OFFICE FOR PERMISSION TO
 REGISTER AT 515-294-2999 OR MSAGRON@IASTATE.EDU.

AGRONOMY

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CREATV COMPON AGRON AGRON 599M VAR. CREDITS
 SEC XB OFFERED FOR 1 CREDIT FOR SPRING 2014.
 Department permission required.
 Section XB is off campus
 Course delivery is Independent study
 Cmptr reqmt: http://masters.agron.iastate.edu
 /techtest

PLANT BREEDING SEM AGRON 600A 1 CREDIT
 1481005 W 4:10-5:00
 MEETS: JAN 13-MAY 9

SOILS SEMINAR AGRON 600B 1 CREDIT
 1482005 W 4:10-5:00
 MEETS: JAN 13-MAY 9

AGRONMC SCI PRESNTN AGRON 601X 2 CREDITS
 Prereq: GRADUATE STATUS IN AGRONOMIC SCIENCES
 9551005 TR 12:40-2:00 HORTON R
 MEETS: JAN 13-MAY 9

AG METEOROLOGY CONF AGRON 609 1 CREDIT
 1484005 Prereq: PERMISSION OF INSTRUCTOR
 ARRANGED
 MEETS: JAN 13-MAY 9

GENET STRAT PLT BRD AGRON 625 3 CREDITS
 Prereq: AGRON 521, GEN 510
 1489005 TR 11:00-12:20 LEE M
 MEETS: JAN 13-MAY 9

RESEARCH SEMINAR AGRON 696 1 CREDIT
 Satisfactory-Fail Only.
 8829005 W 4:10-5:30
 MEETS: JAN 13-MAY 9

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

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

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

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

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

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

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

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

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

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

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

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

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

AIR FORCE AEROSPACE STUDIES

INTRO LEADER LAB II AFAS 102 1 CREDIT
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 8730005 T 6:30-7:50 WITTHOEFT B
 MEETS: JAN 13-MAY 9
 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 HOLLMAN R
 MEETS: JAN 13-MAY 9
 1261010 B W 1:10-2:00 HOLLMAN R
 MEETS: JAN 13-MAY 9

AIR FORCE AEROSPACE STUDIES (CONTINUED)

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

BASIC LDRSHP LAB II AFAS 202 1 CREDIT
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 8732005 T 6:30-7:50 WITTHOFT B
 MEETS: JAN 13-MAY 9
 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 WITTHOFT B
 MEETS: JAN 13-MAY 9
 1263010 B R 8:00-8:50 WITTHOFT B
 MEETS: JAN 13-MAY 9

INTMD LDRSHP LAB II AFAS 302 1 CREDIT
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 8734005 T 6:30-7:50 WITTHOFT B
 MEETS: JAN 13-MAY 9
 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

AIR F LDRSHP STU II AFAS 342 3 CREDITS
 Prereq: AFAS 341
 1265005 A TR 11:00-12:20 STEPHENS J
 MEETS: JAN 13-MAY 9
 1265010 B TR 2:10-3:30 STEPHENS J
 MEETS: JAN 13-MAY 9

ADV LEADRSH LAB II AFAS 402 1 CREDIT
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 8736005 T 6:30-7:50 WITTHOFT B
 MEETS: JAN 13-MAY 9
 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

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

AMERICAN INDIAN STUDIES

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

INTRO AM INDIAN LIT AM IN 240 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 OR ENGL 104
 Note: Meets U.S. diversity reqmt
 5612005 A TR 12:40-2:00 COPPOC J
 MEETS: JAN 13-MAY 9

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

CUR ISSU NATIV N AM AM IN 332 3 CREDITS
 Prereq: ANTHR 201 OR 306; AM IN 210 OR ANTHR
 322 RECOMMENDED
 Note: Meets U.S. diversity reqmt
 6348005 TR 11:00-12:20 HILL C
 MEETS: JAN 13-MAY 9

AMERICAN INDIAN STUDIES (CONTINUED)

AM INDIAN WMN WRITE AM IN 342 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 1493600 XW ARRANGED COPPOC J
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WW

AMERICAN INDIAN LIT AM IN 346 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 1511005 A1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 1511010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

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

ANIMAL ECOLOGY

FISH BIOLOGY A ECL 321 3 CREDITS
 Prereq: A ECL 365
 1064010 MW 9:00-9:50 ROE K
 M 3:10-6:00PM ROE K
 MEETS: JAN 13-MAY 9

NAT HIST IOWA VERTE A ECL 366 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
 2722005 1 MW 10:00-10:50 STEWART T
 T 9:00-11:50 STEWART T
 MEETS: JAN 13-MAY 9
 2722010 2 MW 10:00-10:50 STEWART T
 F 10:00-12:50 STEWART T
 MEETS: JAN 13-MAY 9

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

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

ORNITHOLOGY A ECL 458 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2766005 1 MW 10:00-10:50 DINSMORE S
 MEETS: JAN 13-MAY 9
 2766010 2 MW 10:00-10:50 DINSMORE S
 MEETS: JAN 13-MAY 9

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

MAMMALOLOGY A ECL 459 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2768005 1 MW 2:10-3:00
 MEETS: JAN 13-MAY 9
 2768010 2 MW 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: Materials, field trips &/or travel fee \$25.00

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

AVIAN ECOLOGY A ECL 516 3 CREDITS
 Prereq: A ECL 312, A ECL 365 OR GRADUATE STANDING
 Note: Instructor permission required 1st week.
 8094005 MW 3:10-4:30 DINSMORE S
 MEETS: JAN 13-MAY 9

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

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

ANIMAL ECOLOGY

(CONTINUED)

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 13-MAY 9

1527010 2 W 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 9

1527015 3 W 10:00-10:50
 F 12:10-2:00
 MEETS: JAN 13-MAY 9

1527020 4 W 10:00-10:50
 F 2:10-4:00
 MEETS: JAN 13-MAY 9

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

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

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

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

1621010 2 W 3:10-5:00
 MEETS: JAN 13-MAY 9

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

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

DOM AN ANAT&PHY LAB AN S 214L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN AN S 214
 1545005 1 T 8:00-9:50
 MEETS: JAN 13-MAY 9

1545010 2 T 10:00-11:50
 MEETS: JAN 13-MAY 9

1545015 3 T 12:10-2:00
 MEETS: JAN 13-MAY 9

1545020 4 R 2:10-4:00
 MEETS: JAN 13-MAY 9

1545025 5 R 12:10-2:00
 MEETS: JAN 13-MAY 9

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

4825010 2 TR 9:00-9:50
 M 12:10-2:00
 MEETS: JAN 13-MAY 9

4825015 3 TR 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 13-MAY 9

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

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

8087010 2 MW 2:10-3:00
 R 12:10-2:00
 MEETS: JAN 13-MAY 9

8087015 3 MW 2:10-3:00
 R 8:00-9:50
 MEETS: JAN 13-MAY 9

8087020 4 MW 2:10-3:00
 R 2:10-4:00
 MEETS: JAN 13-MAY 9

ANIMAL SCIENCE

(CONTINUED)

SWINE SCIENCE AN S 225 3 CREDITS
 Prereq: 114, 101
 Note: SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY
 SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.

1725005 1A MF 10:00-10:50
 W 8:00-9:50
 MEETS: JAN 13-MAY 9

1725010 1B MF 10:00-10:50
 W 8:00-9:50
 MEETS: JAN 13-MAY 9

1725015 2A MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 13-MAY 9

1725020 2B MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 13-MAY 9

1725025 3A MF 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 13-MAY 9

1725030 3B MF 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 13-MAY 9

1725035 4A MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 13-MAY 9

1725040 4B MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 13-MAY 9

BEEF CATTLE SCIENCE AN S 226 3 CREDITS
 Prereq: 114, 101
 Note: SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY
 SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.

1726005 1A MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 13-MAY 9

1726010 1B MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 13-MAY 9

1726015 2A MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 13-MAY 9

1726020 2B MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 13-MAY 9

1726025 3A MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 13-MAY 9

1726030 3B MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 13-MAY 9

1726035 4A MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 13-MAY 9

1726040 4B MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 13-MAY 9

SHEEP SCIENCE AN S 229 3 CREDITS
 Prereq: 114, 101

1727005 1 MW 1:10-2:00
 T 10:00-11:50
 MEETS: JAN 13-MAY 9

1727010 2 MW 1:10-2:00
 T 12:10-2:00
 MEETS: JAN 13-MAY 9

1727015 3 MW 1:10-2:00
 T 2:10-5:00
 MEETS: JAN 13-MAY 9

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

FOODS ANIMAL ORIGIN AN S 270 2 CREDITS
 Prereq: BIOL 212, CHEM 163 OR CHEM 177
 1524005 1 TR 8:00-8:50
 MEETS: JAN 13-MAY 9

FOODS ANIM ORIG LAB AN S 270L 1 CREDIT
 Prereq: CREDIT OR CURRENT ENROLLMENT IN AN S 270

7169005 1 W 10:00-11:50
 MEETS: JAN 13-MAY 9

7169010 2 W 12:10-2:00
 MEETS: JAN 13-MAY 9

7169015 3 W 8:00-9:50
 MEETS: JAN 13-MAY 9

BASIC SWINE SCIENCE AN S 280X 2 CREDITS
 Prereq: 101, 114
 6904600 XF ARRANGED BAAS T
 MEETS: JAN 21-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Instructor permission required 1st week.
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

6904605 XH ARRANGED BAAS T
 MEETS: JAN 21-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

EQUINE EVALUATION AN S 306 3 CREDITS
 Prereq: SOPH CLASSIFICATN OR INSTRUCTOR PERMISSN
 3582005 1 MW 4:10-5:30 ARRANGED
 MEETS: JAN 13-MAY 9

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

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

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

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

DAIRY CATTLE EVALUA AN S 335 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 1533005 1 TR 4:10-5:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 9

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

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 13-MAY 9

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 13-MAY 9
 1534015 2 MW 9:00-9:50
 T 10:00-11:50
 MEETS: JAN 13-MAY 9
 1534020 3 MW 9:00-9:50
 T 12:10-2:00
 MEETS: JAN 13-MAY 9

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

TP SWINE INDUS ISSU AN S 380B 1 CREDIT
 Prereq: AN S 225, OR AN S 280X AND AN S 280L
 7350600 XF ARRANGED STERLE J
 MEETS: JAN 21-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 7350605 XH ARRANGED STERLE J
 MEETS: JAN 21-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

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

SWINE ENVIRONMT MGT AN S 382X 1 CREDIT
 Prereq: AN S 225, OR AN S 280X AND 280L.
 TSM 210 IS RECOMMENDED.
 9688600 XF ARRANGED HARMON J
 MEETS: JAN 21-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

9688605 XH ARRANGED HARMON J
 MEETS: JAN 21-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

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

9689605 XH ARRANGED KARRIKER L
 MEETS: JAN 21-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR
 1538005 1 ARRANGED
 MEETS: JAN 13-MAY 9

SUPERV'D INTERNSHIP AN S 399B 2- 6 CREDITS
 Prereq: PERMISSION OF INTERNSHIP COORDINATOR
 2258005 1 ARRANGED
 MEETS: JAN 13-MAY 9

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

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

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

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

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

APP DAIRY FARM EVAL AN S 435 3 CREDITS
 Prereq: 434, ECON 230
 Note: Available for nonmajor graduate credit
 8618005 1 MW 1:10-2:00
 F 8:00-9:50
 MEETS: JAN 13-MAY 9

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

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

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

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 13-MAY 9

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

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 13-MAY 9

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

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 13-MAY 9

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

PORK INDU LDR FELLOW AN S 480C 1 CREDIT
 Prereq: 225, INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 4509005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

ISSUES FOOD SAFETY AN S 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS
 HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
 8348005 MW 2:10-3:00 RAJAGOPAL L
 MEETS: JAN 13-MARCH 7

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

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
 1539015 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SECTION 1 IS FOR TRAVEL IN THE WESTERN U.S-
 INCLUDING KS, CO, WY, ID, MT AND NE.
 Instructor permission required.

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

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

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

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

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

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

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

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

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

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

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

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

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

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

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

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

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

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

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

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

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

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

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

AN BREEDG GOALS&SEL AN S 652A 2 CREDITS
 Prereq: 561
 Note: Instructor permission required 1st week.
 1598005 1 ARRANGED
 MEETS: JAN 13-MAY 9

DSIGN&EV BREED PROG AN S 652B 2 CREDITS
 Prereq: 561
 7584005 1 ARRANGED
 MEETS: JAN 13-MAY 9

STAT MTHD MAP TRAIT AN S 656 2 CREDITS
 Prereq: AN S 562, STAT 447
 2055005 1 ARRANGED
 MEETS: JAN 13-MAY 9

SEM AN BREEDG&GENET AN S 658 1 CREDIT
 7083005 1 T 11:00-11:50
 MEETS: JAN 13-MAY 9

SEMINAR MEAT SCIENC AN S 684 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1604005 1 T 12:10-1:00
 MEETS: JAN 13-MAY 9

SEMINAR MUSCLE BIOL AN S 685 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1605005 1 ARRANGED
 MEETS: JAN 13-MAY 9

SEMINAR ANIMAL SCI AN S 695 1 CREDIT
 Satisfactory-Fail Only.
 7289005 1 F 3:10-4:00
 MEETS: JAN 13-MAY 9

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 VIATORI M
 W 11:00-11:50 VIATORI M
 MEETS: JAN 13-MAY 9

1615010 2 MW 10:00-10:50 VIATORI M
 W 12:10-1:00 VIATORI M
 MEETS: JAN 13-MAY 9

1615015 3 MW 10:00-10:50 VIATORI M
 W 1:10-2:00 VIATORI M
 MEETS: JAN 13-MAY 9

1615020 4 MW 10:00-10:50 VIATORI M
 W 2:10-3:00 VIATORI M
 MEETS: JAN 13-MAY 9

1615025 5 MW 10:00-10:50 VIATORI M
 W 3:10-4:00 VIATORI M
 MEETS: JAN 13-MAY 9

1615030 6 MW 10:00-10:50 VIATORI M
 W 4:10-5:00 VIATORI M
 MEETS: JAN 13-MAY 9

1615035 7 MW 10:00-10:50 VIATORI M
 R 8:00-8:50 VIATORI M
 MEETS: JAN 13-MAY 9

1615040 8 MW 10:00-10:50 VIATORI M
 R 9:00-9:50 VIATORI M
 MEETS: JAN 13-MAY 9

1615045 9 MW 10:00-10:50 VIATORI M
 R 10:00-10:50 VIATORI M
 MEETS: JAN 13-MAY 9

1615050 10 MW 10:00-10:50 VIATORI M
 R 11:00-11:50 VIATORI M
 MEETS: JAN 13-MAY 9

1615055 11 MW 10:00-10:50 VIATORI M
 R 12:10-1:00 VIATORI M
 MEETS: JAN 13-MAY 9

1615060 12 MW 10:00-10:50 VIATORI M
 R 1:10-2:00 VIATORI M
 MEETS: JAN 13-MAY 9

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

1615070 14 MW 10:00-10:50 VIATORI M
 R 3:10-4:00 VIATORI M
 MEETS: JAN 13-MAY 9

INTR BIOL AN&ARCHEO ANTHR 202 3 CREDITS

1616005 1 MW 9:00-9:50 HILL M
 M 10:00-10:50 HILL M
 MEETS: JAN 13-MAY 9

1616010 2 MW 9:00-9:50 HILL M
 M 11:00-11:50 HILL M
 MEETS: JAN 13-MAY 9

1616015 3 MW 9:00-9:50 HILL M
 M 12:10-1:00 HILL M
 MEETS: JAN 13-MAY 9

1616020 4 MW 9:00-9:50 HILL M
 M 1:10-2:00 HILL M
 MEETS: JAN 13-MAY 9

1616025 5 MW 9:00-9:50 HILL M
 M 2:10-3:00 HILL M
 MEETS: JAN 13-MAY 9

1616600 XW ARRANGED HILL M
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WW

GLOBLIZTN &SUSTAINB ANTHR 220 3 CREDITS
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT
 TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt

3753005 1 MWF 11:00-11:50

GLOBALZAT&HUMN COND ANTHR 230 3 CREDITS
 Note: Meets international perspectives reqmt

7017005 1 TR 8:00-9:20 TESHOME Y
 MEETS: JAN 13-MAY 9

CULTURL ANTHROPOLGY ANTHR 306 3 CREDITS
 Prereq: 201
 Note: Meets international perspectives reqmt

1617005 1 MW 10:00-10:50 GABIAM N
 T 8:00-9:50 GABIAM N
 MEETS: JAN 13-MAY 9

1617010 2 MW 10:00-10:50 GABIAM N
 T 10:00-11:50 GABIAM N
 MEETS: JAN 13-MAY 9

1617015 3 MW 10:00-10:50 GABIAM N
 T 12:10-2:00 GABIAM N
 MEETS: JAN 13-MAY 9

1617020 4 MW 10:00-10:50 GABIAM N
 T 2:10-4:00 GABIAM N
 MEETS: JAN 13-MAY 9

ANTHROPOLOGY (CONTINUED)

ANTHROPOLOGY (CONTINUED)

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

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

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

ASIAN AM MATRL CULT ANTHR 333 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9136005 MWF 11:00-11:50 DUSSELIER J
 MEETS: JAN 13-MAY 9

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

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

FORENSIC ANTHROPOLOGY ANTHR 424 3 CREDITS
 Prereq: 202 OR 307. 319 RECOMMENDED.
 7719005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

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

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

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

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

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

BIOL ANTH:POP CONSV ANTHR 482C 3 CREDITS
 Prereq: 307
 7694005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

INDEP STDY ARCHAEOLOGY 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

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

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

CUR ISSU NATIV N AM ANTHR 532 3 CREDITS
 Prereq: 6 CREDITS IN ANTHR, 201 OR 306; 322 OR
 AM IN 210 RECOMMENDED
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 7532005 TR 11:00-12:20 HILL C
 MEETS: JAN 13-MAY 9

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

SEMINAR FORENSIC SCI ANTHR 541 1 CREDIT
 Prereq: ONE 200-LEVEL SCIENCE COURSE OR
 GRADUATE CLASSIFICATION
 5249005 W 2:10-3:00
 MEETS: JAN 13-MAY 9

RSRCH&PRSNL FORENSIC ANTHR 542 1 CREDIT
 5259005 ARRANGED
 MEETS: JAN 13-MAY 9

ARCHAEOLOGY SEMINAR ANTHR 555 3 CREDITS
 Prereq: 308 OR 429
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 Instructor permission required 1st week.
 1652005 W 5:10-8:00PM HILL M
 MEETS: JAN 13-MAY 9

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

GRAD INDEPNDNT STDY ANTHR 590 1- 4 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

APPAREL, EVENTS & HOSPITALITY MGMT

ORIENTN AP, EVNT, HSP AESHM 112X 1 CREDIT
 Prereq: CLASSIFICATION IN AN AESHM DEPARTMENT
 MAJOR
 9378005 1 M 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO HRI, HSP M, EVENT
 MAJORS ONLY
 9378010 2 M 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 2 RESTRICTED TO A M D MAJORS ONLY

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

PROFNSL DEVELOPMENT AESHM 113X 2 CREDITS
 Prereq: NEW STUDENTS: CONCURRENT ENROLLMENT
 IN AESHM 112X
 9395005 1 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO HRI, HSP M, EVENT T MAJORS ONLY
 9395010 2 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 Note: SEC 2 RESTRICTED TO A M D MAJORS ONLY

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

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

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

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

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

LDRSH EXP RNC&DEVEL AESHM 211X 3 CREDITS
 9596005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

CRTV THINK&PRB SOLV AESHM 222X 3 CREDITS
 9595005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO A M S, EVENT, HRI, HSP M MAJORS ONLY
 9595010 2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC 2 FOR MAJORS OTHER THAN A M D, EVENT, HRI OR HSP M.

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

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

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

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

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

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

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

ORIEN INT'L FLD STU AESHM 281 1 CREDIT
 1293005 CN R 7:10-8:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC CN ORIENTATION FOR STUDY ABROAD TRIP TO CHINA SPRING 2014
 Instructor permission required.

PRIN MGMT HUMAN SCI AESHM 287 3 CREDITS
 4608005 1A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO HRI, HOSP M, EVENT MAJORS ONLY
 4608010 1B MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1B RESTRICTED TO A M D, AMDP STUDENTS ONLY
 4608015 1C MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1C FOR MAJORS OTHER THAN AMDP, HRI, HSP M, EVENT, T C.

SEM CAREERS&INTERNS AESHM 311 1 CREDIT
 Prereq: AESHM 111, SOPHOMORE CLASSIFICATION, GOOD ACADEMIC STANDING
 2920005 1 T 4:10-6:00PM
 MEETS: JAN 13-MARCH 7
 Note: SEC 1 RESTRICTED TO AMDP, T C MAJORS ONLY
 2920010 2 T 4:10-6:00PM
 MEETS: JAN 13-MARCH 7
 Note: SEC 2 RESTRICTED TO HRI, HSP M, EVENT MAJORS

HSPTY&APPARL MARKTG AESHM 340 3 CREDITS
 Prereq: ECON 101
 2921005 A TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO CS A, CS H HRI, HSP M, EVENT MAJORS
 2921010 B TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC B RESTRICTED TO T C, AMDP MAJORS ONLY
 2921015 C TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC C RESTRICTED TO MAJORS OTHER THAN A M D, AMDP, CS A, CS H & T C MAJORS

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

AESTHTCS CNSMR EXPC AESHM 342 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4609005 1A MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO HRI, HSP M, EVENT MAJORS.

4609010 1B MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1B RESTRICTED TO AMD, AMDP, T C MAJORS

4609015 1C MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1C FOR MAJORS OTHER THAN HRI, HSP M, EVENT, T C.

BRAND MGMT&PROMOTNS AESHM 377 3 CREDITS
 Prereq: A M D 245; AESHM 340 OR MKT 340
 Note: COURSE RESTRICTED TO A M D, EVENT, HSP M MAJORS ONLY

6626005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

U.S. FIELD STUDY AESHM 380 1- 3 CREDITS
 Prereq: 9 CREDITS IN AESHM, HRI, EVENT, AND/OR A M D; SOPHOMORE CLASSIFICATION; MINIMUM 2.0 GPA. PERMISSION BY APPLICATION.
 Note: OFFERED FOR 2 CREDIT SPRING 2013
 Instructor permission required.
 Field trips & travel fee \$400.00-\$1,500.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN AESHM 398 R CREDIT
 Prereq: PERMISSION OF ADVISER; JR CLASSIFICATN

1002005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO HRI, HSP M MAJORS ONLY
 Instructor permission required.

1002010 2 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC TO RESTRICTED TO EVENT MAJORS ONLY
 Instructor permission required.

1002015 3 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 3 RESTRICTED TO A M D MAJORS ONLY
 Instructor permission required.

DEV GLOBAL LEADRSHP AESHM 421 3 CREDITS
 Note: Meets international perspectives reqmt

4611005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

HUMAN RESOURCE MGMT AESHM 438 3 CREDITS
 Prereq: AESHM 270, AESHM 275 OR AESHM 287;
 JUNIOR CLASSIFICATION

2923005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO HRI, HSP M, EVENT MAJORS ONLY

2923010 2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC 2 RESTRICTED TO A M D, AMDP & T C MAJORS ONLY.

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

INTERNSHP EVENT MGT AESHM 470F VAR. CREDITS
 Prereq: AESHM 271, AESHM 311, EVENT 271, EVENT 371; AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

FASHION SHOW MGT AESHM 472X 2- 3 CREDITS
 Prereq: AESHM 272X; PERMISSION OF INSTRUCTOR

9589005 1A W 6:10-8:00PM
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 1A OFFERED FOR 3 CREDITS SPRING 2013

9589010 1B W 6:10-8:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC 1B OFFERED FOR 2 CREDITS SPRING 2013

ENTREPRNR HUMAN SCI AESHM 474 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION

4618005 1A TR 6:30-7:50PM
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS
 Instructor permission required.

4618010 1B TR 6:30-7:50PM
 MEETS: JAN 13-MAY 9
 Note: SEC 1B RESTRICTED TO CS A, CS H, HRI, HSP M, EVENT MAJORS ONLY
 Instructor permission required.

4618015 1C TR 6:30-7:50PM
 MEETS: JAN 13-MAY 9
 Note: SEC 1C FOR MAJORS OTHER THAN AMDP, A M D, HRI, HSP M, EVENT, T C.

MLTI-CHANNL RETAILI AESHM 477 3 CREDITS
 Prereq: 3 CREDITS IN MARKETING OR AESHM 275 OR AESHM 287

4776005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

SEMINAR AESHM 511 1- 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN AESHM, HRI, OR A M D; PERMISSION OF INSTRUCTOR
 Note: OFFERED FOR 1 CREDIT SPRING 2013

1507005 ARRANGED
 MEETS: JAN 13-MAY 9

PRACTCM APPAR MCHDS AESHM 570A 1- 3 CREDITS
 Prereq: 6 GRAD CREDITS IN PROGRAM AREA;
 INSTRUCTOR PERMISSION

6660005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

PRACTCM HSPTLTY MGT AESHM 570B 1- 3 CREDITS
 Prereq: 6 GRAD CREDITS IN PROGRAM AREA;
 INSTRUCTOR PERMISSION

1509005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

ENTREPRNR HUMAN SCI AESHM 574 3 CREDITS
 Prereq: ONE COURSE IN MARKETING OR INSTRUCTOR PERMISSION

4895005 TR 6:30-7:50PM
 MEETS: JAN 13-MAY 9

SEMINAR AESHM 611 1- 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN AESHM, HRI, OR A M D. PERMISSION OF INSTRUCTOR.
 Note: OFFERED FOR 1 CREDIT SPRING 2013

1548005 ARRANGED
 MEETS: JAN 13-MAY 9

TCHG PRACTCM APPARL AESHM 670A 1- 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN PROGRAM AREA;
 PERMISSION OF INSTRUCTOR

7144005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

TCHG PRCTCM HSPTLTY AESHM 670B 1- 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN PROGRAM AREA;
 PERMISSION OF INSTRUCTOR

7149005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

7149600 XA ARRANGED BOSELMAN R
 MEETS: JAN 13-MAY 9
 Note: CONTACT ROBERT BOSELMAN FOR PERMISSION TO REGISTER AT 515-294-8550/DRBOB@IASTATE.EDU.
 Instructor permission required.
 Section XA is off campus
 Course delivery is Independent study

APPAREL, MERCHANDISING, AND DESIGN

DRESS&DIVRSTY SOCIE A M D 165 3 CREDITS
 Note: Meets U.S. diversity reqmt

6603005 1A TR 12:30-1:55
 MEETS: JAN 13-MAY 9

Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS ONLY

6603010 1B TR 12:30-1:55
 MEETS: JAN 13-MAY 9
 Note: SEC 1B FOR MAJORS OTHER THAN AMDP, A M D, T C.

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

TEXTILE SCIENCE A M D 204 4 CREDITS
 Prereq: 3 CR IN T C
 6604005 1A TR 8:00-9:20
 T 2:10-5:00
 MEETS: JAN 13-MAY 9
 6604010 2A TR 8:00-9:20
 F 9:00-10:50
 MEETS: JAN 13-MAY 9
 6604015 3A TR 8:00-9:20
 F 2:10-4:00
 MEETS: JAN 13-MAY 9
 6604020 4A TR 8:00-9:20
 T 1:10-3:00
 MEETS: JAN 13-MAY 9

CPR APP DIGTL DSIGN A M D 210 3 CREDITS
 Prereq: T C 131, T C 245 OR CONCURRENT; AESHM 111
 5087005 1A T 1:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO AMDP, A M D MAJORS
 5087010 1B T 1:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 9
 5087015 2A R 1:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 2A RESTRICTED TO AMDP, A M D MAJORS.
 5087020 2B R 1:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 9

APPAREL ASSEMBL PROC A M D 221 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN T C 204
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6602005 1 M 9:00-9:50
 TR 11:00-12:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.
 6602010 2 M 9:00-9:50
 WF 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.
 6602015 3 M 9:00-9:50
 TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 Note: SEC 3 RESTRICTED TO A M D, AMDP MAJORS ONLY

PATTERNMAKING I A M D 225 4 CREDITS
 Prereq: T C 204, T C 221. PERMISSION OF INSTRUCTOR
 6607005 1 MWF 8:00-9:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.
 6607010 2 MWF 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

PRODUCT DEVELOP&MFG A M D 231 4 CREDITS
 Prereq: T C 204
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6608005 1 TR 9:30-10:50
 W 12:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6608010 2 TR 9:30-10:50
 W 2:10-4:00
 MEETS: JAN 13-MAY 9
 6608015 3 TR 9:30-10:50
 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 6608020 4 TR 9:30-10:50
 R 2:10-4:00
 MEETS: JAN 13-MAY 9

AESTHETIC&BRAND IMAG A M D 245 3 CREDITS
 Prereq: T C 131, T C 165; CREDIT OR ENROLLMENT IN T C 204
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6609005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO A M D, AMDP, T C MAJORS ONLY
 6609010 2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 2 FOR MAJORS OTHER THAN AMDP, A M D, T C.

FASHION ILLUSTRATN A M D 278 3 CREDITS
 Prereq: T C 131, T C 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 13-MAY 9
 6611010 2 MWF 2:10-4:00
 MEETS: JAN 13-MAY 9

BASC DSGN CNCP REVW A M D 301 1 CREDIT
 Prereq: COMPLETION OR ENROLLMENT IN T C 225, T C 278
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 4188005 1 ARRANGED
 MEETS: MARCH 10-MAY 9

CPTR INTEGRAT DSIGN A M D 321 3 CREDITS
 Prereq: T C 210, CREDIT IN T C 278 OR CONCURRENT ENROLLMENT IN A M D 278, INSTRUCTOR PERMISSION
 Note: Instructor permission required.
 6605005 MWF 2:10-4:00
 MEETS: JAN 13-MAY 9

PATTERNMAKING II A M D 325 3 CREDITS
 Prereq: T C 301; PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7199005 1 MWF 12:10-2:00
 ARRANGED
 MEETS: JAN 13-MAY 9

DESIGN SEMINAR A M D 328 VAR. CREDITS
 Prereq: VARIES BY TOPIC
 5692005 1 TR 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC 1 OFFERED FOR 3 CREDIT SPRING 2014
 Instructor permission required.
 5692010 2 MWF 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC 2 OFFERED FOR 3 CREDITS SPRING 2014
 Instructor permission required.
 5692015 3 TR 11:00-1:20
 MEETS: JAN 13-MAY 9
 Note: SEC 3 OFFERED FOR 3 CREDITS SPRING 2014
 Instructor permission required.

HIST 20TH C FASHION A M D 356 3 CREDITS
 Prereq: 3 CREDITS IN HIST OR ART H. RECOMMEND A M D 204.
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 4473005 1A TR 12:10-1:30
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO A M D, AMDP MAJORS ONLY
 4473010 1B TR 12:10-1:30
 MEETS: JAN 13-MAY 9
 Note: SEC 1B FOR MAJORS OTHER THAN AMD, AMDP.

CULTUR PERSPC DRESS A M D 362 3 CREDITS
 Prereq: T C 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC
 Note: Meets international perspectives reqmt
 6622005 1A MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 6622010 1B MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1B FOR MAJORS OTHER THAN AMDP, A M D, T C.

SOURCNG&GLOBAL ISSU A M D 372 3 CREDITS
 Prereq: T C 231, AESHM 275. RECOMMEND ECON 101 OR ECON 102
 Note: COURSE RESTRICTED TO A M D, AMDP, T C MAJORS ONLY.
 Meets international perspectives reqmt
 8133005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

MERCH PLAN& CONTROL A M D 376 4 CREDITS
 Prereq: AESHM 275; 3 CREDITS FROM ACCT 284, MATH 104, MATH 105, MATH 150 OR EQUIVALENT
 6625005 1 MW 3:10-4:00
 F 3:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9

TXITILE COLOR THEORY A M D 404 3 CREDITS
 Prereq: T C 204, T C 245; ONE NATURAL SCIENCE COURSE (PHYSICS OR CHEMISTRY RECOMMENDED)
 6613005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

CREATV DSIGN PROCES A M D 426 3 CREDITS
 Prereq: A M D 301, A M D 321
 6619005 1 MWF 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

APPAREL PRODUCTN MGT A M D 431 3 CREDITS
 Prereq: A M D 231, A M D 221 IS RECOMMENDED.
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6618005 1 TR 1:10-3:30
 MEETS: JAN 13-MAY 9

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

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

IND ST TX&DRESS HIS A M D 490B VAR. CREDITS
 Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 Note: Instructor permission required.

 SEE DEPT FOR REFERENCE NUMBERS

IND STU TXTL&AP DSN A M D 490C VAR. CREDITS
 Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 Note: Instructor permission required.
 Materials fee \$30.00

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

IND STU CONSMR BEHV A M D 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 A M D 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 A M D 490I VAR. CREDITS
 Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 Note: Instructor permission required.

 SEE DEPT FOR REFERENCE NUMBERS

IND STU CULTR ANALY A M D 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

INDEP STUDY MUSEUMS A M D 490M VAR. CREDITS
 Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 Note: Instructor permission required.

 SEE DEPT FOR REFERENCE NUMBERS

IND STU PRODCN MGT A M D 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 A M D 490O VAR. CREDITS
 Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 Note: Instructor permission required.

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY P R&PUBLSH A M D 490T VAR. CREDITS
 Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 Note: Instructor permission required.

 SEE DEPT FOR REFERENCE NUMBERS

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

FASHN FORCAST&PRODC A M D 496 3 CREDITS
 Prereq: T C 231, T C 245, AESHM 275
 4507005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

UNDERGRAD RESEARCH A M D 499 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATN; 15 CREDITS IN A M D;
 PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR

 SEE DEPT FOR REFERENCE NUMBERS

TXITL COLOR THEORY A M D 504 3 CREDITS
 Prereq: A M D 204, A M D 245; ONE NATURAL SCIENCE
 COURSE (PHYSICS OR CHEMISTRY RECOMMENDED)
 6647005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

DIGITL TXTL&AP DSGN A M D 521 3 CREDITS
 Prereq: EXPERIENCE WITH FLAT PATTERN OR
 DRAPING TECHNIQUES & IMAGE MANIPULATION SOFTWARE,
 PERMISSION OF INSTRUCTOR
 4170005 1 MW 10:00-11:20
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$25.00

DESIGN SEMINAR A M D 528 1- 3 CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
 5768005 1 TR 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Materials, field trips &/or travel fee \$95.00
 5768010 2 MWF 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: Materials, field trips &/or travel fee \$95.00
 5768015 3 TR 2:10-3:50
 MEETS: JAN 13-MAY 9
 Note: Materials, field trips &/or travel fee \$95.00

INDUS APP MCHDS&MGT A M D 576 3 CREDITS
 Prereq: A M D 376 OR EQUIVALENT, AESHM 275,
 PERMISSION OF INSTRUCTOR
 4253005 1 TR 2:10-3:50
 MEETS: JAN 13-MAY 9

SPL TOP TEXTILE SCI A M D 590A VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST TEXTIL A M D 590B VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TXTL&AP DSN A M D 590C VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC AESTHETICS A M D 590D VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST COSTUM A M D 590E VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOC-PSY ASP A M D 590F VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSMR BEHV A M D 590G VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MERCHANDSNG A M D 590I VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS MUSEUMS A M D 590M VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRODCN MGT A M D 590N VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TECH DESGN A M D 590O VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP A M D 590P VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SMALL BUSIN A M D 590S VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP P R & PUBLISH A M D 590T VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRODUCT DEV A M D 590U VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

SPL TOP GLB ISS&SRC A M D 590V VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESIGN STUDIO A M D 595 3 CREDITS
 Prereq: A M D 325, A M D 526, PERMISSION OF
 INSTRUCTOR
 9107005 1 TR 8:00-10:50
 MEETS: JAN 13-MAY 9

ADVANCED TOPICS A M D 690 VAR. CREDITS
 Prereq: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSN
 OF INSTRUCTOR, AND APPROVAL OF D.O.G.E.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

ARABIC

ELEMENTRY ARABIC II ARABC 102 4 CREDITS
 Note: Meets international perspectives reqmt
 7442005 1 MTWR 11:00-11:50
 MEETS: JAN 13-MAY 9

INTERMED ARABIC II ARABC 202X 4 CREDITS
 Prereq: ARABC 201
 Note: Meets international perspectives reqmt
 9550005 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 9

ARCHITECTURE

ARCHITECT DESIGN II ARCH 202 6 CREDITS
 Prereq: ARCH 201; MATH 142; PHYS 111
 Note: COURSE RESTRICTED TO ARC MAJORS ONLY
 1674005 F 4:10-5:20 SPILLER J
 MW 1:10-5:20 SPILLER J
 F 1:10-3:50 SPILLER J
 MEETS: JAN 13-MAY 9

ARCHITECT DESIGN II ARCH 202H 6- 7 CREDITS
 Prereq: ARCH 201, MATH 142 AND PHYS 111
 8152005 F 4:10-5:20 SPILLER J
 MW 1:10-5:20 SPILLER J
 F 1:10-3:50 ARRANGED SPILLER J
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

HIST ARCHITECTUR II ARCH 222 3 CREDITS
 Note: Meets international perspectives reqmt
 7737005 1 MWF 10:00-10:50 ZARECOR K
 MEETS: JAN 13-MAY 9

ARCHITECT DESIGN IV ARCH 302 6 CREDITS
 Prereq: ARCH 301 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 1682005 F 4:10-5:20 WHITEHEAD R
 MW 1:10-5:20 WHITEHEAD R
 F 1:10-3:50 WHITEHEAD R
 MEETS: JAN 13-MAY 9

ARCHITECT DESIGN IV ARCH 302H 6- 7 CREDITS
 Prereq: ARCH 301 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 8206005 F 4:10-5:20 WHITEHEAD R
 MW 1:10-5:20 WHITEHEAD R
 F 1:10-3:50 ARRANGED WHITEHEAD R
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

PRACTICAL EXPERIENC ARCH 310 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 2544005 1 ARRANGED HAUPTMANN D
 MEETS: JAN 13-MAY 9

COMPUTER APPLICATNS ARCH 334 3 CREDITS
 1685005 TR 12:40-2:00 CHAN C
 MEETS: JAN 13-MAY 9

THREE-DIMENS STUDIO ARCH 335 3 CREDITS
 1686005 A TR 9:30-11:50 SHAO P
 ARRANGED SHAO P
 MEETS: JAN 13-MAY 9

1686010 B TR 12:40-3:00 SHAO P
 ARRANGED SHAO P
 MEETS: JAN 13-MAY 9

THREE-DIMENS STUDIO ARCH 335H 3- 4 CREDITS
 Note: Instructor permission required.
 9261005 1 TR 12:40-3:20 SHAO P
 ARRANGED SHAO P
 MEETS: JAN 13-MAY 9

9261010 2 TR 9:30-11:50 SHAO P
 ARRANGED SHAO P
 MEETS: JAN 13-MAY 9

ARCHITECTURE (CONTINUED)

BLDG SCI &TECHNL II ARCH 341 5 CREDITS
 Prereq: ARCH 245, MATH 142 AND PHYS 111
 1575005 TR 12:40-2:00 WHITEHEAD R
 TR 2:10-4:00 WHITEHEAD R
 MEETS: JAN 13-MAY 9

BLDG SCI &TECHNL IV ARCH 343 5 CREDITS
 Prereq: ARCH 342
 1627005 TR 2:10-3:30 WHITEHEAD R
 TR 4:10-6:00PM WHITEHEAD R
 MEETS: JAN 13-MAY 9

ARCHITECT DESIGN VI ARCH 402 6 CREDITS
 Prereq: ARCH 401 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 Note: Meets international perspectives reqmt
 1692005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 Note: Instructor permission required.

ARCHITC DESIGN VIII ARCH 404 6 CREDITS
 Prereq: ARCH 403
 1694005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50
 MEETS: JAN 13-MAY 9

ARCHITC DESIGN VIII ARCH 404H 6- 7 CREDITS
 Prereq: ARCH 403
 8249005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

TOPICS MEDIEVAL ARC ARCH 422 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: NO MORE THAN 6 CREDITS OF ARCH 422 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 TOPIC: MEDIEVAL ARCHITECTURE
 Meets international perspectives reqmt
 Available for nonmajor graduate credit
 1696005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

TOPC ITALIAN ARC&UR ARCH 429 3 CREDITS
 1628800 IT ARRANGED SCHNEIDER P
 MEETS: JAN 13-MAY 7
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2014.
 OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

ANALYTICAL DRAWING ARCH 431 3 CREDITS
 Prereq: ARCH 230 AND ARCH 302
 2154800 IT ARRANGED
 MEETS: JAN 13-MAY 7
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2014.
 OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

ADVNCED DESIGN MEDIA ARCH 436 3 CREDITS
 Prereq: ARCH 230
 1704005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

DSIGN:MADE IN ITALY ARCH 486 3 CREDITS
 1632800 IT ARRANGED SCHNEIDER P
 MEETS: JAN 13-MAY 7
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2014.
 OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

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

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

ARCHITECTURE

(CONTINUED)

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

ARCH DSGN&MEDIA II ARCH 506 5 CREDITS
Prereq: ARCH 505, ARCH 541, ARCH 595 AND
CONCURRENT ENROLLMENT IN ARCH 542 AND ARCH 596
7753005 MW 1:10-5:20
F 1:10-2:40
MEETS: JAN 13-MAY 9

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 2014.
1731010 2 T 8:00-10:50
MEETS: JAN 13-MAY 9
Note: SEC 2 TOPIC: GOODNESS & BEAUTY
1731015 3 T 4:10-6:40PM
MEETS: JAN 13-MAY 9
Note: SEC 3 TOPIC: ARCH ORPHANS: INTL ARCH & URBANISM
1731025 5 T 4:10-6:00PM
MEETS: JAN 13-MAY 9
1731030 6 M 6:40-9:10PM
MEETS: JAN 13-MAY 9
Note: SEC 6 TOPIC: MEANING AND FORM
1731035 7 R 8:00-10:50
MEETS: JAN 13-MAY 9
Note: SEC 7 TOPIC: GOODNESS AND BEAUTY
1731045 9 R 4:10-6:00PM
MEETS: JAN 13-MAY 9
Note: SEC 9 TOPIC: SUSTAINABLE URBAN NON-WESTERN
1731055 11 TR 8:00-10:50
MEETS: MARCH 10-MAY 9

TOPCL STDI CMMUNCAT ARCH 528C 2- 3 CREDITS
Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING
Note: COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2013
1326005 MW 6:30-8:00PM
MEETS: JAN 13-MAY 9

ADV CMPUTR-AID ARCH ARCH 534 3 CREDITS
Prereq: ARCH 434 AND PERMISSION OF INSTRUCTOR
1735005 1 TR 9:30-10:50
MEETS: JAN 13-MAY 9

ADV THREE-DI STUDIO ARCH 535 3 CREDITS
Prereq: ARCH 335 OR GRADUATE CLASSIFICATION
1736005 1 TR 12:40-3:00
MEETS: JAN 13-MAY 9
1736010 2 TR 9:30-11:50
MEETS: JAN 13-MAY 9

SCI&TECH FOR ARC II ARCH 542 5 CREDITS
Prereq: ARCH 505, ARCH 541, ARCH 595 AND
CONCURRENT ENROLLMENT IN ARCH 506 AND ARCH 596
7735005 TR 2:10-3:30
F 10:00-12:20
MEETS: JAN 13-MAY 9

PRESERVATN &REHABTN ARCH 567 3 CREDITS
Prereq: SENIOR CLASSIFICATION
4712005 1 TR 9:30-10:50
MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO ARC, ARCH MAJORS ONLY
4712010 2 TR 9:30-10:50
MEETS: JAN 13-MAY 9
Note: SEC 2 FOR MAJORS OTHER THAN ARC, ARCH

CONTEM URB DSN THRY ARCH 575 3 CREDITS
Prereq: GRADUATE OR SENIOR CLASSIFICATION
Note: TOPIC: PUBLIC SPACES
1752005 1 TR 6:50-9:20PM PAXSON L
MEETS: JAN 13-MAY 9

ARCHITECTURE

(CONTINUED)

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

SEMN BUILT ENVIR II ARCH 596 5 CREDITS
Prereq: ARCH 505, ARCH 541, ARCH 595 AND
CONCURRENT ENROLLMENT IN ARCH 506 AND ARCH 542
7926005 T 9:30-11:50
R 10:30-11:50
MEETS: JAN 13-MAY 9

SEMN BUILT ENVIR IV ARCH 598 3 CREDITS
Prereq: GRADUATE OR SENIOR CLASSIFICATION
1721005 1 T 4:10-6:40PM
MEETS: JAN 13-MAY 9
Note: SEC 1 TOPIC: ARCH ORPHANS: INTL ARCH & URBANISM
1721010 2 R 4:10-6:40PM
MEETS: JAN 13-MAY 9
Note: SEC 2 TOPIC: SUSTAINABLE URBAN NON-WESTER

CMUNTY, BLDG &ENVIR ARCH 602 6 CREDITS
Prereq: ARCH 601, ARCH 643, ARCH 597 AND
CONCURRENT ENROLLMENT IN ARCH 644
Note: COURSE RESTRICTED TO ARCH MAJORS ONLY
1760005 F 4:10-5:20
MW 1:10-5:20
F 1:10-3:50
MEETS: JAN 13-MAY 9

DESIGN STUDIO OPTNS ARCH 604 6 CREDITS
Prereq: ARCH 602
1633005 MWF 1:10-5:20
MEETS: JAN 13-MAY 9

SCI&TECH FOR ARC IV ARCH 644 3 CREDITS
Prereq: ARCH 643 OR GRADUATE CLASSIFICATION
1746005 1 MW 11:00-11:50
F 10:30-11:50
MEETS: JAN 13-MAY 9

INDEP DESIGN STUDY ARCH 690 6 CREDITS
Prereq: ADMISSION TO THE M. S. IN ARCH. PROGRAM
Note: Department permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR ARCH 698 R CREDIT
Prereq: ADMISSION TO THE M. ARCH. OR M. S. IN
ARCH. PROGRAMS
1749005 1 T 12:40-2:00
MEETS: JAN 13-MAY 9

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

ART & DESIGN

STUDIO ARTS EURO SEM ART 494A 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR AND PLANNED
ENROLLMENT IN 495
Note: Meets international perspectives reqmt
Satisfactory-Fail Only.
1680005 M 7:10-8:00
MEETS: JAN 13-MAY 9

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 R 7:10-9:00PM JONES B
MEETS: MARCH 10-MAY 9

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

MUSEUM/GLLRY INTERN 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 13-MAY 9
Note: Department permission required.

SEMINAR IN TEACHING ART 511 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
8370005 R 6:50-9:20PM CROYLE C
MEETS: JAN 13-MAY 9

ART & DESIGN (CONTINUED)

MUSEUM/GLLRY INTERN 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 13-MAY 9
 9445010 B ARRANGED
 MEETS: JAN 13-MAY 9
 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 13-MAY 9

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

ART EDUCATION

METHDS TEACHING ART ARTED 209X 2 CREDITS
 Prereq: SOPHOMORE LEVEL
 8221005 A MW 2:10-4:00
 MEETS: JAN 13-MAY 9
 8221010 B MW 2:10-6:00PM
 MEETS: JAN 13-MAY 9
 8221015 C TR 5:10-7:00PM
 MEETS: JAN 13-MAY 9

INTRO TO ART EDUC ARTED 211 3 CREDITS
 Note: COURSE FOR EL ED, ECE MAJORS ONLY
 1773005 A1 MW 8:00-10:50 CALDWELL B
 MEETS: JAN 13-MAY 9
 1773010 A2 MW 8:00-10:50 CALDWELL B
 MEETS: JAN 13-MAY 9
 Note: SEC A2 RESTRICTED TO ECE, EL ED MAJORS
 ONLY
 1773015 B1 TR 9:30-12:20 CALDWELL B
 MEETS: JAN 13-MAY 9
 1773020 B2 TR 9:30-12:20 CALDWELL B
 MEETS: JAN 13-MAY 9
 Note: SEC A2 RESTRICTED TO ECE, EL ED MAJORS
 ONLY
 1773012 C1 TR 5:10-8:00PM CALDWELL B
 MEETS: JAN 13-MAY 9

ART HISTORY

HISTORY OF ART II ART H 281 3 CREDITS
 Note: Meets international perspectives reqmt
 1791005 TR 11:00-12:20 GODBEY E
 MEETS: JAN 13-MAY 9

INTR VISU CULTR STU ART H 292 3 CREDITS
 Note: Meets U.S. diversity reqmt
 1764005 ARRANGED CUNNALLY J
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

ART&ARCHITC OF ASIA ART H 382 3 CREDITS
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 2868005 TR 9:30-10:50 MORGAN E
 MEETS: JAN 13-MAY 9

ART OF ISLAM ART H 384 3 CREDITS
 Note: Meets international perspectives reqmt
 2613005 MWF 9:00-9:50 CUNNALLY J
 MEETS: JAN 13-MAY 9

ART&THEORY SINCE'45 ART H 395 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 1177005 TR 4:10-5:30
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY ART H 490 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON REQUIRED FORM BEFORE THE SEMESTER
 OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ART H 490H 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON REQUIRED FORM BEFORE THE SEMESTER
 OF ENROLLMENT
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS
 STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART HISTORY (CONTINUED)

TOPICS IN ART HIST ART H 498 3 CREDITS
 1738005 A TR 12:40-2:00 EISMAN A
 MEETS: JAN 13-MAY 9
 Note: SEC A TOPIC: ART OF THE AMERICAS BEFORE COLUMBUS
 1738010 B WF 11:00-12:20 MORGAN E
 MEETS: JAN 13-MAY 9
 Note: SEC B TOPIC: THE WORLD ON DISPLAY

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

GREEN ART:EARTHWS& ART H 597X 3 CREDITS
 Prereq: 3 GRADUATE CREDIT HOURS IN ART H
 9635005 W 6:10-8:40PM GODBEY E
 MEETS: JAN 13-MAY 9

TOPICS IN ART HIST ART H 598 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF
 INSTRUCTOR
 Note: COURSE TOPIC: ART AND THE UNDERWORLD
 1792005 TR 11:00-12:20 MORGAN E
 MEETS: JAN 13-MAY 9

ASTRONOMY & ASTROPHYSICS

NORTH STAR ASTRONOMY 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 13-MAY 9
 Note: Course delivery is WWW

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 13-MAY 9
 Note: Course delivery is WWW

EARTH&SPC FOR EL ED ASTRO 106 2 CREDITS
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED
 8505005 ARRANGED CERVATO C
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

EARTH&SPACE SCI LAB ASTRO 106L 1 CREDIT
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD
 EDUCATION; CONCURRENT ENROLLMENT IN 106
 8584005 1 M 3:10-5:00
 MEETS: JAN 13-MAY 9
 8584010 2 M 1:10-3:00
 MEETS: JAN 13-MAY 9
 Note: Materials, field trips &/or travel fee \$25.00

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

1951005 1 F 8:00-8:50
 MEETS: JAN 13-MAY 9
 1951010 2 F 9:00-9:50
 MEETS: JAN 13-MAY 9
 1951015 3 F 10:00-10:50
 MEETS: JAN 13-MAY 9
 1951020 4 F 11:00-11:50
 MEETS: JAN 13-MAY 9
 1951025 5 F 12:10-1:00
 MEETS: JAN 13-MAY 9
 1951030 6 F 1:10-2:00
 MEETS: JAN 13-MAY 9
 1951035 7 F 2:10-3:00
 MEETS: JAN 13-MAY 9
 1951040 8 F 3:10-4:00
 MEETS: JAN 13-MAY 9
 1951045 9 R 4:10-5:00
 MEETS: JAN 13-MAY 9
 1951050 10 M 8:00-8:50
 MEETS: JAN 13-MAY 9
 1951055 11 M 9:00-9:50
 MEETS: JAN 13-MAY 9
 1951060 12 M 10:00-10:50
 MEETS: JAN 13-MAY 9
 1951065 13 M 11:00-11:50
 MEETS: JAN 13-MAY 9
 1951070 14 M 12:10-1:00
 MEETS: JAN 13-MAY 9
 1951075 15 M 1:10-2:00
 MEETS: JAN 13-MAY 9
 1951080 16 M 2:10-3:00
 MEETS: JAN 13-MAY 9
 1951085 17 M 3:10-4:00
 MEETS: JAN 13-MAY 9
 1951110 V TR 2:10-3:00
 MEETS: JAN 13-MAY 9

ASTRONOMY & ASTROPHYSICS (CONTINUED)

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

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

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

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

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

INTRO TO ASTROPHYSIC ASTRO 346 3 CREDITS
 Prereq: PHYS 222
 Note: Available for nonmajor graduate credit
 8740005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

ASTROPHYSICL PROCESS ASTRO 405 3 CREDITS
 Prereq: 346 OR PERMISSION OF INSTRUCTOR
 8791005 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

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

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

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

HONORS 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

ASTROPHYSICL PROCESS ASTRO 505 3 CREDITS
 Prereq: 346 OR INSTRUCTOR PERMISSION
 1961005 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

GALACTIC ASTRONOMY ASTRO 584 3 CREDITS
 Prereq: 405 OR 505
 1963005 ARRANGED
 MEETS: JAN 13-MAY 9

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

CREATIVE COMPONENT ASTRO 599 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED SEMINAR ASTRO 650 1 CREDIT
 Satisfactory-Fail Only.
 1970005 F 4:10-6:00PM
 MEETS: JAN 13-MAY 9

ASTRONOMY & ASTROPHYSICS (CONTINUED)

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

ATHLETIC TRAINING

BASIC ATHLETIC TRAIN A TR 220 2 CREDITS
 Prereq: BIOL 155 OR BIOL 255 AND BIOL 256
 Note: Instructor permission required 1st week.
 5729005 1 M 8:00-8:50
 W 8:00-9:50
 MEETS: JAN 13-MAY 9
 5729010 2 M 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 13-MAY 9
 5729015 3 M 8:00-8:50
 T 8:00-9:50
 MEETS: JAN 13-MAY 9

PRE-ATH TRAIN PRACT A TR 221 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN KIN 222 AND
 PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
 Satisfactory-Fail Only.
 6654005 1 T 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 9
 6654010 2 R 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 9
 6654015 3 T 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$75.00

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

EVAL ATH INJURIES I A TR 224 3 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 6655005 1 TR 9:30-10:20
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

ATHL INJURI I PRACT A TR 225 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Satisfactory-Fail Only.
 6670005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

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

REHAB ATHLETIC INJUR A TR 326 3 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 2639005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

REHAB ATH INJ PRACT A TR 327 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Satisfactory-Fail Only.
 5373005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

EVID-BASE MED DISCU A TR 488 2 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Satisfactory-Fail Only.
 5775005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Department permission required.
 5775010 2 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

ATHL TRAIN COMPETNC A TR 489 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR,
 SENIOR CLASSIFICATION
 Satisfactory-Fail Only.
 3220005 ARRANGED
 MEETS: JAN 13-MAY 9

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 13-MAY 9

ATHLETICS

(CONTINUED)

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 13-MAY 9

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 13-MAY 9

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 13-MAY 9

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 13-MAY 9

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 13-MAY 9

INTERCOLLEGG 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 13-MAY 9

INTERCOLLEGG 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 13-MAY 9

INTERCOLLEGG 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 13-MAY 9

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 13-MAY 9

ATHLETICS

(CONTINUED)

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 13-MAY 9

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

INTRO BIOCHEM LAB BBMB 102 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN CHEM 177 AND CHEM 177L OR CHEM 201 AND CHEM 201L
 Note: ENROLLMENT IN THIS COURSE WILL CAUSE A TIME CONFLICT MESSAGE. IGNORE CONFLICTS BUILT INTO THE SECTION MEETING TIME. LECTURE & LAB MEET OPPOSITE WEEKS.
 1997005 A F 2:10-3:00 ZABOTINA O
 F 1:10-3:00 ZABOTINA O
 MEETS: JAN 13-MAY 9

1997010 B F 2:10-3:00 ZABOTINA O
 F 2:10-4:00 ZABOTINA O
 MEETS: JAN 13-MAY 9

1997015 C T 11:00-11:50 ZABOTINA O
 T 11:00-12:50 ZABOTINA O
 MEETS: JAN 13-MAY 9

1997020 D T 11:00-11:50 ZABOTINA O
 T 10:00-11:50 ZABOTINA O
 MEETS: JAN 13-MAY 9

CHEM PRIN IN BIO SY BBMB 201 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 332
 2053005 TR 2:10-3:00 NELSON S
 MEETS: JAN 13-MAY 9

BIOCHEMCL PROCESSES BBMB 221 3 CREDITS
 Prereq: CHEM 163, CHEM 167, OR CHEM 177
 Note: CREDIT FOR EITHER BBMB 221 OR CHEM 231, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. BIOCHEMISTRY AND BIOPHYSICS MAJORS MAY NOT APPLY CREDIT FOR BBMB 221 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE.
 1998005 MWF 12:10-1:00 HUIATT T
 MEETS: JAN 13-MAY 9

SURVEY OF BIOCHEM BBMB 301 3 CREDITS
 Prereq: CHEM 231 OR CHEM 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 THORNBURG R
 MEETS: JAN 13-MAY 9

BIOCHEMSTRY PRINCIP BBMB 316 3 CREDITS
 Prereq: CHEM 231 OR CHEM 331; BIOL 212.
 Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 316 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR
 COURSE RESTRICTED TO ON-CAMPUS STUDENTS ONLY
 9022005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

9022600 XW ARRANGED AMBROSIO L
 MEETS: JAN 13-MAY 9
 Note: ALL NEW NON-DEGREE STUDENTS WISHING TO TAKE THIS COURSE MUST CONTACT LORI YOUNGBERG (LYOUNG@IASTATE.EDU) TO REGISTER. ALL OTHER STUDENTS MAY REGISTER VIA ACCESSPLUS.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

BIOCHEMISTRY I BBMB 404 3 CREDITS
 Prereq: CHEM 332
 Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 2002600 XW ARRANGED HARGROVE M
 MEETS: JAN 13-MAY 9
 Note: ALL NEW NON-DEGREE STUDENTS WISHING TO TAKE THIS COURSE MUST CONTACT LORI YOUNGBERG (LYOUNG@IASTATE.EDU) TO REGISTER. ALL OTHER STUDENTS MAY REGISTER VIA ACCESSPLUS.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

BIOCHEMISTRY II BBMB 405 3 CREDITS
 Prereq: BBMB 404
 Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 2003005 MWF 11:00-11:50 BEITZ D
 MEETS: JAN 13-MAY 9
 2003600 XW ARRANGED BEITZ D
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

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 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

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

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

INDEPENDENT STUDY BBMB 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 FACULTY MEMBER WITH WHOM STUDENT PROPOSES TO WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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: APRIL 1-MAY 1

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

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

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

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

WORKSHP BIOCH&BIOPH BBMB 593 1 CREDIT
 Prereq: PERMISSION AND SIGNATURE OF COURSE ADMINISTRATOR REQUIRED
 Note: SEE DESI GUNNING FOR PERMISSION TO ADD.
 4853005 R 5:10-9:00PM SHOGREN-KNAAK M
 MEETS: APRIL 10
 Note: Department permission required.

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

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

BIOCH EUCARYOT GENE BBMB 676 2 CREDITS
 Prereq: BBMB 404 OR BBMB 501, BBMB 405 OR BBMB 502 OR GDCE 511
 1848005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

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

DEPARTMENT SEMINAR BBMB 682 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2035005 R 4:10-6:00PM RAO A
 MEETS: JAN 13-MAY 9

RESEARCH SEMINAR BBMB 696 1 CREDIT
 Satisfactory-Fail Only.
 8831005 W 4:10-5:30
 MEETS: JAN 13-MAY 9

SEMN MOLEC,C,DV BIO BBMB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2013.
 2037005 M 3:10-5:00
 MEETS: JAN 13-MAY 9

RESEARCH BBMB 699 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOENGINEERING

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

BIOINFORMATICS&COMPUTATIONAL BIOL-UG

TEAM RESRCH PROJCTS BCBIO 491 1- 5 CREDITS
 Prereq: BCBIO 211, JUNIOR OR SENIOR CLASSIF, PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE THAN 9 CREDITS OF BCBIO 490 AND 491 TOWARD GRADUATION
 4721001 ARRANGED
 MEETS: JAN 13-MAY 9

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

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

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

SPECIAL TOPICS BCB 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1337005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 1337010 2 ARRANGED
 MEETS: JAN 13-MAY 9

WKSHF BIOINFORMATCS BCB 593 1 CREDIT
 7397005 T 4:10-5:00
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN BCB 598 R CREDIT
 Prereq: PERMISSION OF THE PROGRAM CHAIR
 1828005 ARRANGED
 MEETS: JAN 13-MAY 9

STUDT SEMINR BIOINF BCB 690 1 CREDIT
 7830005 W 4:10-5:00
 MEETS: JAN 13-MAY 9

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS
 7827005 ARRANGED
 MEETS: JAN 13-MAY 9

RESEARCH BCB 699 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

BIOLOGICAL SYSTEMS ENGINEERING

EXPRNCNG BIO SY ENG BSE 110 1 CREDIT
 8493005 A T 10:00-11:50 DIERS L
 MEETS: JAN 13-MAY 9
 8493010 B R 10:00-11:50 DIERS L
 MEETS: JAN 13-MAY 9
 8493015 C R 2:10-4:00 DIERS L
 MEETS: JAN 13-MAY 9

ENG GRPHC&INTRO DSN BSE 170 3 CREDITS
 Prereq: SATISFACTORY SCORES IN MATH PLACEMENT
 ASSESSMENTS: CREDIT OR ENROLLMENT IN MATH 142
 6707005 MW 12:10-2:00
 MEETS: JAN 13-MAY 9

SMNR:PREP FOR WRKPL BSE 201 1 CREDIT
 Prereq: SOPH CLASSIF IN A E, AST, BSE OR I TEC
 1676005 A MW 4:10-5:00
 MEETS: JAN 13-MARCH 7

PROJ MGT&DESIGN ABE BSE 218 2 CREDITS
 Prereq: BSE 216
 1872005 A M 8:00-8:50
 W 2:10-4:00
 MEETS: JAN 13-MAY 9
 1872010 B M 8:00-8:50
 M 2:10-4:00
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN BSE 298 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

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

ENGINEER INTERNSHIP BSE 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

BIOLOGICAL SYSTEMS ENGINEERING

(CONTINUED)

COOPERATIVE EDUCATN BSE 398 R CREDIT
 Prereq: BSE 298, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

AGRIC ENGR DESIGN I BSE 415 2 CREDITS
 Prereq: A E 271 OR 272, E M 324
 Note: COURSE RESTRICTED TO A E, BSE MAJORS ON
 Available for nonmajor graduate credit
 1821005 M 12:10-1:00, ARRANGED
 MEETS: JAN 13-MAY 9

AG ENGR DESIGN II BSE 416 2 CREDITS
 Prereq: 415
 Note: COURSE RESTRICTED TO A E, BSE MAJORS ONLY
 Available for nonmajor graduate credit
 1853005 ARRANGED
 MEETS: JAN 13-MAY 9

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

IND STU BIORNW RSRC BSE 490B 1- 4 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY FOOD ENGR BSE 490F 1- 4 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN BSE 498 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: ARTIS 323
 Note: Instructor permission required 1st week.
 1857005 MW 6:10-9:00PM
 MEETS: JAN 13-MAY 9

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

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

INDEPENDENT STUDY BPM I 490 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR & ADVISORY COMM
 CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLMT

 SEE DEPT FOR REFERENCE NUMBERS

ILLUSTRATION INTERN BPM I 497 1- 6 CREDITS
 Prereq: JR OR SR CLASSIFICATION IN BPM I. WRITTEN
 APPROVAL OF SUPERVISING INSTR & ADVISORY COMM CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY

INTRODUCTORY BIOL BIOL 101 3 CREDITS
 2064005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 2064010 2 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 2064015 3 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://www.elo.iastate.edu/biology-courses-information/>

2064020 4 ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: Course delivery is WWW
 Section info: <http://www.elo.iastate.edu/biology-courses-information/>

2064600 XW ARRANGED PLEASANTS J
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

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

BIOLOGY

(CONTINUED)

ORIENT TRANSFR STDT BIOL 112 R CREDIT
 Satisfactory-Fail Only.
 8242005 W 5:30-6:30PM
 MEETS: JAN 13-MAY 9

HUMAN BIOLOGY BIOL 155 3 CREDITS
 Prereq: HS BIOLOGY & CHEMISTRY OR BIOL 101
 7079005 MWF 1:10-2:00 BASTAWROS H
 MEETS: JAN 13-MAY 9
 7079600 XW ARRANGED GUO H
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Secondary delivery is S

ENVIRONMNTL BIOLOGY BIOL 173 3 CREDITS
 2015005 1 ARRANGED PLEASANTS J
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://www.elo.iastate.edu/biology-courses-information/>
 2015010 2 TR 12:40-2:00 VALENZUELA M
 MEETS: JAN 13-MAY 9
 2015600 XW ARRANGED PLEASANTS J
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

BIODIVERSITY BIOL 204 2 CREDITS
 Prereq: ONE COURSE IN LIFE SCIENCES
 3892005 TR 9:00-10:50
 MEETS: MARCH 10-MAY 9

PRIN OF BIOLOGY I BIOL 211 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY
 9468005 1 MWF 8:00-8:50 ROE K
 MEETS: JAN 13-MAY 9
 9468010 2 TR 9:30-10:50 BIEDERMAN L
 MEETS: JAN 13-MAY 9
 9468015 3 MWF 2:10-3:00 DEITLOFF J
 MEETS: JAN 13-MAY 9

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 211
 9470005 1 T 9:00-11:50
 MEETS: JAN 13-MAY 9
 9470010 2 T 12:10-3:00
 MEETS: JAN 13-MAY 9
 9470015 3 T 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 9470020 4 T 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 9470025 5 W 9:00-11:50
 MEETS: JAN 13-MAY 9
 9470030 6 W 12:10-3:00
 MEETS: JAN 13-MAY 9
 9470035 7 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 9470040 8 W 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 9470045 9 R 9:00-11:50
 MEETS: JAN 13-MAY 9
 9470050 10 R 12:10-3:00
 MEETS: JAN 13-MAY 9
 9470055 11 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 9470060 12 R 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 9470065 13 T 9:00-11:50
 MEETS: JAN 13-MAY 9
 9470070 14 T 12:10-3:00
 MEETS: JAN 13-MAY 9
 9470075 15 T 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 9470080 16 T 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 9470085 17 W 9:00-11:50
 MEETS: JAN 13-MAY 9
 9470090 18 W 12:10-3:00
 MEETS: JAN 13-MAY 9
 9470095 19 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 9470100 20 W 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 9470105 21 R 9:00-11:50
 MEETS: JAN 13-MAY 9
 9470110 22 R 12:10-3:00
 MEETS: JAN 13-MAY 9
 9470115 23 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 9470120 24 R 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 9470125 25 M 12:10-3:00
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$110.00
 9470130 26 M 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$110.00
 9470135 27 M 12:10-3:00
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$110.00
 9470140 28 M 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$110.00

BIOLOGY

(CONTINUED)

PRIN OF BIOLOGY II BIOL 212 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY; H.S. CHEMISTRY OR
 CREDIT OR ENROLLMENT IN CHEM 163 OR CHEM 177
 9469005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 9469010 2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 9469015 3 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 9469020 4 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://project.bio.iastate.edu/>
 9469600 XW ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

PRIN BIOLOGY LAB II BIOL 212L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 212
 9471005 1 M 7:00-9:50
 MEETS: JAN 13-MAY 9
 9471010 2 M 10:00-12:50
 MEETS: JAN 13-MAY 9
 9471015 3 M 1:10-4:00
 MEETS: JAN 13-MAY 9
 9471020 4 M 4:10-7:00PM
 MEETS: JAN 13-MAY 9
 9471025 5 M 7:10-10:00PM
 MEETS: JAN 13-MAY 9
 9471030 6 T 7:00-9:50
 MEETS: JAN 13-MAY 9
 9471035 7 T 10:00-12:50
 MEETS: JAN 13-MAY 9
 9471040 8 T 1:10-4:00
 MEETS: JAN 13-MAY 9
 9471045 9 T 4:10-7:00PM
 MEETS: JAN 13-MAY 9
 9471050 10 T 7:10-10:00PM
 MEETS: JAN 13-MAY 9
 9471055 11 W 7:00-9:50
 MEETS: JAN 13-MAY 9
 9471060 12 W 10:00-12:50
 MEETS: JAN 13-MAY 9
 9471065 13 W 1:10-4:00
 MEETS: JAN 13-MAY 9
 9471070 14 W 4:10-7:00PM
 MEETS: JAN 13-MAY 9
 9471075 15 W 7:10-10:00PM
 MEETS: JAN 13-MAY 9
 9471080 16 R 7:00-9:50PM
 MEETS: JAN 13-MAY 9
 9471085 17 R 10:00-12:50
 MEETS: JAN 13-MAY 9
 9471090 18 R 1:10-4:00
 MEETS: JAN 13-MAY 9
 9471095 19 R 4:10-7:00PM
 MEETS: JAN 13-MAY 9
 9471100 20 R 7:10-10:00PM
 MEETS: JAN 13-MAY 9
 9471105 21 M 7:00-9:50
 MEETS: JAN 13-MAY 9
 9471110 22 M 10:00-12:50
 MEETS: JAN 13-MAY 9
 9471115 23 M 1:10-4:00
 MEETS: JAN 13-MAY 9
 9471120 24 M 4:10-7:00PM
 MEETS: JAN 13-MAY 9
 9471125 25 M 7:10-10:00PM
 MEETS: JAN 13-MAY 9
 9471130 26 T 7:00-9:50
 MEETS: JAN 13-MAY 9
 9471135 27 T 10:00-12:50
 MEETS: JAN 13-MAY 9
 9471140 28 T 1:10-4:00
 MEETS: JAN 13-MAY 9
 9471145 29 T 4:10-7:00PM
 MEETS: JAN 13-MAY 9
 9471150 30 T 7:10-10:00PM
 MEETS: JAN 13-MAY 9
 9471155 31 W 7:00-9:50
 MEETS: JAN 13-MAY 9
 9471160 32 W 10:00-12:50
 MEETS: JAN 13-MAY 9
 9471165 33 W 1:10-4:00
 MEETS: JAN 13-MAY 9
 9471170 34 W 4:10-7:00PM
 MEETS: JAN 13-MAY 9
 9471175 35 W 7:10-10:00PM
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$110.00
 9471180 36 R 7:00-9:50
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$110.00
 9471185 37 R 10:00-12:50
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$110.00
 9471190 38 R 1:10-4:00
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$110.00
 9471195 39 R 4:10-7:00PM
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$110.00
 9471200 40 R 7:10-10:00PM
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$110.00

BIOLOGY

(CONTINUED)

FUND HUMAN PHYSIOL BIOL 256 3 CREDITS
 Prereq: H.S. BIOLOGY AND CHEMISTRY, OR BIOL 101,
 OR BIOL 255 (RECOMMENDED)
 6408005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9
 6408010 2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 6408600 XW ARRANGED HAEN K
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmpttr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

FND HUMN PHYSIO LAB BIOL 256L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 256
 6419005 1 T 9:00-11:50
 MEETS: JAN 13-MAY 9
 6419010 2 T 12:10-3:00
 MEETS: JAN 13-MAY 9
 6419015 3 T 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 6419020 4 T 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 6419025 5 T 9:00-11:50
 MEETS: JAN 13-MAY 9
 6419030 6 T 12:10-3:00
 MEETS: JAN 13-MAY 9
 6419035 7 T 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 6419040 8 T 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 6419045 9 W 9:00-11:50
 MEETS: JAN 13-MAY 9
 6419050 10 W 12:10-3:00
 MEETS: JAN 13-MAY 9
 6419055 11 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 6419060 12 W 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 6419065 13 W 9:00-11:50
 MEETS: JAN 13-MAY 9
 6419070 14 W 12:10-3:00
 MEETS: JAN 13-MAY 9
 6419075 15 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 6419080 16 W 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 6419085 17 R 9:00-11:50
 MEETS: JAN 13-MAY 9
 6419090 18 R 12:10-3:00
 MEETS: JAN 13-MAY 9
 6419095 19 R 9:00-11:50
 MEETS: JAN 13-MAY 9
 6419100 20 R 12:10-3:00
 MEETS: JAN 13-MAY 9
 6419105 21 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 6419110 22 R 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 6419115 23 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9

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

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

PRINCIP OF GENETICS BIOL 313 3 CREDITS
 Prereq: BIOL 211, BIOL 212
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 9472005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

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

BIOLOGY

(CONTINUED)

GENETICS LABORATORY BIOL 313L 1 CREDIT
 9473050 10 TR 9:00-10:20
 MEETS: JAN 13-MAY 9

PRIN MOLEC CELL BIO BIOL 314 3 CREDITS
 Prereq: BIOL 211, 211L, 212, 212L
 9474005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 BASSHAM D

BIOLOGICAL EVOLUTN BIOL 315 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.
 BIOL 313 RECOMMENDED.
 5604005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9
 NASON J

ECO&EVOL ANIM PHYSL BIOL 336 3 CREDITS
 Prereq: BIOL 211, BIOL 212
 8850005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

GENOME PRSPCTV BIOL BIOL 349X 2 CREDITS
 Prereq: GEN 313 OR GEN 320
 9692005 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

COMPA CHORDATE ANAT BIOL 351 5 CREDITS
 Prereq: BIOL 212, JUNIOR CLASSIFICATION
 7090005 1 TR 9:30-10:50 PLEASANTS B
 MW 12:10-2:00 PLEASANTS B
 MEETS: JAN 13-MAY 9
 7090010 2 TR 9:30-10:50 PLEASANTS B
 TR 12:10-2:00 PLEASANTS B
 MEETS: JAN 13-MAY 9
 7090015 3 TR 9:30-10:50 PLEASANTS B
 MW 2:10-4:00 SPALDING B
 MEETS: JAN 13-MAY 9
 7090020 4 TR 9:30-10:50 SPALDING B
 MW 4:10-6:00PM SPALDING B
 MEETS: JAN 13-MAY 9

VERTEBRAT HISTOLOGY BIOL 352 4 CREDITS
 Prereq: BIOL 212
 7091005 1 MWF 10:00-10:50
 T 9:00-11:50
 MEETS: JAN 13-MAY 9
 7091010 2 MWF 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 13-MAY 9

INTRO PARASITOLOGY BIOL 353 3 CREDITS
 Prereq: BIOL 212
 7088005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 JONES D

PLANTS & PEOPLE BIOL 355 3 CREDITS
 Prereq: BIOL 211, BIOL 211L
 2082005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 WALLACE R

PLANT SYSTEMATICS BIOL 366 4 CREDITS
 Prereq: BIOL 211
 2084010 1 TR 12:40-2:00 CLARK L
 T 2:10-5:00
 MEETS: JAN 13-MAY 9
 2084015 2 TR 12:40-2:00 CLARK L
 W 12:10-3:00
 MEETS: JAN 13-MAY 9
 2084020 3 TR 12:40-2:00 CLARK L
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 2084025 4 TR 12:40-2:00 CLARK L
 R 9:00-11:50
 MEETS: JAN 13-MAY 9

ECO&ENVIRON SCI GIS BIOL 370X 1- 6 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL
 SCIENCES, AND PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 9498005 ARRANGED
 MEETS: JAN 13-MAY 9

ANALYS ENVIRON SYST BIOL 382 3 CREDITS
 Prereq: ENSCI 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 13-MAY 9
 4805010 1B MW 1:10-2:00 CASTELLANO M
 M 2:10-4:00 CASTELLANO M
 MEETS: JAN 13-MAY 9
 4805015 2A MW 1:10-2:00 CASTELLANO M
 W 2:10-4:00 CASTELLANO M
 MEETS: JAN 13-MAY 9
 4805020 2B MW 1:10-2:00 CASTELLANO M
 W 2:10-4:00 CASTELLANO M
 MEETS: JAN 13-MAY 9

BIOLOGY

(CONTINUED)

PRE-FLD TRIP SEMINR BIOL 393A 1 CREDIT
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 1918005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SECT 1 PREP TRAVEL TO BOUNDRY WATERS
 SPRING 2014
 Instructor permission required.

N AMERIC FIELD TRIP BIOL 393B 1- 3 CREDITS
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 1921005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: OPEN SECTION TRAVEL TO BOUNDRY WATERS SPRING
 2014
 Instructor permission required.

INTL FIELD TRIP SEM BIOL 394A 1 CREDIT
 Prereq: TWO COURSES IN THE BIOLOGICAL SCIENCES
 AND BY APPROVAL OF APPLICATION
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 3167005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Department permission required.

3167800 HN ARRANGED SAKAGUCHI D
 MEETS: MARCH 15-22
 Note: SEC HN TAUGHT IN HONDURAS. INTERNATIONAL
 FIELD TRIPS IN BIOLOGY: CARIBBEAN MARINE BIOLOGY
 Study Abroad Administrative Fee Applies

INTERNAT FIELD TRIP BIOL 394B 1- 3 CREDITS
 Prereq: TWO COURSES IN THE BIOLOGICAL SCIENCES
 AND BY APPROVAL OF APPLICATION
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 3223005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Department permission required.

3223800 HN ARRANGED SAKAGUCHI D
 MEETS: MARCH 15-22
 Note: SEC HN TAUGHT IN HONDURAS. INTERNATIONAL
 FIELD TRIPS IN BIOLOGY: CARIBBEAN MARINE BIOLOGY
 Study Abroad Administrative Fee Applies

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

DEVELOPMENTAL BIOL BIOL 423 3 CREDITS
 Prereq: BIOL 313
 7103005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

DEVELOPMTL BIOL LAB BIOL 423L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 423
 5680005 1 TR 12:10-1:30
 MEETS: JAN 13-MAY 9
 5680010 2 TR 1:40-3:00
 MEETS: JAN 13-MAY 9

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

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

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

MAMMALOGY BIOL 459 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2155005 1 MW 2:10-3:00
 MEETS: JAN 13-MAY 9
 2155010 2 MW 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: Materials, field trips &/or travel fee \$25.00

MAMMALOGY LABRATORY BIOL 459L 1 CREDIT
 Prereq: BIOL 351 OR BIOL 365 OR A ECL 365;
 CONCURRENT ENROLLMENT IN A ECL 459 OR BIOL 459 REQ'D
 9660005 1 T 9:00-11:50
 MEETS: JAN 13-MAY 9
 9660010 2 W 9:00-11:50
 MEETS: JAN 13-MAY 9

BIOLOGY

(CONTINUED)

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

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

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

PLANT ECOLOGY BIOL 474 3 CREDITS
 Prereq: BIOL 312
 Note: Available for nonmajor graduate credit
 2099005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

ID AQUATIC ORGANSMS BIOL 488 1 CREDIT
 Note: Available for nonmajor graduate credit
 4644005 1 ARRANGED
 MEETS: JAN 13-MAY 9

IND STU BIOL RESRCH BIOL 490H 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

UG TEACHNG EXPERNCE BIOL 491 1- 2 CREDITS
 Prereq: PERMISSION OF SUPERVISING STAFF
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY INTERNSHIP BIOL 494 1- 3 CREDITS
 Prereq: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSN
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR BIOL 495 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BIOL 498 R CREDIT
 Prereq: PERMISSION OF THE BIOLOGY PROGRAM
 COOPERATIVE EDUCATION COORDINATOR
 4546005 ARRANGED
 MEETS: JAN 13-MAY 9

UG RESEARCH EXPRNCE BIOL 499 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS IN BIOL 499 MAY BE APPLIED
 TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE
 APPLIED TO THE MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL SCIENCES

AN&PHYSL DOMES ANIM B M S 329 3 CREDITS
 Prereq: BIOL 212, 212L
 6968005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

PRIN MORPHOLOGY II B M S 331 4 CREDITS
 Prereq: 330, FIRST-YEAR CLASSIFICATION IN
 VET MED
 Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
 6009005 TR 1:10-2:00
 TR 2:10-4:00
 F 2:10-4:00
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 1936010 2 MTR 8:00-8:50
 WF 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 13-MAY 9

NEUROANATOMY B M S 337 3 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN 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 13-MAY 9
 6833010 2 MW 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 13-MAY 9

BIOMEDICAL SCIENCES (CONTINUED)

BIOMEDICAL SCIENCES (CONTINUED)

CASE STUDY II B M S 346 1 CREDIT
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 6458005 F 1:10-2:00
 MEETS: JAN 13-MAY 9

TOPCS MOLEC VET MED B M S 353 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN B M S 354
 6472005 M 3:10-5:00
 MEETS: MARCH 10-MAY 9

GENERAL PHARMACOLGY B M S 354 3 CREDITS
 Prereq: B M S 333, B M S 334
 Note: Available for nonmajor graduate credit
 3518005 MR 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 9

INTR AQUAT ANIM MED B M S 401 1 CREDIT
 2729005 1 T 7:10-9:00PM
 MEETS: MARCH 10-MAY 9

BEHAVIOR DOMES ANIM B M S 403 1 CREDIT
 Prereq: CLASSIFICATION IN V MED
 6840005 F 12:10-1:00
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY B M S 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS B M S 490H 1- 5 CREDITS
 Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MTHD BIOMED SCI B M S 501 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A B M S FACULTY MEMBER
 6978005 ARRANGED
 MEETS: JAN 13-MAY 9

MTHDS IN BIOMED SCI B M S 502X 3 CREDITS
 9483005 WF 9:00-11:50
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$1,290.00

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 13-MAY 9

BIOMEDICAL SCIEN II B M S 534 6 CREDITS
 Prereq: FIRST YEAR CLASSIFICATION IN V MED OR GRADUATE STUDENT STATUS
 9325005 1 MTR 8:00-8:50
 WF 10:00-10:50
 T 9:00-11:50
 MEETS: JAN 13-MAY 9
 9325010 2 MTR 8:00-8:50
 WF 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 6847010 2 MW 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 13-MAY 9

PRINCPLS PHARMACLGY B M S 539X 4 CREDITS
 6531005 MTRF 8:00-8:50
 MEETS: JAN 13-MAY 9

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 14-FEB 13

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 18-MARCH 27

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: APRIL 1-MAY 1

INTR METABLMCS TCNQ B M S 542F 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 9011005 M 1:10-4:00, ARRANGED
 MEETS: FEB 10-APRIL 21

TOPCS MOLEC VET MED B M S 553 1 CREDIT
 Prereq: CR OR ENRLMNT IN B M S 554 & GRAD CLASSIFICATION
 6624005 M 3:10-5:00
 MEETS: MARCH 10-MAY 9

GENERAL PHARMACOLGY B M S 554 3 CREDITS
 Prereq: B M S 549, B M S 552, BBMB 404, BBMB 405
 3531005 MR 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 9

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 13-MAY 9

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 13-MAY 9

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 13-MAY 9

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 CHEMICALS

EVOLVING CHEMCL IND BR C 506 1 CREDIT
 7981005 ARRANGED
 MEETS: JAN 9-10

BIORNW ENTRPRNEURSH BR C 507 1 CREDIT
 Prereq: GRAD STANDING OR INSTRUCTOR PERMISSION
 2592005 R 4:10-5:00
 MEETS: JAN 13-MAY 9

BIORENEWABLE RESOURCES & TECHNOLOGY

FUND BIORENEW RESOU BRT 501 3 CREDITS
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
 6534005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

6534600 XE ARRANGED BROWN R
 MEETS: JAN 13-MAY 9
 Section XE is off campus
 Course delivery is WWW

BIOBASE PROD SEMINR BRT 506A 1 CREDIT
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS,
 ENROLLMENT IN BRT GRADUATE CERTIFICATE PROGRAM
 Satisfactory-Fail Only.
 6476005 ARRANGED
 MEETS: JAN 13-MAY 9

BIOBASE PROD SEMINR BRT 506B R CREDIT
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
 Satisfactory-Fail Only.
 6505005 ARRANGED
 MEETS: JAN 13-MAY 9

BIORNW ENTRPRNEURSH BRT 507 1 CREDIT
 Prereq: GRAD STANDING OR INSTRUCTOR PERMISSION
 2399005 R 4:10-5:00
 MEETS: JAN 13-MAY 9

INTL BIORNW LAW&POL BRT 516X 3 CREDITS
 9707600 XE ARRANGED BROWN T
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

THRMOCHM PROC BIOMS BRT 535 3 CREDITS
 Prereq: UNDERGRAD COURSEWORK IN THERMODYNAMICS
 AND TRANSPORT PHENOMENA
 4858005 TR 11:00-12:15
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS BRT 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR OR MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIORENEW 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 13-MARCH 7

6144010 2 R 12:40-1:30
 MEETS: JAN 13-MARCH 7

6144015 3 W 8:00-8:50
 MEETS: JAN 13-MARCH 7

6144020 4 F 8:00-8:50
 MEETS: JAN 13-MARCH 7

6144025 5 W 1:10-2:00
 MEETS: JAN 13-MARCH 7

6144030 6 M 8:00-8:50
 MEETS: JAN 13-MARCH 7

CAREERS&EMPLOY PREP BUSAD 203X 1 CREDIT
 Prereq: BUSAD 101 OR BUSAD 102
 Note: COURSE RESTRICTED TO COLLEGE OF
 BUSINESS UNDERGRADS ONLY
 7171005 1 M 12:10-1:00
 MEETS: JAN 13-MAY 9

7171010 2 M 1:10-2:00
 MEETS: JAN 13-MAY 9

7171015 3 T 5:10-6:00PM
 MEETS: JAN 13-MAY 9

7171020 4 T 12:40-1:30
 MEETS: JAN 13-MAY 9

7171025 5 T 2:10-3:00
 MEETS: JAN 13-MAY 9

7171030 6 W 12:10-1:00
 MEETS: JAN 13-MAY 9

BUSINESS ADMINISTRATION

(CONTINUED)

CAREERS&EMPLOY PREP BUSAD 203X 1 CREDIT
 7171035 7 W 1:10-3:00
 MEETS: JAN 13-MAY 9

7171040 8 R 5:10-6:00PM
 MEETS: JAN 13-MAY 9

7171045 9 R 12:40-1:30
 MEETS: JAN 13-MAY 9

7171050 10 R 2:10-3:00
 MEETS: JAN 13-MAY 9

INTRO TO BUSINESS BUSAD 250 3 CREDITS
 Prereq: BUSAD 150 OR COM S 103
 Note: SEC A1,B1 ECT RESTRICTED TO COLLEGE OF BUSINESS
 ONLY. SEC A2,B2 ECT FOR MAJORS OTHER THAN IN THE
 COLLEGE OF BUSINESS.
 8807005 A1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

8807010 A2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

8807015 B1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

8807020 B2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

8807025 C1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

8807030 C2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

8807035 D1 TR 8:00-9:20
 MEETS: JAN 13-MAY 9

8807040 D2 TR 8:00-9:20
 MEETS: JAN 13-MAY 9

8807045 E1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8807050 E2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8807055 F1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

8807060 F2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

8807065 G1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9

8807070 G2 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9

8807075 J1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

8807080 J2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

8807085 K1 MWF 4:10-5:00
 MEETS: JAN 13-MAY 9

8807090 K2 MWF 4:10-5:00
 MEETS: JAN 13-MAY 9

8807095 L1 MW 5:10-6:25PM
 MEETS: JAN 13-MAY 9

8807100 L2 MW 5:10-6:25PM
 MEETS: JAN 13-MAY 9

8807105 M1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

8807110 M2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

8807115 N1 MW 6:40-7:55PM
 MEETS: JAN 13-MAY 9

8807120 N2 MW 6:40-7:55PM
 MEETS: JAN 13-MAY 9

EXP DOMESTIC INTERN BUSAD 291A 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF SUPERVISING
 INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 PRIOR TO THE LEARNING EXPERIENCE
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENTREPRENSHP SEMINR BUSAD 292 1 CREDIT
 Prereq: MEMBERSHIP OR APPLIED FOR MEMBERSHIP
 TO ENTREPRENEURSHIP AND INNOVATION LEARNING COMMUNITY
 8304005 T 9:30-10:50
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUC BUSAD 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS
 PERMISSION OF KATHY WIELAND REQUIRED TO ADD.
 Satisfactory-Fail Only.
 6147005 A ARRANGED
 MEETS: JAN 13-MAY 9
 Note: College permission required - go to
 1200 Gerdin.

IND STDY ENTREPRENR BUSAD 490E 1- 3 CREDITS
 Note: Instructor permission required.
 3635005 ARRANGED
 MEETS: JAN 13-MAY 9

INDEP STUDY HONORS BUSAD 490H 1- 3 CREDITS
 Prereq: ADMISSION TO THE BUSINESS HONORS PROGRAM
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ADMINISTRATION (CONTINUED)

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

EXP INT'L INTERNSHP BUSAD 491B 1- 3 CREDITS
 Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO 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
 7533800 IE ARRANGED SCHEIBE K
 MEETS: MARCH 15-22
 Note: SEC IE TAUGHT IN DUBLIN, IRELAND & CORK, IRELAND.
 MBA 2014 LIVE CASE STUDY TOUR IRELAND STUDY ABROAD SPRING 2014
 Study Abroad Administrative Fee Applies
 7533010 MP ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

MBA PRO SKIL DEV II BUSAD 594 R CREDIT
 Prereq: 592
 Satisfactory-Fail Only.
 9425005 F 8:30-11:50
 MEETS: JAN 17-APRIL 11

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 PETERSON M
 MEETS: JAN 13-MAY 9

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

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

CREATV COMPONEN SCM BUSAD 599L 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BUSAD 699 3- 6 CREDITS
 Prereq: GRAD CLASSIF, PERMISSION OF MAJOR PROF
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING

LEARNING COMMUNITY CH E 104 R CREDIT
 Prereq: ENROLLMENT IN CH E LEARNING TEAM
 Satisfactory-Fail Only.
 3630005 A M 2:10-3:00
 MEETS: JAN 13-MAY 9
 3630010 B R 11:00-11:50
 MEETS: JAN 13-MAY 9

CH E PROBL CPTR LAB CH E 160 3 CREDITS
 Prereq: MATH 142 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165
 2778005 A TR 12:10-2:00
 MEETS: JAN 13-MAY 9
 2778010 B TR 2:10-4:00
 MEETS: JAN 13-MAY 9

CHEMICAL ENGINEERING (CONTINUED)

SEMINAR CH E 202 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION IN CH E
 2432005 A R 3:40-4:30
 MEETS: JAN 13-MAY 9

MATRL &ENERGY BALNC CH E 210 3 CREDITS
 Prereq: CHEM 178, MATH 166
 2429005 A MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

INTRO BIOMEDIC ENGR CH E 220 3 CREDITS
 Prereq: BIOL 212, ENGR 160 OR EQUIV, MATH 166, CHEM 167 OR CHEM 178, PHYS 221
 8998005 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

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

COMPUT MTHDS CHEM E CH E 310 3 CREDITS
 Prereq: CH E 210 AND ENGR 160
 Note: Available for nonmajor graduate credit
 2104005 A TR 2:10-3:30
 MEETS: JAN 13-MAY 9

CHEMICAL ENGR LAB I CH E 325 2 CREDITS
 Prereq: CH E 357, CREDIT OR ENROLLMENT IN CH E 381
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 5699005 A TR 10:00-11:50
 MEETS: JAN 13-MAY 9
 5699010 B TR 12:10-2:00
 MEETS: JAN 13-MAY 9
 5699015 C MW 2:10-4:00
 MEETS: JAN 13-MAY 9

TRANSPRT PHENOMEN I CH E 356 3 CREDITS
 Prereq: CH E 210, PHYS 221, CREDIT OR ENROLLMENT IN MATH 267
 Note: Available for nonmajor graduate credit
 2435005 A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 2435010 B MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

TRANSPRT PHENOMN II CH E 357 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CH E 310; CH E 356
 Note: Available for nonmajor graduate credit
 2436005 A MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

SEPARATIONS CH E 358 3 CREDITS
 Prereq: CH E 310, CH E 357
 Note: Available for nonmajor graduate credit
 2437005 A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 2437010 B MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

CH E THERMODYNAMICS CH E 381 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CH E 310; MATH 267, PHYS 222, CHEM 325
 Note: Available for nonmajor graduate credit
 2438005 A MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

CHEMICL REACTN ENGR CH E 382 3 CREDITS
 Prereq: CREDIT IN CH E 310; CH E 381, CREDIT OR ENROLLMENT IN CH E 357
 Note: Available for nonmajor graduate credit
 2439005 A MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

FOREIGN STDY ORIENT CH E 391 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CH E 357 AND CH E 381 OR PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 7162010 SP T 4:10-5:00
 MEETS: JAN 13-MAY 9
 Note: STUDY ABROAD PREP: OVIEDO, SPAIN
 Instructor permission required.

ENGINEER INTERNSHIP CH E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT EACH TIME TAKEN
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC CH E 398 R CREDIT
 Prereq: CH E 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING (CONTINUED)

BIOCHEMICAL ENGINEER CH E 415 3 CREDITS
 Prereq: CH E 357, CH E 382 RECOMMENDED, CHEM 331
 Note: Available for nonmajor graduate credit
 2446005 A MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

PROCESS CONTROL CH E 421 3 CREDITS
 Prereq: CH E 358, CH E 382, MATH 267
 Note: Available for nonmajor graduate credit
 2447005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9

CHEMICAL ENGR LAB II CH E 426 2 CREDITS
 Prereq: CH E 325, CH E 358, CH E 382
 Note: RESTRICTED TO CH E SENIORS GRADUATING SPRING 2013
 CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 2448005 A T 2:10-6:00PM
 MEETS: JAN 13-MAY 9
 2448010 B R 2:10-6:00PM
 MEETS: JAN 13-MAY 9

BIOLOGICAL ENGR LAB CH E 427 2 CREDITS
 Prereq: CREDIT IN CH E 325, CH E 358, CH E 382,
 AND BMBB 301
 Note: CREDIT FOR EITHER CH E 426 OR CH E 427, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 2107005 A R 2:10-6:00PM
 MEETS: JAN 13-MAY 9

PROCESS & PLANT DESIGN CH E 430 4 CREDITS
 Prereq: CH E 358, CH E 382
 Note: Available for nonmajor graduate credit
 2449005 A TR 9:30-10:20
 TR 10:30-12:20
 MEETS: JAN 13-MAY 9

POLYMERS & POLY ENGR CH E 447 3 CREDITS
 Prereq: CH E 382 AND CHEM 331 OR MAT E 351
 Note: Available for nonmajor graduate credit
 7146005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

UG RESRCH/IND STUDY CH E 490 1- 6 CREDITS
 Prereq: PERMISSION OF DEPARTMENT
 Note: NO MORE THAN 6 CREDITS OF CH E 490 MAY BE
 APPLIED TOWARDS GRADUATION AS TECHNICAL ELECTIVES

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS CH E 490H 1- 6 CREDITS
 Prereq: MEMBERSHIP IN THE HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY. NO MORE THAN 6 CREDITS OF CH E 490 MAY BE
 APPLIED TOWARDS GRADUATION AS TECHNICAL ELECTIVES.

 SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CH E 498 R CREDIT
 Prereq: CH E 398, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES

 SEE DEPT FOR REFERENCE NUMBERS

BIOCHEMICAL ENGINEER CH E 515 3 CREDITS
 Prereq: CH E 357, CH E 382, CHEM 331
 2136005 A MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

POLYMERS & POLY ENGR CH E 547 3 CREDITS
 Prereq: CH E 382 AND CHEM 331 OR MAT E 351
 9043005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

ADV CH REACTOR DSGN CH E 587 3 CREDITS
 Prereq: CH E 382
 2468005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY CH E 590 2- 6 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT CH E 599 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

SEMINAR CH E 601 R CREDIT
 Satisfactory-Fail Only.
 2479005 A R 11:00-11:50
 MEETS: JAN 13-MAY 9

PRIN&AP MOLEC SIMUL CH E 642 3 CREDITS
 Prereq: CH E 545
 8061005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

CHEMICAL ENGINEERING (CONTINUED)

INDEPENDENT STUDY CH E 692 2- 6 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP CH E 697 R CREDIT
 Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF
 2116005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Department permission required.

RESEARCH CH E 699 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

CHEMISTRY

COLLEGE CHEM PREP CHEM 50 0 CREDITS
 Prereq: ONE YEAR OF HIGH SCHOOL ALGEBRA
 Note: DEVELOPMENTAL CHEM 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 10-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem50/>

CHEM LRN CMM ORIENT CHEM 101 1 CREDIT
 Prereq: MEMBER OF THE CHEM LEARNING COMMUNITY
 Satisfactory-Fail Only.
 9234005 T 4:10-5:00 BURNETT J
 MEETS: JAN 13-MAY 9

PHYSCL SC FOR EL ED CHEM 102L 3 CREDITS
 Prereq: MATH 195 OR MATH 140
 8675005 1 T 8:00-8:50
 TR 10:00-11:50
 MEETS: JAN 13-MAY 9
 8675010 2 T 8:00-8:50
 TR 12:10-2:00
 MEETS: JAN 13-MAY 9
 8675015 3 T 8:00-8:50
 TR 2:10-4:00
 MEETS: JAN 13-MAY 9
 8675020 4 T 8:00-8:50
 WF 8:00-9:50
 MEETS: JAN 13-MAY 9
 8675025 5 T 8:00-8:50
 WF 10:00-11:50
 MEETS: JAN 13-MAY 9
 8675030 6 T 8:00-8:50
 WF 12:10-2:00
 MEETS: JAN 13-MAY 9

CHEM IN MOD SOCIETY CHEM 160 3 CREDITS
 2488005 TR 11:00-12:15 HOLME T
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem160/>

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS
 Prereq: 1 YR H.S. ALGEBRA AND GEOMETRY AND
 EITHER CHEM 50 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR
 ENROLLMENT IN 163L
 Note: MUST BE ACCOMPANIED BY CHEM 163L UNLESS STUDENT
 ALREADY HAS CREDIT IN 163L. CREDIT FOR ONLY ONE OF
 THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE
 APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167,
 CHEM 177, CHEM 201. TESTOUT NOT AVAILABLE TO STUDENTS
 ALSO REGISTERED.
 2489005 1 MWF 9:00-9:50 BURKE K
 R 8:00-8:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem163/>

2489010 2 MWF 9:00-9:50 BURKE K
 R 8:00-8:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem163/>

2489015 3 MWF 9:00-9:50 BURKE K
 R 9:00-9:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem163/>

2489020 4 MWF 9:00-9:50 BURKE K
 R 9:00-9:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem163/>

2489025 5 MWF 9:00-9:50 BURKE K
 R 10:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem163/>

2489030 6 MWF 9:00-9:50 BURKE K
 R 10:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem163/>

2489035 7 MWF 9:00-9:50 BURKE K
 R 11:00-11:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem163/>

2489040 8 MWF 9:00-9:50 BURKE K
 R 11:00-11:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem163/>

CHEMISTRY (CONTINUED)

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS
 2489045 9 MWF 9:00-9:50 BURKE K
 R 12:10-1:00
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem163/
 2489050 10 MWF 9:00-9:50 BURKE K
 R 12:10-1:00
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem163/
 2489055 11 MWF 9:00-9:50 BURKE K
 R 1:10-2:00
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem163/
 2489060 12 MWF 9:00-9:50 BURKE K
 R 1:10-2:00
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem163/
 2489065 13 MWF 9:00-9:50 BURKE K
 R 2:10-3:00
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem163/
 2489070 14 MWF 9:00-9:50 BURKE K
 R 2:10-3:00
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem163/
 2489075 15 MWF 9:00-9:50 BURKE K
 R 3:10-4:00
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem163/
 2489080 16 MWF 9:00-9:50 BURKE K
 R 3:10-4:00
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem163/
 GENERAL CHEM LAB I CHEM 163L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN CHEM
 163
 Note: MUST BE ACCOMPANIED BY CHEM 163 UNLESS STUDENT
 ALREADY HAS CREDIT IN 163. CREDIT FOR ONLY ONE OF
 THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION:
 CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L
 2490005 1 M 12:10-3:00 BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490010 2 M 3:10-6:00PM BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490015 3 M 3:10-6:00PM BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490020 4 T 9:00-11:50 BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490025 5 T 12:10-3:00 BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490030 6 T 12:10-3:00 BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490035 7 T 3:10-6:00PM BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490040 8 T 3:10-6:00PM BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490045 9 W 12:10-3:00 BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490050 10 W 3:10-6:00PM BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490055 11 W 3:10-6:00PM BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490060 12 R 12:10-3:00 BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490065 13 R 3:10-6:00PM BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490070 14 R 3:10-6:00PM BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/

CHEMISTRY (CONTINUED)

GENERAL CHEM LAB I CHEM 163L 1 CREDIT
 2490075 15 M 12:10-3:00 BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490080 16 T 9:00-11:50 BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/
 2490085 17 W 12:10-3:00 BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem163l/
 2490090 18 R 9:00-11:50 BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem163l/
 2490095 19 R 9:00-11:50 BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem163l/
 2490100 20 R 12:10-3:00 BURKE K
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem163l/
 ENGNRS GENERAL CHEM CHEM 167 4 CREDITS
 Prereq: MATH 140 OR HIGH SCHOOL EQUIV AND ONE
 YEAR OF HIGH SCHOOL CHEM OR CHEM 50
 Note: RESTRICTED TO ENGR COLLEGE MAJORS OR OPEN. CREDIT
 FOR ONLY ONE OF THE FOLLOWING COURSES (AND
 ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION:
 CHEM 163, CHEM 167, CHEM 177, CHEM 201. TESTOUT
 NOT AVAILABLE TO STUDENTS ALSO REGISTERED.
 2493005 1 MWF 9:00-9:50 HOUK R
 T 8:00-8:50
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem167/
 2493010 2 MWF 9:00-9:50 HOUK R
 T 9:00-9:50
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem167/
 2493015 3 MWF 9:00-9:50 HOUK R
 T 10:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem167/
 2493020 4 MWF 9:00-9:50 HOUK R
 T 11:00-11:50
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem167/
 2493055 5 MWF 9:00-9:50 HOUK R
 T 12:10-1:00
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem167/
 2493030 6 MWF 9:00-9:50 HOUK R
 T 1:10-2:00
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem167/
 2493035 7 MWF 9:00-9:50 HOUK R
 T 2:10-3:00
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem167/
 2493040 8 MWF 9:00-9:50 HOUK R
 T 3:10-4:00
 MEETS: JAN 13-MAY 9
 Section info: http://http://avogadro.chem.iastate.edu
 /chem167/
 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 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem167l/
 2494010 2 M 3:10-6:00PM HOUK R
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem167l/
 2494015 3 T 12:10-3:00 HOUK R
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem167l/
 2494020 4 T 3:10-6:00PM HOUK R
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem167l/
 2494025 5 W 12:10-3:00 HOUK R
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem167l/
 2494030 6 W 3:10-6:00PM HOUK R
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu
 /chem167l/

CHEMISTRY (CONTINUED)

ENGINR GEN CHEM LAB CHEM 167L 1 CREDIT
 2494035 7 R 9:00-11:50 HOUK R
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem167/>

2494040 8 R 12:10-3:00 HOUK R
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem167/>

2494045 9 R 3:10-6:00PM HOUK R
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem167/>

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
 Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR
 1 YR H.S. CHEM, CR OR ENROLLMENT IN CHEM 177L.
 CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
 Note: CHEM 177 MUST BE ACCOMPANIED BY CHEM 177L UNLESS
 STUDENT ALREADY HAS CREDIT IN 177L. CREDIT FOR ONLY
 ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS)
 MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167,
 CHEM 177, CHEM 201. TESTOUT NOT AVAILABLE TO
 STUDENTS ALSO REGISTERED.

2495005 1 MWF 12:10-1:00 SCHEWE-MILLER I
 R 8:00-8:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495010 2 MWF 10:00-10:50 BONACCORSI C
 R 8:00-8:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495015 3 MWF 12:10-1:00 SCHEWE-MILLER I
 R 8:00-8:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495020 4 MWF 12:10-1:00 SCHEWE-MILLER I
 R 9:00-9:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495025 5 MWF 12:10-1:00 SCHEWE-MILLER I
 R 9:00-9:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495030 6 MWF 12:10-1:00 SCHEWE-MILLER I
 R 10:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495035 7 MWF 10:00-10:50 BONACCORSI C
 R 10:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495040 8 MWF 12:10-1:00 SCHEWE-MILLER I
 R 11:00-11:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495045 9 MWF 12:10-1:00 SCHEWE-MILLER I
 R 11:00-11:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495050 10 MWF 12:10-1:00 SCHEWE-MILLER I
 R 12:10-1:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495055 11 MWF 10:00-10:50 BONACCORSI C
 R 12:10-1:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495060 12 MWF 12:10-1:00 SCHEWE-MILLER I
 R 1:10-2:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495065 13 MWF 12:10-1:00 SCHEWE-MILLER I
 R 1:10-2:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495070 14 MWF 12:10-1:00 SCHEWE-MILLER I
 R 2:10-3:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495075 15 MWF 10:00-10:50 BONACCORSI C
 R 2:10-3:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495080 16 MWF 12:10-1:00 SCHEWE-MILLER I
 R 3:10-4:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

CHEMISTRY (CONTINUED)

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
 2495085 17 MWF 12:10-1:00 SCHEWE-MILLER I
 R 3:10-4:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495090 18 MWF 10:00-10:50 BONACCORSI C
 R 8:00-8:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495095 19 MWF 10:00-10:50 BONACCORSI C
 R 9:00-9:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495100 20 MWF 10:00-10:50 BONACCORSI C
 R 10:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495105 21 MWF 10:00-10:50 BONACCORSI C
 R 11:00-11:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495110 22 MWF 10:00-10:50 BONACCORSI C
 R 12:10-1:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495115 23 MWF 10:00-10:50 BONACCORSI C
 R 1:10-2:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495120 24 MWF 10:00-10:50 BONACCORSI C
 R 3:10-4:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

2495125 25 MWF 10:00-10:50 BONACCORSI C
 R 4:10-5:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177/>

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 177
 Note: CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS
 STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY
 ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD
 GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L,
 CHEM 177N, CHEM 201L.

2496005 1 M 9:00-11:50 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Note: Materials and equipment use fee \$80.00
 Section info: <http://http://avogadro.chem.iastate.edu/chem177l/>

2496010 2 M 9:00-11:50 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177l/>

2496015 3 M 3:10-6:00PM BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177l/>

2496020 4 M 3:10-6:00PM BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177l/>

2496025 5 M 3:10-6:00PM BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177l/>

2496030 6 T 9:00-11:50 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177l/>

2496035 7 T 9:00-11:50 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177l/>

2496040 8 T 9:00-11:50 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177l/>

2496045 9 T 12:10-3:00 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177l/>

2496050 10 T 12:10-3:00 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177l/>

2496055 11 T 12:10-3:00 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177l/>

2496060 12 T 3:10-6:00PM BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177l/>

2496065 13 T 3:10-6:00PM BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem177l/>

CHEMISTRY (CONTINUED)

CHEMISTRY (CONTINUED)

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
 /chem177/
 2496070 14 T 3:10-6:00PM BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem177/
 2496075 15 W 9:00-11:50 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem177/
 2496080 16 W 9:00-11:50 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem177/
 2496085 17 W 3:10-6:00PM BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem177/
 2496090 18 W 3:10-6:00PM BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem177/
 2496095 19 R 9:00-11:50 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem177/
 2496100 20 R 9:00-11:50 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem177/
 2496105 21 R 12:10-3:00 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem177/
 2496110 22 R 12:10-3:00 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem177/
 2496115 23 R 3:10-6:00PM BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem177/
 2496120 24 R 3:10-6:00PM BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem177/
 2496125 25 W 9:00-11:50 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu>
 /chem177/
 2496126 26 W 3:10-6:00PM BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu>
 /chem177/
 2496127 27 M 12:10-3:00 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu>
 /chem177/
 2496128 28 M 12:10-3:00 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu>
 /chem177/
 2496129 29 W 12:10-3:00 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu>
 /chem177/
 2496130 30 W 12:10-3:00 BONACCORSI C
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu>
 /chem177/

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 Prereq: CHEM 177, CHEM 177L
 Note: TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.
 2499005 1 MW 1:10-2:00 BURNETT J
 F 8:00-8:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu>
 /chem178/
 2499010 2 MW 1:10-2:00 BURNETT J
 F 8:00-8:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu>
 /chem178/
 2499015 3 MW 1:10-2:00 BURNETT J
 F 9:00-9:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu>
 /chem178/
 2499020 4 MW 1:10-2:00 BURNETT J
 F 9:00-9:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu>
 /chem178/
 2499025 5 MW 1:10-2:00 BURNETT J
 F 10:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499030 6 MW 1:10-2:00 BURNETT J
 F 10:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 /chem178/
 2499035 7 MW 1:10-2:00 BURNETT J
 F 10:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499040 8 MW 1:10-2:00 BURNETT J
 F 11:00-11:50
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499045 9 MW 1:10-2:00 BURNETT J
 F 11:00-11:50
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499050 10 MW 1:10-2:00 BURNETT J
 F 1:10-2:00
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499055 11 MW 1:10-2:00 BURNETT J
 F 2:10-3:00
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499060 12 MW 1:10-2:00 BURNETT J
 F 2:10-3:00
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499065 13 MW 1:10-2:00 BURNETT J
 F 3:10-4:00
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499070 14 MW 3:10-4:00 BURNETT J
 F 8:00-8:50
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499075 15 MW 3:10-4:00 BURNETT J
 F 8:00-8:50
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499080 16 MW 3:10-4:00 BURNETT J
 F 9:00-9:50
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499085 17 MW 3:10-4:00 BURNETT J
 F 9:00-9:50
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499090 18 MW 3:10-4:00 BURNETT J
 F 10:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499095 19 MW 3:10-4:00 BURNETT J
 F 11:00-11:50
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499100 20 MW 3:10-4:00 BURNETT J
 F 12:10-1:00
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499105 21 MW 3:10-4:00 BURNETT J
 F 12:10-1:00
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499110 22 MW 3:10-4:00 BURNETT J
 F 1:10-2:00
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499115 23 MW 3:10-4:00 BURNETT J
 F 1:10-2:00
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu>
 /chem178/
 2499120 24 MW 3:10-4:00 BURNETT J
 F 2:10-3:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu>
 /chem178/
 2499125 25 MW 3:10-4:00 BURNETT J
 F 2:10-3:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu>
 /chem178/
 2499130 26 MW 3:10-4:00 BURNETT J
 F 3:10-4:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu>
 /chem178/

CHEMISTRY (CONTINUED)

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 2499135 27 MW 3:10-4:00 BURNETT J
 F 3:10-4:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>
 2499140 28 TR 11:00-11:50 VELA-BECERRA J
 F 8:00-8:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>
 2499145 29 TR 11:00-11:50 VELA-BECERRA J
 F 8:00-8:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>
 2499150 30 TR 11:00-11:50 VELA-BECERRA J
 F 9:00-9:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>
 2499155 31 TR 11:00-11:50 VELA-BECERRA J
 F 9:00-9:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>
 2499160 32 TR 11:00-11:50 VELA-BECERRA J
 F 10:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>
 2499165 33 TR 11:00-11:50 VELA-BECERRA J
 F 10:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>
 2499170 34 TR 11:00-11:50 VELA-BECERRA J
 F 11:00-11:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>
 2499175 35 TR 11:00-11:50 VELA-BECERRA J
 F 12:10-1:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>
 2499180 36 TR 11:00-11:50 VELA-BECERRA J
 F 12:10-1:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>
 2499185 37 TR 11:00-11:50 VELA-BECERRA J
 F 1:10-2:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>
 2499190 38 TR 11:00-11:50 VELA-BECERRA J
 F 1:10-2:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>
 2499195 39 TR 11:00-11:50 VELA-BECERRA J
 F 2:10-3:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>
 2499200 40 TR 11:00-11:50 VELA-BECERRA J
 F 3:10-4:00
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178/>

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
 Prereq: CHEM 177L AND CREDIT OR ENROLLMENT
 IN CHEM 178
 Note: MUST BE ACCOMPANIED BY OR HAVE CREDIT IN 178.
 2500005 1 M 9:00-11:50 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500010 2 M 9:00-11:50 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500015 3 M 9:00-11:50 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500020 4 M 12:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500025 5 M 12:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500030 6 M 12:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500035 7 M 3:10-6:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Note: SECTION 7 RESTRICTED TO HONORS STUDENTS ONLY
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>

CHEMISTRY (CONTINUED)

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
 2500040 8 M 3:10-6:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500045 9 M 3:10-6:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500050 10 T 9:00-11:50 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500055 11 T 12:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500060 12 T 9:00-11:50 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500065 13 T 12:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500070 14 T 12:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500075 15 T 3:10-6:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500080 16 T 3:10-6:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500085 17 W 9:00-11:50 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500090 18 W 9:00-11:50 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500095 19 W 12:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500100 20 W 12:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500105 21 W 12:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500110 22 W 3:10-6:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500115 23 W 3:10-6:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500120 24 W 3:10-6:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500125 25 R 9:00-11:50 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500130 26 R 9:00-11:50 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500135 27 R 9:00-11:50 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500140 28 R 12:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500145 29 R 12:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500150 30 R 12:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500155 31 R 3:10-6:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500160 32 R 3:10-6:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>
 2500165 33 R 3:10-6:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>

CHEMISTRY

(CONTINUED)

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
 2500170 34 M 6:10-9:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>

2500175 35 M 6:10-9:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>

2500180 36 T 9:00-11:50 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>

2500185 37 T 3:10-6:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>

2500190 38 W 9:00-11:50 BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>

2500195 39 M 6:10-9:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178l/>

2500200 40 T 6:10-9:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178l/>

2500205 41 T 6:10-9:00PM BURNETT J
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem178l/>

QUANT&ENVIRO ANALYS CHEM 211 2 CREDITS
 Prereq: 163 AND 163L, CREDIT OR ENROLLMNT IN 178, OR 201 AND 201L; AND CONCURRENT ENROLLMENT IN 211L
 2503005 1 MW 11:00-11:50 SMITH E
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem211/>

QNT&ENVIRO ANALY LAB CHEM 211L 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 163 AND CHEM 163L, OR CHEM 178; CONCURRENT ENROLLMENT IN CHEM 211
 3678005 1 MW 12:10-3:00 SMITH E
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem211l/>

3678010 2 MW 3:10-6:00PM SMITH E
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem211l/>

3678015 3 TR 9:00-11:50 SMITH E
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem211l/>

3678020 4 TR 12:10-3:00 SMITH E
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem211l/>

3678025 5 TR 3:10-6:00PM SMITH E
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem211l/>

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 KINGSTON J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem231/>

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 231; 163L OR 177L
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 333L
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 7900005 1 M 8:00-8:50 KINGSTON J
 M 9:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>

7900010 2 M 12:10-1:00 KINGSTON J
 M 1:10-3:00
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>

7900015 3 M 3:10-4:00 KINGSTON J
 M 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>

7900020 4 M 6:10-9:00PM KINGSTON J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>

CHEMISTRY

(CONTINUED)

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
 7900025 5 T 9:00-9:50 KINGSTON J
 T 10:00-11:50
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>

7900030 6 T 12:10-1:00 KINGSTON J
 T 1:10-3:00
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>

7900035 7 T 3:10-4:00 KINGSTON J
 T 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>

7900040 8 W 8:00-8:50 KINGSTON J
 W 9:00-10:50
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem231l/>

7900045 9 T 6:10-9:00PM KINGSTON J
 MEETS: JAN 13-MAY 9
 Section info: <http://http://avogadro.chem.iastate.edu/chem231l/>

7900050 10 T 6:10-9:00PM KINGSTON J
 MEETS: JAN 13-MAY 9
 Note: Materials and equipment use fee \$90.00
 Section info: <http://http://avogadro.chem.iastate.edu/chem231l/>

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 MILLER G
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem301/>

PHYSICAL CHEM LAB CHEM 321L 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 324 OR 325
 Note: THE WF 2 RECITATION MEETS THE FIRST FIVE WEEKS ONLY. CREDIT FOR EITHER CHEM 321L OR CHEM 322L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. Available for nonmajor graduate credit
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 2511005 1 WF 2:10-3:00 PETRICH J
 TR 9:00-11:50 PETRICH J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem321l/>

2511010 2 WF 2:10-3:00 PETRICH J
 TR 12:10-3:00 PETRICH J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem321l/>

2511015 3 WF 2:10-3:00 PETRICH J
 TR 3:10-6:00PM PETRICH J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem321l/>

2511020 4 WF 2:10-3:00 PETRICH J
 MW 3:10-6:00PM PETRICH J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem321l/>

PHYSICAL CHEM LAB CHEM 322L 3 CREDITS
 Prereq: CHEM 324 OR CHEM 325
 Note: THE WF 2 RECITATION MEETS THE FIRST FIVE WEEKS ONLY. CREDIT FOR EITHER CHEM 321L OR CHEM 322L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. Available for nonmajor graduate credit
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 2515005 1 WF 2:10-3:00 PETRICH J
 TR 9:00-11:50 PETRICH J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>

2515010 2 WF 2:10-3:00 PETRICH J
 TR 12:10-3:00 PETRICH J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>

2515015 3 WF 2:10-3:00 PETRICH J
 TR 3:10-6:00PM PETRICH J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>

2515020 4 WF 2:10-3:00 PETRICH J
 MW 3:10-6:00PM PETRICH J
 MEETS: JAN 13-MAY 9
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>

CHEMISTRY

(CONTINUED)

INTR QUANTUM MECHAN CHEM 324 3 CREDITS
Prereq: CHEM 178, MATH 166, PHYS 222 RECOMMENDED.
Note: Available for nonmajor graduate credit
5202005 MWF 9:00-9:50 WINDUS T
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem324/>

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 SCHMIDT-ROHR K
MEETS: JAN 13-MAY 9
Note: SEC 1 RECOMMENDED FOR CHEMICAL ENGINEERING MAJORS
Section info: <http://avogadro.chem.iastate.edu/chem325/>

5224010 2 MWF 9:00-9:50 YU E
MEETS: JAN 13-MAY 9
Note: SEC 2 FOR STUDENTS WHO HAVE TAKEN CHEM 324.
SEC 2 RECOMMENDED FOR CHEMISTRY & BIOCHEMISTRY MAJORS.
Section info: <http://avogadro.chem.iastate.edu/chem325/>

5224015 3 MWF 10:00-10:50 HUANG W
MEETS: JAN 13-MAY 9
Note: SEC 3 RECOMMENDED FOR CHEMICAL ENGINEERING MAJORS
Section info: <http://avogadro.chem.iastate.edu/chem325/>

ORGANIC CHEMISTRY I CHEM 331 3 CREDITS
Prereq: CHEM 178 OR CHEM 201, ENROLLMENT IN CHEM 331L HIGHLY RECOMMENDED
Note: CREDIT FOR EITHER CHEM 331 (AND 331L) OR CHEM 231 (AND 231L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
Available for nonmajor graduate credit
2516005 1 MWF 8:00-8:50 KRAUS G
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem331/>

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 331, CHEM 177L
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 333L
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>

5270005 1 M 12:10-3:00 KRAUS G
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem331l/>

5270010 2 M 3:10-6:00PM KRAUS G
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem331l/>

5270015 3 W 3:10-6:00PM KRAUS G
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem331l/>

5270020 4 R 9:00-11:50 KRAUS G
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem331l/>

5270025 5 R 12:10-3:00 KRAUS G
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem331l/>

5270030 6 R 3:10-6:00PM KRAUS G
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem331l/>

5270035 7 M 6:10-9:00PM KRAUS G
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem331l/>

5270040 8 M 9:00-11:50 KRAUS G
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem331l/>

ORGANIC CHEMISTRY II CHEM 332 3 CREDITS
Prereq: CHEM 331, ENROLLMENT IN CHEM 332L HIGHLY RECOMMENDED
Note: Available for nonmajor graduate credit
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>

2517005 1 MWF 10:00-10:50 ZHAO Y
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem332/>

2517010 2 TR 2:10-3:30 JEFFRIES-EL M
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem332/>

2517015 3 MWF 10:00-10:50 STANLEY L
MEETS: JAN 13-MAY 9
Note: SECTION 3 FOR CHEM, AGBIO, BIOCH, CH E MAJORS AND OTHER STUDENTS WHO ARE PREPARED FOR A MORE FOCUSED PRESENTATION
Section info: <http://avogadro.chem.iastate.edu/chem332/>

CHEMISTRY

(CONTINUED)

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT
Prereq: CHEM 331L, CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 332
Note: CREDIT FOR EITHER CHEM 332L OR CHEM 334L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>

5272005 1 T 9:00-11:50 JEFFRIES-EL M
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem332l/>
Syllabus: <http://chem332l/>

5272010 2 T 3:40-6:30PM JEFFRIES-EL M
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem332l/>

5272015 3 W 9:00-11:50 JEFFRIES-EL M
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem332l/>

5272020 4 W 12:10-3:00 JEFFRIES-EL M
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem332l/>

5272025 5 W 3:10-6:00PM JEFFRIES-EL M
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem332l/>

5272030 6 R 9:00-11:50 JEFFRIES-EL M
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem332l/>

5272035 7 R 12:10-3:00 JEFFRIES-EL M
MEETS: JAN 13-MAY 9
Note: Materials and equipment use fee \$90.00
Section info: <http://avogadro.chem.iastate.edu/chem332l/>

5272040 8 R 3:40-6:30PM JEFFRIES-EL M
MEETS: JAN 13-MAY 9
Note: Materials and equipment use fee \$90.00
Section info: <http://avogadro.chem.iastate.edu/chem332l/>

5272045 9 T 12:10-3:00 JEFFRIES-EL M
MEETS: JAN 13-MAY 9
Note: Materials and equipment use fee \$90.00
Section info: <http://avogadro.chem.iastate.edu/chem332l/>

LAB ORGANIC CHEM II CHEM 334L 2 CREDITS
Prereq: 333L, CR OR ENROLLMENT FOR CREDIT IN 332
Note: CREDIT FOR EITHER CHEM 332L OR CHEM 334L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO AGBIO, BIOPH, BIOCH, CHEM MAJORS ONLY.

5645005 1 MW 12:10-3:00 STANLEY L
MEETS: JAN 13-MAY 9
Note: Materials and equipment use fee \$90.00
Section info: <http://avogadro.chem.iastate.edu/chem332/>

5645010 2 MW 3:10-6:00PM STANLEY L
MEETS: JAN 13-MAY 9
Note: Materials and equipment use fee \$90.00
Section info: <http://avogadro.chem.iastate.edu/chem332/>

5645015 3 TR 3:40-6:30PM STANLEY L
MEETS: JAN 13-MAY 9
Note: Materials and equipment use fee \$90.00
Section info: <http://avogadro.chem.iastate.edu/chem332/>

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
***** SEE DEPT FOR REFERENCE NUMBERS

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 SADOW A
MEETS: JAN 13-MAY 9
Section info: <http://avogadro.chem.iastate.edu/chem505/>

CHEMISTRY (CONTINUED)

ANALYTIC SEPARATION CHEM 516 3 CREDITS
 Prereq: 316, 316L, 324, 322L
 2539005 MWF 10:00-10:50 FANG N
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu /chem516/

ORGANIC SYNTHESIS I CHEM 531 2 CREDITS
 Prereq: 332
 9267005 TR 10:00-10:50 CHEN J
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu /chem531/

PHYS ORGANIC CHEM II CHEM 538 3 CREDITS
 Prereq: 537
 2543005 MWF 11:00-11:50 WINTER A
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu /chem538/

SAFETY IN CHEM LAB CHEM 550 1 CREDIT
 Prereq: 332L
 Satisfactory-Fail Only.
 4295005 TR 8:00-8:50 VELA-BECERRA J
 MEETS: JAN 13-MARCH 7
 Section info: http://avogadro.chem.iastate.edu /chem550/

ATOMIC&MOLEC Q MECH CHEM 562 3 CREDITS
 Prereq: 561, CREDIT OR ENROLLMENT IN 583
 2549005 M 12:10-1:30 GORDON M
 W 12:10-1:30 GORDON M
 MEETS: JAN 13-MAY 7
 Section info: http://avogadro.chem.iastate.edu /chem562/

STATISTCL MECHANICS CHEM 563 3 CREDITS
 Prereq: 325
 2550005 MW 10:00-11:20 SONG X
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu /chem563/

MASS SPECTROMETRY CHEM 577 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2560005 TR 9:30-10:50 LEE Y
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu /chem577/

NONTHESIS RESEARCH CHEM 599 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR CONCERNED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINR INORGNC CHEM CHEM 600 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2563005 W 4:10-5:30 VELA-BECERRA J
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu /chem600/

SEMNR ANALYTIC CHEM CHEM 611 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2565005 F 2:30-4:00 HOUK R
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu /chem611/

SEMINR ORGANIC CHEM CHEM 631 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2566005 F 1:10-2:30 STANLEY L
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu /chem631/

SEMNR PHYSICAL CHEM CHEM 660 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2568005 F 4:10-5:30 WINDUS T
 MEETS: JAN 13-MAY 9
 Section info: http://avogadro.chem.iastate.edu /chem660/

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 10:00-10:50
 MEETS: JAN 13-MAY 9
 7374010 2 MTWRF 11:00-11:50
 MEETS: JAN 13-MAY 9
 7374015 3 MTWRF 3:10-4:00
 MEETS: JAN 13-MAY 9

CHINESE (CONTINUED)

INTM MAND CHINES II CHIN 202 5 CREDITS
 Prereq: 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
 Meets international perspectives reqmt
 7768005 1 MTWRF 9:00-9:50
 MEETS: JAN 13-MAY 9

INTRO CHINES CULTUR CHIN 272 3 CREDITS
 Note: Meets international perspectives reqmt
 8252005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

ADV CHIN READNGS II CHIN 302 3 CREDITS
 Prereq: 301 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 5405005 1 TR 5:10-6:30PM
 MEETS: JAN 13-MAY 9

CHINESE FOR BUSINES CHIN 304 4 CREDITS
 Prereq: CHIN 202 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 7444005 1 TR 3:10-4:30
 MEETS: JAN 13-MAY 9

CHINESE LIT IN ENGL CHIN 370 3 CREDITS
 Prereq: ENGL 104 OR ENGL 105 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 8179005 1 MW 3:10-5:00
 MEETS: JAN 13-MAY 9

CHINA TODAY CHIN 375 3- 4 CREDITS
 Prereq: ENGL 250 OR ENGL 105 OR EQUIVALENT
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2013.
 TOPIC: CONTEMPORARY CHINESE POPULAR CULTURE.
 Meets international perspectives reqmt
 5347005 MW 3:10-4:30
 MEETS: JAN 13-MAY 9

READ CHINESE TEXTS CHIN 403 3 CREDITS
 Prereq: 302 OR EQUIVALENT
 Note: TOPIC: TOPICS ON CHINESE BUSINESS AND ECONOMY
 Available for nonmajor graduate credit
 9066005 TR 3:10-4:30
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY CHIN 490 1- 6 CREDITS
 Prereq: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR
 Note: Available for nonmajor graduate credit
 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 13-MAY 9

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 13-MAY 9
 7242010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 13-MAY 9
 7242015 3 MF 2:10-3:00
 W 12:10-3:00
 MEETS: JAN 13-MAY 9
 7242020 4 MF 2:10-3:00
 R 2:10-5:00
 MEETS: JAN 13-MAY 9
 7242025 5 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 13-MAY 9

ENGR PROB CMPUT LAB C E 160 3 CREDITS
 Prereq: MATH 141, 142 OR SATISFACTORY SCORES
 ON MATH PLACEMENT EXAMS; CR OR ENRLMT IN MATH 165
 Note: COURSE RESTRICTED TO C E & CON E MAJORS ONLY.
 CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE
 APPLIED TOWARD GRADUATION: I E 148, C E 160, M E 160,
 AER E 160, ENGR 160, CPR E 185, E E 185, S E 185.
 2911005 1 MW 10:00-11:50
 MEETS: JAN 13-MAY 9
 2911010 2 TR 3:10-5:00
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 3515010 2 TR 12:10-2:00
 MEETS: JAN 13-MAY 9
 3515015 3 MW 12:10-2:00
 MEETS: JAN 13-MAY 9
 3515020 4 MW 3:10-5:00
 MEETS: JAN 13-MAY 9

CIVIL ENGINEERING

(CONTINUED)

ECON ANALY&PRO ISSU C E 206 3 CREDITS
 Prereq: MATH 166, ENGL 250. ECON 101 RECOMMENDED.
 1915005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUC C E 298 R CREDIT
 Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROJECT MANAGMNT CE C E 306 3 CREDITS
 Prereq: 206, CREDIT OR ENROLLMENT IN A TECHNICAL
 COMMUNICATION ELECTIVE FROM THE APPROVED DEPT LIST

4943005 1 MW 4:00-5:00
 R 8:00-10:50
 MEETS: JAN 13-MAY 9

4943010 2 MW 4:00-5:00
 T 8:00-10:50
 MEETS: JAN 13-MAY 9

4943015 3 MW 4:00-5:00
 R 8:00-10:50
 MEETS: JAN 13-MAY 9

4943020 4 MW 4:00-5:00
 T 8:00-10:50
 MEETS: JAN 13-MAY 9

PRIN ENVIRONMT ENGR C E 326 3 CREDITS
 Prereq: CHEM 177 OR 178, MATH 166, CREDIT OR
 ENROLLMENT IN E M 378
 Note: COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES
 Available for nonmajor graduate credit

2284005 1 MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 13-MAY 9
 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 13-MAY 9
 Section info: <http://www.public.iastate.edu/~tge/courses/ce326/homepage.html>

STRUCTURAL ANALYS I C E 332 3 CREDITS
 Prereq: E M 324
 Note: Available for nonmajor graduate credit
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

2285005 1 MWF 1:10-2:00
 W 2:10-3:00
 MEETS: JAN 13-MAY 9

2285010 2 MWF 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 13-MAY 9

2285015 3 MWF 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 13-MAY 9

2285020 4 MWF 8:00-8:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

STRUCT STEEL DSGN I C E 333 3 CREDITS
 Prereq: 332, E M 327
 Note: Available for nonmajor graduate credit
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

2286005 1 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 13-MAY 9

2286010 2 MWF 8:00-8:50
 R 9:00-9:50
 MEETS: JAN 13-MAY 9

REIN CONCRETE DSN I C E 334 3 CREDITS
 Prereq: 332, E M 327
 Note: Available for nonmajor graduate credit
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

2287005 1 MWF 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 13-MAY 9

2287010 2 MWF 1:10-2:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 9

PRIN TRANSPORTN ENG C E 355 3 CREDITS
 Prereq: 111, 206, PHYS 221, COURSE IN STAT FROM
 THE APPROVED DEPARTMENTAL LIST
 Note: COURSE RESTRICTED TO C E JUNIORS AND SENIORS
 ONLY
 Available for nonmajor graduate credit

2924005 1 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 13-MAY 9

CIVIL ENGINEERING

(CONTINUED)

GEOTECHNICL ENGNRNG C E 360 3 CREDITS
 Prereq: E M 324, CREDIT OR ENROLLMENT IN GEOL 201
 Note: COURSE RESTRICTED TO ENGINEERING COLLEGE MAJORS
 Available for nonmajor graduate credit
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

2291005 1 MF 12:10-1:00
 T 8:00-10:50
 MEETS: JAN 13-MAY 9

2291010 2 MF 12:10-1:00
 T 12:10-3:00
 MEETS: JAN 13-MAY 9

2291015 3 MF 12:10-1:00
 R 8:00-10:50
 MEETS: JAN 13-MAY 9

2291020 4 MF 12:10-1:00
 R 12:10-3:00
 MEETS: JAN 13-MAY 9

2291025 5 MF 12:10-1:00
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9

2291030 6 MF 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9

ENGR HYDROL&HYDRAUL C E 372 3 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
 MEETS: JAN 13-MAY 9

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 13-MAY 9

2294010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 13-MAY 9

2294015 3 MF 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 13-MAY 9

2294020 4 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 13-MAY 9

2294025 5 MF 2:10-3:00
 W 2:10-5:00
 MEETS: JAN 13-MAY 9

DSGN PORTLAND CEMNT C E 383 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 360.
 FOR CON E STUDENTS ONLY.

9480005 1 R 3:10-5:00
 MEETS: JAN 13-MAY 9

9480010 2 T 3:10-5:00
 MEETS: JAN 13-MAY 9

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

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

PROG&OUTCOME ASSESS C E 403 R CREDIT
 Prereq: VERIFICATION OF UNDERGRAD APPLICATION FOR
 GRADUATION BY THE END OF THE FIRST WEEK OF CLASS,
 INSTR PERMISSION FOR STUDENTS GRADUATING SUMMER.
 Note: COURSE RESTRICTED TO STUDENTS GRADUATING SPRING
 2014 OR SUMMER 2014
 Satisfactory-Fail Only.

7351005 1 M 5:10-6:00PM
 MEETS: MARCH 10-MAY 9

LAND SURVEYING C E 417 3 CREDITS
 Prereq: 111
 Note: Available for nonmajor graduate credit

7565005 1 MF 10:00-10:50
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9

7565010 2 MF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 13-MAY 9

AIR POLLUT AIR QUAL C E 424A 1 CREDIT
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR
 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR
 PERMISSION OF INSTRUCTOR

1424005 1 TR 9:30-10:50
 MEETS: JAN 14-FEB 13

CIVIL ENGINEERING (CONTINUED)

CIVIL ENGINEERING (CONTINUED)

AIR POLLUT &CLIMATE C E 424B 1 CREDIT
 Prereq: 424A, PHYS 221 OR CHEM 178; MATH 166 OR
 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR
 PERMISSION OF INSTRUCTOR
 1432005 1 TR 9:30-10:50
 MEETS: FEB 18-MARCH 27

AIR POLLU&TRANSPRTN C E 424C 1 CREDIT
 Prereq: 424A, PHYS 221 OR CHEM 178; MATH 166 OR
 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR
 PERMISSION OF INSTRUCTOR
 1456005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

AIR POLLUT TREATMNT C E 424D 1 CREDIT
 Prereq: 424B, PHYS 221 OR CHEM 178; MATH 166 OR
 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR
 PERMISSION OF INSTRUCTOR
 1457005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

AIR POLLUT AG SOURC C E 424E 1 CREDIT
 Prereq: 424B, PHYS 221 OR CHEM 178; MATH 166 OR
 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR
 PERMISSION OF INSTRUCTOR
 1461005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

WASTEWTR TREATM DSN C E 428 3 CREDITS
 Prereq: 326
 6106005 1 MWF 8:00-8:50
 ARRANGED
 MEETS: JAN 13-MAY 9

BUILDING DESIGN C E 448 3 CREDITS
 Prereq: 333, 334
 Note: Available for nonmajor graduate credit
 7568005 1 MW 3:10-5:00
 MEETS: JAN 13-MAY 9

URB TRNSPRT PLN MOD C E 451 3 CREDITS
 Prereq: 350 OR 355
 Note: Available for nonmajor graduate credit
 2301005 1 T 5:10-7:00PM
 R 6:10-8:00PM
 MEETS: JAN 13-MAY 9

HIGHWAY DESIGN C E 453 3 CREDITS
 Prereq: 306, 355, 372, 382
 Note: RESTRICTED TO STUDENTS GRADUATING SPRING 2014
 OR SUMMER 2014
 Available for nonmajor graduate credit
 2302005 1 MWF 9:00-9:50
 R 2:10-4:00
 MEETS: JAN 13-MAY 9
 2302010 2 MWF 9:00-9:50
 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9

FOUNDATION ENGINEER C E 460 3 CREDITS
 Prereq: 360
 Note: Available for nonmajor graduate credit
 2303005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

ADV DSIGN CONCRETES C E 484 3 CREDITS
 Prereq: 382
 Note: Available for nonmajor graduate credit
 9167005 1 ARRANGED
 MEETS: JAN 13-MAY 9

CIVIL ENGINR DESIGN C E 485 3 CREDITS
 Prereq: C E 306, C E 326, C E 333 OR C E 334, C E
 355, SP CM 212
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING
 '14 OR SUMMER '14.
 2131005 1 MF 12:10-1:00
 T 11:00-1:00
 MEETS: JAN 13-MAY 9
 2131010 2 MF 12:10-1:00
 T 3:10-5:00
 MEETS: JAN 13-MAY 9
 2131015 3 MF 12:10-1:00
 R 11:00-1:00
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY C E 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 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 T 5:10-8:00PM
 MEETS: JAN 13-MAY 9

RAILROAD ENGINEERIN C E 515 3 CREDITS
 Prereq: C E 355
 2502005 ARRANGED
 MEETS: JAN 13-MAY 9

WTR POLL CNTRL PROC C E 522 3 CREDITS
 Prereq: 521
 2320005 1 TR 9:00-10:50
 ARRANGED
 MEETS: JAN 13-MAY 9

AIR POLLUT AIR 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 TR 9:30-10:50
 MEETS: JAN 14-FEB 13

AIR POLLUT &CLIMATE C E 524B 1 CREDIT
 Prereq: 524A; PHYS 221 OR CHEM 178; MATH 166 OR
 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 1964005 1 TR 9:30-10:50
 MEETS: FEB 18-MARCH 27

AIR POLLU&TRANSPRTN C E 524C 1 CREDIT
 Prereq: 524A; PHYS 221 OR CHEM 178; MATH 166 OR
 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2275005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

AIR POLLUT TREATMNT C E 524D 1 CREDIT
 Prereq: 524B; PHYS 221 OR CHEM 178; MATH 166 OR
 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2558005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

AIR POLLUT AG SOURC C E 524E 1 CREDIT
 Prereq: 524B; PHYS 221 OR CHEM 178; MATH 166 OR
 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2676005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

STRUCT STEEL DSN II C E 533 3 CREDITS
 Prereq: 333
 2331005 1 ARRANGED
 MEETS: JAN 13-MAY 9

PRESTRESS CONCR STR C E 535 3 CREDITS
 Prereq: 334
 2328005 1 ARRANGED
 MEETS: JAN 13-MAY 9

STRUC ANLY FIN ELEM C E 542 3 CREDITS
 Prereq: 532
 2324005 1 MW 10:00-11:50
 MEETS: JAN 13-MAY 9

BUILDING DESIGN C E 548 3 CREDITS
 Prereq: C E 333, C E 334
 1942005 1 MW 3:10-5:00
 MEETS: JAN 13-MAY 9

FUND GEOMATLS BEHAV C E 565 3 CREDITS
 Prereq: 382
 2351005 1 ARRANGED
 MEETS: JAN 13-MAY 9

SURFC WTR HYDROLOGY C E 571 3 CREDITS
 Prereq: 372
 2343005 1 WF 1:10-2:30
 MEETS: JAN 13-MAY 9

ENVIRONMENTAL FLOWS C E 576 3 CREDITS
 Prereq: E M 378 OR EQUIVALENT
 5109005 MF 3:10-4:30
 MEETS: JAN 13-MAY 9

ADV DSGN CONCRETES C E 584 3 CREDITS
 Prereq: 382
 9168005 1 ARRANGED
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS C E 590 1- 5 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING (CONTINUED)

SEMINAR ENVIR ENGR C E 591 R CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 1658005 1 T 11:00-11:50
 MEETS: JAN 13-MAY 9

SPL TOP PROJ CNTRLS C E 594E 1 CREDIT
 Prereq: CON E 322, CON E 340 OR C E 306, AND
 PERMISSION OF INSTRUCTOR
 2970005 1 ARRANGED
 MEETS: JAN 13-MAY 9

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 13-MAY 9

SPL TP BLD INFO MOD C E 594S 1- 3 CREDITS
 Prereq: CON E 322, CON E 340 OR C E 306, AND
 PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
 5200005 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 9

RSRCH MTDS CONSTR E C E 595 1 CREDIT
 Prereq: CREDIT OR ENRLMT IN 501, 502, 503, OR 505
 4616005 1 M 2:10-4:00
 MEETS: JAN 13-MAY 9

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 13-MAY 9

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 13-MAY 9

RHETORICAL TRADITNS CL ST 350 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 2176005 A1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 2176010 A2 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

CHRISTIAN ROMAN EM CL ST 367 3 CREDITS
 Note: Available for nonmajor graduate credit
 7613005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

HERO GREECE, RM, TDAY CL ST 373 3 CREDITS
 Prereq: CL ST 273 OR CL ST 275 OR ONE COURSE
 IN LATIN OR GREEK OR ENGL 250
 Note: Meets international perspectives reqmt
 8792005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

WM&MEN ANC MEDITRNN CL ST 374 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN, OR
 GREEK
 Note: Meets international perspectives reqmt
 8164005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

INTRO ROMAN ITALY CL ST 384X 2 CREDITS
 Prereq: INSTRUCTOR PERMISSION REQUIRED
 Note: Meets international perspectives reqmt
 6114005 M 6:10-8:00PM
 MEETS: JAN 13-MAY 9

INTR ARCHAEOLOG GREEC CL ST 394 2 CREDITS
 Note: Meets international perspectives reqmt
 5095005 M 3:10-5:00
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

CLASSICAL STUDIES (CONTINUED)

ROMAN CIVILIZATION CL ST 403 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Available for nonmajor graduate credit
 2590005 TR 2:10-3:30 HOLLANDER D
 MEETS: JAN 13-MAY 9

2590010 2 TR 11:00-12:20 HOLLANDER D
 MEETS: JAN 13-MAY 9

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 12:40-2:00 VENKATAGIRI H
 MEETS: JAN 13-MAY 9

PHONETICS&PHONOLOGY CMDIS 371 3 CREDITS
 Prereq: ENGL 219
 2610005 TR 3:40-5:00 VENKATAGIRI H
 MEETS: JAN 13-MAY 9

COMMUNICATION STUDIES

INTRO COMMUNIC STDI COMST 101 3 CREDITS
 7918005 1 MWF 11:00-11:50 BLANKENSHIP K
 MEETS: JAN 13-MAY 9

LAB INTRO COMM STDI COMST 101L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN COMST 101
 7998005 1 M 12:10-1:50 COFFELT T
 MEETS: JAN 13-MAY 9

INTRO INTERPRS COMM COMST 102 3 CREDITS
 Note: SEC 1A, 2A RESTRICTED TO COMST MAJORS ONLY.
 SEC 1B, 2B, 3B FOR MAJORS OTHER THAN COMST
 8105005 1A TR 9:30-10:50 REDMOND M
 MEETS: JAN 13-MAY 9

8105010 1B TR 9:30-10:50 REDMOND M
 MEETS: JAN 13-MAY 9

8105015 2A MWF 10:00-10:50 COFFELT T
 MEETS: JAN 13-MAY 9

8105020 2B MWF 10:00-10:50 COFFELT T
 MEETS: JAN 13-MAY 9

8105030 3B MWF 8:00-8:50 EGDORF D
 MEETS: JAN 13-MAY 9

INTRO COM RSRCH MTD COMST 203 3 CREDITS
 Note: COURSE RESTRICTED TO COMST MAJORS.
 5123005 1 TR 12:40-2:00 COSTABILE K
 MEETS: JAN 13-MAY 9

5123010 2 TR 11:00-12:30 COSTABILE K
 MEETS: JAN 13-MAY 9

PROFESSNAL COMMUNIC COMST 214 3 CREDITS
 9183005 1 TR 9:30-10:50 RUBLE R
 MEETS: JAN 13-MAY 9

HUMAN COMMUNIC THRY COMST 301 3 CREDITS
 Prereq: COMST 101
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 6593005 1 TR 2:10-3:25 VRCHOTA D
 MEETS: JAN 13-MAY 9

6593010 2 MWF 11:00-11:50 VRCHOTA D
 MEETS: JAN 13-MAY 9

STDI INTRPRSNL COMM COMST 311 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST
 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY.
 6428005 1 TR 12:40-2:00 REDMOND M
 MEETS: JAN 13-MAY 9

ORGANIZATIONAL COMM COMST 314 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST
 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 6431005 1 W 5:10-8:00PM TYE-WILLIAMS S
 MEETS: JAN 13-MAY 9

SMALL GROUP COMM COMST 317 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST
 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 6433005 1 TR 3:40-5:00 JENKS T
 MEETS: JAN 13-MAY 9

COMM TRAINING&DEVEL COMST 319 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST
 301
 2362005 1 TR 9:30-10:50 VRCHOTA D
 MEETS: JAN 13-MAY 9

COMMUNICATION STUDIES (CONTINUED)

COMMUNITY & REGIONAL PLANNING (CONTINUED)

NONVERBAL COMMUNIC COMST 325 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 3920005 1 TR 9:30-10:50 SWEET D
 MEETS: JAN 13-MAY 9

CMPTR-MEDIATED COMM COMST 330 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY.
 2385005 TR 2:10-3:30 RUBLE R
 MEETS: JAN 13-MAY 9

RESEARCH SEMINAR COMST 404 3 CREDITS
 Prereq: COMST 301 PLUS 3 ADDITIONAL COMMUNICATION STUDIES CLASSES FROM THE FOLLOWING LIST: COMST 310, COMST 311, COMST 314, COMST 317, COMST 319, COMST 325, OR COMST 330.
 2298005 1 TR 12:40-2:00 RUBLE R
 MEETS: JAN 13-MAY 9
 2298010 2 TR 12:40-2:00 SWEET D
 MEETS: JAN 13-MAY 9
 2298015 3 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

SPL TOPICS COMM STU COMST 450X 1- 3 CREDITS
 Prereq: COMST 301 PLUS THREE ADDITIONAL CLASSES FROM THE FOLLOWING LIST: COMST 310, COMST 311, COMST 314, COMST 317, COMST 319, COMST 325, COMST 330
 Note: COURSE OFFERED FOR 3 CREDIT SPRING 2014
 8024005 TR 8:00-9:20 JENKS T
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY COMST 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSNL INTERNSHP COMST 497 1- 3 CREDITS
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR COMST 504 3 CREDITS
 Prereq: GRADUATE STANDING, INSTRUCTOR PERMISSION
 Note: Instructor permission required.
 4421005 1 TR 12:40-2:00 SWEET D
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS COMST 590 1- 4 CREDITS
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING

PLANNG METHDS STDIO C R P 301 4 CREDITS
 Prereq: STAT 101 OR STAT 104
 4968005 MW 2:10-5:20
 MEETS: JAN 13-MAY 9

URBAN FORM C R P 320 3 CREDITS
 Prereq: C R P 253 OR C R P 270, OR PERMISSION OF INSTRUCTOR
 8073005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

PRACTICUM C R P 330 1- 3 CREDITS
 Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING
 Satisfactory-Fail Only.
 2386005 ARRANGED
 MEETS: JAN 13-MAY 9

FIELD TRAVEL C R P 391 1- 2 CREDITS
 Prereq: C R P MAJOR, PERMISSION OF ADVISER
 Note: COURSE OFFERED FOR 1 CREDITS SPRING 2014.
 Satisfactory-Fail Only.
 2402005 W 12:10-1:00
 MEETS: JAN 13-MAY 9

INTERNATNL PLANNING C R P 429 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 2988005 TR 3:40-5:00
 MEETS: JAN 13-MAY 9

CMUNTY PLAN STDIO II C R P 432 1- 6 CREDITS
 Prereq: C R P 201 AND C R P 301
 2391005 A TR 2:10-5:20
 MEETS: JAN 13-MAY 9

SITE DEVELOPMENT C R P 442 3 CREDITS
 Prereq: 253, 272
 8760005 MW 1:10-2:30
 MEETS: JAN 13-MAY 9

INTRO GEOG INFO SYS C R P 451 3 CREDITS
 9410005 A TR 11:00-1:00
 MEETS: JAN 13-MAY 9

GEOG DATA MGT&ANALY C R P 452 3 CREDITS
 Prereq: 451 OR EQUIVALENT
 5205005 MW 10:00-11:50
 MEETS: JAN 13-MAY 9

FUND REMOTE SENSING C R P 454X 3 CREDITS
 9618005 TR 9:00-10:50
 MEETS: JAN 13-MAY 9

SOCIAL JUSTIC&PLANN C R P 460X 3 CREDITS
 9631005 MW 3:10-4:30
 MEETS: JAN 13-MAY 9

PUBLIC FINANC&PLANN C R P 479X 3 CREDITS
 9601005 T 2:10-3:30
 MEETS: JAN 13-MAY 9

SUSTAINABLE COMMUNT C R P 484 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7041005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY C R P 490 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C R P 490H 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR PLANNING SEMINAR C R P 494 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION; C R P 332 SHOULD BE TAKEN PRIOR TO OR CONCURRENTLY.
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2013.
 2403005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

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 13-MAY 9

PRO WORK EXPERIENCE C R P 510 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOOD AND COMMUNITY C R P 513X 3 CREDITS
 9599005 M 5:10-8:00PM
 MEETS: JAN 13-MAY 9

URBAN REVITALIZATN C R P 517 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7839005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

INTERNATNL PLANNING C R P 529 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2404005 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 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 13-MAY 9

INTRO GEOG INFO SYS C R P 551 3 CREDITS
 1985005 A MW 9:00-9:50
 W 12:10-2:00
 MEETS: JAN 13-MAY 9
 1985010 B MW 9:00-9:50
 W 3:10-5:00
 MEETS: JAN 13-MAY 9

GEOG DATA MGT &PLAN C R P 552 3 CREDITS
 Prereq: C R P 551
 5209005 MW 10:00-11:50
 MEETS: JAN 13-MAY 9

FUND REMOTE SENSING C R P 554X 3 CREDITS
 9625005 TR 9:00-10:50
 MEETS: JAN 13-MAY 9

COMMUNITY & REGIONAL PLANNING (CONTINUED)

COMMUNITY & REGIONAL PLANNING (CONTINUED)

SOCIAL JUSTIC&PLANN C R P 560X 3 CREDITS
 9632005 MW 3:10-4:30
 MEETS: JAN 13-MAY 9

PLAN THRY FOR PRCTC C R P 561 3 CREDITS
 2410005 TR 11:00-12:30
 MEETS: JAN 13-MAY 9

PLANNING & DEVELPMT C R P 568 3 CREDITS
 2018005 Prereq: C R P 564 OR EQUIVALENT
 MW 1:10-2:30
 MEETS: JAN 13-MAY 9

PUBLIC FINANC&PLANN C R P 579X 3 CREDITS
 9604005 T 2:10-3:30
 MEETS: JAN 13-MAY 9

SUSTAINBLE COMMUNIT C R P 584 3 CREDITS
 7043005 Prereq: GRADUATE CLASSIFICATION
 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

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.
 Field trips & travel fee \$25.00-\$900.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOUS&URB RV C R P 590D 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN C R P 590H 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRTN PL C R P 590I 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC INT'L PLAN C R P 590N 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATL AN MTH C R P 590O 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SM TOWN PLAN C R P 590P 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRS&EQ PLN C R P 590Q 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GIS C R P 590R 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 13-MAY 9

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

CMUNT&NAT RESRC MGT C DEV 502 3 CREDITS
 8469600 XG ARRANGED
 MEETS: JAN 13-MAY 5
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Instructor permission required.
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

CMUNT ANALYS:METHODS C DEV 504 3 CREDITS
 8588600 XG ARRANGED
 MEETS: JAN 21-MAY 16
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

COMM&RG ECON ANLY I C DEV 506 3 CREDITS
 8608600 XG ARRANGED
 MEETS: JAN 21-APRIL 27
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ECOLOGICL ECONOMICS C DEV 508 3 CREDITS
 8466600 XG ARRANGED
 MEETS: JAN 6-MARCH 14
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Syllabus: <http://agecon-cpanel.unl.edu/lynne/ecolecon/ecoleconsyllabus.htm>

BLDG NATIVE CMMUNTY C DEV 509 3 CREDITS
 7439600 XG ARRANGED
 MEETS: JAN 13-MAY 5
 Note: Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ORIENT CMUNTY DEVEL C DEV 520 1 CREDIT
 8539600 XG ARRANGED
 MEETS: JAN 13-APRIL 10
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

HOUSING &DEVEL PROG C DEV 521 3 CREDITS
 7222600 XG ARRANGED
 MEETS: JAN 13-MAY 5
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE
 AT LYOUNG@IASTATE.EDU.
 Available for nonmajor graduate credit
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

NONPROFIT MGT C DEV C DEV 524 3 CREDITS
 4905600 XF ARRANGED JESKE K
 MEETS: JAN 13-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

4905605 XH ARRANGED JESKE K
 MEETS: JAN 13-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

4905610 XW ARRANGED JESKE K
 MEETS: JAN 13-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XW is off campus

COMMUNITY DEVELOPMENT (CONTINUED)

NONPROFIT MGT C DEV C DEV 524 3 CREDITS
 Course delivery is WWW

EVALUAT ORG&PROGRAM C DEV 528 3 CREDITS
 Prereq: 504 WITH GRADE OF C OR BETTER
 9190600 XG ARRANGED
 MEETS: JAN 13-MAY 5
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE
 AT LYOUNG@IASTATE.EDU.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

SPL TOP CMNTY DVLPT C DEV 590 1- 3 CREDITS
 9495600 XF ARRANGED RONGERUDE J
 MEETS: JAN 13-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

CREATIVE COMPONENT C DEV 599 VAR. CREDITS
 2349600 XF ARRANGED RONGERUDE J
 MEETS: JAN 13-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE
 AT LYOUNG@IASTATE.EDU.
 SEC XF OFFERED FOR 1-3 CREDITS SPRING 2014.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

THESIS RESEARCH C DEV 699 1- 6 CREDITS
 8981600 XF ARRANGED RONGERUDE J
 MEETS: JAN 13-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE
 AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

COMPUTER ENGINEERING (CONTINUED)

TRANSFER ORIENTATIO CPR E 261 R CREDIT
 Satisfactory-Fail Only.
 9198005 T 11:00-11:50
 MEETS: JAN 13-MAY 9

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 13-MAY 9

7321010 B MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9

7321015 C MWF 9:00-9:50
 R 4:10-7:00PM
 MEETS: JAN 13-MAY 9

7321020 D MWF 9:00-9:50
 F 12:10-3:00
 MEETS: JAN 13-MAY 9

7321025 E MWF 9:00-9:50
 F 3:10-6:00PM
 MEETS: JAN 13-MAY 9

7321030 F MWF 4:10-5:00
 T 12:10-3:00
 MEETS: JAN 13-MAY 9

7321035 G MWF 4:10-5:00
 W 6:10-9:00PM
 MEETS: JAN 13-MAY 9

7321034 J MWF 4:10-5:00
 W 12:10-3:00
 MEETS: JAN 13-MAY 9

7321040 K MWF 4:10-5:00
 T 3:10-6:00PM
 MEETS: JAN 13-MAY 9

EMBEDDE SYS I:INTRO CPR E 288 4 CREDITS
 Prereq: CPR E 281, COM S 207 OR 227 OR E E 285
 3364005 A TR 9:30-10:50
 T 2:10-3:00
 MEETS: JAN 13-MAY 9

3364010 B TR 9:30-10:50
 T 4:10-6:00PM
 MEETS: JAN 13-MAY 9

3364015 C TR 9:30-10:50
 T 6:10-8:00PM
 MEETS: JAN 13-MAY 9

3364020 D TR 2:10-3:30
 W 12:10-2:00
 MEETS: JAN 13-MAY 9

3364025 E TR 9:30-10:50
 R 2:10-4:00
 MEETS: JAN 13-MAY 9

3364030 F TR 2:10-3:30
 F 12:10-2:00
 MEETS: JAN 13-MAY 9

3364035 G TR 2:10-3:30
 F 2:10-4:00
 MEETS: JAN 13-MAY 9

PROGRAM DISCOVERY CPR E 294 R CREDIT
 Prereq: CPR E 166 OR E E 166
 Satisfactory-Fail Only.
 5337005 ARRANGED
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN CPR E 298 R CREDIT
 Prereq: PERMSSN OF DEPRMTNT AND ENGEENRNG 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 11:00-11:50
 MEETS: JAN 13-MAY 9

2036010 B MWF 9:00-9:50
 W 10:00-12:50
 MEETS: JAN 13-MAY 9

2036015 C MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9

2036020 D MWF 9:00-9:50
 F 10:00-12:50
 MEETS: JAN 13-MAY 9

THEORET FOUND CPR E CPR E 310 3 CREDITS
 Prereq: CREDIT OR ENRLMT IN CPR E 288, COM S 228
 9240005 A TR 4:10-5:30
 MEETS: JAN 13-MAY 9

SOFTWARE PROJCT MGT CPR E 329 3 CREDITS
 Prereq: COM S 309
 Note: Available for nonmajor graduate credit
 6832005 TR 11:00-12:15
 MEETS: JAN 13-MAY 9

COMMUNITY LEADERSHIP AND PUBLIC SERVICE

CAMPUS LDRSHP DEVEL CL PS 270X 2 CREDITS
 9506005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

COMPUTER ENGINEERING

INTR CMPTR SECURITY CPR E 131 1 CREDIT
 Satisfactory-Fail Only.
 3482005 A MW 11:00-11:50
 MEETS: JAN 13-MARCH 7

3482010 B MW 11:00-11:50
 MEETS: MARCH 10-MAY 9

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 1:10-2:00
 MEETS: JAN 13-MAY 9

2292010 B T 1:10-2:00
 MEETS: JAN 13-MAY 9

2292015 C T 3:10-4:00
 MEETS: JAN 13-MAY 9

2292020 D T 3:10-4:00
 MEETS: JAN 13-MAY 9

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. CREDIT IN ONLY ONE OF THE
 FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION:
 M E 160, ENGR 160, AER E 160, C E 160, CPR E 185,
 E E 185, S E 185, I E 148.
 3878005 A MW 9:00-9:50
 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9

3878010 B MW 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 9

3878015 C MW 9:00-9:50
 F 12:10-2:00
 MEETS: JAN 13-MAY 9

INTR PROBLM SOLV II CPR E 186 1 CREDIT
 Prereq: 185
 6238005 A W 10:00-11:50
 MEETS: JAN 13-MAY 9

6238010 B W 12:10-2:00
 MEETS: JAN 13-MAY 9

6238015 C W 2:10-4:00
 MEETS: JAN 13-MAY 9

COMPUTER ENGINEERING (CONTINUED)

INTGRATED ELECTRNCS CPR E 330 4 CREDITS
 Prereq: E E 201, CREDIT OR ENROLLMENT IN E E 230, CPR E 281
 Note: CREDIT FOR EITHER CPR E/E E 330 OR E E 331, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION Available for nonmajor graduate credit

2311005 A MWF 9:00-9:50
 T 8:00-10:50
 MEETS: JAN 13-MAY 9

2311010 B MWF 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 13-MAY 9

2311015 C MWF 9:00-9:50
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9

2311020 D MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9

2311025 E MWF 9:00-9:50
 F 1:10-4:00
 MEETS: JAN 13-MAY 9

2311030 F MWF 9:00-9:50
 F 10:00-12:50
 MEETS: JAN 13-MAY 9

2311035 G MWF 9:00-9:50
 M 3:10-6:00PM
 MEETS: JAN 13-MAY 9

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 13-MAY 9

TOYING WITH TECHNOL CPR E 370 3 CREDITS
 Prereq: C I 201 OR C I 202

5941005 A TR 1:10-3:00
 MEETS: JAN 13-MAY 9

CPTR ORG &ASMB PROG CPR E 381 4 CREDITS
 Prereq: CPR E 288

6769005 A MWF 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 13-MAY 9

6769010 B MWF 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 13-MAY 9

6769015 C MWF 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 9

PROGRAM EXPLORATION CPR E 394 R CREDIT
 Prereq: 294 OR E E 294
 Note: COURSE RESTRICT TO JUNIORS AND SENIORS Satisfactory-Fail Only.

5388005 ARRANGED
 MEETS: JAN 13-MAY 9

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

FORML ASPCTS VERIFC CPR E 412 3 CREDITS
 Prereq: COM S 309, S E 319
 Note: Available for nonmajor graduate credit

8535005 MW 4:10-5:30
 MEETS: JAN 13-MAY 9

LG SC DTA ANLY SFTW CPR E 419X 4 CREDITS
 Prereq: CPR E 308 OR COM S 352; COM S 309

9581005 A TR 9:30-10:50
 W 2:10-4:00
 MEETS: JAN 13-MAY 9

9581010 B TR 9:30-10:50
 W 6:10-8:00PM
 MEETS: JAN 13-MAY 9

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 13-MAY 9

2330010 B MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 13-MAY 9

2330015 C MWF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 13-MAY 9

COMPUTER ENGINEERING (CONTINUED)

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 13-MAY 9

DIST&NETWK OPER SYS CPR E 454 3 CREDITS
 Prereq: COM S 311, 352, ENGL 250 OR ENGL 105, SP CM 212
 Note: Available for nonmajor graduate credit

7291005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

MULTIDISC ENGR DSGN CPR E 466 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit

1899005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9

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 13-MAY 9

8156010 B TR 12:40-2:00
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9

8156015 C TR 12:40-2:00
 R 4:10-7:00PM
 MEETS: JAN 13-MAY 9

CPTR NTWRK&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 13-MAY 9

2771010 B TR 11:00-12:20
 W 1:10-3:00
 MEETS: JAN 13-MAY 9

2771015 C TR 11:00-12:20
 F 1:10-3:00
 MEETS: JAN 13-MAY 9

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 UNIVERSTY 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 13-MAY 9
 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 13-MAY 9
 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 1:10-2:00
 MEETS: JAN 13-MAY 9

2279010 B W 2:10-3:00
 MEETS: JAN 13-MAY 9

2279015 C R 3:10-4:00
 MEETS: JAN 13-MAY 9

2279020 D R 4:10-5:00
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN CPR E 498 R CREDIT
 Prereq: 398, PERMSSN OF DEPARTMNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMPUTER ENGINEERING (CONTINUED)

COMPUTER ENGINEERING (CONTINUED)

DSN CMOS PHS-L LOOP CPR E 506 4 CREDITS
 Prereq: E E 435 OR E E 501 OR INSTRUCTR APPROVAL
 9161005 A TR 11:00-12:20
 F 4:10-7:00PM
 MEETS: JAN 13-MAY 9

9161010 B TR 11:00-12:20
 R 6:10-9:00PM
 MEETS: JAN 13-MAY 9

INFORMATION WARFARE CPR E 532 3 CREDITS
 Prereq: 531
 2989005 TR 8:00-9:20
 MEETS: JAN 13-MAY 9

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 13-MAY 9

6193600 XE ARRANGED ALEXANDER R
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

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 M 6:10-9:00PM
 MEETS: JAN 13-MAY 9

2620600 XW ARRANGED PETERS K
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

STEGANO&DGT FORNSC CPR E 535 3 CREDITS
 Prereq: MATH 307 OR COM S 330 OR E E 524
 8510005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

8510600 XE ARRANGED DAVIDSON J
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

WIRELESS NTWK SECUR CPR E 537 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 489 OR 530
 6961005 A MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

FAULT-TOLERANT SYST CPR E 545 3 CREDITS
 Prereq: 381
 1079005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

WIRELESS&SENSOR NTWK CPR E 546 3 CREDITS
 Prereq: 489 OR 530
 8653005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

DISTRB SYS&MIDDLWRE CPR E 550 3 CREDITS
 Prereq: 308 OR COM S 352
 8515005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

DIST&NETWK OPER SYS CPR E 554 3 CREDITS
 Prereq: COM S 311, 352
 7292005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

COMP FUNC GENOM&BIO CPR E 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
 OR 228, GEN 411, STAT 430
 3471005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

COMPUTATNL PERCEPTN CPR E 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 5237005 TR 2:10-3:30 SINAPOV J
 MEETS: JAN 13-MAY 9

5237600 XE ARRANGED SINAPOV J
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

CPR SYS PERFORMANCE CPR E 582 3 CREDITS
 Prereq: 381, 310 AND STAT 330
 2779005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

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
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

INFO ASSUR CAPSTONE CPR E 632 3 CREDITS
 Prereq: 531, 532, 534
 8104005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV TOP COMPTR ARCH CPR E 681 3 CREDITS
 Prereq: 581
 2453005 TR 4:10-5:30
 MEETS: JAN 13-MAY 9

ENGINEERG INTERNSHP CPR E 697 R CREDIT
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF
 STUDENT SERVICES.
 Satisfactory-Fail Only.
 7420005 ARRANGED
 MEETS: JAN 13-MAY 9
 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 13-MARCH 7

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. CREDIT FOR ONLY ONE OF THE FOLLOWING
 COURSES MAY BE APPLIED TOWARD GRADUATION: COM S 102,
 COM S 103, COM S 113X.
 2673005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 1
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,
 10:00-10:50 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673010 2 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 2
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,
 11:00-11:50 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673015 3 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 3
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,
 1:10-2:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673020 4 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 4
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,
 2:10-3:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673025 5 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 5
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,
 5:10-6:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673030 6 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 6
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,
 6:10-7:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673035 7 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 7
 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 14,
 12:10 -1:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673040 8 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 8
 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 14,
 3:10-4:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673045 9 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 9

COMPUTER SCIENCE

(CONTINUED)

COMPUTER APPLICATNS COM S 103 4 CREDITS
 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 14,
 5:10-6:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>
 2673050 10 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 10
 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 14,
 6:10-7:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>
 2673055 11 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 11
 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 14,
 10:00-10:50 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>
 2673060 12 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 12
 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 14,
 12:10-1:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>
 2673065 13 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 13
 IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 15,
 3:10-4:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>
 2673070 14 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 14
 IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 15,
 5:10-6:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>
 2673075 15 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 14
 IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 15,
 6:10-7:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

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 13-MARCH 7
 2995010 2 MW 4:10-5:00
 F 4:10-5:00
 F 10:00-11:50
 MEETS: JAN 13-MARCH 7
 2995015 3 MW 4:10-5:00
 F 4:10-5:00
 R 4:10-6:00PM
 MEETS: MARCH 10-MAY 9
 2995020 4 MW 4:10-5:00
 F 4:10-5:00
 R 8:00-9:50
 MEETS: MARCH 10-MAY 9
 2995025 5 MW 4:10-5:00
 F 4:10-5:00
 F 10:00-11:50
 MEETS: MARCH 10-MAY 9
 2995030 6 MW 4:10-5:00
 F 4:10-5:00
 F 2:10-4:00
 MEETS: MARCH 10-MAY 9

APP COMPUTER PROGRM COM S 107 3 CREDITS
 2674005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

INTRO SPRDSH&DATABS COM S 113X 3 CREDITS
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: COM S 102,
 COM S 103, COM S 113X. CREDIT IN COM S 113X CANNOT
 BE APPLIED TO THE COM S MAJOR, THE S E MAJOR, OR
 THE CPR E MAJOR. COURSE RESTRICTED TO COLLEGE OF
 BUSINESS UNDERGRADS ONLY.
 8010005 1 TR 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 9
 8010010 2 TR 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 9

COMPUTER SCIENCE

(CONTINUED)

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 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs201/>

CAREERS IN COM SCI COM S 203 R CREDIT
 Note: COURSE RESTRICTED TO P CS, COM S MAJORS ONLY
 Satisfactory-Fail Only.
 2682005 R 12:40-2:00
 MEETS: JAN 13-MARCH 7

FUND CPTR PROGRAMNG COM S 207 3 CREDITS
 Prereq: MATH 150 OR PLACEMENT INTO MATH
 140/141/142 OR HIGHER
 Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>

9235005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO BUS COLLEGE STUDENTS ONLY
 9235010 2 MWF 9:00-9:50
 W 3:10-4:00
 MEETS: JAN 13-MAY 9
 9235015 3 MWF 9:00-9:50
 R 3:10-4:00
 MEETS: JAN 13-MAY 9

INTMEDT CPTR PROGRM COM S 208 3 CREDITS
 Prereq: 207, CREDIT OR ENROLLMENT IN MATH
 151, 160, OR 165
 Note: CREDIT FOR COM S 208 MAY NOT BE APPLIED
 TOWARD GRADUATION IN THE MAJORS OF COMPUTER SCIENCE,
 SOFTWARE ENGINEERING, OR COMPUTER ENGINEERING
 9236005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

INTR OBJT ORIEN PRG COM S 227 4 CREDITS
 Note: CREDIT FOR EITHER COM S 227 OR COM S 207, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>

9237100 A MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 9237105 B MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 9237110 C MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 9237005 1 T 10:00-11:50
 MEETS: JAN 13-MAY 9
 9237010 2 T 12:10-2:00
 MEETS: JAN 13-MAY 9
 9237015 3 W 8:00-9:50
 MEETS: JAN 13-MAY 9
 9237020 4 T 2:10-4:00
 MEETS: JAN 13-MAY 9
 9237025 5 R 12:10-2:00
 MEETS: JAN 13-MAY 9
 9237030 6 W 2:10-4:00
 MEETS: JAN 13-MAY 9
 9237035 7 W 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 9237040 8 M 2:10-4:00
 MEETS: JAN 13-MAY 9
 9237045 9 W 10:00-11:50
 MEETS: JAN 13-MAY 9
 9237050 10 R 10:00-11:50
 MEETS: JAN 13-MAY 9
 9237055 11 R 2:10-4:00
 MEETS: JAN 13-MAY 9
 9237060 12 M 12:10-2:00
 MEETS: JAN 13-MAY 9
 9237065 13 T 6:10-8:00PM
 MEETS: JAN 13-MAY 9
 9237070 14 R 6:10-8:00PM
 MEETS: JAN 13-MAY 9

INTRO DATA STRUCTUR COM S 228 3 CREDITS
 Prereq: C- OR BETTER IN 227, CREDIT OR ENROLLMENT
 IN MATH 165
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>

9238100 A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 9238105 B MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 9238005 1 R 10:00-10:50
 MEETS: JAN 13-MAY 9

COMPUTER SCIENCE (CONTINUED)

COMPUTER SCIENCE (CONTINUED)

INTRO DATA STRUCTUR COM S 228 3 CREDITS
 9238010 2 R 2:10-3:00
 MEETS: JAN 13-MAY 9
 9238015 3 R 1:10-2:00
 MEETS: JAN 13-MAY 9
 9238020 4 R 4:10-5:00
 MEETS: JAN 13-MAY 9
 9238025 5 R 3:10-4:00
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 2454010 2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY COM S 290 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2680005 ARRANGED
 MEETS: JAN 13-MAY 9

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 13-MAY 9

SOFTWR DEV PRACTCES COM S 309 3 CREDITS
 Prereq: 228 WITH C- OR BETTER
 Note: Available for nonmajor graduate credit
 4438005 1 TR 9:30-10:50
 T 11:00-11:50
 MEETS: JAN 13-MAY 9
 4438010 2 TR 9:30-10:50
 T 1:10-2:00
 MEETS: JAN 13-MAY 9

DSN&ANALYSIS ALGRTH COM S 311 3 CREDITS
 Prereq: 228 WITH C- OR BETTER, MATH 166,
 ENGL 250, AND COM S 330 OR CPR E 310
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Available for nonmajor graduate credit
 2683100 A TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 2683005 1 T 12:10-1:00
 MEETS: JAN 13-MAY 9
 2683010 2 T 9:00-9:50
 MEETS: JAN 13-MAY 9
 2683015 3 M 10:00-10:50
 MEETS: JAN 13-MAY 9
 2683020 4 M 10:00-10:50
 MEETS: JAN 13-MAY 9

INTR CPTR ARCH&MACH COM S 321 3 CREDITS
 Prereq: 228, CPR E 281, ENGL 250
 Note: Available for nonmajor graduate credit
 2684005 1 MWF 11:00-11:50
 R 12:10-1:00
 MEETS: JAN 13-MAY 9
 2684010 2 MWF 11:00-11:50
 T 1:10-2:00
 MEETS: JAN 13-MAY 9
 2684015 3 MWF 11:00-11:50
 T 1:10-2:00
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 2685010 2 MWF 1:10-2:00
 R 2:10-3:00
 MEETS: JAN 13-MAY 9

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 TR 12:40-2:00
 T 9:00-9:50
 MEETS: JAN 13-MAY 9
 2686010 2 TR 12:40-2:00
 T 1:10-2:00
 MEETS: JAN 13-MAY 9

PRIN PROGR LANGUAGS COM S 342 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228, COM S 330
 OR CPR E 310
 Note: Available for nonmajor graduate credit
 2687005 1 TR 2:10-3:30
 W 9:00-9:50
 MEETS: JAN 13-MAY 9
 2687015 2 TR 2:10-3:30
 W 4:10-5:00
 MEETS: JAN 13-MAY 9

NUMBER THEORY COM S 350 3 CREDITS
 Prereq: MATH 166
 Note: Available for nonmajor graduate credit
 5790005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

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 13-MAY 9

OBJCT-ORIEN ANALY&D COM S 362 3 CREDITS
 Prereq: 228 WITH C- OR BETTER, ENGL 250 OR
 ENGL 105
 Note: Available for nonmajor graduate credit
 2622005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

INTR DATABS MGT SYS COM S 363 3 CREDITS
 Prereq: 228 WITH C- OR BETTER, ENGL 250
 OR ENGL 105
 Note: Available for nonmajor graduate credit
 2689005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN COM S 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 2691005 ARRANGED
 MEETS: JAN 13-MAY 9

FORML ASPCTS VERIFC COM S 412 3 CREDITS
 Prereq: 309, 319
 Note: Available for nonmajor graduate credit
 8536005 MW 4:10-5:30
 MEETS: JAN 13-MAY 9

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 13-MAY 9

INTR CMPNTNL GEOMTRY COM S 418 3 CREDITS
 Prereq: 311 OR INSTRUCTOR PERMISSION
 Note: Available for nonmajor graduate credit
 5952005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

ADVNCED PROGRM TOOLS COM S 430 3 CREDITS
 Prereq: 311, 362 OR 363, ENGL 250 OR ENGL 105,
 SP CM 212
 Note: Available for nonmajor graduate credit
 5833005 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

DIST&NETWK OPER SYS COM S 454 3 CREDITS
 Prereq: 311, 352, ENGL 250 ENGL 105, SP CM 212
 Note: Available for nonmajor graduate credit
 2696005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

NUMRC MTHDS DIFF EQ COM S 481 3 CREDITS
 Prereq: MATH 265 AND EITHER MATH 266 OR MATH 267;
 KNOWLEDGE OF A PROGRAMMING LANGUAGE
 Note: Available for nonmajor graduate credit
 2699005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

FUND CMPTR NETWRKNG COM S 486 3 CREDITS
 Prereq: 352
 Note: Available for nonmajor graduate credit
 5060005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

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)

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

MTH SOFTWARE ENGINRNG COM S 512 3 CREDITS
 Prereq: 311, 330
 2707005 MW 4:10-5:30
 MEETS: JAN 13-MAY 9

SOFTWARE SYS SAFETY COM S 515 3 CREDITS
 Prereq: 309 OR 311, 342
 6810005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

INTR CMPTNL GEOMTRY COM S 518 3 CREDITS
 Prereq: 311 OR PERMISSION OF INSTRUCTOR
 5866005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

THEORY OF COMPUTATN COM S 531 3 CREDITS
 Prereq: 331
 2709005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

PRIN OPERAT SYSTEMS COM S 552 3 CREDITS
 Prereq: 352
 2713005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

DIST&NETWK OPER SYS COM S 554 3 CREDITS
 Prereq: 311, 352
 2714005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

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 13-MAY 9

COMP FUNC GENOM&BIO COM S 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208 OR 228, GEN 411, STAT 430
 3313005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

MACHINE LEARNING COM S 573 3 CREDITS
 Prereq: 311, 362, STAT 330
 2660005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

COMPUTATNL PERCEPTN COM S 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 3246005 TR 2:10-3:30 SINAPOV J
 MEETS: JAN 13-MAY 9
 3246600 XE ARRANGED SINAPOV J
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

SPECIAL TOPICS COM S 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH COLLOQUIA COM S 592 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8406005 R 3:40-5:00
 MEETS: JAN 13-MAY 9

GRADUATE INTERNSHIP COM S 598 R CREDIT
 Prereq: GRADUATE CLASSIFICATION
 5627005 ARRANGED
 MEETS: JAN 13-MAY 9

CREATIVE COMPONENT COM S 599 1- 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COM S 610 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ANLYS ALGOR COM S 611 3 CREDITS
 Prereq: 511, 531
 8204005 ARRANGED
 MEETS: JAN 13-MAY 9

COMPUTER SCIENCE (CONTINUED)

THEORY GAMES UNCERT COM S 634 3 CREDITS
 Prereq: 330
 8149005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

ADV TOP COMPTR ARCH COM S 681 3 CREDITS
 Prereq: 581
 Note: COURSE RESTRICTED TO COM S MAJORS ONLY
 7901005 TR 4:10-5:30
 MEETS: JAN 13-MAY 9

ADV TP HISPEED NETW COM S 686 3 CREDITS
 Prereq: 586
 1743005 ARRANGED
 MEETS: JAN 13-MAY 9

RESEARCH COM S 699 VAR. CREDITS
 Prereq: APPROVAL OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONSTRUCTION ENGINEERING

DEV LEARNRS&LEADERS CON E 114 2 CREDITS
 Prereq: NREM 112
 9200005 1 W 9:00-10:50 WIERSEMA J
 MEETS: JAN 13-MAY 9
 9200010 2 W 4:10-6:00PM
 MEETS: JAN 13-MAY 9

ORIENT TO PRO LIFE CON E 122 1 CREDIT
 5269005 1 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO FRESHMAN ONLY
 5269010 2 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC 2 RESTRICTED TO TRANSFER STUDENTS

CONTRACTR ORG & MGT CON E 222 3 CREDITS
 Prereq: COMPLETION OF BASIC PROGRAM
 2363005 1 MTW 11:00-11:50
 MEETS: JAN 13-MAY 9

CONSTR MATLS&METHDS CON E 241 3 CREDITS
 Prereq: 222
 Note: COURSE RESTRICTED TO CON E MAJORS ONLY
 2730005 1 MW 12:10-1:00
 R 8:00-10:50
 MEETS: JAN 13-MAY 9

MECH/ELEC MTRLS&MTH CON E 251 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 241
 2377005 1 T 3:10-6:00PM
 MEETS: JAN 13-MAY 9

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

CON EQUIP&HVY C MTH CON E 322 3 CREDITS
 Prereq: 241
 Note: Available for nonmajor graduate credit
 2737005 1 T 12:10-2:00
 R 12:10-2:00
 MEETS: JAN 13-MAY 9

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 M 4:10-6:00PM
 W 4:10-6:00PM
 MEETS: JAN 13-MAY 9

MECHAN SYS IN BLDGS CON E 352 3 CREDITS
 Prereq: 251, PHYS 222
 Note: Available for nonmajor graduate credit
 5313005 MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 13-MAY 9

ELECTR SYS IN BLDGS CON E 353 3 CREDITS
 Prereq: PHYS 222 AND CREDIT OR ENROLLMENT IN CON E 352
 Note: Available for nonmajor graduate credit
 5317005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

ENGINEERING LAW CON E 380 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Available for nonmajor graduate credit
 5102005 1A MW 4:10-5:30
 MEETS: JAN 13-MAY 9
 Note: SEC 1A FOR MAJORS OTHER THAN CON E ONLY
 5102010 1B MW 4:10-5:30
 MEETS: JAN 13-MAY 9
 Note: SEC 1B RESTRICTED TO CON E MAJORS ONLY

CONSTRUCTION ENGINEERING (CONTINUED)

CRIMINAL JUSTICE STUDIES (CONTINUED)

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

CONSTR ESTIMATING CON E 421 3 CREDITS
 Prereq: 241, JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 2734005 1 MW 9:00-9:50
 T 12:10-2:00
 MEETS: JAN 13-MAY 9

CON PLAN,SCHED,CNTL CON E 441 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 421
 Note: Available for nonmajor graduate credit
 2742005 1 MW 11:00-11:50
 R 10:00-11:50
 MEETS: JAN 13-MAY 9

CONSTRUC E DESIGN I CON E 487 3 CREDITS
 Prereq: 340 (B,H), 352 (B,E,M), 353 (B,E,M), 421, 441. STUDENT MUST BE WITHIN TWO SEMESTERS OF GRADUATING.
 7639005 1 MF 12:10-1:00
 T 11:00-1:00, ARRANGED
 MEETS: JAN 13-MAY 9

7639010 2 MF 12:10-1:00
 T 3:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9

7639015 3 MF 12:10-1:00
 R 11:00-1:00, ARRANGED
 MEETS: JAN 13-MAY 9

7639020 4 MF 12:10-1:00
 R 11:00-1:00, ARRANGED
 MEETS: JAN 13-MAY 9

CON ENGR DESIGN II CON E 488 3 CREDITS
 Prereq: 380. CONCURRENT ENROLLMENT IN 487.
 7524005 1 M 9:00-9:50
 M 10:00-10:50
 WF 9:00-10:50
 MEETS: JAN 13-MAY 9

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

CRIM & JUV JUST PRAC CJ ST 460 3-12 CREDITS
 Prereq: JR OR SR CLASSIFICATION; PERMISSION OF CJ ST COORDINATOR; MAJOR OR MINOR IN SOC, OR CJ ST MINOR
 Note: NO MORE THAN 12 CREDITS OF FIELD EXPERIENCE (SOC 454 & SOC/CJ ST 460) MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN SOC/CJ ST 460 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
 Satisfactory-Fail Only.
 2581005 ARRANGED
 MEETS: JAN 13-MAY 9

CURRICULUM & INSTRUCTION

PK-6 CLSRM TECNOLGI C I 201 3 CREDITS
 3015005 1 TR 11:00-11:50
 M 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SECT 1 RESTRICTED TO EL ED MAJORS ONLY

3015010 2 TR 11:00-11:50
 T 9:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SECT 2 RESTRICTED TO EL ED MAJORS ONLY

3015015 3 TR 11:00-11:50
 W 8:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SECT 3 RESTRICTED TO EL ED & ECE MAJORS

3015020 4 TR 11:00-11:50
 W 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SECT 4 RESTRICTED TO ECE MAJORS ONLY

3015025 5 TR 11:00-11:50
 W 12:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SECT 5 RESTRICTED TO EL ED MAJORS ONLY

3015030 6 TR 11:00-11:50
 M 12:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SECT 6 RESTRICTED TO EL ED MAJORS ONLY.

3015035 7 TR 11:00-11:50
 R 9:00-10:50
 MEETS: JAN 13-MAY 9

7-12 CLASSRM TECNOL C I 202 3 CREDITS
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY

2464005 1 TR 2:10-3:00
 R 3:10-5:00
 MEETS: JAN 13-MAY 9

2464010 2 TR 2:10-3:00
 F 1:10-3:00
 MEETS: JAN 13-MAY 9

2464015 3 TR 2:10-3:00
 F 8:00-9:50
 MEETS: JAN 13-MAY 9

2464020 4 TR 2:10-3:00
 F 10:00-11:50
 MEETS: JAN 13-MAY 9

SOC FOUND U.S. EDUC C I 204 3 CREDITS
 6278005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

6278010 2 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

6278015 3 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

6278020 4 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

6278025 5 TR 3:40-5:00
 MEETS: JAN 13-MAY 9

6278030 6 TR 8:00-9:15
 MEETS: JAN 13-MAY 9

6278035 7 MW 2:10-3:30
 MEETS: JAN 13-MAY 9

6278040 8 MW 4:10-5:30
 MEETS: JAN 13-MAY 9

ERLY CHLDHD ED ORIE C I 208 1 CREDIT
 Prereq: CLASSIFICATION AS AN ECE MAJOR
 Note: COURSE RESTRICTED TO ECE MAJORS ONLY
 Satisfactory-Fail Only.
 4389005 W 8:00-8:50
 MEETS: JAN 13-MAY 9

ORIEN TCHR ED SCI,M C I 219 1 CREDIT
 Prereq: STUDENTS SEEKING TEACHER LICENSURE IN MATH, SCIENCE, FAMILY AND CONSUMER SCIENCES, OR HISTORY/SOC STUDIES IN GRADES 5-12
 1863005 W 12:10-1:00
 MEETS: JAN 13-MAY 9

STRATEGIES IN TCHNG C I 245 2 CREDITS
 Prereq: C I 204; HD FS 220 OR HD FS 224 OR HD FS 226 (OR CONCURRENT ENROLLMENT IN ONE OF THESE COURSES); CONCURRENT ENROLLMENT IN C I 268; SOPHOMORE STANDING
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY
 3238005 1 W 3:10-5:00
 MEETS: JAN 13-MAY 9

CRIMINAL JUSTICE STUDIES

YOUTH & CRIME CJ ST 241 3 CREDITS
 Prereq: SOC S 130 OR 134
 2576005 A MWF 8:00-8:50
 MEETS: JAN 13-MAY 9

LIBERTY&LAW IN AMER CJ ST 339X 3 CREDITS
 Prereq: SOPHOMORE STANDING
 9455005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

DEVIANT & CRIM BEHAV CJ ST 340 3 CREDITS
 Prereq: SOC 130 OR 134
 2579005 A TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 BEHNKEN M

CRIMINOLOGY CJ ST 341 3 CREDITS
 Prereq: SOC 130 OR 134
 3175005 A MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 HOCHSTETTLER A

POLICE AND SOCIETY CJ ST 351 3 CREDITS
 Prereq: 240 OR 241
 7751005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 BRINKLEY J

PNISH,CORRECTN&SOCIE CJ ST 352 3 CREDITS
 Prereq: 240 OR 241
 7762005 A TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 DRURY A

WHITE-COLLAR CRIME CJ ST 402 3 CREDITS
 Prereq: 240 OR 241
 8482005 A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 HOCHSTETTLER A

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

STRATEGIES PRACTICM C I 268 1 CREDIT
 Prereq: 204
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 3240005 1 F 8:00-9:50
 MEETS: JAN 13-MAY 9
 3240010 2 F 10:00-11:50
 MEETS: JAN 13-MAY 9
 3240015 3 F 1:10-3:00
 MEETS: JAN 13-MAY 9
 3240020 4 F 9:00-10:50
 MEETS: JAN 13-MAY 9
 3240025 5 F 1:10-3:00
 MEETS: JAN 13-MAY 9
 3240030 6 F 11:00-12:50
 MEETS: JAN 13-MAY 9
 3240035 7 F 11:00-12:50
 MEETS: JAN 13-MAY 9

EXPRNC TEACHER AIDE C I 280A 1- 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM. 280A MAY BE TAKEN ALONE.
 Note: STUDENTS MUST RESERVE ONE MORNING OR
 ONE AFTERNOON PER WEEK PER CREDIT FOR SITE VISIT.
 Satisfactory-Fail Only.
 6279005 1 W 1:10-2:00
 MEETS: JAN 13-MAY 9
 6279010 2 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 2 STUDENT MUST HAVE PREVIOUSLY COMPLETED A
 C I 280A
 Instructor permission required.

EXP LRNG TECNOLGIES C I 280B 1- 2 CREDITS
 Prereq: C I 201 OR C I 202; CREDIT OR ENROLLMENT
 IN C I 280A; FOR 2 CREDITS - PERMISSION OF INSTRUCTOR
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 6280005 ARRANGED
 MEETS: JAN 13-MAY 9

EARLY FIELD EXPERNC C I 280L .5- 2 CREDITS
 Note: MUST RESERVE ONE MORNING OR ONE AFTERNOON
 PER WEEK FOR SITE VISITS.
 Satisfactory-Fail Only.
 2843005 1 M 12:10-1:00, ARRANGED
 MEETS: JAN 13-MAY 9

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 13-MAY 9

COHORT FIELD EXPERC C I 280N 1- 2 CREDITS
 Prereq: PERMISSION OF DEPARTMENT REQUIRED
 Satisfactory-Fail Only.
 7710005 1 W 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 9

PRE-TEACH EXPR ART C I 2800 1- 2 CREDITS
 Prereq: PERMISSION OF DEPARTMENT
 Satisfactory-Fail Only.
 1904005 ARRANGED
 MEETS: JAN 13-MAY 9

EXPRNC CY LRNG ZONE C I 280T 1 CREDIT
 Prereq: MATH 195, 196; AND ADMISSION INTO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 9375005 1 TR 3:10-4:50
 MEETS: JAN 13-MAY 9

PRIN&PRC DIGTL LRNG C I 302 3 CREDITS
 Prereq: C I 201 OR C I 202
 6289005 1 W 5:30-8:30PM
 MEETS: JAN 13-MAY 9

TRANSFR ORIENTATION C I 315 1 CREDIT
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 3250005 1 T 8:00-8:50
 MEETS: JAN 13-MAY 9
 3250010 2 W 1:10-2:00
 MEETS: JAN 13-MAY 9

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 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

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 13-MAY 9

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 468A, 468B. RESTRICTED
 TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE
 UNIVERSITY TEACHER EDUCATION PROGRAM.
 NO MEETINGS 3/25-4/16
 2066005 1 MW 8:00-10:30
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS MARCH 25-APRIL 19.
 RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO
 TEACHER EDUCATION.
 2066010 2 MW 11:00-1:30
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS MARCH 25-APRIL 19.
 RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO
 TEACHER EDUCATION.
 2066015 3 MW 8:00-10:30
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS MARCH 25-APRIL 19.
 RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO
 TEACHER EDUCATION.
 2066020 4 MW 11:00-1:30
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS MARCH 25-APRIL 19.
 RESTRICTED TO EL ED 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.
 NO MEETINGS 2/17-3/14
 Department permission required 1st week.
 2078005 1 TR 8:00-10:30
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS FEB 18-MARCH 15
 2078010 2 TR 11:00-1:30
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS FEB 18-MARCH 15
 2078015 3 TR 10:00-12:30
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS FEB 18-MARCH 15
 2078020 4 TR 2:10-4:40
 MEETS: JAN 13-MAY 9

INTRO MLTCULTRL FND C I 406 3 CREDITS
 Prereq: 201 OR 202, 332 OR 333, JUNIOR
 CLASSIFICATION, ADMISSION TO TEACHER EDUC PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Meets U.S. diversity reqmt
 6292005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 6292010 2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 6292015 3 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 6292020 4 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

STUDNT TCHG PRIMARY C I 416A VAR. CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
 449; RESERVATION REQUIRED
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 COURSE OFFERED FOR 8 CREDITS SPRING 2013
 Department permission required 1st week.
 5054005 1A ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5054015 1R ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5054010 2A ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 5054020 2R ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STDT TCHG INTMEDIAT C I 416B VAR. CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
 449; RESERVATION REQUIRED
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 COURSE OFFERED FOR 8 CREDITS SPRING 2013
 Department permission required 1st week.
 5056005 1A ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5056015 1R ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.

CURRICULUM & INSTRUCTION (CONTINUED)

STDT TCHG INTMEDIAT C I 416B VAR. CREDITS
 5056010 2A ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

5056020 2R ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

STDT TCHG WRLD LANG C I 416C VAR. CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION; SENIOR CLASSIFICATION: 378, 443, 448, 449; RESERVATION REQUIRED
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM COURSE OFFERED FOR 8 CREDITS SPRING 2013

5057005 1A ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.

5057015 1R ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.

5057010 2A ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

5057020 2R ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

STDT TCHG INT'L K-3 C I 416D VAR. CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION; SENIOR CLASSIFICATION: 378, 443, 448, 449; RESERVATION REQUIRED
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2013

5053005 ARRANGED
 MEETS: MARCH 10-MAY 9

5053800 ID ARRANGED PIERCE A
 MEETS: MARCH 12-MAY 7
 Note: SECT ID TAUGHT IN SUMATRA, INDONESIA. STUDENT TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies

5053810 IT ARRANGED FAIRCHILD E
 MEETS: MARCH 12-MAY 7
 Note: SECT IT TAUGHT IN ROME, ITALY. STUDENT TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies

5053820 NO ARRANGED NIDAY D
 MEETS: MARCH 12-MAY 7
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY. STUDENT TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies

5053815 NZ ARRANGED PIERCE A
 MEETS: MARCH 12-MAY 7
 Note: SECT NZ TAUGHT IN ALEXANDRA, NEW ZEALAND. STUDENT TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies

5053825 PO ARRANGED BLUMENFELD W
 MEETS: MARCH 12-MAY 7
 Note: SECT PO TAUGHT IN KROSNO, POLAND. STUDENT TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies

5053805 SP ARRANGED ANDREOTTI A
 MEETS: MARCH 12-MAY 7
 Note: SECT SP TAUGHT IN CACERES, SPAIN. STUDENT TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies

STDT TCHG INT'L 4-6 C I 416E VAR. CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION; SENIOR CLASSIFICATION: 378, 443, 448, 449; RESERVATION REQUIRED
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2013

6824005 ARRANGED
 MEETS: MARCH 10-MAY 9

6824800 ID ARRANGED PIERCE A
 MEETS: MARCH 12-MAY 7
 Note: SECT ID TAUGHT IN SUMATRA, INDONESIA. STUDENT TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies

6824810 IT ARRANGED FAIRCHILD E
 MEETS: MARCH 12-MAY 7
 Note: SECT IT TAUGHT IN ROME, ITALY. STUDENT TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies

6824820 NO ARRANGED NIDAY D
 MEETS: MARCH 12-MAY 7
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY. STUDENT TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies

6824815 NZ ARRANGED PIERCE A
 MEETS: MARCH 12-MAY 7
 Note: SECT NZ TAUGHT IN ALEXANDRA, NEW ZEALAND. STUDENT TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies

6824825 PO ARRANGED BLUMENFELD W
 MEETS: MARCH 12-MAY 7
 Note: SECT PO TAUGHT IN KROSNO, POLAND. STUDENT TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies

6824805 SP ARRANGED ANDREOTTI A
 MEETS: MARCH 12-MAY 7

CURRICULUM & INSTRUCTION (CONTINUED)

STDT TCHG INT'L 4-6 C I 416E VAR. CREDITS
 Note: SECT SP TAUGHT IN CACERES, SPAIN. STUDENT TEACHING ABROAD SPRING 2014.
 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 OFFERED FOR 8 CREDITS.

8046005 1 ARRANGED
 MEETS: JAN 13-MARCH 7

8046010 2 ARRANGED
 MEETS: MARCH 10-MAY 9

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 13-MARCH 7
 Note: SEC 1 OFFERED FOR 8 CREDITS SPRING 2014.

9044010 2 ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2 OFFERED FOR 8 CREDITS SPRING 2014.

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 13-MAY 9
 Note: SEC 1 OFFERED FOR 14 CREDITS

9045010 2 ARRANGED
 MEETS: LAST 14 WKS
 Note: SEC 2 OFFERED FOR 14 CREDITS

9045015 3 ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.

9045020 4 ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 4 OFFERED FOR 8 CREDITS.
 Instructor permission required.

STUDNT TCH BIOL SCI C I 417D VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: COURSE OFFERED FOR 12 CREDITS SPRING 2013

9046005 1 ARRANGED
 MEETS: 1ST 14 WKS
 Note: SEC 1 OFFERED FOR 14 CREDITS

9046010 2 ARRANGED
 MEETS: LAST 14 WKS
 Note: SEC 2 OFFERED FOR 14 CREDITS

9046015 3 ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.

9046020 4 ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: Instructor permission required.

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: 1ST 14 WKS
 Note: SEC 1 OFFERED FOR 14 CREDITS

9047010 2 ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 2 OFFERED FOR 8 CREDITS

9047015 3 ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 3 OFFERED FOR 8 CREDITS.

9047020 4 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 4 OFFERED FOR 16 CREDITS
 Instructor permission required.

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: 1ST 14 WKS
 Note: SEC 1 OFFERED FOR 14 CREDITS

9049010 2 ARRANGED
 MEETS: LAST 14 WKS
 Note: SEC 2 OFFERED FOR 14 CREDITS

9049015 3 ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.

9049020 4 ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 4 OFFERED FOR 8 CREDITS.
 Instructor permission required.

CURRICULUM & INSTRUCTION (CONTINUED)

STDNT TCH EARTH SCI C I 417J VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9051005 1 ARRANGED
 MEETS: 1ST 14 WKS
 Note: SEC 1 OFFERED FOR 14 CREDITS
 9051010 2 ARRANGED
 MEETS: LAST 14 WKS
 Note: SEC 2 OFFERED FOR 14 CREDITS
 9051015 3 ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.
 9051020 4 ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 4 OFFERED FOR 8 CREDITS.
 Instructor permission required.

STDNT TCH BASIC SCI C I 417M VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9054005 1 ARRANGED
 MEETS: 1ST 14 WKS
 Note: SEC 1 OFFERED FOR 14 CREDITS
 9054010 2 ARRANGED
 MEETS: LAST 14 WKS
 Note: SEC 2 OFFERED FOR 14 CREDITS
 9054015 3 ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.
 9054020 4 ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 4 OFFERED FOR 8 CREDITS.
 Instructor permission required.

STUDENT TCHNG INT'L C I 417N VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: COURSE OFFERED FOR 8 CREDITS.
 7301800 ID ARRANGED PIERCE A
 MEETS: MARCH 12-MAY 7
 Note: SECT ID TAUGHT IN SUMATRA, INDONESIA. STUDENT
 TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies
 7301810 IT ARRANGED FAIRCHILD E
 MEETS: MARCH 12-MAY 7
 Note: SECT IT TAUGHT IN ROME, ITALY. STUDENT TEACHING
 ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies
 7301820 NO ARRANGED NIDAY D
 MEETS: MARCH 12-MAY 7
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY.
 STUDENT TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies
 7301815 NZ ARRANGED PIERCE A
 MEETS: MARCH 12-MAY 7
 Note: SECT NZ TAUGHT IN ALEXANDRA, NEW ZEALAND. STUDENT
 TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies
 7301825 PO ARRANGED BLUMENFELD W
 MEETS: MARCH 12-MAY 7
 Note: SECT PO TAUGHT IN KROSNO, POLAND. STUDENT
 TEACHING ABROAD SPRING 2014.
 Study Abroad Administrative Fee Applies
 7301805 SP ARRANGED ANDREOTTI A
 MEETS: MARCH 12-MAY 7
 Note: SECT SP TAUGHT IN CACERES, SPAIN. STUDENT
 TEACHING ABROAD SPRING 2014.
 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 13-MARCH 7
 Note: SEC 1 OFFERED FOR 8 CREDITS SPRING 2014
 8612010 2 ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2 OFFERED FOR 8 CREDITS SPRING 2014

STUDNT TCH ELEM MUS C I 417R VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2014
 6702005 1 ARRANGED
 MEETS: JAN 13-MARCH 7
 6702010 2 ARRANGED
 MEETS: MARCH 10-MAY 9

STUDNT TCHG SEC MUS C I 417S VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2014
 6682005 1 ARRANGED
 MEETS: JAN 13-MARCH 7
 6682010 2 ARRANGED
 MEETS: MARCH 10-MAY 9

CURRICULUM & INSTRUCTION (CONTINUED)

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 13-MAY 9
 Note: CONCURRENT ENROLLMENT IN 468K REQUIRED.

PRINCIPLS SECNDY ED C I 426 3 CREDITS
 Prereq: 202, SR CLASSIFICATION, ADMISSION TO
 TEACHER EDUCATION PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 6293005 1 W 5:30-8:20PM
 MEETS: JAN 13-MAY 9

SOC STDI PRIM GRADE C I 433 2 CREDITS
 Prereq: C I 377, HD FS 224. CONCURRENT
 ENROLLMENT IN C I 439, SP ED 355, SP ED 455.
 Note: NO MEETINGS FEB 18-MARCH 15
 4487005 1 W 8:00-10:30
 MEETS: JAN 13-MAY 9

MATH IN PRIMRY GRDS C I 438 2 CREDITS
 Prereq: HD FS 224; MATH 195 (MINIMUM GRADE
 OF C-), MATH 196 (MINIMUM GRADE OF C-). CONCURRENT
 ENROLLMENT IN C I 377, C I 468F, C I 468G, SP ED 368.
 4489005 1 MW 9:30-10:45
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS MARCH 25-APRIL 19.

SCI IN PRIMARY GRDS C I 439 2 CREDITS
 Prereq: 377, HD FS 224; CONCURRENT ENROLLMENT IN
 C I 433, C I 468I, SP ED 355, SP ED 455
 4491005 1 M 8:00-10:30
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS FEB 18-MARCH 15

TCHG OF SOC STUDIES C I 443 3 CREDITS
 Prereq: 377
 Note: NO MEETINGS FEB 18-MARCH 15
 Department permission required 1st week.
 3258005 1 TR 1:10-3:00
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS FEB 18-MARCH 15
 3258010 2 TR 3:10-5:00
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS FEB 18-MARCH 15
 3258015 3 MW 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: NO MEETING FEB 18-MARCH 15

TCHNG CHILDREN MATH C I 448 3 CREDITS
 Prereq: MATH 195, 196, CONCURRENT ENROLLMENT IN
 C I 377, 468A, 468C
 Note: Department permission required 1st week.
 3260005 1 MW 11:00-12:50
 MEETS: JAN 13-MAY 9
 3260010 2 MW 9:00-10:50
 MEETS: JAN 13-MAY 9
 Note: RESTRICTED TO EL ED MAJORS ONLY
 3260015 3 MW 11:00-12:50
 MEETS: JAN 13-MAY 9
 Note: RESTRICTED TO EL ED MAJORS ONLY

TEACHING OF SCIENCE C I 449 3 CREDITS
 Prereq: 377, CONCURRENT ENROLLMENT IN 378, 468B
 468D, JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO EL ED MAJORS ONLY.
 MUST ENROLL IN SAME SECTION NUMBER OF 378.
 NO MEETINGS 2/17-3/14
 Department permission required 1st week.
 3261005 1 TR 10:40-12:30
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS FEB 18-MARCH 15
 3261010 2 TR 8:30-10:20
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS FEB 18-MARCH 15
 3261015 3 TR 1:10-3:00
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS FEB 18-MARCH 15
 3261020 4 TR 12:10-2:00
 MEETS: JAN 13-MAY 9

CORRECTIVE READING C I 452 3 CREDITS
 Prereq: 378 OR EQUIV; UNDERGRAD STUDENTS MUST
 REGISTER CONCURRENTLY FOR SP ED 365, 436; GRADUATE
 STUDENTS MUST HAVE A TEACHING LICENSE
 6584005 T 5:10-8:30PM
 R 5:30-6:30PM
 MEETS: JAN 13-MAY 9

EMERG TOPC DGTL TEC C I 454 1- 3 CREDITS
 Prereq: 201 OR 202
 9436005 1 ARRANGED
 MEETS: FEB 12-MARCH 7
 9436010 2 ARRANGED
 MEETS: MARCH 24-APRIL 8
 Note: SEC 2 TOPIC: USING SOCIAL MEDIA IN THE CLASSROOM

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

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 24-APRIL 18

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 17-MARCH 14

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 2013.
 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 24-APRIL 18

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 2013.
 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 17-MARCH 14

TCHG PRACTCM LANGUA C I 468E 1 CREDIT
 Prereq: 245, 250, 268; ADMISSION TO TEACHER EDUC
 Note: CONCURRENT ENROLLMENT ON WLC/C I 468
 Satisfactory-Fail Only.
 9382005 1 F 7:30-4:00
 MEETS: FEB 7-21
 9382010 2 F 7:30-4:00
 MEETS: FEB 28-MARCH 14
 9382015 3 F 7:30-4:00
 MEETS: APRIL 4-18

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 24-APRIL 18

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 24-APRIL 18

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 17-MARCH 14

PRACTICM 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 13-MAY 9

PRACT READNG ENDORS C I 468R 1 CREDIT
 Prereq: PERMISSION OF DEPT; CONCURRENT ENROLLMENT
 IN C I 378; ADMISSION TO TEACHER EDUC PROGRAM
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 4300005 TR 7:30-12:20
 MEETS: FEB 17-MARCH 14

FLD EXP TCH ENGLISH C I 480E .5- 2 CREDITS
 Prereq: PERMISSION OF AREA COORDINATOR REQUIRED
 PRIOR TO ENROLLMENT
 5062005 1 ARRANGED
 MEETS: JAN 13-MAY 9

FLD EXP TCH WLD LNG C I 480G .5- 2 CREDITS
 Prereq: PERMISSION OF AREA COORDINATOR REQUIRED
 PRIOR TO ENROLLMENT
 5174005 1 ARRANGED
 MEETS: JAN 13-MAY 9

FLD EXP TEACH MUSIC C I 480K .5- 2 CREDITS
 Prereq: PERMISSION OF AREA COORDINATOR REQUIRED
 PRIOR TO ENROLLMENT
 Note: COURSE OFFERED FOR 1-2 CREDITS SPRING 2013
 9064005 ARRANGED
 MEETS: JAN 13-MAY 9
 9064010 2 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 2 OFFERED FOR .5 CREDIT

SUPVS TUTOR READING C I 488 3 CREDITS
 Prereq: SUCCESSFUL COMPLETION OF C I 416 OR
 C I 417 AND CONCURRENT ENROLLMENT IN OR COMPLETION
 OF ONE COURSE IN CORRECTIVE READING/DIAGNOSIS AND
 CORRECTION OF READING PROBLEMS
 9461005 R 5:10-8:30PM
 T 5:30-6:30PM
 MEETS: JAN 13-MAY 9
 Note: Materials and equipment use fee \$25.00

INDEP STDY MUSIC ED C I 490A VAR. CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CURR CONSTR C I 490C 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU PRIN EDUC C I 490D 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY METHD TCHG C I 490E 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EDUC PSYCH C I 490F 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU DIGITL LRNG C I 490G 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C I 490H 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU MULTICUL ED C I 490J 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU HIST/SOC SC C I 490K 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU LITERACY ED C I 490L 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU MATH EDUC C I 490M 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY FOUND EDUC C I 490O 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

MNG&EVAL TEC INTRVN C I 504 3 CREDITS
 Prereq: 501
 2795005 R 5:10-8:00PM
 MEETS: JAN 13-MAY 9

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

GEOMETRY K-12 CLSRM C I 509 3 CREDITS
 Prereq: C I 448, C I 497
 4446005 1 T 5:10-8:00PM
 MEETS: JAN 13-MAY 9

ACTION RESRCH IN ED C I 515 3 CREDITS
 Prereq: ADMISSION TO GRAD STUDY, ONE COURSE IN
 RESEARCH METHODS, EDUCATIONAL INQUIRY, STATISTICS,
 EDUCATIONAL PSYCHOLOGY, OR INSTRUCTIONAL DESIGN
 1901600 XW ARRANGED CRAWFORD D
 MEETS: JAN 14-MAY 9
 Note: CONTACT CLYCIANE MICHELINI FOR PERMISSION TO
 REGISTER AT CLYCIANE@IASTATE.EDU.
 Department permission required.
 Section XW is off campus
 Course delivery is WWW

STUDNT TCH PHYS SCI C I 517B VAR. CREDITS
 2460005 ARRANGED
 MEETS: JAN 13-MAY 9

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 13-MAY 9

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 13-MAY 9

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 13-MAY 9

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 13-MAY 9

SECDY SCI METHDS II C I 519 2 CREDITS
 Prereq: 418 OR 518, CONCURRENT ENROLLMENT IN 591D
 2575005 M 5:10-8:00PM
 MEETS: JAN 13-MAY 9

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 13-MAY 9

EDUC PSYCH LEARNING C I 533 3 CREDITS
 4363005 1 T 4:30-7:00PM
 MEETS: JAN 13-MAY 9

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
 Note: TUTORING ON TUES. & THURS. 5:30-6:30 P.M
 3276005 T 5:10-8:30PM
 R 5:30-6:30PM
 MEETS: JAN 13-MAY 9

RDG&RSPND CHILD LIT C I 554 3 CREDITS
 Prereq: SENIOR STATUS OR TEACHING LICENSE
 1672005 M 5:30-8:30PM
 MEETS: JAN 13-MAY 9

LITRCY POLCY&PRACTC C I 565X 3 CREDITS
 Prereq: GRADUATE STANDING
 9571005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

EDUC BLACKS IN U.S. C I 578 3 CREDITS
 Prereq: GRADUATE OR SENIOR LEVEL STATUS OR PERMSN
 OF INSTRUCTOR
 7784005 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 9

SUPVS TUTOR READING C I 588 3 CREDITS
 Prereq: GRADUATE STATUS, TEACHING LICENSE AND
 CONCURRENT ENROLLMENT IN OR COMPLETION OF ONE COURSE
 CORRECTIVE READING; DIAGNOSIS AND CORRECTION OF
 READING PROBLEMS
 Note: COURSE RESTRICTED TO GRADS ONLY.
 9245005 1 R 5:10-8:30PM
 T 5:30-6:30PM
 MEETS: JAN 13-MAY 9
 Note: TUTORING ON TUES. & THURS. 5:30-6:30 P.M

SPCL TOP CURRICULUM C I 590A 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP DIGITL LRNG C I 590B 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP SCIENCE EDUC C I 590C 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

FIELD EXP SECOND ED C I 591D 1- 6 CREDITS
 Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2013.
 5058005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 1 FOR SCIENCE STUDENTS

FIELD EXP LITERACY C I 591M 1- 6 CREDITS
 Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA
 Note: OFFERED FOR 2 CREDITS SPRING 2014
 9156005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

CRTV COMP CURRICULM C I 599A 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP DIGITL LRNG C I 599B 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRT COMP SCIENCE ED C I 599C 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SECNDR ED C I 599D 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP MULTICUL ED C I 599F 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP MATH EDUC C I 599G 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPON ELEM ED C I 599I 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR CMP WRLD LANG ED C I 599J 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP EDU PSYCH C I 599K 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SOC STUDI C I 599L 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

CRTV COMP LITERC ED C I 599M 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ED INQUIRY IN ACT C I 602 3 CREDITS
 Prereq: C I 601
 4948005 R 5:30-8:30PM
 MEETS: JAN 13-MAY 9

ADV LRN ENVIR DSIGN C I 603 3 CREDITS
 Prereq: 503
 2926005 T 5:10-8:00PM
 MEETS: JAN 13-MAY 9

DIGTL LEARN TCHR ED C I 610 2 CREDITS
 Prereq: 505
 2065005 R 10:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 9

SEMNR DIGITL LEARN C I 615B 1 CREDIT
 5264005 W 4:10-5:00
 MEETS: JAN 13-MAY 9

SEMINAR SCIENCE ED C I 615C 1 CREDIT
 5268005 W 4:10-5:00
 MEETS: JAN 13-MAY 9

ADV SPCL TOP CURRIC C I 690A VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP DGTL LRN C I 690B VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SCI ED C I 690C VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SEC ED C I 690D VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MLTICUL C I 690F VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MATH ED C I 690G VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TP WRL LANG C I 690J VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP ED PSYC C I 690K VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP SOC STU C I 690L VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LITERACY ED C I 690M VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CURRICULUM C I 699A VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH DIGITAL LEARN C I 699B VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SCIENCE EDUC C I 699C VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SECNDRY EDUC C I 699D VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MULTICULTURL ED C I 699F VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 13-MAY 9

BALLET I DANCE 130 1 CREDIT
 Satisfactory-Fail Only.
 2839005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

JAZZ I DANCE 140 1 CREDIT
 Satisfactory-Fail Only.
 2840005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

BALLROOM DANCE I DANCE 160 1 CREDIT
 Satisfactory-Fail Only.
 2842005 1 TR 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1 FOR MEN ONLY. MEETS WITH SEC 2

2842010 2 TR 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 2 FOR WOMEN ONLY. MEETS WITH SEC 1

2842015 3 TR 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 3 FOR MEN ONLY. MEETS WITH SEC 4

2842020 4 TR 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 4 FOR WOMEN ONLY. MEETS WITH SEC 3

DANCE CONTINUUM DANCE 199 .5- 2 CREDITS
 Prereq: INSTRUCTOR PERMISSION. ADVANCE
 REGISTRATION REQUIRED
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SPRING 2013
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2845005 1 ARRANGED
 MEETS: JAN 13-MAY 9

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 13-MAY 9

MODERN DANCE III DANCE 223 1 CREDIT
 Prereq: 222
 2848005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY

2849010 2 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY

2849015 3 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 3 OFFERED FOR 2 CREDITS ONLY

BALLET II DANCE 232 1 CREDIT
 Prereq: PREVIOUS BALLET EXPERIENCE
 2850005 1 MW 12:10-1:30
 MEETS: JAN 13-MAY 9

JAZZ II DANCE 242 1 CREDIT
 Prereq: PREVIOUS JAZZ DANCE EXPERIENCE
 2852005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

DANCE APPRECIATION DANCE 270 3 CREDITS
 2855005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

DANCE (CONTINUED)

DESIGN STUDIES (CONTINUED)

HIST & PHIL OF DANCE DANCE 360 3 CREDITS
 Prereq: 270
 2857005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

ADV STUDIES DANCE DANCE 370 1- 3 CREDITS
 Prereq: 2 CR IN DANCE, ADVANCE REGISTRATION REQ'D
 Note: Instructor permission required 1st week.
 2858005 1 ARRANGED
 MEETS: JAN 13-MAY 9

TCHG CHLDRN'S DANCE DANCE 384 2 CREDITS
 2859005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

TCHNG TECHNIQ & COMP DANCE 386 2 CREDITS
 Prereq: 320
 2861005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY DANCE 490 1- 3 CREDITS
 Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR
 Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SPRING 2013.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY DANCE 490H 1- 3 CREDITS
 Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DESIGN STUDIO I DSN S 102 4 CREDITS
 8050045 9 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050055 11 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050065 13 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050070 14 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050075 15 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050080 16 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050085 17 MW 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050090 18 MW 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050095 19 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050100 20 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050105 21 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050110 22 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050115 23 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050120 24 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050125 25 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050135 27 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

DESIGN

DESIGN THINKING DES 230 3 CREDITS
 4957005 TR 8:00-9:20 YILMAZ S
 MEETS: JAN 13-MAY 9

DESIGN STUDIO I DES 240 2 CREDITS
 Prereq: DSN S 102, DSN S 131 AND DSN S 183
 4959005 1 TR 12:40-4:00 MILLER M
 MEETS: JAN 13-MARCH 7

4959010 2 TR 12:40-4:00 LUETH P
 MEETS: MARCH 10-MAY 9

4959015 3 MW 5:10-8:30PM JACKSON M
 MEETS: JAN 13-MARCH 7

DESIGN FORUM DES 250 2 CREDITS
 Prereq: DSN S 102, DSN S 131, DSN S 183,
 CREDIT OR CONCURRENT ENROLLMENT IN DES 230
 4960005 M 1:10-3:00 ZARECOR K
 MEETS: JAN 13-MAY 9

MLTI-D DGTL DS COMM DES 332X 3 CREDITS
 Prereq: ARCH 230, ARTGR 275, DSN S 232, OR
 PERMISSION OF THE INSTRUCTOR
 9579005 1 MW 3:10-4:30, ARRANGED EVANS P
 MEETS: JAN 13-MAY 9

9579010 2 MW 3:10-4:30, ARRANGED
 MEETS: JAN 13-MAY 9

DESIGN STUDIO II DES 340 2 CREDITS
 Prereq: 4 CREDITS OF DES 240
 6434005 1 TR 9:00-12:20 LOPEZ-BARRERA M
 MEETS: JAN 13-MAY 9

6434010 2 TR 9:00-12:20 NEPPL T
 MEETS: JAN 13-MAY 9

6434015 3 MW 5:10-8:30PM EDWARDS N
 MEETS: JAN 13-MAY 9

CAPSTONE EXPERIENCE DES 495 4 CREDITS
 Prereq: 2 CREDITS OF DES 340; CLASSIFICATION
 IN DES MAJOR
 8101005 TR 12:40-4:00 SPILLER J
 MEETS: JAN 13-MAY 9

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 13-MAY 9

8050010 2 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050015 3 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050020 4 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050025 5 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050030 6 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

8050035 7 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

DESIGN 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 13-MAY 9

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 15-MARCH 26

DESIGN REPRESENTATN DSN S 131 4 CREDITS
 Note: ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE OF
 DESIGN MAJORS. EVEN-NUMBERED SECTIONS RESTRICTED TO
 COLLEGES OTHER THAN DESIGN.
 Instructor permission required 1st week.
 2124005 1 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

2124010 2 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

2124015 3 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

2124020 4 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

2124025 5 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

2124030 6 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

2124035 7 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

2124040 8 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

2124045 9 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

2124050 10 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

2124055 11 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

2124060 12 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIES

(CONTINUED)

DESIGN REPRESENTATN DSN S 131 4 CREDITS
 2124065 13 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124070 14 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124075 15 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124080 16 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124085 17 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124090 18 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124095 19 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124100 20 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124105 21 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124110 22 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124115 23 TR 11:00-1:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124120 24 TR 11:00-1:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124125 25 TR 11:00-1:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124130 26 TR 11:00-1:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124135 27 TR 11:00-1:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 2124140 28 TR 11:00-1:50
 TR 3:40-4:30
 MEETS: JAN 13-MAY 9
 DESIGN CULTURES DSN S 183 3 CREDITS
 5945005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1 FOR MAJORS OTHER THAN COLLEGE OF DESIGN
 5945010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 2 RESTRICTED TO DESIGN COLLEGE MAJORS
 HIST ARCHITECTUR II DSN S 222 3 CREDITS
 Note: Meets international perspectives reqmt
 2150005 1 MWF 10:00-10:50 ZARECOR K
 MEETS: JAN 13-MAY 9
 DIGTL DSIGN CMUNICA DSN S 232 3 CREDITS
 2087005 1 TR 5:10-6:30PM
 MEETS: JAN 13-MAY 9
 2087040 2 TR 5:10-6:30PM
 MEETS: JAN 13-MAY 9
 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 13-MAY 9
 STDY ABRD PREP SEMN DSN S 301 1 CREDIT
 Satisfactory-Fail Only.
 7396005 1 M 7:00-7:50PM
 MEETS: JAN 13-MAY 9
 DESIGN LEADRSHIP SEM DSN S 302 2 CREDITS
 Prereq: SELECTION AS A PEER MENTOR FOR THE CORE
 DESIGN PROGRAM
 Satisfactory-Fail Only.
 8568005 1 MW 6:10-7:00PM
 ARRANGED
 MEETS: JAN 13-MAY 9
 HIST MODRN LANDSCAP DSN S 371 3 CREDITS
 4697005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 ART&THEORY SINCE'45 DSN S 395 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 1180005 TR 4:10-5:30
 MEETS: JAN 13-MAY 9

ADV LAND ARC DESIGN DSN S 404 6 CREDITS
 Prereq: L A 401
 Note: Instructor permission required 1st week.
 3474800 IT ARRANGED
 MEETS: JAN 13-MAY 7
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2014.
 OFFERED FOR 6 CREDITS
 Study Abroad Administrative Fee Applies
 INTERNATNL PLANNING DSN S 429 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 3990005 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 SITE DEVELOPMENT DSN S 442 3 CREDITS
 Prereq: 253, 272
 3963005 MW 1:10-2:30
 MEETS: JAN 13-MAY 9
 PUBLIC ART/PB SPACE DSN S 445 3 CREDITS
 Prereq: JUNIOR STANDING, DSN S 102, DSN S 131,
 DSN S 183
 Note: Meets U.S. diversity reqmt
 2142005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 TOPIC PLANTNG DSIGN DSN S 478B 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 Note: TOPIC: PLANT FORENSICS
 8279005 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 TOPIC HIST/THRY/CRT DSN S 478D 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 Note: TOPIC: LANDSCAPE INFRASTRUCTURE & RESILIEAT
 CITIES. COURSE OFFERED FOR 3 CREDITS SPRING 2013
 8281800 IT ARRANGED
 MEETS: JAN 13-MAY 7
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2014.
 OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies
 TOPIC LANDSC PLANNG DSN S 478E 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 8282005 ARRANGED
 MEETS: JAN 13-MAY 9
 TOPICAL ST GRAPHICS DSN S 478G 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 8284005 ARRANGED
 MEETS: JAN 13-MAY 9
 TOPICAL STUD HONORS DSN S 478H 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 8285005 ARRANGED
 MEETS: JAN 13-MAY 9
 TOPIC INTERDISCIPLIN DSN S 478I 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 8286005 ARRANGED
 MEETS: JAN 13-MAY 9
 TOPIC INTERNAT'L ST DSN S 478J 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 8287005 ARRANGED
 MEETS: JAN 13-MAY 9
 TOPIC COMPUTER APP DSN S 478K 2- 3 CREDITS
 Prereq: L A 371 OR SENIOR CLASSIF OR GRADUATE
 STANDING
 8288005 MW 8:30-9:50
 MEETS: JAN 13-MAY 9
 TOPIC ECOLOG DESIGN DSN S 478L 2- 3 CREDITS
 Prereq: L A 371 OR SENIOR CLASSIF OR GRADUATE
 STANDING
 8289005 ARRANGED
 MEETS: JAN 13-MAY 9
 TOPIC SOCIA/BEHAVRL DSN S 478M 2- 3 CREDITS
 Prereq: L A 371 OR SENIOR CLASSIF OR GRADUATE
 STANDING
 3742005 ARRANGED
 MEETS: JAN 13-MAY 9
 TOPIC NATURL RSOURC DSN S 478N 2- 3 CREDITS
 Prereq: L A 371 OR SENIOR CLASSIF OR GRADUATE
 STANDING
 3743005 ARRANGED
 MEETS: JAN 13-MAY 9

DESIGN STUDIES

(CONTINUED)

SUSTAINABLE COMMUNT DSN S 484 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7042005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

DSIGN:MADE IN ITALY DSN S 486 3 CREDITS
 2420800 IT ARRANGED SCHNEIDER P
 MEETS: JAN 13-MAY 7
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF DESIGN IN ROME: ARCHITECTURE, SPRING 2013. OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

INDEP STDY CMUNICAT DSN S 490C 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

INDEP STDY ENTREPRN DSN S 490E 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY SOC/BEHV DSN S 490F 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP ITALIAN CULT DSN S 492 1 CREDIT
 Prereq: ENROLLMENT IN THE COLLEGE OF DESIGN ROME STUDY ABROAD PROGRAM
 6821800 IT ARRANGED SCHNEIDER P
 MEETS: JAN 13-MAY 7
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF DESIGN IN ROME: ARCHITECTURE, SPRING 2014. OFFERED FOR 1 CREDIT
 Study Abroad Administrative Fee Applies

TOPICS IN ART HIST DSN S 498 3 CREDITS
 Note: ART & DESIGN OF MEDIEVAL & MODERN INDIA
 2788005 A TR 12:40-2:00 EISMAN A
 MEETS: JAN 13-MAY 9
 Note: SEC A TOPIC: ART IN DICTATORSHIP
 2788010 B WF 11:00-12:20 MORGAN E
 MEETS: JAN 13-MAY 9
 Note: SEC B TOPIC: THE WORLD ON DISPLAY

URBAN REVITALIZATN DSN S 517 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 4101005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

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 2014
 1716010 2 T 8:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 2 TOPIC: GOODNESS & BEAUTY
 1716015 3 T 4:10-6:40PM
 MEETS: JAN 13-MAY 9
 Note: SEC 3 TOPIC: ARCH ORPHANS: INTL ARCH & URBANISM
 1716025 5 T 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 1716030 6 M 6:40-9:10PM
 MEETS: JAN 13-MAY 9
 Note: SEC 6 TOPIC: MEANING AND FORM
 1716035 7 R 8:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 7 TOPIC: GOODNESS AND BEAUTY
 1716045 9 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC 9 TOPIC: SUSTAINABLE URBAN NON-WESTERN
 1716055 11 TR 8:00-10:50
 MEETS: MARCH 10-MAY 9
 Note: SEC 11 TOPIC: GOODNESS AND BEAUTY

TOPCL STDI CMMUNCAT DSN S 528C 2- 3 CREDITS
 Prereq: ARCH 221, 222 OR SR CLASSIF OR GRAD STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2013
 1688005 MW 6:30-8:00PM
 MEETS: JAN 13-MAY 9

INTERNATNL PLANNING DSN S 529 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 4264005 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Section info: <http://www.public.iastate.edu/%7efowusu/courses.html>

DESIGN STUDIES

(CONTINUED)

INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS
 Prereq: GRADUATE OR SENIOR STANDING IN THE COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO DESIGN COLLEGE GRAD STUDENTS
 2878005 1 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 1 TOPIC: A LANDSCAPE WITHIN/ REDEFINING PRISON ENVIRONMENTS
 2878010 2 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 2 TOPIC: APOCALYPTIC ARCHITECTURE: DESIGNING FOR DOOMSDAY
 2878015 3 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 3 TOPIC: DESIGN BUILD
 2878020 4 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 4 TOPIC: RECONSTRUCTED SPACE: FALLOW
 2878025 5 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 5 TOPIC: HEALTHCARE INTERDISCIPLINARY DESIGN STUDIO
 2878030 6 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 6 TOPIC: HIGH RISE
 2878035 7 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 7 TOPIC: HOTEL
 2878040 8 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 8 TOPIC: INNOVATION STUDIO
 2878045 9 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 9 TOPIC: POETRY OF PLACE, EARTHWORKS, AND REVELATIONS
 2878800 IT ARRANGED
 MEETS: JAN 13-MAY 7
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF DESIGN IN ROME: ARCHITECTURE, SPRING 2014. OFFERED FOR 6 CREDITS.
 PLEASE NOTE*** SECTION IT DOES NOT HAVE A SPECIAL COURSE FEE ASSESSED. THIS FEE IS WAIVED FOR SECTION IT.
 Study Abroad Administrative Fee Applies
 2878805 PE ARRANGED CARDINAL-PETT C
 MEETS: MARCH 14-24
 Note: SEC PE TAUGHT IN LIMA, CUZCO & MACHU PICCHU, PERU MARCH 14-24 STUDY ABROAD SPRING 2014.
 PLEASE NOTE*** SECTION PE DOES NOT HAVE A SPECIAL COURSE FEE ASSESSED. THIS FEE IS WAIVED FOR SECTION PE.
 Study Abroad Administrative Fee Applies
 2878050 10 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 10 TOPIC: RESEARCHING DESIGN: AN EXPLORATION OF RESEARCH METHODS AND ANALYSIS TECHNIQUES THROUGH SHORT TERM DESIGN PROJECTS
 2878055 11 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 11 TOPIC: THE BRIDGE STUDIO 2014
 2878060 12 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 12 TOPIC: TIMBER IN THE CITY: RED HOOK, BROOKLYN, NEW YORK CITY
 2878065 13 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 13 TOPIC: TOYS!
 2878070 14 MWF 1:20-5:20
 ARRANGED
 MEETS: JAN 13-MAY 9

PRESERVATN &REHABTN DSN S 567 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 4713005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO ARC, ARCH MAJORS ONLY
 4713010 2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 2 FOR MAJORS OTHER THAN ARC, ARCH

CONTEM URB DSN THRY DSN S 575 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 Note: TOPIC: PUBLIC SPACES
 2506005 1 TR 6:50-9:20PM PAXSON L
 MEETS: JAN 13-MAY 9

DESIGN STUDIES

(CONTINUED)

DIETETICS

(CONTINUED)

TOPIC PLANTNG DSGN DSN S 578B 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 Note: TOPIC: PLANT FORENSICS
 8291005 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9

TOPIC LANDSC PLANNG DSN S 578E 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8293005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC URBAN DESIGN DSN S 578F 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8295005 T 5:10-7:00PM
 MEETS: JAN 13-MAY 9

TOPICAL ST GRAPHICS DSN S 578G 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8296005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC INTERDISCIPLIN DSN S 578I 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8298005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC INTERNAT'L ST DSN S 578J 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8299005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC COMPUTER APP DSN S 578K 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8300005 MW 8:30-9:50
 MEETS: JAN 13-MAY 9

TOPICAL ECO DESIGN DSN S 578L 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 7816005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC SOCIA/BEHAVRL DSN S 578M 2- 3 CREDITS
 3759005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC NATURL RSOURC DSN S 578N 2- 3 CREDITS
 3760005 ARRANGED
 MEETS: JAN 13-MAY 9

SUSTAINBLE COMMUNIT DSN S 584 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7045005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS DSN S 590 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQUIRED FORM PRIOR TO SEMESTER OF ENROLLMNT
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOPICS IN ART HIST DSN S 598 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF
 INSTRUCTOR
 Note: COURSE TOPIC: ART AND THE UNDERWORLD
 3200005 TR 11:00-12:20 MORGAN E
 MEETS: JAN 13-MAY 9

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 21-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA
 DIET PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL
 OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO
 REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN
 THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

NUTRI&HUMAN PERFORM DIET 570 3 CREDITS
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 4074600 XG ARRANGED
 MEETS: JAN 13-MAY 5
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA
 DIET PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL
 OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO
 REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN
 THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ENVIR SCAN CURR ISS DIET 572 3 CREDITS
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 4070600 XG ARRANGED
 MEETS: JAN 21-MAY 16
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA
 DIET PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL
 OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO
 REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN
 THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

NUTRI ASPCT ONCOLGY DIET 597X 3 CREDITS
 Prereq: B.S. IN NUTRITION, DIETETICS, BIOLOGY,
 OR RELATED DISCIPLINE
 9713005 I ARRANGED
 MEETS: JAN 13-MAY 9

9713600 XF ARRANGED MACDONALD R
 MEETS: JAN 13-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA
 DIET PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL
 OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO
 REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN
 THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

9713605 XH ARRANGED MACDONALD R
 MEETS: JAN 13-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA
 DIET PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL
 OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO
 REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN
 THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

DIETETICS

ECOLOGY & EVOLUTIONARY BIOLOGY

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 13-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA
 DIET PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL
 OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO
 REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN
 THE CLASS.
 Study Abroad Administrative Fee Applies
 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 13-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA
 DIET PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL
 OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO
 REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN
 THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

EXTENDED FIELD TRIP EEB 585 2 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: Instructor permission required 1st week.
 7859005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

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 W 1:10-2:30
 MEETS: JAN 13-MAY 9

ECOLOGY & EVOLUTIONARY BIOLOGY (CONTINUED)

ECONOMICS

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 1:10-2:30
 MEETS: JAN 13-MAY 9

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 14-FEB 13

INTR PROTEIN TECHNQ EEOB 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7109005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: FEB 18-MARCH 27

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: APRIL 2-MAY 2

INTR METABLMCS TCNQ EEOB 542F 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 9013005 M 1:10-4:00, ARRANGED
 MEETS: FEB 10-APRIL 21

EVOLUTNARY GENETICS EEOB 562 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1241005 TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

MOLEC PHYLOGENETICS EEOB 563 3 CREDITS
 Prereq: BIOL 313, BIOL 315
 7054005 TR 9:00-10:50
 MEETS: JAN 13-MAY 9

WETLAND ECOLOGY EEOB 564 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 2126005 TR 4:10-5:25
 MEETS: JAN 13-MAY 9

MORPHOMETRIC ANALYS EEOB 565 4 CREDITS
 Prereq: STAT 401
 4579005 ARRANGED
 MEETS: JAN 13-MAY 9

ADVANCD SYSTEMATICS EEOB 568 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7065005 ARRANGED
 MEETS: JAN 13-MAY 9

CNCP THEORT ECO&EVO EEOB 577 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 4236005 W 3:10-5:00
 MEETS: JAN 13-MAY 9

ECOSYSTEM ECOLOGY EEOB 584 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOLOGY AND CHEM
 2132005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

SPCL TOPICS ECOLOGY EEOB 590A 1- 3 CREDITS
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EVOLUT BIOL EEOB 590B 1- 3 CREDITS
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ORGNSM BIOL EEOB 590C 1- 3 CREDITS
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT EEOB 599 VAR. CREDITS
 2145005 ARRANGED
 MEETS: JAN 13-MAY 9

SEMINAR EEOB 698 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH EEOB 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRIN MICROECONOMICS ECON 101 3 CREDITS
 Note: OFFERED FOR 3 CREDITS SPRING 2013.

3100005 1 MWF 9:00-9:50 ALEXANDER T
 MEETS: JAN 13-MAY 9

3100010 2 MWF 10:00-10:50 YE Y
 MEETS: JAN 13-MAY 9

3100015 3 MWF 11:00-11:50 WENINGER Q
 MEETS: JAN 13-MAY 9

3100020 4 MWF 1:10-2:00 DEITER R
 MEETS: JAN 13-MAY 9

3100025 5 MWF 2:10-3:00 YE Y
 MEETS: JAN 13-MAY 9

3100030 6 MW 6:10-7:00PM
 MEETS: JAN 13-MAY 9

3100035 7 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

PRIN MACROECONOMICS ECON 102 3 CREDITS
 Prereq: ECON 101 RECOMMENDED

3099005 1 MWF 9:00-9:50 ELOBEID A
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099010 2 MWF 10:00-10:50 ZHYLYEVSKYY O
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099015 3 MWF 1:10-2:00 CALHOUN A
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099020 4 MWF 2:10-3:00 CALHOUN A
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099025 5 TR 12:40-2:00 CORDOBA J
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099030 6 TR 2:10-3:30 CORDOBA J
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099035 7 ARRANGED GUNDERSEN L
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

APPL ECON OPTIMIZTN ECON 207 3 CREDITS
 Prereq: MATH 151, MATH 160, MATH 165 OR
 EQUIVALENT

2753005 1 MW 10:00-10:50 ROY S
 W 3:10-5:00 ROY S
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

2753010 2 MW 10:00-10:50 ROY S
 W 1:10-3:00 ROY S
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

2753015 3 MW 10:00-10:50 ROY S
 R 3:10-5:00 ROY S
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

FARM BUSINESS MGT ECON 230 3 CREDITS
 Prereq: ECON 101; ACCT 284

3177005 1 MWF 9:00-9:50 ARTZ G
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3177010 2 MWF 9:00-9:50 ARTZ G
 MEETS: JAN 13-MAY 9

INTRO AGRI MARKETS ECON 235 3 CREDITS
 Prereq: ECON 101

3174005 1 TR 12:40-2:00 POULIOT S
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3174010 2 TR 9:30-10:50 BEGHIN J
 MEETS: JAN 13-MAY 9
 Note: SEC 2 RESTRICTED TO AG B MAJORS ONLY
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

COOPERATIVE EDUC ECON 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 Note: Instructor permission required.

4834005 1 ARRANGED DEITER R
 MEETS: JAN 13-MAY 9

ECONOMICS (CONTINUED)

INTERMED MICROECON ECON 301 3- 4 CREDITS
 Prereq: ECON 101; ECON 207 OR MATH 166
 Note: COURSE OFFERED FOR 4 CREDITS SPRING 2013.
 Available for nonmajor graduate credit
 3101005 1 MWF 11:00-11:50 ORAZEM P
 W 2:10-4:00 ORAZEM P
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3101010 2 MWF 11:00-11:50 ORAZEM P
 R 2:10-4:00 ORAZEM P
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3101015 3 TR 9:30-10:50 BISHNU M
 T 2:10-4:00 BISHNU M
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3101020 4 TR 9:30-10:50 BISHNU M
 W 2:10-4:00 BISHNU M
 MEETS: JAN 13-MAY 9

INTERMED MACROECON ECON 302 3 CREDITS
 Prereq: ECON 101, ECON 102; MATH 160 OR MATH 165
 Note: Available for nonmajor graduate credit
 3102005 1 TR 12:40-2:00 ALEXANDER T
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ECONOMICS OF SPORTS ECON 313 3 CREDITS
 Prereq: ECON 101
 Note: Available for nonmajor graduate credit
 4910005 1 MWF 10:00-10:50 DEITER R
 MEETS: JAN 13-MAY 9

ECON OF DISCRIMINAT ECON 321 3 CREDITS
 Prereq: ECON 101
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 3116005 1 MWF 1:10-2:00 ORAZEM P
 MEETS: JAN 13-MAY 9

ENTREPRENEURSHIP AG ECON 334 3 CREDITS
 Prereq: ECON 101
 6836005 1 MWF 11:00-11:50 KIMLE K
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 6836010 2 MWF 12:10-1:00 KIMLE K
 MEETS: JAN 13-MAY 9

AGRICULTRL MARKETNG ECON 337 3 CREDITS
 Prereq: ECON 101; ECON 235 IS RECOMMENDED.
 Note: Available for nonmajor graduate credit
 2316005 1 TR 9:30-10:20 HART C
 T 2:10-4:00 HART C
 MEETS: JAN 13-MAY 9

PUBLIC FINANCE ECON 344 3 CREDITS
 Prereq: ECON 101
 Note: Available for nonmajor graduate credit
 3111005 1 T 6:10-9:00PM HOFFMAN E
 MEETS: JAN 13-MAY 9

MONEY,BANK,FIN INST ECON 353 3 CREDITS
 Prereq: ECON 101, ECON 102
 3103005 1 TR 11:00-12:20 ROY S
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

INT'L TRADE&FINANCE ECON 355 3 CREDITS
 Prereq: ECON 101, ECON 102
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 8925005 1 MWF 2:10-3:00 CHOI E
 MEETS: JAN 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

INTRO ECONOMETRICS ECON 371 4 CREDITS
 Prereq: ECON 301, ECON 302 OR ECON 353, STAT 326
 Note: Available for nonmajor graduate credit
 2790005 1 MF 2:10-3:00 GALLAGHER P
 W 2:10-4:00
 MEETS: JAN 13-MAY 9

RETIREM PLN&BENEFITS ECON 378 3 CREDITS
 Prereq: 3 CR PRIN OF ECONOMICS, 3 CR IN HD FS
 Note: Meets U.S. diversity reqmt
 5750005 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

ECONOMICS (CONTINUED)

ENVIR &RESOURC ECON ECON 380 3 CREDITS
 Prereq: ECON 101
 3180005 1 TR 11:00-12:20 HENNESSY H
 MEETS: JAN 13-MAY 9

ECONOMIC DEVELOPMNT ECON 385 3 CREDITS
 Prereq: ECON 101, ECON 102
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 3114005 1 TR 12:40-2:00 LUVAGA E
 MEETS: JAN 13-MAY 9

ECONMIES INDIA&CHIN ECON 387 3 CREDITS
 Prereq: ECON 101
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 3123005 1 TR 2:10-3:30 BHATTACHARYA J
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUC ECON 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 Note: Permission of adviser required.
 4835005 1 ARRANGED DEITER R
 MEETS: JAN 13-MAY 9

INTRO GAME THEORY ECON 418 3 CREDITS
 Prereq: ECON 301
 Note: Available for nonmajor graduate credit
 9091005 1 TR 2:10-3:30 ROY S
 MEETS: JAN 13-MAY 9

INTERNATNAL FINANCE ECON 457 3 CREDITS
 Prereq: ECON 302
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 5250005 1 TR 12:40-2:00 SINGH R
 MEETS: JAN 13-MAY 9

INTERMD ENVIR&RESOU ECON 480 3 CREDITS
 Prereq: ECON 301 OR ECON 501
 Note: Available for nonmajor graduate credit
 3187005 1 TR 11:00-12:15 MIRANOWSKI J
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ECON TRAVEL COURSE ECON 496 1- 3 CREDITS
 Prereq: SOPHOMORE STATUS, PERMISSION OF INSTRUCTR
 Note: Meets international perspectives reqmt
 5225800 AU ARRANGED LUVAGA E
 MEETS: MARCH 14-23
 Note: SEC AU TAUGHT IN AUSTRALIA. TOPIC: AGRICULTURAL PRODUCTION, BUSINESS AND TRADE IN AUSTRALIA STUDY ABROAD SPRING 2014. OFFERED FOR 3 CREDITS. Study Abroad Administrative Fee Applies

COOPERATIVE EDUC ECON 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 Note: Permission of adviser required.
 4836005 1 ARRANGED DEITER R
 MEETS: JAN 13-MAY 9

ECONOMICS (CONTINUED)

EXPERMNTL ECONOMICS ECON 510 3 CREDITS
Prereq: ECON 501 OR ECON 601
Note: Available for nonmajor graduate credit
4909005 M 8:10-9:00PM HOFFMAN E
MEETS: JAN 13-MAY 9

COMMODITY MARKETS ECON 537 3 CREDITS
Prereq: ECON 501 OR ECON 532 OR ECON 601, ECON
571 OR STAT 326
7233005 1 TR 9:30-10:50 HENNESSY D
MEETS: JAN 13-MAY 9

INTERMED ECONOMETRC ECON 571 3 CREDITS
Prereq: ECON 500
9077005 1 MWF 1:10-2:00 HUFFMAN W
MEETS: JAN 13-MAY 9
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

SPATIAL ECONOMICS ECON 576 3 CREDITS
Prereq: ECON 501 OR ECON 601
4900005 1 MWF 11:00-11:50 FRANKEL D
MEETS: JAN 13-MAY 9

INTERMD ENVIR&RESOU ECON 580 3 CREDITS
Prereq: ECON 301 OR ECON 501
7643005 1 TR 11:00-12:15 MIRANOWSKI J
MEETS: JAN 13-MAY 9

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: ECON 301, ECON 302, PREVIOUS OR
CONCURRENT ENROLLMENT IN 600 AND PERMISSION OF
DIRECTOR OF GRADUATE EDUCATION
Note: Department permission required.
3126005 1 TR 9:30-11:20 BHATTACHARYA J
F 3:10-5:00 BHATTACHARYA J
MEETS: JAN 13-MAY 9
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

MICROECON ANALYS II ECON 603 4 CREDITS
Prereq: ECON 601, ECON 602 AND PERMISSION OF
DIRECTOR OF GRADUATE EDUCATION
Note: Department permission required.
3125005 1 MW 1:10-3:00 LAPAN H
F 1:10-3:00 LAPAN H
MEETS: JAN 13-MAY 9
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

GAME THEORY ECON 618 3 CREDITS
Prereq: ECON 603, OR ECON 501 AND PERMISSION OF
INSTRUCTOR
9532005 1 MWF 9:00-9:50 ROY S
MEETS: JAN 13-MAY 9

AGRICULTURL ECON II ECON 642 3 CREDITS
Prereq: ECON 603
2944005 1 TR 12:40-2:00 BABCOCK B
MEETS: JAN 13-MAY 9

INTERNATNAL FINANCE ECON 657 3 CREDITS
Prereq: ECON 602
3141005 1 MW 2:10-3:30 SINGH R
MEETS: JAN 13-MAY 9

ECONOMETRICS II ECON 672 4 CREDITS
Prereq: ECON 671
3146005 1 MW 11:00-12:50 ZHYLYEVSKYY O
F 11:00-12:50 ZHYLYEVSKYY O
MEETS: JAN 13-MAY 9

MICROECONOMETRICS ECON 673 3 CREDITS
Prereq: ECON 672, ECON 601
7404005 1 TR 8:00-9:15 HERRIGES J
MEETS: JAN 13-MAY 9

ADV RESOURCE ECON ECON 680 3 CREDITS
Prereq: ECON 603
3204005 1 TR 2:10-3:30 WENINGER Q
MEETS: JAN 13-MAY 9

ADVANCED TOPICS ECON 690 1- 5 CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

THIRD-YEAR PAPER ECON 691 3 CREDITS
Satisfactory-Fail Only.
5334005 1 ARRANGED SCHROETER J
MEETS: JAN 13-MAY 9

ECONOMICS (CONTINUED)

WORKSHOP ECON 693 1- 3 CREDITS
Prereq: 6 GRADUATE CREDITS IN CHOSEN FIELD
Satisfactory-Fail Only.
8649005 1 ARRANGED SCHROETER J
MEETS: JAN 13-MAY 9

RESEARCH ECON 699 VAR. CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS EDADM 590 1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

CREATV COMPON DEVEL EDADM 599 1- 3 CREDITS
Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS EDADM 690 1- 3 CREDITS
Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
***** SEE DEPT FOR REFERENCE NUMBERS

DISSERTATN RESEARCH EDADM 699 VAR. CREDITS
Prereq: 9 CREDITS IN EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION

SOC JUSTC FIELD EXP EL PS 591 1- 3 CREDITS
Prereq: EL PS 620
7094005 ARRANGED
MEETS: JAN 13-MAY 9

SEM LAW,EQUITY,EQUA EL PS 615C 1 CREDIT
Prereq: ADMISSION TO ED LEADERSHIP DOCTORAL PROG
7711005 1 S 9:00-3:00
MEETS: FEB 15-APRIL 12

SEM ETHICS,JUSTICE, EL PS 615D 1 CREDIT
Prereq: ADMISSION TO ED LEADERSHIP DOCTORAL PROG
7714005 1 S 9:00-3:00
MEETS: FEB 15-APRIL 12

CAPSTONE EXPERIENCE EL PS 616 3 CREDITS
Prereq: 4 CREDITS OF EL PS 615
***** SEE DEPT FOR REFERENCE NUMBERS

PEDAGOGI OF DISSENT EL PS 621 3 CREDITS
Prereq: EL PS 620
8899005 T 2:10-5:00
MEETS: JAN 13-MAY 9

CRITICL RACE THEORY EL PS 624 1- 3 CREDITS
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
2658005 T 2:10-5:00
MEETS: JAN 13-MAY 9

EDUCATIONAL LEADERSHIP & POLICY ST

EL PS 591 1- 3 CREDITS
Prereq: EL PS 620
7094005 ARRANGED
MEETS: JAN 13-MAY 9

EL PS 615C 1 CREDIT
Prereq: ADMISSION TO ED LEADERSHIP DOCTORAL PROG
7711005 1 S 9:00-3:00
MEETS: FEB 15-APRIL 12

EL PS 615D 1 CREDIT
Prereq: ADMISSION TO ED LEADERSHIP DOCTORAL PROG
7714005 1 S 9:00-3:00
MEETS: FEB 15-APRIL 12

EL PS 616 3 CREDITS
Prereq: 4 CREDITS OF EL PS 615
***** SEE DEPT FOR REFERENCE NUMBERS

EL PS 621 3 CREDITS
Prereq: EL PS 620
8899005 T 2:10-5:00
MEETS: JAN 13-MAY 9

EL PS 624 1- 3 CREDITS
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
2658005 T 2:10-5:00
MEETS: JAN 13-MAY 9

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 1:10-2:00
MEETS: JAN 13-MAY 9

2887010 B T 1:10-2:00
MEETS: JAN 13-MAY 9

2887015 C T 3:10-4:00
MEETS: JAN 13-MAY 9

2887020 D T 3:10-4:00
MEETS: JAN 13-MAY 9

INTR EE&PROB SOLV I E E 185 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 142
Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
MAY BE APPLIED TOWARD GRADUATION: CPR E 185, E E 185,
S E 185, M E 160, ENGR 160, AER E 160, C E 160,
I E 148

3880005 A MW 9:00-9:50
W 4:10-6:00PM
MEETS: JAN 13-MAY 9

3880010 B MW 9:00-9:50
R 8:00-9:50
MEETS: JAN 13-MAY 9

INTR EE&PROB SLV II E E 186 1 CREDIT
Prereq: E E 185, PERMISSION OF THE INSTRUCTOR

6239005 A R 10:00-11:50
MEETS: JAN 13-MAY 9

6239010 B R 12:10-2:00
MEETS: JAN 13-MAY 9

6239015 C R 2:10-4:00
MEETS: JAN 13-MAY 9

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

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 2:10-5:00
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$60.00

2120010 B MWF 10:00-10:50
 R 8:00-10:50
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$60.00

2120015 C MWF 10:00-10:50
 W 2:10-5:00
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$60.00

2120020 D MWF 2:10-3:00
 W 11:00-1:50
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$60.00

2120025 E MWF 2:10-3:00
 R 5:10-8:00PM
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$60.00

2120030 F MWF 2:10-3:00
 F 9:00-11:50
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$60.00

SIGNALS & SYSTEMS I E E 224 4 CREDITS
 Prereq: E E 201, MATH 267, PHYS 222

5064005 A TR 4:10-5:30
 T 1:10-4:00
 MEETS: JAN 13-MAY 9

5064010 B TR 4:10-5:30
 W 12:10-3:00
 MEETS: JAN 13-MAY 9

5064015 C TR 4:10-5:30
 F 9:00-11:50
 MEETS: JAN 13-MAY 9

5064020 D TR 4:10-5:30
 W 9:00-11:50
 MEETS: JAN 13-MAY 9

5064025 E TR 4:10-5:30
 F 12:10-3:00
 MEETS: JAN 13-MAY 9

ELECTRON CIRCTS&SYS E E 230 4 CREDITS
 Prereq: E E 201, MATH 267, PHYS 222

4639005 A MWF 4:10-5:00
 T 8:00-10:50
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$50.00

4639010 B MWF 4:10-5:00
 T 11:00-1:50
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$50.00

4639015 C MWF 4:10-5:00
 T 5:10-8:00PM
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$50.00

4639020 D MWF 4:10-5:00
 W 8:00-10:50
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$50.00

4639025 E MWF 4:10-5:00
 W 5:10-8:00PM
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$50.00

4639030 F MWF 4:10-5:00
 R 11:00-1:50
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$50.00

4639035 G MWF 4:10-5:00
 F 12:10-3:00
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$50.00

TRANSFER ORIENTATIO E E 261 R CREDIT
 Satisfactory-Fail Only.

9197005 T 11:00-11:50
 MEETS: JAN 13-MAY 9

PROB SOLV MTHD&TOOL E E 285 4 CREDITS

2505005 A MWF 12:10-1:00
 T 8:00-9:50
 MEETS: JAN 13-MAY 9

2505010 B MWF 12:10-1:00
 T 4:10-6:00PM
 MEETS: JAN 13-MAY 9

2505015 C MWF 12:10-1:00
 W 8:00-9:50
 MEETS: JAN 13-MAY 9

2505020 D MWF 12:10-1:00
 W 10:00-11:50
 MEETS: JAN 13-MAY 9

2505025 E MWF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 9

PROGRAM DISCOVERY E E 294 R CREDIT
 Prereq: E E 166 OR CPR E 166
 Satisfactory-Fail Only.

5380005 ARRANGED
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUC E E 298 R CREDIT
 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 E E 230
 Note: Available for nonmajor graduate credit

3415005 TR 8:00-9:20
 MEETS: JAN 13-MAY 9

ELECTROMG FLD&WAVES E E 311 4 CREDITS
 Prereq: E E 201, MATH 265, PHYS 222, CREDIT OR REGISTRATION IN MATH 267
 Note: Available for nonmajor graduate credit

2889005 MWRF 10:00-10:50
 MEETS: JAN 13-MAY 9

ELECTMAG NON-EL ENG E E 314 3 CREDITS
 Prereq: PHYS 222, E E 112, OR EQUIVALENT
 Note: Available for nonmajor graduate credit

8652005 MW 3:10-4:30
 MEETS: JAN 13-MAY 9

PROBAB MTH,ELEC ENG E E 322 3 CREDITS
 Prereq: E E 224

3424005 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

INT DIGT SIGNL PROC E E 323 4 CREDITS
 Prereq: E E 224
 Note: Available for nonmajor graduate credit

7977005 A TR 8:00-9:20
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9

7977010 B TR 8:00-9:20
 W 6:10-9:00PM
 MEETS: JAN 13-MAY 9

SIGNALS & SYSTEMS II E E 324 4 CREDITS
 Prereq: E E 224
 Note: Available for nonmajor graduate credit

2192005 A MWF 2:10-3:00
 T 10:00-12:50
 MEETS: JAN 13-MAY 9

2192010 B MWF 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 13-MAY 9

2192015 C MWF 2:10-3:00
 R 5:10-8:00PM
 MEETS: JAN 13-MAY 9

INTGRATED ELECTRNCS E E 330 4 CREDITS
 Prereq: E E 201, CREDIT OR REGISTRATION IN E E 230, CPR E 281
 Note: CREDIT FOR EITHER CPR E/E E 330 OR E E 331, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit

5635005 A MWF 9:00-9:50
 T 8:00-10:50
 MEETS: JAN 13-MAY 9

5635010 B MWF 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 13-MAY 9

5635015 C MWF 9:00-9:50
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9

5635020 D MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9

5635025 E MWF 9:00-9:50
 F 1:10-4:00
 MEETS: JAN 13-MAY 9

5635030 F MWF 9:00-9:50
 F 10:00-12:50
 MEETS: JAN 13-MAY 9

5635035 G MWF 9:00-9:50
 M 3:10-6:00PM
 MEETS: JAN 13-MAY 9

SEMICND MTRLS&DEVIC E E 332 3 CREDITS
 Prereq: PHYS 222; ADDITIONAL PREREQ FOR MAT E MAJORS: MAT E 334; ADDITIONAL PREREQ FOR E E AND CPR E MAJORS: E E 230
 Note: Available for nonmajor graduate credit

2195005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

PROGRAM EXPLORATION E E 394 R CREDIT
 Prereq: E E 294 OR CPR E 294
 Note: COURSE RESTRICT TO JUNIORS AND SENIORS
 Satisfactory-Fail Only.
 5403005 ARRANGED
 MEETS: JAN 13-MAY 9

ENGR INTERNSHIP E E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC E E 398 R CREDIT
 Prereq: E E 298, PERMISSION OF DEPARTMENT AND ENGINEER CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

ELMAG RAD,ANTN,PRPG E E 417 4 CREDITS
 Prereq: E E 311
 Note: Available for nonmajor graduate credit
 2900005 A MWF 11:00-11:50
 W 8:00-10:50
 MEETS: JAN 13-MAY 9
 2900010 B MWF 11:00-11:50
 R 3:30-6:30PM
 MEETS: JAN 13-MAY 9

COMMUNICT SYSTMS II E E 422 3 CREDITS
 Prereq: E E 421 AND ENROLLMENT IN E E 423
 Note: Available for nonmajor graduate credit
 2902005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

COMMUNIC SYSTMS LAB E E 423 1 CREDIT
 Prereq: E E 421, ENROLLMENT IN E E 422
 Note: Available for nonmajor graduate credit
 2903005 A T 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$45.00
 2903010 B F 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 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 13-MAY 9

ANLOG VLSI CIRC DSN E E 435 4 CREDITS
 Prereq: E E 324, E E 330, E E 332, AND E E 322 OR STAT 330
 Note: Available for nonmajor graduate credit
 2906005 A MWF 10:00-10:50
 W 11:00-2:00
 MEETS: JAN 13-MAY 9
 2906010 B MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 2906015 C MWF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 13-MAY 9

OPTOELECTN DEVC&APP E E 438 3 CREDITS
 Prereq: E E 311, E E 332
 Note: Available for nonmajor graduate credit
 7182005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

INTR CIRCUIT&INSTRM E E 442 2 CREDITS
 Prereq: PHYS 222, MATH 267
 Note: COURSE RESTRICTED TO ENGR & PHYS MAJORS OTHER THAN E E AND CPR E. CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR E E 442 MAY NOT BE APPLIED TOWARD A DEGREE IN EITHER E E OR CPR E.
 Available for nonmajor graduate credit
 4723005 A MWF 4:10-5:00
 T 8:00-9:50
 MEETS: JAN 13-MARCH 7
 4723010 B MWF 4:10-5:00
 W 2:10-4:00
 MEETS: JAN 13-MARCH 7
 4723015 C MWF 4:10-5:00
 W 8:00-9:50
 MEETS: JAN 13-MARCH 7
 4723020 D MWF 4:10-5:00
 R 10:00-11:50
 MEETS: JAN 13-MARCH 7
 4723025 E MWF 4:10-5:00
 R 12:10-2:00
 MEETS: JAN 13-MARCH 7
 4723030 F MWF 4:10-5:00
 R 6:10-8:00PM
 MEETS: JAN 13-MARCH 7
 4723035 G MWF 4:10-5:00
 F 10:00-11:50
 MEETS: JAN 13-MARCH 7
 4723040 J MWF 4:10-5:00
 R 8:00-11:50
 MEETS: JAN 13-MARCH 7
 4723045 K MWF 4:10-5:00
 T 10:00-11:50
 MEETS: JAN 13-MARCH 7

INTR CIRCUIT&INSTRM E E 442 2 CREDITS
 4723050 L MWF 4:10-5:00
 W 10:00-11:50
 MEETS: JAN 13-MARCH 7
 4723055 M MWF 4:10-5:00
 T 6:10-8:00PM
 MEETS: JAN 13-MARCH 7
 4723600 XE ARRANGED AMARIUCAI G
 MEETS: JAN 13-MARCH 7
 Note: Section XE is off campus
 Course delivery is WWW

INTRO AC CIRC&MOTOR E E 448 2 CREDITS
 Prereq: E E 303 OR E E 441 OR E E 442
 Note: CREDIT FOR E E 448 MAY NOT BE APPLIED TOWARD A DEGREE IN EITHER E E OR CPR E. COURSE RESTRICTED TO MAJORS OTHER THAN E E, CPR E, E CPE.
 Available for nonmajor graduate credit
 4775005 A MWF 4:10-5:00
 T 8:00-9:50
 MEETS: MARCH 10-MAY 9
 4775010 B MWF 4:10-5:00
 W 2:10-4:00
 MEETS: MARCH 10-MAY 9
 4775015 C MWF 4:10-5:00
 W 8:00-9:50
 MEETS: MARCH 10-MAY 9
 4775020 D MWF 4:10-5:00
 R 10:00-11:50
 MEETS: MARCH 10-MAY 9
 4775025 E MWF 4:10-5:00
 R 12:10-2:00
 MEETS: MARCH 10-MAY 9
 4775030 F MWF 4:10-5:00
 R 6:10-8:00PM
 MEETS: MARCH 10-MAY 9
 4775035 G MWF 4:10-5:00
 F 10:00-11:50
 MEETS: MARCH 10-MAY 9
 4775040 J MWF 4:10-5:00
 F 2:10-4:00
 MEETS: MARCH 10-MAY 9
 4775045 K MWF 4:10-5:00
 R 8:00-9:50
 MEETS: MARCH 10-MAY 9
 4775050 L MWF 4:10-5:00
 T 10:00-11:50
 MEETS: MARCH 10-MAY 9
 4775055 M MWF 4:10-5:00
 W 10:00-11:50
 MEETS: MARCH 10-MAY 9
 4775060 N MWF 4:10-5:00
 T 6:10-8:00PM
 MEETS: MARCH 10-MAY 9

ENGINEERG ACOUSTICS E E 451 3 CREDITS
 Prereq: PHYS 221 AND MATH 266 OR MATH 267
 Note: Available for nonmajor graduate credit
 8380005 1 TR 4:10-5:30
 MEETS: JAN 13-MAY 9

ELECTRI MACHIN&DRIV E E 452 3 CREDITS
 Prereq: E E 303; E E 330 OR E E 332; CR OR REGISTRATN IN E E 324
 Note: Available for nonmajor graduate credit
 2893005 A TR 11:00-11:50
 T 4:10-7:00PM
 MEETS: JAN 13-MAY 9
 2893010 B TR 11:00-11:50
 W 12:10-3:00
 MEETS: JAN 13-MAY 9
 2893015 C TR 11:00-11:50
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9

POWER SYST ANALY II E E 457 3 CREDITS
 Prereq: E E 303, CREDIT OR REGISTRATN IN E E 324
 Note: Available for nonmajor graduate credit
 2913005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

WIND ENERGY CONVRSN E E 459 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN E E 452, E E 456
 Note: Available for nonmajor graduate credit
 2173005 A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

MULTIDISC ENGR DSGN E E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 1900005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9

CONTROL SYS SIMULAT E E 476 3 CREDITS
 Prereq: E E 475
 Note: Available for nonmajor graduate credit
 2915005 MW 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

INDEPENDENT STUDY E E 490 VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E E 490H VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO 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: CPR E 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 13-MAY 9
 Note: Materials fee \$55.00

SR DESIGN PROJCT II E E 492 2 CREDITS
 Prereq: E E 491
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
 AND ABOVE
 9515005 R 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$55.00

PORTFOLIO ASSESSMNT E E 494 R CREDIT
 Prereq: CPR E/E E 394, CREDIT OR ENROLLMENT IN
 CPR E/E E 491
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
 AND ABOVE
 7347005 A W 1:10-2:00
 MEETS: JAN 13-MAY 9
 7347010 B W 2:10-3:00
 MEETS: JAN 13-MAY 9
 7347015 C R 3:10-4:00
 MEETS: JAN 13-MAY 9
 7347020 D R 4:10-5:00
 MEETS: JAN 13-MAY 9

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

DSN CMOS PHS-L LOOP E E 506 4 CREDITS
 Prereq: E E 435 OR E E 501 OR INSTRUCTOR APPROVAL
 9160005 A TR 11:00-12:20
 F 4:10-7:00PM
 MEETS: JAN 13-MAY 9
 9160010 B TR 11:00-12:20
 R 6:10-9:00PM
 MEETS: JAN 13-MAY 9

MICROWV REMOTE SENS E E 518 3 CREDITS
 Prereq: MATH 265 OR EQUIVALENT
 3671005 TR 11:00-12:30
 MEETS: JAN 13-MAY 9

TOPICS IN COMMUNICS E E 520 3 CREDITS
 7695005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

RANDM PROC COMM&SIG E E 523 3 CREDITS
 Prereq: E E 322, MATH 317
 7358005 TR 4:10-6:30PM
 MEETS: JAN 13-MAY 9

DETECT&ESTIM THEORY E E 527 3 CREDITS
 Prereq: E E 422
 2940005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

TOPICS EL,MICR,PHOT E E 530 3 CREDITS
 Prereq: E E 332
 9526005 1 TR 5:40-7:00PM
 MEETS: JAN 13-MAY 9

MICROEL FABRIC TCHQ E E 532 4 CREDITS
 Prereq: PHYS 222, MATH 265. E E 332 OR MAT E 331
 RECOMMENDED
 8880005 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 13-MAY 9

PHYS SEMICONV DEVIC E E 536 3 CREDITS
 Prereq: E E 535
 2942005 MW 5:40-7:00PM
 MEETS: JAN 13-MAY 9

OPTOELE DEVICES&APP E E 538 3 CREDITS
 Prereq: E E 311 OR E E 332
 3517005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

ELTRN PROPRT MATRLS E E 539 3 CREDITS
 Prereq: E E 332 OR MAT E 331 OR PHYS 322
 6236008 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

STEADY STATE ANALYS E E 553 3 CREDITS
 Prereq: E E 456, E E 457
 8879005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

WIND ENERGY CONVRSN E E 559 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN E E 452, E E 456
 2204005 A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

OPTIMAL CONTROL E E 574 3 CREDITS
 Prereq: E E 577
 2952005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

INTRO ROBUST CONTRL E E 575 3 CREDITS
 Prereq: E E 577
 2214005 A TR 8:00-9:20
 MEETS: JAN 13-MAY 9

DIGIT FEEDBCK CNTRL E E 576 3 CREDITS
 Prereq: E E 475 OR AER E 432 OR M E 411 OR M E
 414 OR MATH 415; AND MATH 267
 2953005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

NONLINEAR SYSTEMS E E 578 3 CREDITS
 Prereq: E E 577
 2955005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

SPL TOP 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 COMPTN ENGR E E 590E 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRC PWR E E 590F 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELEC MATRLS E E 590G 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EL DEVIC&CIR E E 590H 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SIGNL PROCS E E 590I 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ELECTRONICS E E 591 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2013
 1920005 A ARRANGED
 MEETS: JAN 13-MAY 9

SEMN ELECTRIC POWER E E 594 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2013.
 2964005 T 1:10-2:00
 MEETS: JAN 13-MAY 9
 2964010 B R 1:10-2:00
 MEETS: JAN 13-MAY 9

SEMN CONTROL SYSTMS E E 596 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2013
 2973005 M 4:10-5:00
 MEETS: JAN 13-MAY 9

SEM COMM&SIGNL PROC E E 597 1 CREDIT
 Note: COURSE RESTRICTED TO E CPE MAJORS ONLY.
 Satisfactory-Fail Only.
 7542005 A ARRANGED
 MEETS: JAN 13-MAY 9

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

INFORMATION THEORY E E 622 3 CREDITS
 Prereq: E E 521, E E 523
 2776005 MW 4:10-5:30
 MEETS: JAN 13-MAY 9

ELECTRICAL ENGINEERING (CONTINUED)

ENGINEERG INTERNSHP E E 697 R CREDIT
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF STUDENT SERVICES.
 Satisfactory-Fail Only.
 5716005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Department permission required.

RESEARCH E 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 13-MAY 9
 Note: SEC A FOR MAJORS OTHER THAN AER E, C E, CPR E, E E, M E, S E
 3788010 B R 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC B RESTRICTED TO CPR E, E E AND S E MAJORS ONLY.

3788015 C T 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC C RESTRICTED TO AER E MAJORS ONLY
 3788020 D T 8:00-8:50
 MEETS: JAN 13-MAY 9
 Note: SEC D RESTRICTED TO M E MAJORS ONLY.
 3788025 E T 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC E RESTRICTED TO C E MAJORS ONLY

LEAD PROGRM SEMINAR ENGR 105 1 CREDIT
 Satisfactory-Fail Only.
 6866005 F 1:10-3:00
 MEETS: JAN 13-MAY 9
 Note: THIS COURSE IS RESTRICTED TO STUDENTS IN LEAD LEARNING COMMUNITY.

LEARNING COMM SEMNR ENGR 131 R CREDIT
 Note: COURSE RESTRICTED TO ENGR MAJORS ONLY
 Satisfactory-Fail Only.
 7845005 A T 10:00-10:50
 MEETS: JAN 13-MAY 9
 7845010 B R 10:00-10:50
 MEETS: JAN 13-MAY 9

ENGR PROB & CPR LAB ENGR 160 3 CREDITS
 Prereq: MATH 142 OR SATISFACTORY SCORES ON MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR ENROLLMENT IN MATH 165
 Note: COURSE RESTRICTED TO A E, BSE, ENGR, MAT E MAJORS ONLY. CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: M E 160, ENGR 160, AER E 160, C E 160, CPR E 185, E E 185, S E 185, I E 148.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

2946005 A MW 8:00-9:50
 MEETS: JAN 13-MAY 9
 2946010 B MW 10:00-11:50
 MEETS: JAN 13-MAY 9
 2946015 C MW 12:10-2:00
 MEETS: JAN 13-MAY 9
 2946020 D MW 2:10-4:00
 MEETS: JAN 13-MAY 9
 2946025 E TR 8:00-9:50
 MEETS: JAN 13-MAY 9
 2946030 F TR 10:00-11:50
 MEETS: JAN 13-MAY 9
 2946035 G TR 12:10-2:00
 MEETS: JAN 13-MAY 9
 2946040 J TR 2:10-4:00
 MEETS: JAN 13-MAY 9
 2946045 K MW 10:00-11:50
 MEETS: JAN 13-MAY 9
 2946050 L TR 10:00-11:50
 MEETS: JAN 13-MAY 9

SURV IMPCT OF ENGRG ENGR 265 3 CREDITS
 2212005 ARRANGED
 MEETS: JAN 13-MAY 9

SURV HOW THINGS WRK ENGR 270 3 CREDITS
 7455005 TR 4:10-5:30
 MEETS: JAN 13-MAY 9

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 13-MAY 9

ENGINEERING (CONTINUED)

PROFSSNL INTERNSHIP ENGR 397 R CREDIT
 Prereq: PERMISSION OF ADVISER AND ENGINEERING CAREER SERVICES
 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
 Note: Available for nonmajor graduate credit
 8893005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9

IND STDY ENTREPRNSH ENGR 490E 1- 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN ENGINEERING, COLLEGE APPROVAL
 Note: College permission required.
 2529005 ARRANGED
 MEETS: JAN 13-MAY 9

ENGINEERING MECHANICS

STATICS OF ENGINEER E M 274 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 166; CREDIT OR ENROLLMENT IN PHYS 111 OR PHYS 221
 Note: COURSE RESTRICTED TO COLLEGE OF ENGR SOPHS & ABOVE. HONORS STUDENTS MUST REGISTER FOR E M 274H. Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

3004005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 3004010 2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 3004015 3 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

MECHAN OF MATERIALS E M 324 3 CREDITS
 Prereq: E M 274
 Note: COURSE RESTRICTED TO ENGR SOPH AND ABOVE. Available for nonmajor graduate credit
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

3007005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 3007010 2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 3007015 3 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 3007020 4 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 3007040 5 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

MECH OF MATERLS LAB E M 327 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN E M 324
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
 Available for nonmajor graduate credit

3008005 1 T 8:00-9:50
 MEETS: JAN 13-MAY 9
 3008010 2 T 10:00-11:50
 MEETS: JAN 13-MAY 9
 3008015 3 R 8:00-9:50
 MEETS: JAN 13-MAY 9
 3008020 4 R 10:00-11:50
 MEETS: JAN 13-MAY 9
 3008025 5 W 8:00-9:50
 MEETS: JAN 13-MAY 9
 3008030 6 W 10:00-11:50
 MEETS: JAN 13-MAY 9
 3008035 7 T 1:10-3:00
 MEETS: JAN 13-MAY 9
 3008040 8 R 1:10-3:00
 MEETS: JAN 13-MAY 9
 3008045 9 T 3:10-5:00
 MEETS: JAN 13-MAY 9
 3008050 10 R 3:10-5:00
 MEETS: JAN 13-MAY 9
 3008055 11 W 1:10-3:00
 MEETS: JAN 13-MAY 9
 3008060 12 W 3:10-5:00
 MEETS: JAN 13-MAY 9

DYNAMICS E M 345 3 CREDITS
 Prereq: E M 274, CR OR ENROLLMENT IN MATH 266 OR MATH 267
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
 Available for nonmajor graduate credit
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

3010005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 3010010 2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 3010015 3 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

ENGINEERING MECHANICS (CONTINUED)

INTRO NONDESTR EVAL E M 350 3 CREDITS
 Prereq: E M 324, MATH 266 OR MATH 267, PHYS 222
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
 Available for nonmajor graduate credit
 1355005 1 TR 4:10-5:30
 MEETS: JAN 13-MAY 9

PRIN NONDESTRC TEST E M 362 3 CREDITS
 Prereq: PHYS 112 OR PHYS 222
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
 Available for nonmajor graduate credit
 3011005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

NONDESTRUC TEST LAB E M 362L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MAT E 362
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
 Available for nonmajor graduate credit
 3012005 A M 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 3012010 B T 3:10-6:00PM
 MEETS: JAN 13-MAY 9

MECHANICS OF FLUIDS E M 378 3 CREDITS
 Prereq: E M 274
 Note: LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB IS HELD. COURSE RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
 Available for nonmajor graduate credit
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 3013005 1 MWF 10:00-10:50
 T 8:00-9:50
 MEETS: JAN 13-MAY 9
 3013010 2 MWF 10:00-10:50
 T 10:00-11:50
 MEETS: JAN 13-MAY 9
 3013015 3 MWF 10:00-10:50
 T 1:10-3:00
 MEETS: JAN 13-MAY 9
 3013020 4 MWF 10:00-10:50
 T 3:10-5:00
 MEETS: JAN 13-MAY 9
 3013025 5 MWF 9:00-9:50
 W 1:10-3:00
 MEETS: JAN 13-MAY 9
 3013030 6 MWF 9:00-9:50
 W 3:10-5:00
 MEETS: JAN 13-MAY 9
 3013035 7 MWF 9:00-9:50
 R 8:00-9:20
 MEETS: JAN 13-MAY 9
 3013040 8 MWF 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 13-MAY 9
 3013045 9 MWF 9:00-9:50
 R 1:10-3:00
 MEETS: JAN 13-MAY 9
 3013050 10 MWF 10:00-10:50
 W 3:10-5:00
 MEETS: JAN 13-MAY 9

INTMED MECH MATERLS E M 424 3 CREDITS
 Prereq: E M 324
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
 Available for nonmajor graduate credit
 3018005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

INTR FIN ELEM METHD E M 425 3 CREDITS
 Prereq: E M 324, MATH 266 OR MATH 267
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
 Available for nonmajor graduate credit
 3019005 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

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 TR 4:10-5:30
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY E M 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING MECHANICS (CONTINUED)

INDEP STUDY HONORS E M 490H VAR. CREDITS
 Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

APP ELAST&DEF SOLDS E M 516 3 CREDITS
 Prereq: E M 510
 3029005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

FINITE ELEMENT ANLY E M 525 3 CREDITS
 Prereq: E M 425, MATH 385
 3034005 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

ADV ENGR DYNAMICS E M 548 3 CREDITS
 Prereq: E M 345, MATH 266 OR MATH 267
 3040005 1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

FUND NONDESTRU EVAL E M 550 4 CREDITS
 Prereq: E M 324, MATH 385
 8108005 1 MWF 2:10-3:00
 T 9:00-10:50
 MEETS: JAN 13-MAY 9

PHASE TRNSFM ELASTC E M 566 3 CREDITS
 Prereq: E M 510 OR E M 516 OR E M 514
 3086005 1 MWF 4:10-5:00
 MEETS: JAN 13-MAY 9

MCH COMPOSITE MATLS E M 569 3 CREDITS
 Prereq: E M 324
 3049005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

SPL TOPC THIN FILMS E M 590H 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CELULR MDIA E M 590I 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 13-MAY 9
 Note: College permission required.

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

ENGLISH

INTENSIVE ENGLISH ENGL 10 0 CREDITS
 Prereq: RECOMMENDATION OF THE ENGLISH DEPT
 Note: Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10B 0 CREDITS
 Note: Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CREDITS
 Note: Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NONNATIVE LISTENING ENGL 99L 0 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT
 IS DETERMINED BY EXAMINATION
 Note: DEVELOPMENTAL ENGL 99L FEE APPLIES. SEE
 TUITION AND FEES WEBSITE FOR MORE INFORMATION ON
 THE FEE.

7774005 1 MW 11:00-11:50
 MEETS: JAN 13-MAY 9

7774010 2 MW 2:10-3:00
 MEETS: JAN 13-MAY 9

7774015 3 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

7774020 4 TR 4:40-5:30
 MEETS: JAN 13-MAY 9

7774025 5 MW 9:00-9:50
 MEETS: JAN 13-MAY 9

7774030 6 WF 11:00-11:50
 MEETS: JAN 13-MAY 9

NONNATIVE READING ENGL 99R 0 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT
 IS DETERMINED BY EXAMINATION
 Note: DEVELOPMENTAL ENGL 99R FEE APPLIES. SEE
 TUITION AND FEES WEBSITE FOR MORE INFORMATION ON
 THE FEE.

7877005 1 MW 1:10-2:00
 MEETS: JAN 13-MARCH 7

7877010 2 WF 1:10-2:00
 MEETS: JAN 13-MARCH 7

7877015 3 MW 12:10-1:00
 MEETS: JAN 13-MARCH 7

7877020 4 WF 2:10-3:00
 MEETS: JAN 13-MARCH 7

7877025 5 MW 11:00-11:50
 MEETS: JAN 13-MARCH 7

7877030 6 WF 9:00-9:50
 MEETS: JAN 13-MARCH 7

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 13-MAY 9

3294010 2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

3294015 3 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

ENGLISH NONNATIV II ENGL 101C 3 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
 VARIOUS SECTIONS DETERMINED BY EXAMINATION
 Note: ENGL 101C DOES NOT APPLY TOWARD GRADUATION.

3295005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

3295010 2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

3295015 3 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

3295020 4 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

3295025 5 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

3295030 6 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

3295035 7 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

3295040 8 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9

3295045 9 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

3295600 XW ARRANGED
 MEETS: JAN 13-MAY 9

Note: Section XW is off campus
 Course delivery is WWW

3295050 10 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

3295055 11 TR 8:00-9:20
 MEETS: JAN 13-MAY 9

3295060 12 TR 3:40-5:00
 MEETS: JAN 13-MAY 9

ENGLISH

(CONTINUED)

ENGLISH NONNATIV II ENGL 101D 3 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
 VARIOUS SECTIONS DETERMINED BY EXAMINATION
 Note: ENGL 101D DOES NOT APPLY TOWARD GRADUATION.

3296005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

3296010 2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

3296015 3 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN LIB 160
 Note: EVERY SECTION MEETS IN A COMPUTER WRITING LAB
 ONE DAY PER WEEK. THE OTHER MEETING(S) WILL BE IN A
 TRADITIONAL CLASSROOM.

3298001 DA TR 3:40-6:20PM
 MEETS: JAN 13-MARCH 7

Note: SEC DA MEETS BOTH DAYS IN THE DURHAM COMPUTER LAB

3298002 DB TR 3:40-6:20PM
 MEETS: MARCH 10-MAY 9

Note: SEC DB MEETS BOTH DAYS IN THE DURHAM COMPUTER LAB

3298005 FA T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 13-MAY 9

Note: SEC. FA MAY MEET THURSDAYS IN FRILEY HALL
 COMPUTER LAB

3298010 FB T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 13-MAY 9

Note: SEC. FB MAY MEET THURSDAYS IN FRILEY HALL
 COMPUTER LAB

3298015 FC MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 13-MAY 9

Note: SEC. FC MAY MEET WEDNESDAY IN FRILEY HALL
 COMPUTER LAB

3298020 FD T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 13-MAY 9

Note: SEC. FD MAY MEET THURSDAY IN FRILEY HALL
 COMPUTER LAB

3298100 HA MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 13-MAY 9

Note: SEC. HA MAY MEET WEDNESDAYS IN HELSER HALL
 COMPUTER LAB

3298105 HB MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 13-MAY 9

Note: SEC. HB MAY MEET WEDNESDAYS IN HELSER HALL
 COMPUTER LAB

3298110 HC MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 13-MAY 9

Note: SEC. HC MAY MEET WEDNESDAYS IN HELSER HALL
 COMPUTER LAB

3298115 HD MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 13-MAY 9

Note: SEC. HD MAY MEET WEDNESDAYS IN HELSER HALL
 COMPUTER LAB

3298120 HE R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 13-MAY 9

Note: SEC. HE MAY MEET TUESDAYS IN HELSER HALL
 COMPUTER LAB

3298125 HF R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 9

Note: SEC. HF MAY MEET TUESDAYS IN HELSER HALL
 COMPUTER LAB

3298130 HG R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 13-MAY 9

Note: SEC. HG MAY MEET TUESDAYS IN HELSER HALL
 COMPUTER LAB

3298055 MB T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 13-MAY 9

Note: SEC. MB MAY MEET THURSDAYS IN MAPLE-WILLOW
 LARCH COMPUTER LAB

3298060 MC T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 13-MAY 9

Note: SEC. MC MAY MEET THURSDAYS IN MAPLE-WILLOW
 LARCH COMPUTER LAB

3298200 TA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 13-MAY 9

Note: SEC. TA MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3298205 TB WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 13-MAY 9

Note: SEC. TB MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3298210 TC WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 13-MAY 9

Note: SEC. TC MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3298215 TD WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 13-MAY 9

Note: SEC. TD MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3298220 TE WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 13-MAY 9

ENGLISH (CONTINUED)

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS
 Note: SEC. TE MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3298225 TF WF 4:10-5:00
 M 4:10-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC. TF MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3298235 TG WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC. TG MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3298240 TH WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC. TH MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3298285 TT MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC. TT MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. US STUDENTS ONLY. MEETS JOINTLY WITH SEC. TV.
 3298290 TV MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC. TV MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. MEETS WITH SEC TV. INTERNATIONAL STUDENTS ONLY. SEE YOUR DEPT. ADVISER FOR PERMISSION TO ADD.
 3298295 TW MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC. TW MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. US STUDENTS ONLY. MEETS JOINTLY WITH SEC. TX
 3298300 TX MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC. TX MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. MEETS WITH SEC TW. INTERNATIONAL STUDENTS ONLY. SEE YOUR DEPT. ADVISER FOR PERMISSION TO ADD.
 3298305 TY MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC TY MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB THIS IS A CROSS-CULTURAL SECTION, US STUDENTS ONLY MEETS JOINTLY WITH SEC TZ
 3298310 TZ MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC TZ MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB THIS IS A CROSS-CULTURAL SECTION, MEETS JOINTLY WITH SEC TY. INTERNATIONAL STUDENTS ONLY. SEE YOUR DEPT. ADVISER FOR PERMISSION TO ADD.

SPEAKG FOR INT'L TA ENGL 180A 3 CREDITS
 Prereq: NO MORE THAN ONE SECTION OF ENGL 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 13-MAY 9
 Note: Department permission required.
 3579010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: Department permission required.

ADV SPEAKG INT'L TA ENGL 180C 3 CREDITS
 Prereq: NO MORE THAN ONE SECTION OF ENGL 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 13-MAY 9
 Note: Department permission required.
 3585010 2 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: Department permission required.

PRESNTATNS INT'L TA ENGL 180D 3 CREDITS
 Prereq: NO MORE THAN ONE SECTION OF ENGL 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 13-MAY 9
 Note: Department permission required.
 3593010 2 MW 3:10-4:30
 MEETS: JAN 13-MAY 9
 Note: Department permission required.
 3593015 3 TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 Note: Department permission required.

ENGLISH (CONTINUED)

INTRO TO LITERATURE ENGL 201 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 3303005 A1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, SP CM, TCOMM ONLY MAJORS ONLY
 3303010 A2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, SP CM TCOMM

INTRO CREATIVE WRIT ENGL 207 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 7369005 A TR 2:10-3:00
 M 4:10-5:00
 MEETS: JAN 13-MAY 9
 7369010 B TR 2:10-3:00
 M 4:10-5:00
 MEETS: JAN 13-MAY 9
 7369015 C TR 2:10-3:00
 M 5:10-6:00PM
 MEETS: JAN 13-MAY 9
 7369020 D TR 2:10-3:00
 M 5:10-6:00PM
 MEETS: JAN 13-MAY 9
 7369025 E TR 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 13-MAY 9
 7369030 F TR 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 13-MAY 9
 7369035 G TR 2:10-3:00
 T 5:10-6:00PM
 MEETS: JAN 13-MAY 9

INTRO LINGUISTICS ENGL 219 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH AND ABOVE.
 3307005 A MWF 8:00-8:50
 MEETS: JAN 13-MAY 9
 3307010 B MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 3307015 C TR 2:10-3:30
 MEETS: JAN 13-MAY 9

DESCRP ENGL GRAMMAR ENGL 220 3 CREDITS
 Prereq: ENGL 250
 3308005 A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 3308010 B TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 3308600 XW ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WW

BRIT LIT SINCE 1800 ENGL 226 3 CREDITS
 Prereq: ENGL 250
 5351005 A1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 5351010 A2 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM

AMER LIT SINCE 1865 ENGL 228 3 CREDITS
 Prereq: ENGL 250
 Note: SEC A1, B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2, B2 FOR MAJORS OTHER THAN ENGL, TCOMM
 5360005 A1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 5360010 A2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

INTRO AM INDIAN LIT ENGL 240 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 Note: Meets U.S. diversity reqmt
 8244005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9 COPPOC J

WRIT, ORAL, EL COMPOS ENGL 250 3 CREDITS
 Prereq: ENGL 150 OR EXEMPTION FROM ENGL 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.
 3299005 DA MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 3299010 DB MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 3299015 DC MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 3299025 FF MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC FF MAY MEET WEDNESDAY IN FRILEY HALL COMPUTER ROOM.
 3299035 FH MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC FH MAY MEET WEDNESDAY IN FRILEY HALL COMPUTER ROOM

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299060 FN R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC FN MAY MEET TUESDAY IN FRILEY HALL COMPUTER ROOM

3299065 FP R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC FP MAY MEET TUESDAY IN FRILEY HALL COMPUTER ROOM

3299070 FQ R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC FQ MAY MEET TUESDAY IN FRILEY HALL COMPUTER ROOM

3299075 FR R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC FR MAY MEET TUESDAY IN FRILEY HALL COMPUTER ROOM

3299080 FS R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 13-MAY 9
 Note: SEC FS MAY MEET TUESDAY IN FRILEY HALL COMPUTER ROOM

3299085 FT WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC FT MAY MEET MONDAY IN FRILEY HALL COMPUTER ROOM.

3299120 HK T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 13-MAY 9
 Note: SEC HK MAY MEET THURSDAY IN HELSER HALL COMPUTER ROOM

3299150 HL T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC HL MAY MEET THURSDAY IN HELSER HALL COMPUTER ROOM

3299145 HM T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC HM MAY MEET THURSDAY IN HELSER HALL COMPUTER ROOM

3299175 HR T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC HR MAY MEET THURSDAY IN HELSER HALL COMPUTER ROOM

3299180 HS T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC HS MAY MEET THURSDAY IN HELSER HALL COMPUTER ROOM.

3299200 LA R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC LA MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.

3299205 LB R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC LB MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.

3299210 LC MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 13-MAY 9
 Note: SEC LC MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.

3299215 LD MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC LD MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.

3299220 LE WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC LE MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299225 LF WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC LF MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299230 LG MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC LG MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299235 LH MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC LH MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299240 LJ MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC LJ MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299245 LK MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC LK MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299250 LL T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 13-MAY 9
 Note: SEC LL MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299255 LM T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC LM MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299260 LN R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC LN MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299265 LP T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC LP MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299270 LQ WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC LQ MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.

3299275 LR WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC LR MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.

3299280 LS WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC LS MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER LAB

3299285 LU WF 4:10-5:00
 M 4:10-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC LU MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER LAB

3299290 LV T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC LV MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.

3299300 MA WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC. MA MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.

3299305 MB WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC. MB MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.

3299310 MC WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC. MC MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.

3299315 MD WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC. MD MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.

3299320 ME R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC. ME MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.

3299325 MF MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC MF MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.

3299330 MG MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC MG MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER LAB

3299335 MH MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC MH MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER LAB

3299340 MJ MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC. MJ MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299345 MK MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC. MK MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299350 ML T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 13-MAY 9
 Note: SEC. ML MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299355 MM R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC. MM MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299360 MN T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC MN MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
 3299365 MP T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC MP MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299370 MQ R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC MQ MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
 3299375 MR R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC MR MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299380 MS WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 13-MAY 9
 Note: SEC MS MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299385 MT R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC MT MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
 3299390 MU T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC MU MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299400 PA TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299405 PB TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC PB MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299410 PC TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC PC MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.
 STUDENTS WHO WOULD LIKE TO ENROLL IN OPTIONAL TRIP TO EDINBURGH, SCOTLAND DURING SPRING BREAK FOR AN EXTRA HOUR OF CREDIT, SHOULD APPLY TO STUDY ABROAD CENTER BY NOVEMBER 15. QUESTIONS? EMAIL DR. BLAKELY, BLAKELY@IASTATE.EDU
 3299415 PD TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC PD MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3299420 PE TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 Note: SEC PE MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3299425 PF TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC PF MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3299430 PG MWF 8:00-8:50
 MEETS: JAN 13-MAY 9
 Note: SEC PG MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299435 PH MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC PH MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299440 PJ MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC PH MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299445 PK MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC PK MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299450 PL MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC PL MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299455 PM MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC PM MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299460 PN MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC PN MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299465 PP MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC PP MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299470 PQ MWF 4:10-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC PQ MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299700 RA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 13-MAY 9
 Note: SEC RA MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299705 RB WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC RB MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299710 RC MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC RC MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299715 RD MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC RD MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299720 RE WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC RE MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299725 RF WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC RF MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299730 RG MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC RG MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299735 RH MW 3:10-6:00PM
 MEETS: JAN 13-MARCH 7
 Note: SEC RH MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299740 RJ MW 3:10-6:00PM
 MEETS: MARCH 10-MAY 9
 Note: SEC RJ MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299745 RK TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 Note: SEC RK MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299750 RL TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC RL MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299755 RM T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC RM MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299760 RN T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC RN MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299765 RP TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC RP MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299770 RQ TR 3:40-6:20PM
 MEETS: JAN 13-MARCH 7
 Note: SEC RQ MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299775 RR TR 3:40-6:20PM
 MEETS: MARCH 10-MAY 9
 Note: SEC RR MEETS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.
 3299500 TA T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC TA MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB
 3299505 TB T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC TB MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB
 3299510 TC T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 13-MAY 9
 Note: SEC TC MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB
 3299515 TD MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 13-MAY 9
 Note: SEC TD MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB
 3299525 TE R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC TE MAY MEET TUESDAY IN ROSS HALL COMPUTER LAB
 3299530 TF R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC TF MAY MEET TUESDAY IN ROSS HALL COMPUTER LAB
 3299535 TG T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC TG MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB
 3299540 TH T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC TH MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299545 TJ MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC TJ MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB

3299550 TK MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC TK MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB

3299560 TM MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC TM MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB

3299600 VA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 13-MAY 9
 Note: SEC VA MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3299605 VB WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC VB MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3299610 VC MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC VC MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB

3299615 VD MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC VD MAY MEETS WEDNESDAY IN ROSS HALL COMPUTER LAB

3299620 VE WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC VE MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3299625 VF WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC VF MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3299630 VG WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC VG MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3299635 VH WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC VH MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3299640 VJ WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC VJ MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3299645 VK WF 4:10-5:00
 M 4:10-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC VK MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3299650 VL MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 13-MAY 9
 Note: SEC VL MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB

3299655 VM MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC VM MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB

3299660 VN MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC VN MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB

3299670 VW MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC. VW MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SEC. VX.

3299675 VX MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC. VX MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. MEETS JOINTLY WITH SEC TW. INTERNATIONAL STUDENTS ONLY. SEE YOUR DEPT. ADVISER FOR PERMISSION TO ADD.

3299680 VY MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC VY MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SEC. VZ.

3299685 VZ MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC. VZ MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. MEETS JOINTLY WITH SEC TY. INTERNATIONAL STUDENTS ONLY. SEE YOUR DEPT. ADVISER FOR PERMISSION TO ADD.

ENGLISH

(CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
 COURSE IS RESTRICTED TO JUNIORS AND ABOVE

3314005 1 WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 13-MAY 9

3314010 2 WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 13-MAY 9

3314015 3 WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 13-MAY 9

3314020 4 MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 9

3314025 5 MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 9

3314030 6 WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 13-MAY 9

3314035 7 WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 13-MAY 9

3314040 8 WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 13-MAY 9

3314045 9 WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 9

3314170 EM MW 6:00-8:00PM
 MEETS: JAN 27-APRIL 9
 Note: SECTION EM FOR MAJORS OTHER THAN L ST, LAS S

3314175 ES MW 6:00-8:00PM
 MEETS: JAN 27-APRIL 9
 Note: SEC ES FOR L ST, LAS S MAJORS ONLY

3314600 XW ARRANGED
 MEETS: JAN 13-MAY 9
 Note: CONTACT JESLYN JACKSON FOR PERMISSION TO REGISTER AT JESLYN@IASTATE.EDU. FOR STUDENTS WHO ARE NOT TAKING ANY CLASSES ON THE ISU CAMPUS DURING SPRING SEMESTER.
 Department permission required.
 Section XW is off campus
 Course delivery is WW

3314050 10 WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 9

3314055 11 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 13-MAY 9

3314060 12 WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 13-MAY 9

3314065 13 WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 13-MAY 9

3314070 14 MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 13-MAY 9

3314075 15 WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 13-MAY 9

3314080 16 WF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 13-MAY 9

3314085 17 WF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 13-MAY 9

3314090 18 T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 13-MAY 9

3314095 19 T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 13-MAY 9

3314100 20 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 13-MAY 9

3314105 21 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 13-MAY 9

3314110 22 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 13-MAY 9

3314115 23 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 13-MAY 9

3314120 24 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 9

3314125 25 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 9

3314130 26 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 13-MAY 9

3314135 27 T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 13-MAY 9

3314140 28 R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 13-MAY 9

3314145 29 MW 8:00-8:50
 F 8:00-8:50
 MEETS: JAN 13-MAY 9

ENGLISH (CONTINUED)

ENGLISH (CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS
 3314150 30 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9
 3314155 31 WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 13-MAY 9
 3314160 32 WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 13-MAY 9
 3314165 33 R 9:30-10:50
 T 9:30-10:50PM
 MEETS: JAN 13-MAY 9
 3314180 34 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 13-MAY 9
 3314185 35 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 13-MAY 9
 3314190 36 R 9:30-10:50
 T 9:30-10:50PM
 MEETS: JAN 13-MAY 9
 3314195 37 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 13-MAY 9
 3314200 38 MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 13-MAY 9
 3314205 39 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 13-MAY 9
 3314210 40 WF 4:10-5:00
 M 4:10-5:00
 MEETS: JAN 13-MAY 9
 3314215 41 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 13-MAY 9
 3314220 42 T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 13-MAY 9
 3314225 43 T 6:10-8:00PM
 R 6:10-8:00PM
 MEETS: JAN 13-MAY 9

CREAT WRITING FICTN ENGL 304 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 Note: COURSE IS RESTRICTED TO SOPH AND ABOVE
 3316005 A MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 3316010 B TR 12:40-2:00
 MEETS: JAN 13-MAY 9

CREAT WRITING NON-F ENGL 305 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 3317005 A T 6:10-9:00PM
 MEETS: JAN 28-APRIL 10

CREAT WRITING POET ENGL 306 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 3318005 A TR 2:10-3:30
 MEETS: JAN 13-MAY 9

REPT&PROPOSAL WRITNG ENGL 309 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 Note: SEC A1, B1 ECT RESTRICTED TO ENGL, TCOMM MAJORS ONLY. SEC A2, B2 ECT FOR MAJORS OTHER THAN ENGL, TCOMM
 8089005 A1 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 8089010 A2 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 8089015 B1 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 9
 8089020 B2 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 9
 8089025 C1 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 13-MAY 9
 8089035 D1 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 13-MAY 9

RHETORICAL ANALYSIS ENGL 310 3 CREDITS
 Prereq: ENGL 250
 8308005 A1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 8308010 A2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM.
 8308015 B1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 8308020 B2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC B2 FOR MAJOR OTHER THAN ENGL, TCOMM.

BIOLOGICAL COMMUNICA ENGL 312 3 CREDITS
 Prereq: ENGL 250
 Note: COURSE RESTRICTED TO LIFE SCIENCES MAJORS ONLY
 6971005 A T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 13-MAY 9
 6971010 B T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 13-MAY 9

RHETORCL WEBSTE DSN ENGL 313 3 CREDITS
 Prereq: ENGL 250
 Note: Available for nonmajor graduate credit
 5597005 A1 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 5597010 A2 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM

TECHNICAL COMMUNICTN ENGL 314 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
 COURSE IS RESTRICTED TO JUNIORS AND ABOVE
 3356005 1 MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 13-MAY 9
 3356010 2 MWF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 13-MAY 9
 3356015 3 MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 9
 3356020 4 MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 13-MAY 9
 3356025 5 MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 13-MAY 9
 3356030 6 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 13-MAY 9
 3356035 7 MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 13-MAY 9
 3356040 8 MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 13-MAY 9
 3356045 9 MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 13-MAY 9
 3356105 EM TR 6:00-8:00PM
 MEETS: JAN 28-APRIL 10
 Note: SEC EM RESTRICTED TO U S STUDENTS ONLY. PLEASE
 EMAIL JESLYN JACKSON AT JESLYN@IASTATE.EDU FOR
 PERMISSION TO REGISTER.
 Department permission required.
 3356107 EN TR 6:10-8:00PM
 MEETS: JAN 28-APRIL 10
 Note: SEC EN RESTRICTED TO INTERNATIONAL STUDENTS
 ONLY. PLEASE EMAIL JESLYN JACKSON AT
 JESLYN@IASTATE.EDU FOR PERMISSION TO REGISTER.
 Department permission required.
 3356110 ES TR 6:00-8:00PM
 MEETS: JAN 28-APRIL 10
 Note: SEC ES FOR L ST, LAS S MAJORS ONLY
 3356600 XW ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WW
 3356050 10 T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 13-MAY 9
 3356055 11 T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 13-MAY 9
 3356060 12 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 13-MAY 9
 3356065 13 T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 13-MAY 9
 3356070 14 T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 13-MAY 9
 3356075 15 R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 13-MAY 9
 3356080 16 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 13-MAY 9
 3356085 17 MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 13-MAY 9
 3356090 18 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 9
 3356095 19 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 13-MAY 9
 3356100 20 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 13-MAY 9
 3356115 21 T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 13-MAY 9

ENGLISH (CONTINUED)

ENGLISH (CONTINUED)

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS
 3356120 22 MWF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 13-MAY 9
 3356125 23 MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 13-MAY 9
 3356130 24 MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 13-MAY 9
 3356135 25 TR 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 13-MAY 9
 3356140 26 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 9

HONORS-TECHNCL COMM ENGL 314H 3 CREDITS
 Prereq: ENGL 250, JR CLASSIFICATION. FOR UNIV
 HONORS PROGRAM STUDENTS ONLY.
 Note: COURSE MAY BE TAUGHT IN THE COMPUTER LAB
 3357005 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 13-MAY 9

CRTV WRT PLAYWRITNG ENGL 316 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 Note: COURSE IS RESTRICTED TO SOPH AND ABOVE
 Available for nonmajor graduate credit
 3321005 A1 MW 3:10-4:30
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL MAJOR ONLY
 3321010 A2 MW 3:10-4:30
 MEETS: JAN 13-MAY 9
 Note: SEC A2 RESTRICTED TO PERF MAJORS ONLY

SCIENCE FICTION ENGL 330 3 CREDITS
 Prereq: ENGL 250
 3312005 A1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3312010 A2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM.

STUDIES IN FILM ENGL 335 3 CREDITS
 Prereq: ENGL 250
 Note: FILM SHOWINGS MAY EXTEND SCHEDULED TIME
 Available for nonmajor graduate credit
 3322005 A1 T 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 3322010 A2 T 6:10-9:00PM
 MEETS: JAN 13-MAY 9

U. S. LATINO/A LIT ENGL 344 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 7543005 A1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 7543010 A2 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

WOMEN & LIT TOPICS ENGL 345 3 CREDITS
 Prereq: ENGL 250
 Note: TOPIC: "19TH CENTURY WOMEN WRITERS"
 Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 3324005 A1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3324010 A2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

AMERICAN INDIAN LIT ENGL 346 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 3325005 A1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3325010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

TOP US MLTICULT LIT ENGL 349 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 3328005 A1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
 ONLY.
 3328010 A2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

RHETORICAL TRADITNS ENGL 350 3 CREDITS
 Prereq: ENGL 250
 8387005 A1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 TOPIC: WRITING, TECHNOLOGY, & RHETORIC
 8387010 A2 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC. A2 FOR MAJORS OTHER THAN ENGL, TCOMM.
 TOPIC: WRITING, TECHNOLOGY, & RHETORIC

SCI THOT&LIT IMAGIN ENGL 351 3 CREDITS
 Note: Available for nonmajor graduate credit
 2218005 A1 MW 4:10-5:30
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 2218010 A2 MW 4:10-5:30
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM

WORLD LIT:1600-PRES ENGL 354 3 CREDITS
 Prereq: ENGL 250
 Note: Meets international perspectives reqmt
 3330005 A1 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3330010 A2 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM

LIT AND THE ENVIRON ENGL 355 3 CREDITS
 Prereq: ENGL 250
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 Available for nonmajor graduate credit
 5370005 A1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 5370010 A2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

STU 19TH C AMER LIT ENGL 362 3 CREDITS
 Prereq: ENGL 250; SOPHOMORE CLASSIFICATION
 3336005 A1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3336010 A2 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

STU AMER LIT: 1900- ENGL 364 3 CREDITS
 Prereq: ENGL 250; SOPHOMORE CLASSIFICATION
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2 FOR MAJORS OTHER THAN ENGL TCOMM.
 3338005 A1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 3338010 A2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

SHAKESPEARE ENGL 370 3 CREDITS
 Prereq: ENGL 250
 Note: Meets international perspectives reqmt
 3341005 A1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3341010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL,
 TCOMM

HIST OF CHILD'S LIT ENGL 393 3 CREDITS
 Prereq: ENGL 250
 Note: Available for nonmajor graduate credit
 8391600 XW ARRANGED ZIMMERMAN E
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

TCH RDNG OF YNG LIT ENGL 396 3 CREDITS
 Prereq: ENGL 250
 Note: Available for nonmajor graduate credit
 3350005 A1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
 3350010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A2 RESTRICTED TO EL ED MAJORS ONLY.

TEACHNG WRITING SEC ENGL 397 3 CREDITS
 Prereq: ENGL 219 OR ENGL 220; BEGIN APP PROCESS
 FOR ADMISSN TO UNIV TEACHER ED PROGRAM; INITIATE A
 STATE OF IA DEPT OF CRIMINAL INVESTIGATN BACKGROUND
 CHECK; CONCURRENT ENROLLMENT IN C I 280 (2 CR.).
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
 3381005 A TR 11:00-12:20
 MEETS: JAN 13-MAY 9

ENGLISH

(CONTINUED)

BUSI&TECHNICAL EDIT ENGL 415 3 CREDITS
 Prereq: ENGL 302, ENGL 309, OR ENGL 314; JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 3358005 A1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3358010 A2 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

STUDNT TCH ENGL&LIT ENGL 417E VAR. CREDITS
 Prereq: ENGL 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: 1ST 14 WKS
 Note: SEC 1 OFFERED FOR 14 CREDITS.
 7786010 2 ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 2 OFFERED FOR 8 CREDITS.
 7786015 3 ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 7786020 4 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 4 OFFERED FOR 16 CREDITS.
 Instructor permission required.

SEMNR ARGUMENTATION ENGL 418 3 CREDITS
 Prereq: ENGL 310; JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 2718005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9

HIST OF ENGLISH LANG ENGL 420 3 CREDITS
 Prereq: ENGL/LING 219, ENGL/LING 220
 Note: NOT OPEN TO FRESHMEN OR SOPHOMORES
 Available for nonmajor graduate credit
 3360005 A MW 3:10-4:30
 MEETS: JAN 13-MAY 9

WOMEN,MEN&ENGL LANG ENGL 422 3 CREDITS
 Prereq: ENGL/LING 219
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 9533005 A MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

2ND LANG LRNG&TCHNG ENGL 425 3 CREDITS
 Prereq: ENGL/LING 219, JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 9321005 A MW 4:10-5:30
 MEETS: JAN 13-MAY 9

SEMINAR BRITISH LIT ENGL 440 3 CREDITS
 Prereq: COMPLETION OF 9 CR OF SURVEYS; COMPLETION OF OR CONCURRENT ENROLLMENT IN ENGL 339; JUNIOR CLASSIFICATION.
 Note: Available for nonmajor graduate credit
 9534005 A MW 3:10-4:30
 MEETS: JAN 13-MAY 9
 Note: TOPIC: CHAUCER

SEMNR TECHNICAL COMM ENGL 477 3 CREDITS
 Prereq: ENGL 302 OR ENGL 309 OR ENGL 314
 Note: Available for nonmajor graduate credit
 8884005 A1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
 8884010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

INTERN BUS,PRO COMM ENGL 487 1- 3 CREDITS
 Prereq: JUNIOR CLASSIF; PERMISSN OF COORDINATOR; 9 CR IN ENGL 302, ENGL 309, ENGL 313, ENGL 314, ENGL 415 (PREFERRED), ENGL 416, OR ENGL 477.
 Note: Department permission required.
 9099005 A ARRANGED
 MEETS: JAN 13-MAY 9

IND STDY LITERATURE ENGL 490A VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 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 ENGL 250 APPROPRIATE TO INDEP STUDY IN LINGUISTICS, JR CLASSIFICATION, PERMISSION OF UNDERGRAD STUDIES COMMITTEE OR LINGUISTICS ADVISER
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGLISH

(CONTINUED)

INDEP STDY RHETORIC ENGL 490C VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 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 ENGL 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 ENGL 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 ENGL 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 ENGL 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 HONORS ENGL 490H VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 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 UNIVERSTIY HONORS STUDENTS.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV CRTV WR WRKP MU ENGL 493X 3 CREDITS
 Prereq: ENGL 304, ENGL 305, OR ENGL 306;
 JUNIOR STANDING
 8585005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9

CAPSTONE ASSESSMENT ENGL 497 1 CREDIT
 Prereq: JUNIOR STATUS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH METHD RHETORC ENGL 501 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN ENGLISH
 8090005 A W 6:10-9:00PM
 MEETS: JAN 13-MAY 9

TCHG BUS&TECHN COMM ENGL 504 3 CREDITS
 Prereq: M.A. IN ENGLISH OR CLOSELY RELATED FIELD; MUST BE TEACHING ENGL 302, ENGL 309 OR ENGL 314 CONCURRENTLY
 Note: COURSE RESTRICTED TO GRADUATE ENGL MAJORS
 3388005 A ARRANGED
 MEETS: JAN 13-MAY 9

TECHNOL IN PRO COMM ENGL 505 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: COURSE RESTRICTED TO GRADUATE ENGL MAJORS.
 5103005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9

ADV WKSHP ACAD WRIT ENGL 508 3 CREDITS
 Prereq: 6 GRADUATE CREDITS
 5107005 A TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: TOPIC: WRITING EMPIRICAL RESEARCH

LANGU ASSESS PRACTM ENGL 513 3 CREDITS
 Prereq: ENGL 519
 8728005 A ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO ENGL, LING MJORS ONLY

ENGLISH (CONTINUED)

ENGLISH (CONTINUED)

SOCIOLINGUISTICS ENGL 514 3 CREDITS
 Prereq: ENGL/LING 511 OR AN INTRODUCTORY LINGUISTICS COURSE
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3397006 A TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

2ND LANUAGE ASSESSM ENGL 519 3 CREDITS
 Prereq: ENGL/LING 511
 3402005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9

COMPUTNL ANALY ENGL ENGL 520 3 CREDITS
 Prereq: ENGL/LING 510 AND ENGL/LING 511
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 7580005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9

LIT THRY & CRITICSM ENGL 522 3 CREDITS
 Prereq: 6 CREDITS IN LITERATURE
 3405005 A T 6:10-9:00PM
 MEETS: JAN 13-MAY 9

TCH NONNATV LIS&SPK ENGL 525 3 CREDITS
 Prereq: ENGL/LING 511 OR AN INTRODUCTORY COURSE IN LINGUISTICS
 2230005 A MW 11:00-12:20
 MEETS: JAN 13-MAY 9

CPR-ASSIST LANG LRN ENGL 526 3 CREDITS
 Prereq: ENGL/LING 511 OR EQUIVALENT
 3638005 A M 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

DISCOURSE ANALYSIS ENGL 527 3 CREDITS
 Prereq: ENGL/LING 511 OR AN INTRODUCTORY COURSE IN LINGUISTICS
 Note: COURSE RESTRICTED TO ENGL GRADUATE STUDENTS
 2052005 A TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

BRITISH LIT TO 1830 ENGL 533 3 CREDITS
 Prereq: 6 CREDITS IN LITERATURE
 2243005 A R 6:10-9:00PM
 MEETS: JAN 13-MAY 9

AUTOBIOG,BIO,MEMOIR ENGL 541 3 CREDITS
 Prereq: 6 CREDITS IN LITERATURE
 3271005 A MW 3:10-4:30
 MEETS: JAN 13-MAY 9

ENVIRONMENTAL LIT ENGL 543 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: COURSE RESTRICTED TO ENGL GRAD STUDENTS ONLY.
 8359005 A TR 11:00-12:20
 MEETS: JAN 13-MAY 9

MLTMDIA DSN PRO CMM ENGL 549 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 8624005 A M 6:10-9:00PM
 MEETS: JAN 13-MAY 9

ADV CRTVE WRIT WKSP ENGL 551 3 CREDITS
 Prereq: FOURTH-SEMESTER OR EQUIVALENT STANDING IN THE CREATIVE WRITING AND ENVIRONMENT MFA PROGRAM
 Note: COURSE RESTRICTED TO ENGL GRADS ONLY
 8367005 A M 6:10-9:00PM
 MEETS: JAN 13-MAY 9

ADV IMAG WRIT:FICTN ENGL 554 3 CREDITS
 Prereq: ENGL 550, GRAD CLASSIFICATION. OPEN TO GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND ENVIRONMENT ONLY WITH PERMISSION.
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3412005 A W 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 3412010 B W 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

ADV IMAG WRIT:POETR ENGL 556 3 CREDITS
 Prereq: ENGL 550, GRAD CLASSIFICATION. OPEN TO GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND ENVIRONMENT ONLY WITH PERMISSION.
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3413005 A T 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 3413010 B T 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR STUDENTS NOT FORMALLY ADMITTED TO THE MA PROGRAM IN ENGLISH.
 Instructor permission required.

CRTV WRT TCHG INTRN ENGL 559 1- 3 CREDITS
 Prereq: PERMISSION OF PARTICIPATING INSTRUCTORS
 7431005 A ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

ENVIRON FIELD EXPER ENGL 560 3 CREDITS
 Prereq: ENGL 550, GRAD CLASSIFICATION. OPEN TO GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND ENVIRONMENT ONLY WITH PERMISSION.
 8229005 A ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

INTERN BUS,PRO COMM ENGL 587 1- 3 CREDITS
 Prereq: ENGL 507 PLUS 3 ADDL GRAD CR IN BUSINESS & TECHNICAL WRITING OR COMPOSITION & RHETORIC, INSTRUCTOR PERMISSION. LIMITED TO MASTER'S & DOCTORAL CANDIDATES IN FIELD OF RHETORIC AND PRO COMMUNICATION
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2013
 Instructor permission required.
 3425005 A ARRANGED
 MEETS: JAN 13-MAY 9

PRA TCH ENG 2ND LNG ENGL 588 3 CREDITS
 Prereq: 9 CREDITS TOWARD TESL/TEFL CERTIFICATE, 15 CREDITS TOWARD TESL/AL MASTER'S DEGREE, OR 18 CR COMPLETED TOWARD THE ESL ENDORSEMENT OPTION
 3426005 A ARRANGED
 MEETS: JAN 13-MAY 9

SUPV PRACTCM LIT ED ENGL 589 3 CREDITS
 Prereq: ENGL 550, AT LEAST ONE GRADUATE CREATIVE WRITING WORKSHOP, PERMISSION OF INSTRUCTOR
 7611005 A ARRANGED
 MEETS: JAN 13-MAY 9

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

STDI CULTURL RHETRC ENGL 592D 3 CREDITS
 Prereq: 12 CREDITS IN RHETORIC, LINGUISTICS, OR LITERATURE, EXCLUDING ENGL 150 AND ENGL 250
 3302005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9

CREATIVE COMPONENT ENGL 599 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOPCS RHETOR THEORY ENGL 611 3 CREDITS
 Prereq: ENGL 547 OR ENGL 548
 8395005 A T 6:10-9:00PM
 MEETS: JAN 13-MAY 9

CPTR-ASIST LANG TST ENGL 626 3 CREDITS
 Prereq: ENGL/LING 510, ENGL/LING 511, ENGL/LING 519
 7616005 A TR 2:10-3:30
 MEETS: JAN 13-MAY 9

PRACTCM TEC &LINGUI ENGL 688 3 CREDITS
 Prereq: ENGL/LING 510, ENGL/LING 626, OR EQUIV; AT LEAST 2ND YEAR PH.D. STUDENT IN APPLIED LINGUISTICS AND TECHNOLOGY
 7633005 A ARRANGED
 MEETS: JAN 13-MAY 9

ENGLISH

(CONTINUED)

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 14-FEB 13

INSECTS AND SOCIETY ENT 211 2 CREDITS
 Prereq: ENT 201
 3441005 A TR 2:10-3:30 HOLSCHER K
 MEETS: FEB 18-MAY 9

PESTICIDE APPL CERT ENT 283 2 CREDITS
 6695005 A MW 2:10-3:00 HOLSCHER K
 MEETS: JAN 13-MAY 9

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 13-MAY 9

INSECTS&OUR HLTH LAB ENT 374L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN ENT 374
 6315005 W 9:00-11:50 BARTHOLOMAY L
 MEETS: JAN 13-MAY 9

FND ENTOMO&PEST MGT ENT 376 3 CREDITS
 Prereq: BIOL 101 OR BIOL 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 13-MAY 9

3446010 B TR 12:40-1:30 GASSMANN A
 W 12:10-3:00 GASSMANN A
 MEETS: JAN 13-MAY 9

3446015 C TR 12:40-1:30 GASSMANN A
 W 3:10-6:00PM O'NEAL M
 MEETS: JAN 13-MAY 9

MGT DIS&PEST TGRASS ENT 452 3 CREDITS
 Prereq: HORT 351
 5299005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

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 GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LAB TEACHG ENT 490U 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES, JUNIOR OR SENIOR CLASSIFICATION. FOR STUDENTS REGISTERING TO BE UNDERGRADUATE LABORATORY ASSISTANTS.
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PESTICIDES IN ENVIR ENT 550 2 CREDITS
 Prereq: GRAD CLASSIFICATION
 8682005 A TR 9:00-9:50 COATS J
 MEETS: JAN 13-MAY 9

MGT DIS&PEST TGRASS ENT 552 3 CREDITS
 Prereq: HORT 351
 5316005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

INSECT PHYSIOLOGY ENT 555 4 CREDITS
 Prereq: ENT 370
 4042005 A TR 11:00-12:20 JURENKA R
 R 2:10-5:00 JURENKA R
 MEETS: JAN 13-MAY 9

ADVANC'D SYSTEMATICS ENT 568 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7125005 ARRANGED
 MEETS: JAN 13-MAY 9

MEDICAL ENTOMOLOGY ENT 574 4 CREDITS
 Prereq: 9 CREDITS IN BIOLOGICAL SCIENCES
 3455005 MWF 9:00-9:50 BARTHOLOMAY L
 W 9:00-11:50 BARTHOLOMAY L
 MEETS: JAN 13-MAY 9

ENTOMOLOGY

(CONTINUED)

SP TOP BIOL CONTROL ENT 590A 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP CHEM ECOLOGY ENT 590B 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECO&PEST MGT ENT 590C 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EVOL&SYSTMAT ENT 590D 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH TOPCS ENT 590E 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEDICAL&VET ENT 590F 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC MOLECULAR ENT 590G 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHYSL&BIOCH ENT 590H 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TOXICOLOGY ENT 590I 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCHNG EXPER ENT 590K 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EXTENS INTRN ENT 590L 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP IMMATUR INS ENT 590M 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POPUL GENET ENT 590N 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENT 600 1 CREDIT
 5345005 A M 4:10-5:00 BARTHOLOMAY L
 MEETS: JAN 13-MAY 9

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

ENVIRONMENTAL SCIENCE

ENVIRN SOIL SCIENCE ENSCI 360 3 CREDITS
 Prereq: AGRON 154 OR ENSCI 250 OR GEOL 201
 1924005 1 MW 9:00-9:50 BURRAS C
 M 1:10-4:00 BURRAS C
 MEETS: JAN 13-MAY 9

1924010 2 MW 9:00-9:50 BURRAS C
 W 2:10-5:00 BURRAS C
 MEETS: JAN 13-MAY 9

ECO&ENVIRON SCI GIS ENSCI 370X 1- 6 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL SCIENCES, AND PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 9499005 ARRANGED
 MEETS: JAN 13-MAY 9

ANALYS ENVIRON SYST ENSCI 382 3 CREDITS
 Prereq: ENSCI 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 13-MAY 9

4810010 1B MW 1:10-2:00 CASTELLANO M
 M 2:10-4:00 CASTELLANO M
 MEETS: JAN 13-MAY 9

4810015 2A MW 1:10-2:00 CASTELLANO M
 W 2:10-4:00 CASTELLANO M
 MEETS: JAN 13-MAY 9

4810020 2B MW 1:10-2:00 CASTELLANO M
 W 2:10-4:00 CASTELLANO M
 MEETS: JAN 13-MAY 9

ENVIRONMENTAL SCIENCE (CONTINUED)

ENVIRONMENTAL SCIENCE (CONTINUED)

INTERNSHIP ENVI SCI ENSCI 390 VAR. CREDITS
 Prereq: APPROVAL OF THE ENVIR SCIENCE COORDINATOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPRENTICESHIP ENSCI 391 VAR. CREDITS
 Prereq: APPROVAL OF THE ENVIR SCIENCE COORDINATOR
 Note: Permission of coordinator required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENSCI 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING, JUNIOR STANDING
 Note: Available for nonmajor graduate credit
 3386005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 13-MAY 9
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR MAJOR ONLY
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

WATERSHED MANAGEMENT ENSCI 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 2830005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 13-MAY 9
 2830010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 13-MAY 9

APP GRNDWTR FLW MOD ENSCI 414 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 Note: Available for nonmajor graduate credit
 3068005 MW 2:10-3:00 SIMPKINS W
 W 3:10-5:00
 MEETS: JAN 13-MAY 9

AIR POLLUT AIR QUAL ENSCI 424A 1 CREDIT
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1469005 1 TR 9:30-10:50
 MEETS: JAN 14-FEB 13

AIR POLLUT &CLIMATE ENSCI 424B 1 CREDIT
 Prereq: ENSCI 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1522005 1 TR 9:30-10:50
 MEETS: FEB 18-MARCH 27

AIR POLLU&TRANSPRTN ENSCI 424C 1 CREDIT
 Prereq: ENSCI 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1543005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

AIR POLLUT TREATMNT ENSCI 424D 1 CREDIT
 Prereq: ENSCI 424B, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1601005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

AIR POLLUT AG SOURC ENSCI 424E 1 CREDIT
 Prereq: ENSCI 424B, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1603005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

STABLE ISOTOPES ENV ENSCI 426 3 CREDITS
 Prereq: 4 COURSES IN BIOLOGICAL OR PHYSICAL SCI
 Note: Available for nonmajor graduate credit
 6844005 TR 9:30-10:50 WANAMAKER A
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$75.00

GIS&GPS NAT RESOURC ENSCI 446 3 CREDITS
 Prereq: 12 CR IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH ARCGIS
 3033005 1 TR 8:00-8:50 WOLTER P
 T 12:10-3:00 WOLTER P
 MEETS: JAN 13-MAY 9
 3033010 2 TR 8:00-8:50 WOLTER P
 R 12:10-3:00 WOLTER P
 MEETS: JAN 13-MAY 9
 3033015 3 TR 8:00-8:50 WOLTER P
 W 10:00-1:00 WOLTER P
 MEETS: JAN 13-MAY 9
 3033020 4 TR 8:00-8:50 WOLTER P
 M 10:00-1:00 WOLTER P
 MEETS: JAN 13-MAY 9

SOIL FORMATN&LANDSC ENSCI 463 4 CREDITS
 Prereq: AGRON 154 OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 1935010 1 TR 10:00-10:50 BURRAS C
 T 2:10-5:00 BURRAS C
 ARRANGED
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY ENSCI 490 VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, APPROVAL OF ENVIRONMENTAL SCIENCE COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY ENSCI 490H VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, APPROVAL OF ENVIRONMENTAL SCIENCE COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN ENSCI 498 R CREDIT
 Prereq: PERMISSION OF ENSCI COORDINATOR
 6276005 ARRANGED
 MEETS: JAN 13-MAY 9

GLOBAL CHANGE ENSCI 504 3 CREDITS
 Prereq: 4 COURSES IN PHYSICL OR BIOL SCI OR ENGR; JUNIOR, SENIOR, OR GRAD STANDING
 Note: RESTICTED TO GE AT, EEOB MAJORS ONLY
 4428005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 13-MAY 9

WATERSHED MANAGEMNT ENSCI 507 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 3868005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 13-MAY 9
 3868010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 13-MAY 9

APP GRNDWTR FLW MOD ENSCI 514 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 3120005 MW 2:10-3:00 SIMPKINS W
 W 2:10-5:00
 MEETS: JAN 13-MAY 9

WTR POLL CNTRL PROC ENSCI 522 3 CREDITS
 Prereq: C E 521
 4517005 1 TR 9:00-10:50
 ARRANGED
 MEETS: JAN 13-MAY 9

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 TR 9:30-10:50
 MEETS: JAN 14-FEB 13

AIR POLLUT &CLIMATE ENSCI 524B 1 CREDIT
 Prereq: ENSCI 524A; PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2144005 1 TR 9:30-10:50
 MEETS: FEB 18-MARCH 27

AIR POLLU&TRANSPRTN ENSCI 524C 1 CREDIT
 Prereq: ENSCI 524A; PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2535005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

AIR POLLUT TREATMNT ENSCI 524D 1 CREDIT
 Prereq: ENSCI 524B; PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2645005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

AIR POLLUT AG SOURC ENSCI 524E 1 CREDIT
 Prereq: ENSCI 524B; PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2704005 1 TR 9:30-10:50
 MEETS: MARCH 31-MAY 1

STABLE ISOTOP&ENVIR ENSCI 526 3 CREDITS
 Prereq: 4 COURSES IN PHYSICAL OR BIOL SCIENCE
 3178005 TR 9:30-10:50 WANAMAKER A
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$75.00

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 WOLTER P
 T 12:10-3:00 WOLTER P
 MEETS: JAN 13-MAY 9
 4698010 2 TR 8:00-8:50 WOLTER P
 R 12:10-3:00 WOLTER P
 MEETS: JAN 13-MAY 9
 4698015 3 TR 8:00-8:50 WOLTER P
 W 10:00-1:00 WOLTER P
 MEETS: JAN 13-MAY 9

ENVIRONMENTAL SCIENCE (CONTINUED)

ENVIRONMENTAL STUDIES (CONTINUED)

INTEGRATING GIS&GPS ENSCI 546 3 CREDITS
 4698020 4 TR 8:00-8:50 WOLTER P
 M 10:00-1:00 WOLTER P
 MEETS: JAN 13-MAY 9

SOIL FORMATN&LANDSC ENSCI 563 4 CREDITS
 Prereq: AGRON 154 OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 563 OR
 IA LL/AGRON/ENSCI 563I BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 3244010 1 TR 10:00-10:50 BURRAS C
 T 2:10-5:00 BURRAS C
 ARRANGED
 MEETS: JAN 13-MAY 9

WETLAND ECOLOGY ENSCI 564 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 1238005 TR 4:10-5:25
 MEETS: JAN 13-MAY 9

SURFC WTR HYDROLOGY ENSCI 571 3 CREDITS
 Prereq: C E 372
 4567005 1 WF 1:10-2:30
 MEETS: JAN 13-MAY 9

SOIL PHYSICS ENSCI 577 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 AND MATH 166
 7360005 MWF 10:00-10:50 HORTON R
 MEETS: JAN 13-MAY 9

LAB MTHD SOIL PHYSC ENSCI 578 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN ENSCI 577
 7362005 M 1:10-4:00 HORTON R
 MEETS: JAN 13-MAY 9

ANALYS ENVIRNM SYST ENSCI 582 3 CREDITS
 Prereq: ENSCI 581
 6285005 1 MW 1:10-2:00
 M 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: Department permission required.
 6285010 2 MW 1:10-2:00 CASTELLANO M
 W 2:10-4:00 CASTELLANO M
 MEETS: JAN 13-MAY 9
 Note: Department permission required.

ECOSYSTEM ECOLOGY ENSCI 584 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOLOGY AND CHEM
 5036005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

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 13-MAY 9

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 SPRING
 2013
 3418005 A MWF 10:00-10:50 CAISSIE B
 MEETS: JAN 13-MAY 9
 3418600 XW ARRANGED ANKERSTJERNE S
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

GEOLOGICL DISASTERS ENV S 111 1 CREDIT
 9170005 TR 9:30-10:20 ANKERSTJERNE S
 MEETS: MARCH 10-MAY 9
 9170600 XW ARRANGED HARDING C
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

INTR RENEW RESOURCS ENV S 120 3 CREDITS
 5141005 MWF 12:10-1:00 HALL R
 MEETS: JAN 13-MAY 9
 5141600 XW ARRANGED HALL R
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

NAT RESOURCES &AGRI ENV S 130 3 CREDITS
 2836005 MWF 9:00-9:50 ISENHART T
 MEETS: JAN 13-MAY 9

WORLD WATER RESOURC ENV S 160 3 CREDITS
 6343005 MWF 9:00-9:50 FRANZ K
 MEETS: JAN 13-MAY 9

ENVIRONMNTL BIOLOGY ENV S 173 3 CREDITS
 2022005 1 ARRANGED PLEASANTS J
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://www.elo.iastate.edu/biology-courses-information/>
 2022010 2 TR 12:40-2:00 VALENZUELA M
 MEETS: JAN 13-MAY 9
 2022600 XW ARRANGED PLEASANTS J
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

BIODIVERSITY ENV S 204 2 CREDITS
 Prereq: ONE COURSE IN LIFE SCIENCES
 3909005 TR 9:00-10:50
 MEETS: MARCH 10-MAY 9

GLOBLIZTN &SUSTAINB ENV S 220 3 CREDITS
 Note: Meets international perspectives reqmt
 3862005 1 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 13-MAY 9

SOILS&ENVI R QUALITY ENV S 260 3 CREDITS
 5508005 1 MWF 12:10-1:00 BURRAS C
 MEETS: JAN 13-MAY 9

ENERGY &THE ENVIRON ENV S 324 3 CREDITS
 Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD
 CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
 7863005 1 MWF 11:00-11:50 SIMPKINS W
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 1733010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 13-MAY 9
 Note: SEC. 2 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 1733015 3 TR 2:10-3:30 ZDORKOWSKI G
 MEETS: JAN 13-MAY 9
 1733020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 13-MAY 9
 Note: SEC. 4 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 1733600 XW ARRANGED FORD C
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

LIT AND THE ENVIRON ENV S 355 3 CREDITS
 Prereq: ENGL 250
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 Available for nonmajor graduate credit
 5510005 A1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 5510010 A2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

ENVI R &RESOURC ECON ENV S 380 3 CREDITS
 Prereq: ECON 101
 7578005 1 TR 11:00-12:20 HENNESSY H
 MEETS: JAN 13-MAY 9

ENVIRONMNTL SOCIOL ENV S 382 3 CREDITS
 Prereq: SOC 130, SOC 134, OR 3 CREDITS OF ENV S
 Note: SEC A1,B1 RESTRICTED TO SOC, P S A MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN SOC, P S A
 7579005 A1 MWF 9:00-9:50 CARTER A
 MEETS: JAN 13-MAY 9
 7579010 A2 MWF 9:00-9:50 CARTER A
 MEETS: JAN 13-MAY 9

INTERNSH ENVI R STDI ENV S 390 VAR. CREDITS
 Prereq: APPROVAL OF THE ENV S COORDINATOR
 Note: COURSE OFFERED FOR 1-4 CREDITS SPRING 2011.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL STUDIES

(CONTINUED)

FAMILY&CONSUMER SCIENCES ED&STUDIES

GLOBAL CHANGE ENV S 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING
 Note: COURSE RESTRICTED TO GE AT MAJORS ONLY
 Available for nonmajor graduate credit
 8673005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 13-MAY 9
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR MAJOR ONLY
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

WATERSHED MANAGEMENT ENV S 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 5143005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 13-MAY 9
 5143010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 13-MAY 9

CONTRV NAT RSRC MGT ENV S 460 3 CREDITS
 Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 2880005 1 TR 11:00-12:20 HALL R
 MEETS: JAN 13-MAY 9

SUSTAINABLE COMMUNT ENV S 484 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7275005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY ENV S 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF ENV S COORDINATOR
 Note: COURSE OFFERED FOR 1-3 CREDITS SPRING 2013.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EVENT MANAGEMENT

INTRO EVENT MANAGMT EVENT 271 3 CREDITS
 Prereq: HRI 101
 4556005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO EVENT MAJORS ONLY
 4556010 2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC 2 RESTRICTED TO AMDP HRI AND HSP M MAJORS ONLY
 4556015 3 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC 3 FOR MAJORS OTHER THAN A M D, AMDP, HRI, HSP M, T C.

CNTMP CLUB OPERATNS EVENT 289 2 CREDITS
 Prereq: HRI 101
 1429005 M 2:10-3:50
 MEETS: JAN 13-MAY 9

ENTERTNMT VENUE MGT EVENT 333X 3 CREDITS
 Prereq: EVENT 271 OR EQUIVALENT
 9173005 W 5:10-8:00PM
 MEETS: JAN 13-MAY 9

CONFRNC&MTG PLANNNG EVENT 371 3 CREDITS
 Prereq: EVENT 271, MAJOR OR MINOR IN EVENT
 1350005 1A MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO A M D, AMDP, HRI, HSP M, T C MAJORS ONLY
 1350010 1B MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1B RESTRICTED TO EVENT MAJOR ONLY
 1350015 1C MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1C RESTRICTED TO EVENT MAJOR ONLY

WEDDING PLANNING EVENT 373X 3 CREDITS
 Prereq: AESHM 111, EVENT 371
 Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
 9481005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

SPCIAL EVENTS COORD EVENT 471 1- 3 CREDITS
 Prereq: EVENT 371; APPLICATION AND INSTRUCTOR PERMISSION REQUIRED FOR SPRING ENROLLMENT; FORM AVAILABLE FROM THE AESHM DEPARTMENT OFFICE
 Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
 4612005 1A MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY
 4612010 1B MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT MAJORS.

PRE-TCHG PRCTCM:LAB FCEDS 280A 1 CREDIT
 Prereq: ADMISSION TO TEACHER EDUCATION
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2013
 Satisfactory-Fail Only.
 9460005 ARRANGED
 MEETS: JAN 13-MAY 9

PRE-TCHG PRA:DV SET FCEDS 280B 1 CREDIT
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2013
 Satisfactory-Fail Only.
 9484005 A ARRANGED
 MEETS: JAN 13-MAY 9

PLAN&ASESMT FMLY ED FCEDS 413 4 CREDITS
 Prereq: FCEDS 306
 3985005 TR 1:10-4:50
 MEETS: JAN 13-MAY 9

SUPR TCHG VOC FAMLV FCEDS 417A 3- 8 CREDITS
 Prereq: FCEDS 413, 24 CR IN FAMILY & CONSUMER SCI SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 3987005 1 ARRANGED
 MEETS: JAN 13-MAY 9

SUPV TCHG FAMLV SCI FCEDS 417B 3- 8 CREDITS
 Prereq: FCEDS 413, 24 CR IN FAMILY & CONSUMER SCI SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 3988005 1 ARRANGED
 MEETS: JAN 13-MAY 9

OCCUPATN,TECH PROGS FCEDS 418 3 CREDITS
 Prereq: FCEDS 206; 400 HOURS EMPLOYMENT IN A FAMILY AND CONSUMER SCIENCES RELATED FIELD
 3980600 XW ARRANGED STANGE L
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

SUPV EXPRNC COMMUNC FCEDS 491A 3- 8 CREDITS
 Prereq: HD FS 449; 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED
 2261005 ARRANGED
 MEETS: JAN 13-MAY 9

SUPV EXPRNC PRO STU FCEDS 491B 3- 8 CREDITS
 Prereq: HD FS 449; 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED
 2272005 ARRANGED
 MEETS: JAN 13-MAY 9

OCCUPATN,TECH PROGS FCEDS 518 3 CREDITS
 Prereq: FCEDS 206; 400 HOURS EMPLOYMENT IN A FAMILY AND CONSUMER SCIENCES RELATED FIELD.
 3214600 XW ARRANGED STANGE L
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

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

FAMILY FINANCIAL PLANNING

FAMILY SYSTEMS FFP 520 3 CREDITS
 8201600 XG ARRANGED
 MEETS: JAN 13-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FFP PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

FUND FAMILY FINANCI FFP 530 3 CREDITS
 8202600 XG ARRANGED
 MEETS: JAN 13-MAY 5
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FFP PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

FAMILY FINANCIAL PLANNING (CONTINUED)

ESTATE PLAN FAMILIE FFP 540 3 CREDITS
 8212600 XG ARRANGED
 MEETS: JAN 8-MAY 2
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

INSURNC PLAN FAMILI FFP 555 3 CREDITS
 8216600 XG ARRANGED
 MEETS: JAN 13-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

PERSONAL INCOME TAX FFP 565 3 CREDITS
 8203600 XG ARRANGED
 MEETS: JAN 21-MAY 8
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

PRO PRACTC FIN PLAN FFP 570 3 CREDITS
 8217600 XG ARRANGED
 MEETS: JAN 21-MAY 16
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

INVESTG&FAMLY FUTUR FFP 583 3 CREDITS
 Prereq: HD FS 483
 8208605 XF ARRANGED FOX J
 MEETS: JAN 13-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

8208610 XH ARRANGED FOX J
 MEETS: JAN 13-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

PRACTICUM FFP 591 3- 6 CREDITS
 6273600 XF ARRANGED BARTHOLOMAE S
 MEETS: JAN 13-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

FAMILY FINANCIAL PLANNING (CONTINUED)

FINAN PLN CASE STUD FFP 595 3 CREDITS
 Prereq: FFP 530, FFP 540, FFP 545, FFP 555, FFP 565, FFP 583
 8218600 XG ARRANGED
 MEETS: JAN 21-MAY 16
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

FINANCE

PRINCIPL OF FINANCE FIN 301 3 CREDITS
 Prereq: ACCT 284, ECON 101, STAT 226
 Note: SEC A1,B1,ETC RESTRICTED TO BUSINESS COLLEGE, AG B, AN S & DY S UNDERGRAD MAJORS. SEC A2,B2,ETC FOR ALL OTHER COLLEGES. NOT OPEN TO P BUS MAJORS CONCURRENT ENROLLMENT OR PRIOR CREDIT IN SCM 301 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370 AND MKT 340.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 3689005 A1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370, MKT 340.
 3689010 A2 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 3689015 B1 TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 Note: NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370, MKT 340.
 3689020 B2 TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 3689025 C1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 3689030 C2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 3689035 D1 TR 2:10-3:25
 MEETS: JAN 13-MAY 9
 3689040 D2 TR 2:10-3:25
 MEETS: JAN 13-MAY 9
 3689045 E1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 3689050 E2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 3689055 F1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 3689060 F2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 3689065 G1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 3689070 G2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 3689075 J1 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 3689080 J2 TR 3:40-5:00
 MEETS: JAN 13-MAY 9

CORPORATE FINANCE FIN 310 3 CREDITS
 Prereq: FIN 301
 Note: SEC A1,B1,ETC RESTRICTED TO FINANCE MAJORS. SEC A2,B2,ETC FOR BUSINESS MAJORS ONLY. NOT OPEN TO P BUS MAJORS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 3691005 A1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 3691010 A2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 3691015 B1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 3691020 B2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 3691025 C1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 3691030 C2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 3691035 D1 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 9
 3691040 D2 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 9

INVESTMENTS FIN 320 3 CREDITS
 Prereq: FIN 301
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY. SEC A2,B2,ETC FOR ACCT, BUS S, BUS U, I BUS, BUSEC, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY.
 3692005 A1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 3692010 A2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 3692015 B1 TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 3692020 B2 TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 3692025 C1 TR 3:40-5:00
 MEETS: JAN 13-MAY 9

FINANCE (CONTINUED)

FINANCE (CONTINUED)

INVESTMENTS FIN 320 3 CREDITS
 3692030 C2 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 3692035 D1 TR 2:10-3:25
 MEETS: JAN 13-MAY 9
 3692040 D2 TR 2:10-3:25
 MEETS: JAN 13-MAY 9

FIXD INCOME SECURTI FIN 327 3 CREDITS
 Prereq: FIN 301
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY.
 Available for nonmajor graduate credit
 8796005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9

FINAN MKTS&INSTITUT FIN 330 3 CREDITS
 Prereq: FIN 301
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY.
 SEC A2,B2,ETC RESTRICTED TO BUS MAJORS EXCEPT FIN,
 P BUS. GRADUATE STUDENTS SEE 1200 GERDIN FOR
 PERMISSION.
 6829005 A1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 6829010 A2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 6829015 B1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 6829020 B2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

PERSNL RISK MGT&INS FIN 361 3 CREDITS
 Prereq: ECON 101
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY.
 3693005 A1 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 3693010 A2 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS.

REAL ESTATE PRINCIP FIN 371 3 CREDITS
 Prereq: ECON 101
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY.
 SEC A2,B2,ETC RESTRICTED TO BUS MAJORS EXCEPT FIN,
 P BUS.
 3690005 A1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 3690010 A2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 3690015 B1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9
 3690020 B2 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9

BUS FINANCG DECISNS FIN 415 3 CREDITS
 Prereq: FIN 301 AND STAT 326
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY. GRADUATE
 STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit
 3698005 A1 T 6:40-9:25PM
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 3698010 A2 T 6:40-9:25PM
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

FIN FUTURES&OPTIONS FIN 424 3 CREDITS
 Prereq: FIN 320 AND STAT 326
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit
 3697005 A1 TR 2:10-3:25
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 3697010 A2 TR 2:10-3:25
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

SECUR ANALY&PORTFOL FIN 425 3 CREDITS
 Prereq: FIN 320, STAT 326 AND PERMISSION OF
 INSTRUCTOR
 7201005 A1 R 6:40-9:25PM
 MEETS: JAN 13-MAY 9
 Note: A1 RESTRICTED TO FIN MAJORS ONLY
 College permission required - go to
 1200 Gerdin.

ADV FIXD INCM ANALY FIN 428 3 CREDITS
 Prereq: FIN 327, FIN 320, STAT 326 AND PERMISSION
 OF THE INSTRUCTOR
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit
 7492005 A1 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 7492010 A2 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

VENTURE CAPTL, MERGR FIN 435 3 CREDITS
 Prereq: FIN 310, FIN 320, STAT 326, INSTRUCTOR
 PERMISSION
 Note: Available for nonmajor graduate credit
 8935005 TR 8:00-9:15
 MEETS: JAN 13-MAY 9

BANK MGT DECISIONS FIN 445 3 CREDITS
 Prereq: STAT 326 AND FIN 330
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit
 3696005 A1 T 6:40-9:25PM
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 3696010 A2 T 6:40-9:25PM
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

CORPOR RISK MGT&INS FIN 462 3 CREDITS
 Prereq: FIN 301 AND STAT 326
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit
 9268005 A1 TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 9268010 A2 TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

REAL ESTATE FINANCE FIN 472 3 CREDITS
 Prereq: FIN 301 AND STAT 326
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit
 4555005 A1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY.
 4555010 A2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

INTRNATIONAL FINANCE FIN 480 3 CREDITS
 Prereq: FIN 301 AND STAT 326
 Note: SEC A1, B1 RESTRICTED TO FIN AND I BUS MAJORS
 ONLY. SE A2, B2 FOR MAJORS OTHER THAN FIN OR P BUS
 Available for nonmajor graduate credit
 5131005 A1 TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 5131010 A2 TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

INDEPENDENT STUDY FIN 490 1- 3 CREDITS
 Prereq: FIN 301, STAT 326 AND PERMISSION OF
 INSTRUCTOR
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BANKING INTERNSHIP FIN 499A 1- 3 CREDITS
 Prereq: GPA 2.5; PERMISSION OF INTERNSHIP
 COORDINATOR; STAT 326
 Satisfactory-Fail Only.
 9403005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: College permission required to add during
 1st week. Go to 1200 Gerdin.

INSURANCE INTERNSHP FIN 499B 1- 3 CREDITS
 Prereq: FIN 361; STAT 326; GPA 2.5; PERMISSION OF
 INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 9555005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: College permission required to add during
 1st week. Go to 1200 Gerdin.

INTERNS REAL ESTATE FIN 499C 1- 3 CREDITS
 Prereq: FIN 301 PLUS 3 ADDL CREDITS IN FINANCE;
 STAT 326; GPA 2.5; PERMISSN OF INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 3098005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: College permission required to add during
 1st week. Go to 1200 Gerdin.

INTERNSHIP INVESTMT FIN 499D 1- 3 CREDITS
 Prereq: FIN 320, STAT 326, GPA 2.5, PERMISSION OF
 INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 6516005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: College permission required to add during
 1st week. Go to 1200 Gerdin.

FINANCE

(CONTINUED)

INTERNSHP:CORPORATE FIN 499E 1- 3 CREDITS
 Prereq: FIN 310, STAT 326, GPA 2.5, PERMISSION OF
 INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 2736005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: College permission required - go to
 1200 Gerdin.

FIN VALU&CORP DECIS FIN 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 9124005 A M 8:30-11:50
 MEETS: JAN 13-APRIL 7
 Note: SEC A RESTRICTED TO BUSAD GRADS ONLY
 9124605 XA M 5:50-9:10PM BROWN J
 MEETS: JAN 13-APRIL 7
 Note: NON BUSINESS GRADUATE STUDENTS CONTACT
 BUSGRAD@IASTATE.EDU.
 Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by DES MOINES
 9124600 XE ARRANGED BROWN J
 MEETS: JAN 13-APRIL 7
 Note: RESTRICTED TO IMSE MAJORS ONLY.
 Section XE is off campus
 Course delivery is WWW

CASE STU FIN DECISN FIN 515 3 CREDITS
 Prereq: FIN 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7163005 A M 6:00-9:20PM
 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 & 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 BOYLSTON T
 MEETS: JAN 13-MAY 9
 3659600 XW ARRANGED GOLDMAN J
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

SPORT PERFRMC NUTRI FS HN 102X 1 CREDIT
 Satisfactory-Fail Only.
 9367005 1 MW 9:00-9:50 BURNHAM M
 MEETS: JAN 13-MARCH 7

INTRO CULINRY SKLLS FS HN 104 1 CREDIT
 Note: COURSE RESTRICTED TO CS A, CS H MAJORS ONLY
 8416005 1 ARRANGED BEIRMAN E
 MEETS: JAN 13-MAY 9

PROFESSNL&EDUC PREP FS HN 110 1 CREDIT
 Satisfactory-Fail Only.
 3661005 TR 2:10-3:00 DEATON M
 MEETS: JAN 13-MARCH 7
 3661010 2 TR 2:10-3:00 KARGOL A
 MEETS: JAN 13-MARCH 7

FUND OF FOOD PREPAR FS HN 111 2 CREDITS
 Prereq: FS HN 101 OR FS HN 167; HIGH SCHOOL
 CHEMISTRY OR CHEM 160; CONCURRENT ENROLLMENT IN FS HN
 115.
 Note: COURSE RESTRICTED TO EVENT, HRI, HSP M, FCEDS,
 NS A AND NS H MAJORS ONLY
 3602005 1 MW 9:00-9:50 KINMAN L
 MEETS: JAN 13-MAY 9

DEV LEARNRS&LEADERS FS HN 114 2 CREDITS
 Prereq: NREM 112
 8117005 1 W 9:00-10:50 WIERSEMA J
 MEETS: JAN 13-MAY 9
 8117010 2 W 4:10-6:00PM
 MEETS: JAN 13-MAY 9

FOOD PREPARATN LAB FS HN 115 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 111 OR
 FS HN 214
 Note: COURSE RESTRICTED TO CS A, CS H, DIETA, DIETH,
 EVENT, FCEDS, FS A, FS H, HRI, HSP M, PDEXA, PDEXH
 NS A, NS H MAJORS ONLY
 2922005 1 M 2:10-5:00 PRUSA K
 MEETS: JAN 13-MAY 9
 2922010 2 W 2:10-5:00 GOLDMAN J
 MEETS: JAN 13-MAY 9
 2922015 3 T 9:00-11:50 BEIRMAN E
 MEETS: JAN 13-MAY 9
 2922020 4 R 9:00-11:50 BEIRMAN E
 MEETS: JAN 13-MAY 9
 2922025 5 F 9:00-11:50 GOLDMAN J
 MEETS: JAN 13-MAY 9

FOOD SCIENCE & HUMAN NUTRITION

(CONTINUED)

INTRO HUMAN NUTRITN FS HN 167 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
 3600005 1 MWF 8:00-8:50 MARTIN R
 MEETS: JAN 13-MAY 9
 3600600 XW ARRANGED MARTIN R
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

ISSU FOOD SCI&NUTRI FS HN 203 1 CREDIT
 8685005 1 M 12:10-1:00 HENDRICH S
 MEETS: JAN 13-MAY 9
 8685010 2 R 8:00-8:50 FORD C
 MEETS: JAN 13-MAY 9
 8685015 3 F 3:10-4:00 HOLLIS J
 MEETS: JAN 13-MAY 9
 8685020 4 W 12:10-1:00 ACEVEDO N
 MEETS: JAN 13-MAY 9

SCIENTIF STUDY FOOD FS HN 214 3 CREDITS
 Prereq: FS HN 167 OR FS HN 265; CHEM 231 OR CHEM
 331
 3603005 1 MWF 1:10-2:00 SVENDSEN L
 MEETS: JAN 13-MAY 9

ADV FOOD PREPAR LAB FS HN 215 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN FS HN 214
 Note: COURSE RESTRICTED TO CS A, CS H, DIETA, DIETH, FS
 A, FS H NS A, NS H MAJORS ONLY
 2928005 1 TR 9:00-11:50 SVENDSEN L
 MEETS: JAN 13-MAY 9
 2928010 2 TR 1:10-4:00 SVENDSEN L
 MEETS: JAN 13-MAY 9

SOCIE IMPCTS FD SYS FS HN 242 3 CREDITS
 2950005 TR 11:00-12:20 MACDONALD R
 MEETS: JAN 13-MAY 9

INTRO CONTRVRSI SCI FS HN 260X 3 CREDITS
 9643005 TR 9:30-10:45 BLODGETT S
 MEETS: JAN 13-MAY 9

NUTRI ACTIV LIFSTYL FS HN 265 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN BBMB 301
 OR CREDIT IN FS HN 264
 6232005 1 MWF 10:00-10:50 ROWLING M
 MEETS: JAN 13-MAY 9

DAIRY PRODUCTS ISSU FS HN 308 3 CREDITS
 2288005 1 TR 2:10-3:30 CLARK S
 MEETS: JAN 13-MAY 9

FOUNDN CULINRY SCI FS HN 314 1 CREDIT
 Prereq: FS HN 104 OR CONCURRENT ENROLLMENT IN
 FS HN 104.
 8446005 1 W 9:00-9:50 BEIRMAN E
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 1923010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 13-MAY 9
 Note: SEC. 2 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 1923015 3 TR 2:10-3:30 ZDORKOWSKI G
 MEETS: JAN 13-MAY 9
 1923020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 13-MAY 9
 Note: SEC. 4 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 1923600 XW ARRANGED FORD C
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

INTR FOOD ENGR CNCP FS HN 351 3 CREDITS
 Prereq: A COURSE IN CALCULUS AND PHYSICS (PHYS
 111 OR PHYS 115)
 Note: Available for nonmajor graduate credit
 7085005 1 MWF 8:00-8:50 WEN Z
 MEETS: JAN 13-MAY 9

NUTRI&HEALTH ASESMT FS HN 361 2 CREDITS
 Prereq: FS HN 265; 3 CREDITS IN STATISTICS; 3
 CREDITS IN PHYSIOLOGY RECOMMENDED
 Note: COURSE RESTRICTED TO DIETA, DIETH, NS A, NS H,
 PDEXA, PDEXH MAJORS ONLY
 Available for nonmajor graduate credit
 3608005 1 T 1:10-2:00 LANNINGHAM-POSTE
 R 1:10-4:00
 MEETS: JAN 13-MAY 9
 3608010 2 T 1:10-2:00 MARTIN R
 R 9:30-12:30
 MEETS: JAN 13-MAY 9

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

NUTRIT GROWTH & DEV FS HN 362 3 CREDITS
 Prereq: FS HN 360; CREDIT OR ENROLLMENT IN A COURSE IN PHYSIOLOGY
 Note: COURSE RESTRICTED TO DIETA, DIETH, NS A. NS H, PDEXA, PDEXH MAJORS ONLY
 Available for nonmajor graduate credit
 7271005 1 MWF 2:10-3:00 REDDY M
 MEETS: JAN 13-MAY 9

OBESITY & WEIGHT MGT FS HN 365 3 CREDITS
 2978005 MWF 9:00-9:50 LANNINGHAM-FOSTE
 MEETS: JAN 13-MAY 9

COMMUNCT NUTRI MSGS FS HN 366 3 CREDITS
 Prereq: FS HN 167 OR FS HN 265
 1553005 TR 9:30-10:50 LITCHFIELD R
 MEETS: JAN 13-MAY 9

MED TERMNOL FOR PRO FS HN 367 1 CREDIT
 9487005 1 ARRANGED MARTIN R
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 9487600 XW ARRANGED MARTIN R
 MEETS: JAN 13-MAY 9
 Section XW is off campus
 Course delivery is WWW

INTR FOOD PROC&NUTR FS HN 375X 2 CREDITS
 9502005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 9502600 XW ARRANGED JUNG S
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

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 BREHM-STECHER B
 MEETS: JAN 13-MAY 9

FOOD QUAL ASSURANCE FS HN 405 3 CREDITS
 Prereq: FS HN 214 OR FS HN 471; STAT 101 OR STAT 104
 Note: Available for nonmajor graduate credit
 3667005 1 MF 1:10-2:00 WILSON L
 W 1:10-3:00
 MEETS: JAN 13-MAY 9
 3667010 2 MF 1:10-2:00 WILSON L
 W 10:00-11:50
 MEETS: JAN 13-MAY 9

SAFTY FOOD FROM ANI FS HN 407 3 CREDITS
 Prereq: MICRO 420
 1882005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

FOOD ANALYSIS FS HN 410 3 CREDITS
 Prereq: FS HN 214 OR FS HN 311 OR CHEM 211; TSM 115
 Note: Available for nonmajor graduate credit
 3668005 1 MW 10:00-10:50 WANG T
 T 9:00-11:50 WANG T
 MEETS: JAN 13-MAY 9
 3668010 2 MW 10:00-10:50 WANG T
 R 9:00-11:50 ACEVEDO N
 MEETS: JAN 13-MAY 9

FOOD INGRED INTERAC FS HN 411 2 CREDITS
 Prereq: FS HN 214 OR FS HN 311 AND FS HN 115, FS HN 215 OR FS HN 311L.
 Note: Available for nonmajor graduate credit
 3613005 1 F 8:00-8:50 KINMAN L
 F 9:00-11:50 KINMAN L
 MEETS: JAN 13-MAY 9
 3613010 2 F 8:00-8:50 KINMAN L
 F 2:10-5:00 KINMAN L
 MEETS: JAN 13-MAY 9
 3613015 3 F 8:00-8:50 KINMAN L
 F 9:00-11:50 BOYLSTON T
 MEETS: JAN 13-MAY 9

FOOD PRODUCT DEVELP FS HN 412 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411, FS HN 471
 Note: Available for nonmajor graduate credit
 3618005 1 T 1:10-2:00 PRUSA K
 TR 2:10-5:00 WILSON L
 MEETS: JAN 13-MAY 9
 3618010 2 T 1:10-2:00 PRUSA K
 TR 2:10-5:00 WILSON L
 MEETS: JAN 13-MAY 9

FOODBORNE HAZARDS FS HN 419 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302, A COURSE IN BIOCHEMISTRY
 Note: CREDIT FOR EITHER FS HN/TOX/MICRO 419 OR FS HN/NUTRS/TOX 519, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 8419005 MWF 11:00-11:50 HENDRICH S
 MEETS: JAN 13-MAY 9

MED NUTRI&DISEAS II FS HN 464 3 CREDITS
 Prereq: FS HN 360, FS HN 461, 3 CREDITS IN PHYSIOLOGY AT 300 LEVEL OR ABOVE
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014.
 4599005 1 TR 9:30-10:50 CAMPBELL C
 MEETS: JAN 13-MAY 9

NUTR COUNS&ED METHD FS HN 466 3 CREDITS
 Prereq: FS HN 361, FS HN 362
 3616005 1 MW 9:00-10:50 BASSLER E
 MEETS: JAN 13-MAY 9

MOLEC NU&DISEAS PRV FS HN 467 3 CREDITS
 Prereq: FS HN 360 OR EQUIVALENT
 3014005 TR 2:10-3:30 WHITE W
 MEETS: JAN 13-MAY 9

FOOD PROCESSING II FS HN 472 3 CREDITS
 Prereq: FS HN 351 OR A E 451 OR CH E 357.
 3666005 MW 9:00-9:50 LAMSAL B
 F 9:00-11:50 JUNG S
 MEETS: JAN 13-MAY 9

PRO COMM FD SC&NUTR FS HN 480 1 CREDIT
 Prereq: FS HN 203, SENIOR CLASSIFICATION IN THE DEPARTMENT
 3611005 1 MW 12:10-1:00 SCHALINSKE K
 MEETS: JAN 13-MARCH 7
 3611010 2 MW 12:10-1:00 HOLLIS J
 MEETS: JAN 13-MARCH 7
 3611015 3 M 12:10-1:00 LAMSAL B
 MEETS: JAN 13-MAY 9

ISSUES FOOD SAFETY FS HN 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
 8347005 MW 2:10-3:00 RAJAGOPAL L
 MEETS: JAN 13-MARCH 7

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

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

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

PRACTICUM FS HN 495 2 CREDITS
 Prereq: SENIOR CLASSIFICATION IN NUTRITIONAL SCIENCE - NUTRITION AND WELLNESS OPTION OR PERMISSION OF INSTRUCTOR; FS HN 366; CREDIT OR ENROLLMENT IN FS HN 463
 3048005 1 ARRANGED HENDRICH S
 MEETS: JAN 13-MAY 9

UNDERGRAD RESEARCH FS HN 499 1- 6 CREDITS
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK
 Note: NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SAFTY FOOD FROM ANI FS HN 507 3 CREDITS
 Prereq: MICRO 420
 2196005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9

PRIN FOOD SCI--CHEM FS HN 511 2 CREDITS
 Prereq: 3 CREDITS IN ORGANIC CHEMISTRY
 3606005 1 ARRANGED BOYLSTON T
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 3606600 XW ARRANGED BOYLSTON T
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmpttr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

FOOD PRODUCT DEVELP FS HN 512 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411, FS HN 471
 5580005 1 T 1:10-2:00 PRUSA K
 TR 2:10-5:00
 MEETS: JAN 13-MAY 9

PRIN FD SCI:PROCSSG FS HN 513 2 CREDITS
 Prereq: 3 CR EACH MATHEMATICS AND PHYSICS
 9540005 1 ARRANGED JUNG S
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 9540600 XW ARRANGED JUNG S
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmpttr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

PRIN FD SCI:MICROBI FS HN 514 2 CREDITS
 Prereq: 3 CR EACH MICROBIOL & ORGANIC CHEMISTRY
 3632005 1 ARRANGED MENDONCA A
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 3632600 XW ARRANGED MENDONCA A
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmpttr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

FOOD TOXICOLOGY FS HN 519 3 CREDITS
 Prereq: A COURSE IN BIOCHEMISTRY
 Note: CREDIT FOR EITHER FS HN/TOX/NUTRS 519 OR FS HN/TOX/MICRO 419, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 7758005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

MICROBIOLGY OF FOOD FS HN 521 2 CREDITS
 Prereq: MICROBIOLOGY WITH LAB; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
 4811600 XG ARRANGED
 MEETS: JAN 21-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SAFETY OVRVIEW FS HN 523 2 CREDITS
 Prereq: A COURSE IN BIOLOGY OR CHEMISTRY; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
 9441600 XG ARRANGED
 MEETS: JAN 21-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

PRINCIPLES OF HACCP FS HN 525 2 CREDITS
 Prereq: UNDERGRADUATE BIOLOGY AND CHEMISTRY COURSES; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE CERTIFICATE OR PERMISSION OF INSTRUCTOR
 9442600 XG ARRANGED
 MEETS: JAN 21-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

FERMNTD FOOD MICROB FS HN 527 2 CREDITS
 Prereq: FOOD MICROBIOLOGY; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
 7093600 XG ARRANGED
 MEETS: JAN 13-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

FOOD DEFENS CONCPPTS FS HN 528 2 CREDITS
 Prereq: ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR INSTRUCTOR PERMISSION
 9448600 XG ARRANGED
 MEETS: JAN 21-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

INTRO DNA TECHNIQS FS HN 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 7123005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 14-FEB 13

INTR PROTEIN TECHNQ FS HN 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 7124005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: FEB 18-MARCH 27

INTRO 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: APRIL 1-MAY 1

INTR METABLMCS TCNQ FS HN 542F 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 9017005 M 1:10-4:00, ARRANGED
 MEETS: FEB 10-APRIL 21

CLSRM STRAT NUTR ED FS HN 546X 3 CREDITS
 Prereq: SENIOR OR GRADUATE STUDENT STATUS
 9711600 XW ARRANGED BASSLER E
 MEETS: JAN 13-MAY 9
 Note: CONTACT TRISHA RITLAND FOR PERMISSION TO REGISTER AT 515-294-7925/TRITLAND@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XW is off campus
 Course delivery is WWW

DIETETC INTERNSHP I FS HN 554 5 CREDITS
 Prereq: FOR STUDENTS ENROLLED IN THE DIETETIC INTERNSHIP PROGRAM ONLY
 3050600 XW ARRANGED ANDERSON J
 MEETS: JAN 3-MAY 3
 Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER AT 515-294-7316/JANDERSON@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FORESTRY

DIETETC INTERNSH II FS HN 555 4 CREDITS
 Prereq: CONCURRENT ENROLLMENT OR SUCCESSFUL COMPLETION OF FS HN 554
 3055600 XW ARRANGED ANDERSON J
 MEETS: JAN 3-MAY 3
 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

FOOD PROCESSING II FS HN 572 3 CREDITS
 Prereq: FS HN 351 OR A E 451 OR CH E 357.
 5600005 MW 9:00-9:50 LAMSAL B
 F 9:00-11:50 JUNG S
 MEETS: JAN 13-MAY 9

SEMINAR FS HN 581 1 CREDIT
 Satisfactory-Fail Only.
 7974005 T 11:00-11:50 CLARK S
 MEETS: JAN 13-MAY 9

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

NUTRI ASPCT ONCOLGY FS HN 597X 3 CREDITS
 Prereq: B.S. IN NUTRITION, DIETETICS, BIOLOGY, OR RELATED DISCIPLINE
 9712005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

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

LIPID CHEM &APPLICA FS HN 612 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411 OR FS HN 502 OR BBMB 404
 3682005 MWF 9:00-9:50 WANG T
 MEETS: JAN 13-MAY 9

RAPID MTH FD MICROB FS HN 627 2 CREDITS
 Prereq: FS HN 420 OR FS HN 421 OR FS HN 504
 8350005 MW 1:10-2:00 BREHM-STECHER B
 MEETS: JAN 13-MAY 9
 8350600 XF ARRANGED BREHM-STECHER B
 MEETS: JAN 13-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
 Course delivery is WWW
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 8350605 XH ARRANGED BREHM-STECHER B
 MEETS: JAN 13-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 8350610 XW ARRANGED BREHM-STECHER B
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

SEMINAR FS HN 681 1 CREDIT
 3648005 W 4:10-5:00 HOLLIS J
 MEETS: JAN 13-MAY 9

SEMINAR REFLECTION FS HN 682 R CREDIT
 Satisfactory-Fail Only.
 9178005 1 W 4:10-5:00 ROWLING M
 MEETS: JAN 13-MAY 9

SPECIAL PROBLEMS FS HN 690 VAR. CREDITS
 Prereq: FS HN 502 OR FS HN 503 OR FS HN 504 OR FS HN 553 OR FS HN 554
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH FOOD SCI&TEC FS HN 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WOOD PROPERTIES &ID FOR 280 4 CREDITS
 1420005 A TR 9:30-10:50 STOKKE D
 T 12:10-3:00 STOKKE D
 MEETS: JAN 13-MAY 9

PESTICIDE APPL CERT FOR 283 2 CREDITS
 5219005 A MW 2:10-3:00 HOLSCHER K
 MEETS: JAN 13-MAY 9

SPL PROB LEADERSHIP FOR 290A 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB ECOSYS MGT FOR 290B 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PRB RESRC CNSRV FOR 290C 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB URB&COMMUN FOR 290D 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB WOOD SCIEN FOR 290E 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SILVICULTURE FOR 302 3 CREDITS
 Prereq: FOR 201
 Note: Available for nonmajor graduate credit
 3718005 A MF 2:10-3:00 HALL R
 W 2:10-5:00 HALL R
 MEETS: JAN 13-MAY 9

FOREST HERBAC LAYER FOR 358X 1 CREDIT
 Prereq: BIOL 212
 9574005 M 11:00-2:00 MCMULLEN C
 MEETS: MARCH 10-MAY 9

FOREST RESOURC ECON FOR 451 4 CREDITS
 Prereq: FOR 203, MATH 150
 Note: Available for nonmajor graduate credit
 3731005 A MWF 10:00-10:50 TYNDALL J
 M 3:10-6:00PM TYNDALL J
 MEETS: JAN 13-MAY 9

ECOSYSTEM MANAGEMNT FOR 452 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION, NREM 301 OR A ECL 312
 Note: Available for nonmajor graduate credit
 3732005 MW 1:10-2:00 SCHULTE-MOORE L
 F 11:00-2:00 SCHULTE-MOORE L
 MEETS: JAN 13-MAY 9

FORESTRY PRACTICUM FOR 454 3 CREDITS
 Prereq: 20 CREDITS IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 3734005 A F 9:00-9:50 SCHULTZ R
 MW 8:00-9:50 SCHULTZ R
 MEETS: JAN 13-MAY 9

DRYING WOOD&LIGNOCE FOR 486 3 CREDITS
 Prereq: FOR 280 OR TSM 240
 Note: Available for nonmajor graduate credit
 3738005 ARRANGED STOKKE D
 MEETS: JAN 13-MAY 9
 Note: Materials and equipment use fee \$50.00

PHYSCL PROP OF WOOD FOR 487 4 CREDITS
 Prereq: FOR 280
 Note: Available for nonmajor graduate credit
 3724005 MW 11:00-11:50 KUO M
 M 3:10-6:00PM KUO M
 MEETS: JAN 13-MAY 9

CR COMP FOR BIOLOGY FOR 599A 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOMTRY FOR 599B 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FO&REC ECON FOR 599C 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR MGT&ADM FOR 599D 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

(CONTINUED)

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 13-MAY 9

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: FRNCH 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 13-MAY 9
 3804010 2 MTWR 11:00-11:50
 MEETS: JAN 13-MAY 9
 3804015 3 MTWR 9:00-9:50
 MEETS: JAN 13-MAY 9

INTERMED FRENCH II FRNCH 202 4 CREDITS
 Prereq: FRNCH 202
 Note: Meets international perspectives reqmt
 3809005 1 MTWR 9:00-9:50
 MEETS: JAN 13-MAY 9
 3809010 2 MTWR 11:00-11:50
 MEETS: JAN 13-MAY 9

READ &WRITNG FRENCH FRNCH 302 3 CREDITS
 Prereq: FRNCH 301
 6543005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 6543010 2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

FRANCE TODAY FRNCH 320 3 CREDITS
 Prereq: FRNCH 202
 Note: Meets international perspectives reqmt
 2907005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

STUDIES FR ART&FILM FRNCH 326 3 CREDITS
 Prereq: FRNCH 302 OR CONCURRENT ENROLLMENT IN FRNCH 302
 6544005 MW 3:10-5:00
 MEETS: JAN 13-MAY 9

FRNCH STUDI IN ENGL FRNCH 370F 3 CREDITS
 Note: TOPIC: DEVIANT BEHAVIOR IN FRENCH AND FRANCOPHONE CULTURE. SPRING 2014
 Meets international perspectives reqmt
 6716005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

FRNCH CIVILZTN SMNR FRNCH 476 3 CREDITS
 Note: Available for nonmajor graduate credit
 2898005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

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

FRENCH

(CONTINUED)

SPL TOP FRNC CIVILZ FRNCH 590D 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSN; 6 CR 400-LEVEL FRNCH
 Note: Permission of department chair required.
 2401005 ARRANGED
 MEETS: JAN 13-MAY 9

GENETICS

COOPERATIVE EDUCATN GEN 298 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4225005 ARRANGED
 MEETS: JAN 13-MAY 9

PRINCIP OF GENETICS GEN 313 3 CREDITS
 Prereq: BIOL 211 & BIOL 212L, CREDIT OR ENROLLMENT IN ORGANIC CHEMISTRY
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313 AND 313L, GEN/AGRON 320
 9559005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

GENETICS LABORATORY GEN 313L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 313
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313 AND 313L, GEN/AGRON 320
 9560005 1 MW 9:00-10:20
 MEETS: JAN 13-MAY 9
 9560010 2 MW 1:10-2:30
 MEETS: JAN 13-MAY 9
 9560015 3 MW 3:10-4:30
 MEETS: JAN 13-MAY 9
 9560020 4 MW 5:10-6:30PM
 MEETS: JAN 13-MAY 9
 9560025 5 MW 5:10-6:30PM
 MEETS: JAN 13-MAY 9
 9560030 6 TR 1:10-2:30
 MEETS: JAN 13-MAY 9
 9560035 7 TR 3:10-4:30
 MEETS: JAN 13-MAY 9
 9560040 8 TR 5:10-6:30PM
 MEETS: JAN 13-MAY 9
 9560045 9 MW 10:40-11:50
 MEETS: JAN 13-MAY 9
 9560050 10 TR 9:00-10:20
 MEETS: JAN 13-MAY 9

GENET,AGRI&BIOTECHN GEN 320 3 CREDITS
 Prereq: BIOL 212
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313 AND 313L, GEN/AGRON 320
 3539005 TR 8:00-9:20 SALAS-FERNANDEZ
 MEETS: JAN 13-MAY 9

HUMAN GENETICS GEN 340 3 CREDITS
 Prereq: BIOL 313 OR GEN 313
 3794005 TR 11:00-12:30 GIRTON J
 MEETS: JAN 13-MAY 9
 3794600 XW ARRANGED GIRTON J
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

GENOME PRSPCTV BIOL GEN 349X 2 CREDITS
 Prereq: GEN 313 OR GEN 320
 9690005 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN GEN 398 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4262005 ARRANGED
 MEETS: JAN 13-MAY 9

ANALYTICAL GENETICS GEN 410 3 CREDITS
 Prereq: GEN 409
 Note: Available for nonmajor graduate credit
 3833005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

GENETICS RESEARCH GEN 490H 1- 5 CREDITS
 Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GENETICS RESEARCH GEN 490R 1- 5 CREDITS
 Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GENETICS

(CONTINUED)

ATTEND&CRITIQ SEMNR GEN 490S 1 CREDIT
 Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LAB TCHG EXPERIENCE GEN 490U 1- 2 CREDITS
 Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEN 491 1 CREDIT
 Prereq: JUNIOR CLASSIFICATION
 3837005 A W 3:10-4:00
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUC GEN 498 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4281005 ARRANGED
 MEETS: JAN 13-MAY 9

GENETICS - INTERDISCIPLINARY

ETHICS &BIOLGCL SCI GENET 539 2 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 9221005 R 1:10-3:00
 MEETS: JAN 13-MAY 9

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

GRAD STU SEMNR GENE GENET 690 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 9682005 T 11:00-11:50
 MEETS: JAN 13-MAY 9

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS
 9316005 SR ARRANGED
 MEETS: JAN 13-MAY 9

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

GENETICS, DEVELOPMENT & CELL BIOL

MOLECULAR GENETICS GDCB 511 3 CREDITS
 Prereq: BIOL 313 AND BMB 405
 2943005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

INTRO DNA TECHNIQS GDCB 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7089005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 14-FEB 13

INTR PROTEIN TECHNQ GDCB 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7092005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: FEB 18-MARCH 27

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: APRIL 1-MAY 1

INTR METABLMCS TCNQ GDCB 542F 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 9034005 M 1:10-4:00, ARRANGED
 MEETS: FEB 10-APRIL 21

ADV GENOME INFORMTC GDCB 568 3 CREDITS
 Prereq: BCB 567, BMB 301, BIOL 315, STAT 430, CREDIT OR ENROLLMENT IN GEN 411
 5576005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

GENETICS, DEVELOPMENT & CELL BIOL

(CONTINUED)

COMP FUNC GENOM&BIO GDCB 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208 OR COM S 228, GEN 411, STAT 430
 5577005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS GDCB 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURR TOPCS NEUROBIO GDCB 661 2- 3 CREDITS
 Prereq: NEURO 556 OR PERMISSION OF INSTRUCTOR
 7141005 ARRANGED
 MEETS: JAN 13-MAY 9

SEMINAR IN GDCB GDCB 690 1 CREDIT
 Satisfactory-Fail Only.
 7142005 F 4:10-5:00
 MEETS: JAN 13-MAY 9

RESEARCH SEMINAR GDCB 696 1 CREDIT
 Satisfactory-Fail Only.
 8832005 W 4:10-5:30
 MEETS: JAN 13-MAY 9

SEM N MOLEC,C,DV BIO GDCB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2013.
 3856005 M 3:10-5:00
 MEETS: JAN 13-MAY 9

RESEARCH GDCB 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

THE EARTH GEOL 100 3 CREDITS
 3870005 A MWF 11:00-11:50 DAWSON J
 MEETS: JAN 13-MAY 9
 3870010 B MWF 1:10-2:00 DAWSON J
 MEETS: JAN 13-MAY 9

THE EARTH: LAB GEOL 100L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN GEOL 100
 7595005 1 T 10:00-11:50
 MEETS: JAN 13-MAY 9
 7595010 2 T 1:10-3:00
 MEETS: JAN 13-MAY 9
 7595015 3 R 1:10-3:00
 MEETS: JAN 13-MAY 9
 7595020 4 R 10:00-11:50
 MEETS: JAN 13-MAY 9

ENVIRONMNTL GEOLOGY GEOL 101 3 CREDITS
 7596005 A MWF 10:00-10:50 CAISSIE B
 MEETS: JAN 13-MAY 9
 7596600 XW ARRANGED ANKERSTJERNE S
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

HISTORY OF EARTH GEOL 102 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; GEOL MAJORS:
 CONCURRENT ENROLLMENT IN 102L
 3874005 A MWF 1:10-2:00 HASIUK F
 MEETS: JAN 13-MAY 9

HIST OF EARTH: LAB GEOL 102L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN GEOL 102
 7597005 1 R 3:10-5:00
 MEETS: JAN 13-MAY 9
 7597010 2 T 3:10-5:00
 MEETS: JAN 13-MAY 9

EARTH&SPC FOR EL ED GEOL 106 2 CREDITS
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED
 8465005 ARRANGED CERVATO C
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

EARTH&SPACE SCI LAB GEOL 106L 1 CREDIT
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD EDUCATION; CONCURRENT ENROLLMENT IN GEOL106/ASTRO 106
 8582005 1 M 3:10-5:00
 MEETS: JAN 13-MAY 9
 8582010 2 M 1:10-3:00
 MEETS: JAN 13-MAY 9

GEOLOGICL DISASTERS GEOL 111 1 CREDIT
 9152005 TR 9:30-10:20 ANKERSTJERNE S
 MEETS: MARCH 10-MAY 9
 9152600 XW ARRANGED HARDING C
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

GEOLOGY (CONTINUED)

GEOLOGY (CONTINUED)

WORLD WATER RESOURC GEOL 160 3 CREDITS
 3241005 MWF 9:00-9:50 FRANZ K
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY GEOL 290 2- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC GEOL 298 R CREDIT
 Prereq: GEOL 100 OR GEOL 201, GEOL 100L,GEOL 102,
 GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR;
 SOPH CLASSIFICATION
 4828005 ARRANGED
 MEETS: JAN 13-MAY 9

ENERGY &THE ENVIRON GEOL 324 3 CREDITS
 Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD
 CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
 3045005 1 MWF 11:00-11:50 SIMPKINS W
 MEETS: JAN 13-MAY 9

STRUCTURAL GEOLOGY GEOL 356 5 CREDITS
 Prereq: GEOL 100 OR GEOL 201; PHYS 111, MATH 165
 OR MATH 181
 Note: Available for nonmajor graduate credit
 3882005 A MWF 9:00-9:50 JACOBSON C
 TR 9:00-11:50
 MEETS: JAN 13-MAY 9

PETROLOGY GEOL 365 3 CREDITS
 Prereq: GEOL 315, GEOL 315L, GEOL 316
 Note: Available for nonmajor graduate credit
 3883005 1 MW 3:10-4:00 DAWSON J
 T 2:10-5:00
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUC GEOL 398 R CREDIT
 Prereq: GEOL 100 OR GEOL 201, GEOL 100L,GEOL 102,
 GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR;
 JUNIOR CLASSIFICATION
 4829005 ARRANGED
 MEETS: JAN 13-MAY 9

APP GRNDWTR FLW MOD GEOL 414 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 Note: Available for nonmajor graduate credit
 3064005 MW 2:10-3:00 SIMPKINS W
 W 3:10-5:00
 MEETS: JAN 13-MAY 9

STABLE ISOTOPES ENV GEOL 426 3 CREDITS
 Prereq: 4 COURSES IN BIOL OR PHYSICAL SCIENCES
 Note: Available for nonmajor graduate credit
 6837005 TR 9:30-10:50 WANAMAKER A
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$75.00

EXPLORAT SEISMOLOGY GEOL 457 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201, MATH 181 OR EQUIV
 EXPERIENCE OR PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 6248005 MW 10:00-10:50 BERESNEV I
 F 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: Equipment use and field trips & travel fee \$70.00

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 HASIUK F
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN GEOL 498 R CREDIT
 Prereq: GEOL 100 OR GEOL 201, GEOL 100L,GEOL 102,
 GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR;
 SENIOR CLASSIFICATION
 4830005 ARRANGED
 MEETS: JAN 13-MAY 9

APP GRNDWTR FLW MOD GEOL 514 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 3115005 MW 2:10-3:00 SIMPKINS W
 W 2:10-5:00
 MEETS: JAN 13-MAY 9

STABLE ISOTOP&ENVIR GEOL 526 3 CREDITS
 Prereq: 4 COURSES IN PHYSICAL OR BIOL SCIENCE
 6843005 TR 9:30-10:50 WANAMAKER A
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$75.00

EXPLORAT SEISMOLOGY GEOL 557 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201, MATH 181 OR EQUIV
 EXPERIENCE OR PERMISSION OF INSTRUCTOR
 6311005 MW 10:00-10:50 BERESNEV I
 F 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: Equipment use and field trips & travel fee \$70.00

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 HASIUK F
 MEETS: JAN 13-MAY 9

GRADUATE SEMINAR GEOL 595B R CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8220005 F 4:10-6:00PM HASIUK F
 MEETS: JAN 13-MAY 9

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 13-MAY 9

ADV SEM ECONOM GEOL 610B 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7609005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV SEM GEOTECTONIC GEOL 610E 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7606005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV SEM HYDROGEOLOGY GEOL 610F 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7604005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV SEM SURFIC PROC GEOL 610G 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7608005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV SEM SED&STRATIG GEOL 610H 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7607005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV SEM PALEOEC&CLI GEOL 610I 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 6710005 ARRANGED
 MEETS: JAN 13-MAY 9

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: GER 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 13-MAY 9

3950010 2 MTWR 11:00-11:50
 MEETS: JAN 13-MAY 9

3950015 3 MTWR 1:10-2:00
 MEETS: JAN 13-MAY 9

GERMAN

(CONTINUED)

INTERMED GERMAN II GER 202 4 CREDITS
 Prereq: GER 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 BUSINESS EMPHASIS
 Meets international perspectives reqmt

3954005 1 MTWR 9:00-9:50
 MEETS: JAN 13-MAY 9

3954010 2 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 9

COMPOSITION GER 302 3 CREDITS
 Prereq: GER 202
 Note: Meets international perspectives reqmt

3956005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

CONVERSATN:CITY EUR GER 305 3 CREDITS
 Prereq: GER 202, GER 301 RECOMMENDED
 Note: Meets international perspectives reqmt

8405005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

GERMANY TODAY GER 320 3 CREDITS
 Prereq: GER 301 OR GER 304
 Note: Meets international perspectives reqmt

3792005 1 MW 3:10-4:30
 MEETS: JAN 13-MAY 9

GER FILM&MEDIA STDI GER 378 3- 4 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT,
 6 CREDITS IN GERMAN AT THE 300 LEVEL.
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014.
 Meets international perspectives reqmt

7143005 T 6:10-9:00PM
 MEETS: JAN 13-MAY 9

TOPCS GER CULTUR ST GER 476 3- 4 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT,
 6 CREDITS IN GERMAN AT THE 300 LEVEL OF COURSES
 INSTRUCTED IN GERMAN.
 Note: TOPIC: GERMANY CULTURE
 Meets international perspectives reqmt
 Available for nonmajor graduate credit

3958005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

3958020 2 TR 2:10-3:30, ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 2 OFFERED FOR 4 CREDITS FOR SPRING 2014.

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

SPL TOP GER CIVLZTN GER 590D 2- 4 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR; 6 CREDITS
 OF 400-LEVEL GERMAN
 2412005 ARRANGED
 MEETS: JAN 13-MAY 9

GERONTOLOGY

DEATH PART OF LIVNG GERON 373 3 CREDITS
 8516005 TR 3:40-5:00
 MEETS: JAN 13-MAY 9

8516600 XW ARRANGED SAMPLE G
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

RETIREM PLN&BENEFTS GERON 378 3 CREDITS
 Prereq: 3 CR IN PRINCIPLES OF ECON; 3 CR IN HD FS
 Note: Meets U.S. diversity reqmt

8564005 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

ENVIR FOR THE AGING GERON 463 3 CREDITS
 Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH,
 INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
 Note: Meets U.S. diversity reqmt

9003005 TR 11:00-12:15
 MEETS: JAN 13-MAY 9

GERONTOLOGY (CONTINUED)

GERONTOLOGY (CONTINUED)

GERONTL PREPRAC SEM GERON 466 1 CREDIT
 Prereq: 9 CR IN CORE COURSES FOR THE GERON
 MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR
 7869005 ARRANGED
 MEETS: JAN 13-MAY 9

GERONTOL PRACTICUM GERON 467 3- 6 CREDITS
 Prereq: GERON 466, ADVANCE RESERVATION
 Satisfactory-Fail Only.
 7870005 ARRANGED
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY GERON 490 VAR. CREDITS
 3052005 ARRANGED
 MEETS: JAN 13-MAY 9

SEM:BIOL PRIN AGING GERON 501B 3 CREDITS
 9701600 XF ARRANGED VANMETER K
 MEETS: JAN 13-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT
 UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL
 SEATS AVAILABLE IN THE CLASS.
 Meets U.S. diversity reqmt
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

9701605 XH ARRANGED VANMETER K
 MEETS: JAN 13-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT
 UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL
 SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW

9701610 XW ARRANGED VANMETER K
 MEETS: JAN 13-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT
 UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL
 SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XW is off campus
 Course delivery is WWW

SEM:MNTL HLTH&AGING GERON 501E 3 CREDITS
 9702600 XG ARRANGED
 MEETS: JAN 21-MAY 16
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT
 UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL
 SEATS AVAILABLE IN THE CLASS.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

SURV OF GERONTOLOGY GERON 510 1- 3 CREDITS
 3053005 ARRANGED
 MEETS: JAN 13-MAY 9

ADULT DEVELOPMENT GERON 534 3 CREDITS
 2631605 XG ARRANGED
 MEETS: JAN 21-MAY 8
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT
 UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL
 SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

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 11:00-12:15
 MEETS: JAN 13-MAY 9
 3807600 XG ARRANGED
 MEETS: JAN 21-MAY 16
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT
 UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL
 SEATS AVAILABLE IN THE CLASS.
 Meets U.S. diversity reqmt
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

AGING IN FAMLY SETT GERON 577 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES
 9006005 R 9:00-11:40
 MEETS: JAN 13-MAY 9
 9006600 XG ARRANGED
 MEETS: JAN 21-MAY 8
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT
 UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL
 SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

EVAL&RES MTHD GERON GERON 584 3 CREDITS
 8321600 XW ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

SPECIAL TOPICS GERON 590 VAR. CREDITS
 3059005 ARRANGED
 MEETS: JAN 13-MAY 9

GLOBAL RESOURCE SYSTEMS

GLOBAL RESOURCE SYS GLOBE 201 3 CREDITS
 6635005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

ISSU GLBL RSRCE SYS GLOBE 211 1- 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN GLOBE 201
 Note: NO MORE THAN 3 CREDITS OF GLOBE 211 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 Satisfactory-Fail Only.
 6651005 1 R 3:40-5:00
 MEETS: JAN 16-MARCH 27
 Note: SEC 1 OFFERED FOR 1 CREDIT SPRING 2013
 6651010 2 T 3:40-5:00
 MEETS: JAN 14-MARCH 25

GLOBLIZTN &SUSTAINB GLOBE 220 3 CREDITS
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT
 TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 3906005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

APPRENTICESHIP GLOBE 221 R CREDIT
 Satisfactory-Fail Only.
 6652005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

INDEPENDENT STUDY GLOBE 290 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 13-MAY 9

RSRCE SYS INDU NATN GLOBE 301 3 CREDITS
 Prereq: GLOBE 201, ECON 101 OR ECON 102
 Note: COURSE RESTRICTED TO GLOBE MAJORS ONLY OR
 PERMISSION OF INSTRUCTOR
 6658005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

GLB SYS INTERN PREP GLOBE 320X 1 CREDIT
 5201005 W 4:10-5:00
 MEETS: JAN 13-MAY 9

INTERNSHIP - GLOBAL GLOBE 321 3- 6 CREDITS
 Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR;
 INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL
 RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND
 GLOBE 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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
 GLOBE 321 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 8684005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

GLOBAL RESOURCE SYSTEMS (CONTINUED)

ECONOMIC DEVELOPMNT GLOBE 385 3 CREDITS
 Prereq: ECON 101, ECON 102
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 3230005 1 TR 12:40-2:00 LUVAGA E
 MEETS: JAN 13-MAY 9

SENIOR PROJECT GLOBE 401 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN GLOBE
 6799005 ARRANGED
 MEETS: JAN 13-MAY 9

GLBE SR PROJ HONORS GLOBE 401H 3 CREDITS
 8914005 ARRANGED
 MEETS: JAN 13-MAY 9

GLBL RSOURC CHALLNG GLOBE 402 3 CREDITS
 6815005 T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY GLOBE 490A 1- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR

 SEE DEPT FOR REFERENCE NUMBERS

IND 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 13-MAY 9

INDEP STUDY HONORS GLOBE 490H 1- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE
 APPLIED TOWARD GRADUATION
 6817005 ARRANGED
 MEETS: JAN 13-MAY 9

IND STDY SERVE 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 13-MAY 9

SERVICE LEARN INT'L GLOBE 494A VAR. CREDITS
 3581005 Prereq: PERMISSION OF INSTRUCTOR
 ARRANGED
 MEETS: JAN 13-MAY 9

SERV LRNG DOMESTIC GLOBE 494B VAR. CREDITS
 3604005 Prereq: PERMISSION OF INSTRUCTOR
 ARRANGED
 MEETS: JAN 13-MAY 9

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS
 6903005 ARRANGED
 MEETS: JAN 13-MAY 9

GRADUATE STUDIES (CONTINUED)

PREP FTR FAC SPL TP GR ST 588 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, GR ST 585,
 CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586
 8341005 ARRANGED BENDER H
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

EXAMINATION ONLY GR ST 600 R CREDIT
 3972005 ARRANGED
 MEETS: JAN 13-MAY 9

REQUIRED ENROLLMENT GR ST 601 R CREDIT
 Note: College permission required.
 4482005 ARRANGED
 MEETS: JAN 13-MAY 9

DOC PRELIM REGISTRA GR ST 680 R CREDIT
 7349005 ARRANGED
 MEETS: JAN 13-MAY 9

PRACTICAL TRAINING GR ST 697 R CREDIT
 6905005 ARRANGED
 MEETS: JAN 13-MAY 9

GRAPHIC DESIGN

GRAPH DSGN STUDIO II ARTGR 271 3 CREDITS
 Prereq: ART 230, ARTGR 270, ARTGR 275 AND
 ENROLLMENT IN ARTGR 276
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE
 PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.
 1786005 A MWF 8:00-9:50
 MEETS: JAN 13-MAY 9
 1786010 B MWF 8:00-9:50
 MEETS: JAN 13-MAY 9
 1786015 C MWF 8:00-9:50
 MEETS: JAN 13-MAY 9
 1786020 D MWF 8:00-9:50
 MEETS: JAN 13-MAY 9

DG PHOTO FOR GR DSN ARTGR 272 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 270 OR
 ARTGR 271
 9179005 A MW 10:00-12:50
 MEETS: JAN 13-MAY 9
 9179010 B MW 2:10-5:00
 MEETS: JAN 13-MAY 9
 9179015 C MW 10:00-12:50
 MEETS: JAN 13-MAY 9

GRAPHIC TECHNLGY II ARTGR 276 2 CREDITS
 Prereq: ARTGR 275 AND CONCURRENT ENROLLMENT IN
 ARTGR 271
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 5292005 A TR 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 13-MAY 9
 5292010 B TR 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 13-MAY 9
 5292015 C TR 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 13-MAY 9
 5292020 D TR 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 13-MAY 9

GRAPH DSN STUDIO IV ARTGR 371 3 CREDITS
 Prereq: ARTGR 370 AND ARTGR 387
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.
 1820005 A MWF 10:00-11:50
 MEETS: JAN 13-MAY 9
 1820010 B MWF 10:00-11:50
 MEETS: JAN 13-MAY 9
 1820015 C MWF 10:00-11:50
 MEETS: JAN 13-MAY 9
 1820020 D MWF 10:00-11:50
 MEETS: JAN 13-MAY 9

GR DSN MTRLS&PROCES ARTGR 372 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
 371
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1805005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9

GRPH DSN INTERN SEM ARTGR 377 1 CREDIT
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
 370 OR ARTGR 371
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 7537005 A T 11:00-11:50
 MEETS: JAN 13-MAY 9

GRADUATE STUDIES

PREP PUBLSHBL THSIS GR ST 529X 3 CREDITS
 Prereq: PUBLISHABLE STUDENT-GENERATED RESULTS
 FROM ORIGINAL RESEARCH
 9450005 WF 2:10-3:30
 MEETS: JAN 13-MAY 9

RSPBL RSRCH CONDUCT GR ST 565 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 7866005 1 W 11:00-11:50
 MEETS: JAN 13-MAY 9
 7866010 2 W 5:10-6:00PM
 MEETS: JAN 13-MAY 9
 7866015 3 W 2:10-3:00
 MEETS: JAN 13-MAY 9
 7866020 4 R 1:10-2:00
 MEETS: JAN 13-MAY 9

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 T 3:10-6:00PM BENDER H
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

PREP FAC TCHG PRACT GR ST 587 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, GR ST 585,
 CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586
 7679005 ARRANGED BENDER H
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

GRAPHIC DESIGN (CONTINUED)

GR DSN HIST,CRIT II ARTGR 388 3 CREDITS
 Prereq: ARTGR 387 OR ART H 281 AND DSN S 183
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 9451005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

GRPHC DSN FIELD STU ARTGR 391 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN 300 OR 400 LEVEL
 GRAPHIC DESIGN STUDIO COURSE
 Satisfactory-Fail Only.
 7522005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

GRPHC DSGN CAPSTONE ARTGR 471 5 CREDITS
 Prereq: ARTGR 470 OR PERMISSION OF INSTRUCTOR
 1645005 A TR 10:00-4:00 BAER R
 ARRANGED BAER R
 MEETS: JAN 13-MAY 9

1645010 B TR 10:00-4:00 BRUSKI P
 ARRANGED BRUSKI P
 MEETS: JAN 13-MAY 9

1645015 C TR 10:00-4:00 BRAIDWOOD A
 ARRANGED BRAIDWOOD A
 MEETS: JAN 13-MAY 9

1645020 D TR 10:00-4:00 QUAM A
 ARRANGED QUAM A
 MEETS: JAN 13-MAY 9

GRAPH DSN PRACTICUM ARTGR 477 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR
 371, ARTGR 470, OR ARTGR 482; PORTFOLIO REVIEW AND
 PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTGR MAJORS.
 7886005 MW 2:10-5:00
 MEETS: JAN 13-MAY 9

WEB DSGN E-COMMERCE ARTGR 478 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370 OR
 ARTGR 371 OR ARTGR 470 OR ARTGR 482
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1912005 MW 2:10-5:00
 MEETS: JAN 13-MAY 9

WAYFINDING DESIGN ARTGR 479 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR
 371, ARTGR 470 OR ARTGR 482
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY.
 TOPIC: WAYFINDING DESIGN. FIELD TRIP FEE \$250.00
 1891005 MW 2:10-5:00
 MEETS: JAN 13-MAY 9

GRPH DSGN PRO PRACT ARTGR 481 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
 470
 Note: Instructor permission required 1st week.
 8243005 TR 6:10-7:30PM
 MEETS: JAN 13-MAY 9

STUDIES IN GRPH DSN ARTGR 484 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO ARTGR MAJORS ONLY. OFFERED FOR 3
 CREDITS SPRING 2013
 Instructor permission required 1st week.
 8261005 A MW 2:10-5:00 CALL A
 MEETS: JAN 13-MAY 9
 Note: SEC A TOPIC: PACKAGE DESIGN

8261010 B MW 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC B TOPIC: MOTION AND BROADCAST
 GRAPHICS

IND ST THEORY, CRIT ARTGR 490A 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF 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

GRAPHIC DESIGN (CONTINUED)

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

PUBLICCATN DSGN:BOOKS ARTGR 492 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
 370 OR ARTGR 371
 1994005 MW 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 Note: Materials, field trips &/or travel fee
 \$25.00-\$220.00

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 13-MAY 9

WAYFINDING DESIGN ARTGR 579 3 CREDITS
 Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY.
 TOPIC: WAYFINDING DESIGN. FIELD TRIP FEE \$250.00
 2123005 MW 2:10-5:00
 MEETS: JAN 13-MAY 9

STUDIES IN GRPH DSN ARTGR 584 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2013.
 Instructor permission required 1st week.
 8262005 A MW 2:10-5:00 CALL A
 MEETS: JAN 13-MAY 9
 Note: SEC A TOPIC: DIGITAL IMAGING FOR GRAPHIC
 DESIGN.

8262010 B MW 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC B TOPIC: MOTION AND BROADCAST GRAPHICS

8262015 C MW 6:10-9:00PM
 MEETS: JAN 13-MAY 9

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 13-MAY 9

DESIGN AND ETHICS ARTGR 589 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 4955005 F 2:10-5:00
 MEETS: JAN 13-MAY 9

4955600 XE ARRANGED SATTERFIELD D
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

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
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRPH DSG BEHAVR CHG ARTGR 672B 3 CREDITS
 Prereq: ARTGR 570, ARTGR 571, AND GRADUATE
 ENROLLMENT IN COLLEGE OF DESIGN OR PERMISSION OF
 INSTRUCTOR
 Note: Instructor permission required 1st week.
 4211005 MW 9:00-11:50
 MEETS: JAN 13-MAY 9

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

GRAPHIC DESIGN

(CONTINUED)

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 2013.
 1837005 M 6:10-9:00PM
 MEETS: JAN 13-MAY 9

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

GREEK

INDEPENDENT STUDY GREEK 490 1- 6 CREDITS
 Prereq: 6 CR IN GREEK; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN GREEK 490 MAY BE
 APPLIED TOWARD GRADUATION
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HEALTH STUDIES

1ST AID &EMERG CARE H S 105 2 CREDITS
 Note: SEC A1, B2 ETC RESTRICTED TO A TR, P ATR
 KIN H MAJORS. SEC A2 FOR MAJORS OTHER THAN
 A TR, P ATR, KIN H.
 4081005 A1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 4081010 A2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 4081015 B1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 4081020 B2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 4081024 C2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 4081025 C3 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 4081035 D1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 4081040 D2 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 4081045 E2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 4081050 E3 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

PERS &CONSUMER HLTH H S 110 3 CREDITS
 Note: SEC A1, B1 ETC RESTRICTED TO A TR, KIN,
 P ATR, PDEXA, PDEXH MAJORS ONLY. SEC A2, B2 ETC
 FOR MAJORS OTHER THAN A TR, KIN, P ATR, PDEXA, PDEXH
 4082005 A1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 4082010 A2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 4082015 B1 TR 11:00-12:30
 MEETS: JAN 13-MAY 9
 4082020 B2 TR 11:00-12:30
 MEETS: JAN 13-MAY 9
 4082025 C1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

DRUG EDUCATION H S 215 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 4083005 A1 TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO A TR, KIN H, P ATR
 MAJORS.
 4083010 A2 TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN A TR,
 KIN H, P ATR.
 4083015 B1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC B1 RESTRICTED TO A TR, KIN H, P ATR
 MAJORS.
 4083020 B2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC B2 RESTRICTED TO MAJORS OTHER THAN A TR, H
 KIN H, P ATR.

HEALTH ED ELEM SCHL H S 275 3 CREDITS
 Prereq: HD FS 102 OR HD FS 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 13-MAY 9
 4084010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

INSTR'S 1ST AID&CPR H S 305 2 CREDITS
 Prereq: H S 105
 4086005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 9

HEALTH STUDIES

(CONTINUED)

COMMUN&PUBLC HEALTH H S 310 3 CREDITS
 Prereq: H S 110
 4087005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO KIN H JUNIORS &
 SENIORS
 4087010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 2 FOR MAJORS OTHER THAN KIN H
 4087600 XW ARRANGED LIPSEY H
 MEETS: JAN 13-MAY 5
 Note: OFF-CAMPUS STUDENTS ONLY; PERMISSION REQUIRED.
 CONTACT TRISHA RITLAND AT 515-294-7929 OR
 TRITLAND@IASTATE.EDU.
 Instructor permission required 1st week.
 Section XW is off campus
 Course delivery is WWW

HUMAN DISEASES H S 350 3 CREDITS
 Prereq: H S 110 AND BIOL 255, BIOL 256
 Note: SEC A1 RESTRICTED TO A TR, KIN H, D EXA, D EXH,
 P ATR JRS & SRS ONLY. SEC A2 RESTRICTED TO MAJORS
 OTHER THAN A TR, D EXA, D EXH, KIN H, P ATR JRS & SRS
 4088005 A1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 4088010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

WRKSITE HLTH PROMOT H S 380 3 CREDITS
 Prereq: KIN 258, KIN 366
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, KIN H
 P ATR, PDEXA, PDEXH, JRS & SRS.
 3795005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

STRATG PRO SCHL&FLD H S 385 R CREDIT
 Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN
 MINIMUM OF TWO SEMESTERS PRIOR TO KIN 485
 Note: COURSE RESTRICTED TO KIN H, JRS &
 ABOVE & FSHNA AND FSHNH GRADUATE STUDENTS.
 Satisfactory-Fail Only.
 3789005 1 R 2:10-3:00
 MEETS: JAN 13-MAY 9
 3789010 2 F 1:10-2:00
 MEETS: JAN 13-MAY 9

SUPV TCHG HLTH,SCDY H S 417A 14 CREDITS
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED
 Note: Instructor permission required 1st week.
 9508005 ARRANGED
 MEETS: JAN 13-MAY 9

TEACH HLTH SEC,ADDL H S 417B VAR. CREDITS
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED
 Note: Instructor permission required 1st week.
 9507005 ARRANGED
 MEETS: JAN 13-MAY 9

FLD EXP HLTH PROMO 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 13-MAY 9

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 EDUC STUDENTS ONLY - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 4111005 1 M 5:30-8:30PM
 MEETS: JAN 13-MAY 9

LEARN,LDRSHP,CMUNTY HG ED 541 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7154005 T 3:10-5:00
 MEETS: JAN 13-MAY 9

HIGHER EDUCATION (CONTINUED)

HISTORICAL, PHILOSOPHICAL & COMP ED

TEAMS IN ACTION HG ED 543 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7160005 T 11:00-1:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

LDRSH&L IN PRACTICE HG ED 545 3 CREDITS
 Prereq: HG ED 544, GRADUATE CLASSIFICATION
 6845005 T 11:00-2:00
 MEETS: JAN 13-MAY 9

COLLEGE TEACHING HG ED 561 3 CREDITS
 Prereq: 6 GRADUATE CREDITS
 Note: COURSE RESTRICTED TO EDUC MAJORS ONLY.
 OTHERS CONTACT DEPARTMENT FOR PERMISSION
 4112005 F 5:00-8:00PM
 S 9:00-5:00
 MEETS: JAN 24-FEB 22

STUDENTS AMER HG ED HG ED 578 3 CREDITS
 Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM
 7348005 1 R 9:00-11:50
 MEETS: JAN 13-MAY 9

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 EDUC STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 6275005 1 M 2:10-5:00
 MEETS: JAN 13-MAY 9

CREATIVE COMPONENT HG ED 599 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FINANCING HIGHER ED HG ED 665 3 CREDITS
 Prereq: HG ED 504
 Note: FOR EDUC STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 4147005 W 5:10-8:30PM
 MEETS: JAN 13-MAY 9

ACAD ISSUES&CULTURS HG ED 666 3 CREDITS
 Prereq: HG ED 504
 Note: FOR EDUC STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 7319005 T 5:30-8:20PM
 MEETS: JAN 13-MAY 9

STUDENT DEV THRY II HG ED 676 3 CREDITS
 Prereq: HG ED 576
 Note: FOR EDUC STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 5633005 1 W 2:10-5:00
 MEETS: JAN 13-MAY 9
 5633010 2 R 2:10-5:00
 MEETS: JAN 13-MAY 9

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

HIST OF EDUC T N U.S. H P C 588 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 4065005 T 5:10-8:00PM
 MEETS: JAN 13-MAY 9

SPCL TOP HIST OF ED H P C 590A 1- 5 CREDITS
 Prereq: 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

INTRODUC TO HISTORY HIST 195X 1 CREDIT
 Prereq: CLASSIFICATION AS A HISTORY MAJOR
 Note: COURSE RESTRICTED TO HIST MAJORS ONLY.
 9223005 W 4:10-5:00
 MEETS: JAN 13-MAY 9

INTRO WESTERN CIV I HIST 201 3 CREDITS
 Note: Meets international perspectives reqmt
 4150005 MWF 11:00-11:50 HILL K
 MEETS: JAN 13-MAY 9

INTR WESTERN CIV II HIST 202 3 CREDITS
 Note: Meets international perspectives reqmt
 4151005 1 TR 11:00-11:50 ROSS P
 W 8:00-8:50
 MEETS: JAN 13-MAY 9

4151010 2 TR 11:00-11:50 ROSS P
 W 9:00-9:50
 MEETS: JAN 13-MAY 9

4151015 3 TR 11:00-11:50 ROSS P
 W 8:00-8:50
 MEETS: JAN 13-MAY 9

4151020 4 TR 11:00-11:50 ROSS P
 W 11:00-11:50
 MEETS: JAN 13-MAY 9

4151025 5 TR 11:00-11:50 ROSS P
 R 8:00-8:50
 MEETS: JAN 13-MAY 9

4151030 6 TR 11:00-11:50 ROSS P
 F 8:00-8:50
 MEETS: JAN 13-MAY 9

4151035 7 TR 11:00-11:50 ROSS P
 F 8:00-8:50
 MEETS: JAN 13-MAY 9

4151040 8 TR 11:00-11:50 ROSS P
 F 10:00-10:50
 MEETS: JAN 13-MAY 9

4151045 9 TR 11:00-11:50 ROSS P
 W 10:00-10:50
 MEETS: JAN 13-MAY 9

4151050 10 TR 11:00-11:50 ROSS P
 W 12:10-1:00
 MEETS: JAN 13-MAY 9

4151055 11 TR 11:00-11:50 ROSS P
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

4151060 12 TR 11:00-11:50 ROSS P
 F 10:00-10:50
 MEETS: JAN 13-MAY 9

4151065 13 MW 1:10-2:00 ANDREWS J
 R 8:00-8:50
 MEETS: JAN 13-MAY 9

4151070 14 MW 1:10-2:00 ANDREWS J
 R 11:00-11:50
 MEETS: JAN 13-MAY 9

4151075 15 MW 1:10-2:00 ANDREWS J
 F 9:00-9:50
 MEETS: JAN 13-MAY 9

4151080 16 MW 1:10-2:00 ANDREWS J
 F 10:00-10:50
 MEETS: JAN 13-MAY 9

4151085 17 MW 1:10-2:00 ANDREWS J
 T 8:00-8:50
 MEETS: JAN 13-MAY 9

4151090 18 MW 1:10-2:00 ANDREWS J
 T 11:00-11:50
 MEETS: JAN 13-MAY 9

4151095 19 MW 1:10-2:00 ANDREWS J
 W 11:00-11:50
 MEETS: JAN 13-MAY 9

4151100 20 MW 1:10-2:00 ANDREWS J
 F 8:00-8:50
 MEETS: JAN 13-MAY 9

HISTORY

(CONTINUED)

HISTORY

(CONTINUED)

INTR WESTERN CIV II HIST 202 3 CREDITS
 4151105 21 MW 1:10-2:00 ANDREWS J
 R 8:00-8:50
 MEETS: JAN 13-MAY 9
 4151110 22 MW 1:10-2:00 ANDREWS J
 R 11:00-11:50
 MEETS: JAN 13-MAY 9
 4151115 23 MW 1:10-2:00 ANDREWS J
 F 9:00-9:50
 MEETS: JAN 13-MAY 9
 4151120 24 MW 1:10-2:00 ANDREWS J
 F 11:00-11:50
 MEETS: JAN 13-MAY 9
 SURVEY U.S. HIST I HIST 221 3 CREDITS
 4155005 MWF 2:10-3:00 POOLEY A
 MEETS: JAN 13-MAY 9
 SURVEY U.S. HIST II HIST 222 3 CREDITS
 4156005 1 TR 9:30-10:20 WOLTERS T
 F 8:00-8:50
 MEETS: JAN 13-MAY 9
 4156010 2 TR 9:30-10:20 WOLTERS T
 F 9:00-9:50
 MEETS: JAN 13-MAY 9
 4156015 3 TR 9:30-10:20 WOLTERS T
 W 11:00-11:50
 MEETS: JAN 13-MAY 9
 4156020 4 TR 9:30-10:20 WOLTERS T
 W 12:10-1:00
 MEETS: JAN 13-MAY 9
 4156025 5 TR 9:30-10:20 WOLTERS T
 R 8:00-8:50
 MEETS: JAN 13-MAY 9
 4156030 6 TR 9:30-10:20 WOLTERS T
 R 11:00-11:50
 MEETS: JAN 13-MAY 9
 4156035 7 TR 9:30-10:20 WOLTERS T
 F 11:00-11:50
 MEETS: JAN 13-MAY 9
 4156040 8 TR 9:30-10:20 WOLTERS T
 F 12:10-1:00
 MEETS: JAN 13-MAY 9
 4156045 9 MW 10:00-10:50 MCDONNELL L
 R 8:00-8:50
 MEETS: JAN 13-MAY 9
 4156050 10 MW 10:00-10:50 MCDONNELL L
 W 12:10-1:00
 MEETS: JAN 13-MAY 9
 4156055 11 MW 10:00-10:50 MCDONNELL L
 R 8:00-8:50
 MEETS: JAN 13-MAY 9
 4156060 12 MW 10:00-10:50 MCDONNELL L
 R 11:00-11:50
 MEETS: JAN 13-MAY 9
 4156065 13 MW 10:00-10:50 MCDONNELL L
 F 8:00-8:50
 MEETS: JAN 13-MAY 9
 4156070 14 MW 10:00-10:50 MCDONNELL L
 F 9:00-9:50
 MEETS: JAN 13-MAY 9
 4156075 15 MW 10:00-10:50 MCDONNELL L
 F 10:00-10:50
 MEETS: JAN 13-MAY 9
 4156080 16 MW 10:00-10:50 MCDONNELL L
 F 11:00-11:50
 MEETS: JAN 13-MAY 9
 MOD WONDRS OF WORLD HIST 285 3 CREDITS
 4164005 TR 11:00-12:20 TWITCHELL S
 MEETS: JAN 13-MAY 9
 AMER POPULAR CULTUR HIST 307 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 3890600 XW ARRANGED BIX A
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 MDRN EURO 1450-1789 HIST 318 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 2671005 MW 3:10-4:30 BYARS J
 MEETS: JAN 13-MAY 9
 ENGLAND 1525-1700 HIST 325 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 4169005 TR 2:10-3:30 GRIFFITHS P
 MEETS: JAN 13-MAY 9
 MODERN JAPANESE HIS HIST 338 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 Meets international perspectives reqmt
 8312005 MWF 12:10-1:00 DOBBS C
 MEETS: JAN 13-MAY 9

HIST LATIN AMERI II HIST 341 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 Meets international perspectives reqmt
 4175005 1 TR 8:00-9:20 ROSS P
 MEETS: JAN 13-MAY 9
 4175010 2 TR 12:40-2:00 ROSS P
 MEETS: JAN 13-MAY 9
 HIST AFRICAN AMER I HIST 353 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Meets U.S. diversity reqmt
 8745005 TR 9:30-10:50 WILLIAMS E
 MEETS: JAN 13-MAY 9
 U.S.CIVIL WAR&RECON HIST 356 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 4217005 TR 2:10-3:30 HILLIARD K
 MEETS: JAN 13-MAY 9
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 HISTORY OF IOWA HIST 370 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 4222005 MWF 3:10-4:00 BREMER J
 MEETS: JAN 13-MAY 9
 WM&MEN ANC MEDITRNN HIST 374 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN,
 OR GREEK
 Note: Meets international perspectives reqmt
 2236005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 HIST OF AMER WOMEN HIST 386 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4187600 XW ARRANGED BIX A
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 WORLD MILITARY HIST HIST 390 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 4190005 MWF 10:00-10:50 KEHRBERG R
 MEETS: JAN 13-MAY 9
 ROMAN CIVILIZATION HIST 403 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Available for nonmajor graduate credit
 4193005 TR 2:10-3:30 HOLLANDER D
 MEETS: JAN 13-MAY 9
 4193010 2 TR 11:00-12:20 HOLLANDER D
 MEETS: JAN 13-MAY 9
 HIGH MIDDLE AGES HIST 406 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Available for nonmajor graduate credit
 4195005 MWF 9:00-9:50 HILL K
 MEETS: JAN 13-MAY 9
 RUSSIA SINCE 1850 HIST 422 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Meets international perspectives reqmt
 Available for nonmajor graduate credit
 4205005 MWF 11:00-11:50 ANDREWS J
 MEETS: JAN 13-MAY 9
 PUNSHMT ENGL 16-19C HIST 428 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Available for nonmajor graduate credit
 7660005 TR 11:00-12:20 GRIFFITHS P
 MEETS: JAN 13-MAY 9
 HIST RURAL AMERICA HIST 468 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE.
 Available for nonmajor graduate credit
 6960005 TR 12:40-2:00 WENIG K
 MEETS: JAN 13-MAY 9
 CIV RIGHTS& ETH PWR HIST 473 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 6813005 TR 9:30-10:50 BEHNKEN B
 MEETS: JAN 13-MAY 9

HISTORY

(CONTINUED)

AMERICAN STUFF HIST 488 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Available for nonmajor graduate credit
 4235005 TR 11:00-12:20 WOLTERS T
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY HIST 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN HISTORY; PERMISSION OF DEPARTMENT CHAIR
 Note: 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 W 1:10-4:00 DOBBS C
 MEETS: JAN 13-MAY 9
 4238010 2 W 6:10-9:00PM BYARS J
 MEETS: JAN 13-MAY 9

ADV TOPCS HST EUROP HIST 496A 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 TOPIC: HISTORY OF MAGIC
 2999005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1 TOPIC: HISTORY OF MAGIC
 2999010 2 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC 2 TOPIC: MODERN GERMANY

ADV TOPCS N AMER HI HIST 496B 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 Note: TOPIC: CAPITALISM IN AMERICA
 3028005 MW 3:10-4:30 MCDONNELL L
 MEETS: JAN 13-MAY 9

ADV TOPCS GLOBL HIS HIST 496C 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 TOPIC: SLAVERY IN THE ATLANTIC WORLD
 3042005 TR 11:00-12:20 HILLIARD K
 MEETS: JAN 13-MAY 9

PROSEM MEDV EUR HST HIST 512B 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 4244005 M 1:10-4:00 BAILEY M
 MEETS: JAN 13-MAY 9

PROSEM MIDWEST SOCI HIST 552C 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 W 1:10-4:00 RINEY-KEHRBERG P
 MEETS: JAN 13-MAY 9

HIS METHD HISTRIOG HIST 583C 3 CREDITS
 Note: Instructor permission required.
 3422005 ARRANGED
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS HIST 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM 20TH CENTU AMER HIST 593C 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 4273005 T 1:10-4:00 SCHNEIDER W
 MEETS: JAN 13-MAY 9

RESEARCH HIST 699 1- 6 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS

SPECIAL PROB HONORS HON 290H 1- 2 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 13-MAY 9
 Note: Department permission required.

HONORS

(CONTINUED)

UNIV HONORS SEMINAR HON 322 1- 2 CREDITS
 Prereq: MEMBERSHIP IN THE HONORS PROGRAM
 Note: CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS
 COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HON 490 VAR. CREDITS
 Prereq: MEMBERSHIP IN THE UNIV HONORS PROGRAM, 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
 Prereq: NREM 112
 8122005 1 W 9:00-10:50 WIERSEMA J
 MEETS: JAN 13-MAY 9
 8122010 2 W 4:10-6:00PM
 MEETS: JAN 13-MAY 9

HOME HORTICULTURE HORT 121 2 CREDITS
 4292005 MW 3:10-4:00
 MEETS: JAN 13-MAY 9

HANDS-ON HOME HORTI HORT 122 1 CREDIT
 5497005 1 M 9:00-9:50
 MEETS: JAN 13-MAY 9
 5497010 2 M 11:00-11:50
 MEETS: JAN 13-MAY 9
 5497015 3 M 1:10-2:00
 MEETS: JAN 13-MAY 9

FLORAL DESIGN HORT 131X 1 CREDIT
 9661005 W 5:10-7:00PM
 MEETS: JAN 13-MAY 9

TOPCS CROSS-COMMDTY HORT 193F VAR. CREDITS
 Note: A MAXIMUM OF 6 CREDITS OF HORT 193 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 6761600 XW ARRANGED BOUSSELOT J
 MEETS: JAN 13-MAY 9
 Note: SEC XW OFFERED FOR 1 CREDIT SPRING 2014.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

PRIN HORTICULTR SCI HORT 221 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN BIOL 211
 4296005 1 TR 9:00-9:50
 T 2:10-4:00
 MEETS: JAN 13-MAY 9
 4296010 2 TR 9:00-9:50
 R 2:10-4:00
 MEETS: JAN 13-MAY 9

SPANISH FOR HORTICU HORT 225 3 CREDITS
 2378005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

EDU YOUTH THRU HORT HORT 282 3 CREDITS
 7419025 MW 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 13-MAY 9
 Note: Materials, field trips &/or travel fee \$25.00

PESTICIDE APPL CERT HORT 283 2 CREDITS
 5221005 A MW 2:10-3:00 HOLSCHER K
 MEETS: JAN 13-MAY 9

PLANT PROPAGATION HORT 322 3 CREDITS
 Prereq: HORT 221 OR BIOL 211
 4304005 1 TR 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 13-MAY 9
 4304010 2 TR 10:00-10:50
 W 1:10-3:00
 MEETS: JAN 13-MAY 9

GREENHSE OPERAT&MGT HORT 332 4 CREDITS
 Prereq: HORT 221
 Note: Available for nonmajor graduate credit
 4306005 1 MWF 1:10-2:00
 M 2:10-5:00
 MEETS: JAN 13-MAY 9
 4306010 2 MWF 1:10-2:00
 W 2:10-5:00
 MEETS: JAN 13-MAY 9

WOODY PLNT CULTIVRS HORT 341 2 CREDITS
 Prereq: HORT 240 OR L A 221 OR L A 222
 2770005 TR 8:00-8:50
 MEETS: JAN 13-MAY 9

HORTICULTURE

(CONTINUED)

SOILS & PLANT GROWTH HORT 354 3 CREDITS
 Prereq: AGRON 154 AND BIOL 101 OR BIOL 211
 Note: Available for nonmajor graduate credit
 8494005 1 MWF 10:00-10:50 LOYNACHAN T
 MEETS: JAN 13-MAY 9
 Section info: <http://www.public.iastate.edu/~teloynac/354out1.html>

SOIL&PLANT GRWTH LB HORT 354L 1 CREDIT
 Prereq: AGRON OR HORT MAJOR WITH CREDIT OR ENROLLMENT IN AGRON 354
 Note: COURSE RESTRICTED TO AGRON & HORT MAJORS ONLY.
 8496005 1 T 12:10-3:00 CHUA T
 MEETS: JAN 13-MAY 9
 8496010 2 T 3:10-6:00PM HASSELMAN E
 MEETS: JAN 13-MAY 9
 8496015 3 R 1:10-4:00
 MEETS: JAN 13-MAY 9
 Note: Materials and professional support fee \$100.00

PRIN GARDEN COMPOSI HORT 380 2 CREDITS
 Prereq: HORT 240
 7264005 TR 9:30-10:20
 MEETS: JAN 13-MAY 9
 7264600 XW ARRANGED ORGLER L
 MEETS: JAN 13-MAY 9
 Note: THIS COURSE CAN NOT BE TAKEN BY THOSE IN THE HORTICULTURE LANDSCAPE DESIGN OPTION. ALSO, IF YOU ARE ENROLLED IN HORT 381 (STUDIO), YOU MUST TAKE THIS FACE-TO-FACE COURSE OF HORT 380.
 Section XW is off campus
 Course delivery is WWW
 Cmpt reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

BEG GARDN COMP STDO HORT 381 2 CREDITS
 Prereq: HORT 240, HORT 281, HORT 330
 Note: COURSE RESTRICTED TO HORT MAJORS ONLY.
 L A MAJORS MAY NOT APPLY CREDIT IN HORT 381 TOWARD GRADUATION.
 7284005 1 MW 9:00-10:50
 MEETS: JAN 13-MAY 9
 7284010 2 MW 1:10-3:00
 MEETS: JAN 13-MAY 9

HORT MGT EXPERIENCE HORT 391 1 CREDIT
 Prereq: HORT 221 OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 2 CREDITS OF HORT 391 MAY BE APPLIED TOWARD THE HORTICULTURAL SCIENCES COURSE REQUIREMENTS.
 2 ADDITIONAL CREDITS OF HORT 391 MAY BE APPLIED TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN HORT 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT RESOURCE AND CAREER CENTER COORDINATOR
 Satisfactory-Fail Only.
 3652005 ARRANGED
 MEETS: JAN 13-MAY 9

GREENHS CROP PRD II HORT 435 4 CREDITS
 Prereq: HORT 330 AND HORT 332
 Note: Available for nonmajor graduate credit
 2659005 MWF 9:00-9:50
 R 2:10-5:00
 MEETS: JAN 13-MAY 9
 Note: Materials, field trips &/or travel fee \$75.00

PROF TURFGRASS MGMT HORT 451 2 CREDITS
 Prereq: HORT 351
 Note: Available for nonmajor graduate credit
 4319600 XW ARRANGED CHRISTIANS N
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmpt reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

MGT DIS&PEST TGRASS HORT 452 3 CREDITS
 Prereq: HORT 351
 5311005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

VEGETABL PRODUC&MGT HORT 471 2 CREDITS
 Prereq: HORT 221
 Note: Available for nonmajor graduate credit
 4323005 MW 8:00-8:50
 MEETS: JAN 13-MAY 9

VEGTBL PROD&MGT LAB HORT 471L 1 CREDIT
 Prereq: JUNIOR OR SENIOR STATUS, CONCURRENT ENROLLMENT IN HORT 471
 Note: Available for nonmajor graduate credit
 5262005 W 3:10-5:00
 MEETS: JAN 13-MAY 9
 Note: Materials, field trips &/or travel fee \$50.00

HORTICULTURE

(CONTINUED)

IND ST GREENHS CROP HORT 490A VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY NURS CROPS HORT 490B VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY TURFGRASS HORT 490C VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS HORT 490D VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY VEG CROPS HORT 490E VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CROSS-COMMO HORT 490F VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT HORT 490G VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HORT 490H VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRNATL INDEP STDY HORT 490I VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR HORT 490J VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

HORTICULTR WORKSHOP HORT 493 VAR. CREDITS
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2014
 Available for nonmajor graduate credit
 7617005 A R 4:10-6:00PM
 MEETS: JAN 13-MAY 9

SERV LEARN DOMESTC HORT 494B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: A MAXIMUM OF 4 CREDITS OF 494 MAY BE APPLIED TOWARD THE HORTICULTURE CREDITS REQUIRED FOR GRADUATN
 3163005 ARRANGED
 MEETS: JAN 13-MAY 9

HORTICULTURE

(CONTINUED)

HOTEL RESTAURANT & INSTITUTION MGMT

TRAVEL COURSE PREP HORT 495 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5605005 HR ARRANGED
 MEETS: JAN 13-MAY 9
 Note: THIS IS THE PRE-DEPARTURE CLASS FOR THE BALKANS
 STUDY ABROAD TRIP IN SUMMER 2014 TO SERBIA & CROATIA.
 TRIP WILL BE FROM 5/10/14 TO 5/24/14.

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 14-FEB 13

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 18-MARCH 27

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: APRIL 1-MAY 1

INTR METABLMCS TCNQ HORT 542F 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 9024005 M 1:10-4:00, ARRANGED
 MEETS: FEB 10-APRIL 21

PERENNIAL GRASSES HORT 551 2 CREDITS
 Prereq: JUNIOR OR SENIOR OR GRAD CLASSIFICATION
 OR PERMISSION OF INSTRUCTOR
 4335005 MW 10:00-10:50
 MEETS: JAN 13-MAY 9

MGT DIS&PEST TGRASS HORT 552 3 CREDITS
 Prereq: HORT 351
 4336005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS HORT 590 VAR. CREDITS
 Prereq: A MAJOR OR MINOR IN HORTICULTURE
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

GRADUATE SEMINAR HORT 610 1 CREDIT
 Satisfactory-Fail Only.
 4346005 M 4:10-5:00
 MEETS: JAN 13-MAY 9

ADVANCED TOPICS HORT 690 VAR. CREDITS
 4348005 ARRANGED
 MEETS: JAN 13-MAY 9

RESEARCH SEMINAR HORT 696 1 CREDIT
 Satisfactory-Fail Only.
 8833005 W 4:10-5:30
 MEETS: JAN 13-MAY 9

HORT TEACH PRACTICM HORT 698 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 6171005 W 4:10-5:00
 MEETS: JAN 13-MAY 9

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

INTRO HOSPTLY INDUS HRI 101 3 CREDITS
 7306005 1A TR 2:10-3:25
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M
 MAJORS ONLY

7306010 1B TR 2:10-3:25
 MEETS: JAN 13-MAY 9
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI,
 HSP M

INTRO MGT U DINING HRI 189 1 CREDIT
 8647005 T 12:10-1:00
 MEETS: JAN 13-MAY 9

INTRO CASINO MNGMNT HRI 201X 3 CREDITS
 8259005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

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 13-MAY 9
 Note: SEC 1 RESTRICTED TO CS A, CS H, HRI, HSP M,
 EVENT MAJORS ONLY

4435010 2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 2 RESTRICTED MAJORS OTHER THAN CS A, CS H
 HRI, HSP M, EVENT

GLOBAL TOURISM MGT HRI 260 3 CREDITS
 Note: Meets international perspectives reqmt
 6738005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

CNTMP CLUB OPERATNS HRI 289 2 CREDITS
 Prereq: HRI 101
 9247005 M 2:10-3:50
 MEETS: JAN 13-MAY 9

HOSPITALITY LAW HRI 315 3 CREDITS
 Prereq: HRI 101
 Note: Available for nonmajor graduate credit
 4369005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

AMUSEMNT PARK ADMIN HRI 320X 3 CREDITS
 Prereq: HRI 101 OR PERMISSION OF INSTRUCTOR
 9570005 MW 2:10-3:30
 MEETS: JAN 13-MAY 9

QUANT FOOD PROD MGT HRI 380 3 CREDITS
 Prereq: HRI 233 OR 2 CR MICRO; FS HN 111
 OR FS HN 214 OR FS HN 215; JUNIOR CLASSIFICATION;
 ENROLLMENT IN HRI 380L
 Note: Instructor permission required.
 4358005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 9

QUANT FOOD PROD&MGT HRI 380L 2 CREDITS
 Prereq: HRI 233 OR 2 CR. MICRO, FS HN 111 OR
 FS HN 214 OR FS HN 215; JUNIOR CLASSIFICATION;
 ENROLLMENT IN 380; RESERVATION WITH PROGRAM REQUIRED
 Note: Instructor permission required.
 4359005 1 TR 10:00-1:00
 MEETS: JAN 13-MAY 9

4359010 2 WF 10:00-1:00
 MEETS: JAN 13-MAY 9

4359015 3 TR 4:15-7:15PM
 MEETS: JAN 13-MAY 9

4359020 4 MW 4:15-7:15PM
 MEETS: JAN 13-MAY 9

INTRO WINE, BEER, SPI HRI 383 2 CREDITS
 Prereq: MUST BE AT LEAST 21 YEARS OLD
 4108005 1 R 3:40-5:30
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO CS A, CSH, HRI,
 HSP M, EVENT MAJORS ONLY

4108010 2 R 3:40-5:30
 MEETS: JAN 13-MAY 9
 Note: SEC 2 FOR MAJORS OTHER THAN CS A, CS H,
 EVENT HRI, HSP M

4108015 3 T 3:40-5:30
 MEETS: JAN 13-MAY 9
 Note: SEC 3 RESTRICTED TO CS A, CSH, HRI,
 HSP M, EVENT MAJORS ONLY

4108020 4 T 3:40-5:30
 MEETS: JAN 13-MAY 9

HOTEL RESTAURANT & INSTITUTION MGMT (CONTINUED)

INTRO WINE, BEER LAB HRI 383L 1 CREDIT
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN
 HRI 383. MUST BE AT LEAST 21 YEARS OLD.
 7957005 F 1:10-3:00
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$40.00

FOODSERVICE MGT II HRI 392 3 CREDITS
 Prereq: HRI 391
 Note: CREDIT IN HRI 392 MAY NOT BE APPLIED TOWARD
 THE DEGREE REQUIREMENTS FOR THE MAJOR IN HOSPITALITY
 MANAGEMENT. CREDIT FOR EITHER HRI 392, OR HRI 233 AND
 HRI 333 MAY BE APPLIED TOWARD GRADUATION.
 7619005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

HOSPITAL FINANCL MGT HRI 433 3 CREDITS
 Prereq: HRI 333; ACCT 284; ECON 101; CREDIT OR
 ENROLLMENT IN STAT 101
 9349005 A MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

LODGING OPER MGT II HRI 452 3 CREDITS
 Prereq: HRI 352; CREDIT OR ENROLLMENT IN HRI 333
 Note: Available for nonmajor graduate credit
 6696005 MW 4:10-5:30
 MEETS: JAN 13-MAY 9

INTR STRATG MGT F&L HRI 455 3 CREDITS
 Prereq: AESHM 340; CR OR ENROLLMENT IN
 HRI 433 AND AESHM 438
 9580005 1 M 10:00-11:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 9

ISSUES FOOD SAFETY HRI 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS
 HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
 8349005 MW 2:10-3:00 RAJAGOPAL L
 MEETS: JAN 13-MARCH 7

IND ST HOSPITALITY 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

CURR ISS HSPLY MGT HRI 506 1 CREDIT
 3458005 1 F 3:10-5:00
 MEETS: JAN 13-MARCH 7
 3458600 XW ARRANGED RAJAGOPAL L
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

HSPLY FINAN DECISN HRI 533 3 CREDITS
 Prereq: HRI 433
 9350005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

HR DEVEL IN HSPLY HRI 538 3 CREDITS
 Prereq: AESHM 438
 5977005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

STRATGC MGT HSPLY HRI 555 3 CREDITS
 Prereq: COURSES IN MARKETING, FINANCE, HRI
 AND MANAGEMENT
 4230005 1 M 10:00-11:50
 W 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MAY 9

SP TOP HOSPITALITY MGT HRI 590B VAR. CREDITS
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND
 SUBMISSION OF APPLICATION TO DEPARTMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOTEL RESTAURANT & INSTITUTION MGMT (CONTINUED)

SP TOP LODGING OPER HRI 590D VAR. CREDITS
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND
 SUBMISSION OF APPLICATION TO DEPARTMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CMMRC FDSRV HRI 590E VAR. CREDITS
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND
 SUBMISSION OF APPLICATION TO DEPARTMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HRI 599 VAR. CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONL WRITING HRI 604 2 CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM
 8484600 XW ARRANGED RAJAGOPAL L
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

ADMINISTRA PROBLEMS HRI 608 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; ENROLLMENT
 IN PH.D. PROGRAM
 Note: Instructor permission required 1st week.
 4399005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 4399600 XA ARRANGED BOSSELMAN R
 MEETS: JAN 13-MAY 9
 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 HOSP FINAN MGT HRI 633 3 CREDITS
 Prereq: HRI 433; ENROLLMENT IN PH.D. PROGRAM
 4397005 1 ARRANGED
 MEETS: JAN 13-MAY 9

ADV TOP HSPLY MGT HRI 690B VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION
 OF APPLICATION TO DEPARTMENT
 2664005 ARRANGED
 MEETS: JAN 13-MAY 9
 2664015 EB ARRANGED
 MEETS: JAN 13-MAY 9
 2664030 LR ARRANGED
 MEETS: JAN 13-MAY 9
 2664031 LT ARRANGED
 MEETS: JAN 13-MAY 9
 2664056 SL ARRANGED LEE S
 MEETS: JAN 13-MAY 9
 2664079 TS ARRANGED
 MEETS: JAN 13-MAY 9
 2664080 TZ ARRANGED
 MEETS: JAN 13-MAY 9
 2664600 XA ARRANGED BOSSELMAN R
 MEETS: JAN 13-MAY 9
 Note: CONTACT ROBERT BOSSELMAN FOR PERMISSION TO
 REGISTER AT 515-294-8550/DRBOB@IASTATE.EDU.
 SEC XA OFFERED FOR 1-3 CREDITS SPRING 2014.
 Instructor permission required.
 Section XA is off campus
 Course delivery is Independent study

ADV TOPIC LODGING HRI 690D VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION
 OF APPLICATION TO DEPARTMENT
 2703005 1 ARRANGED
 MEETS: JAN 13-MAY 9

ADV TOP CMMRC FDSRV HRI 690E VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION
 OF APPLICATION TO DEPARTMENT
 2800600 XA ARRANGED BOSSELMAN R
 MEETS: JAN 13-MAY 9
 Note: CONTACT ROBERT BOSSELMAN FOR PERMISSION TO
 REGISTER AT 515-294-8550/DRBOB@IASTATE.EDU.
 SEC XA OFFERED FOR 1-3 CREDITS SPRING 2014.
 Instructor permission required.
 Section XA is off campus
 Course delivery is Independent study

RESEARCH HRI 699 VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN COMPUTER INTERACTION

MNG&EVAL TEC INTRVN HCI 504 3 CREDITS
 Prereq: C I 501
 1781005 R 5:10-8:00PM
 MEETS: JAN 13-MAY 9

HUMAN COMPUTER INTERACTION (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

COMPUTNL ANALY ENGL HCI 520 3 CREDITS
 Prereq: ENGL 510 AND ENGL 511
 6975005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9

METHDS HUMAN&CMPUTR HCI 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7055005 TR 11:00-12:20 GILBERT S
 MEETS: JAN 13-MAY 9
 7055600 XE ARRANGED JORDAN Z
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

AUGMENTED REALITY HCI 571X 3 CREDITS
 Prereq: M E 557 OR CPR E 557 OR COM S 557 OR
 EQUIVALENT COMPUTER GRAPHICS EXPERIENCE
 9709005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 9709600 XE ARRANGED RADKOWSKI R
 MEETS: JAN 13-MARCH 7
 Note: Section XE is off campus
 Course delivery is WWW

COMPUT IMPL&PROTYP HCI 574 3 CREDITS
 9226005 A MWF 2:10-3:00 HARDING C
 MEETS: JAN 13-MAY 9
 9226600 XE ARRANGED HARDING C
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

COMPUTATNL PERCEPTN HCI 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 3245005 TR 2:10-3:30 SINAPOV J
 MEETS: JAN 13-MAY 9
 3245600 XE ARRANGED SINAPOV J
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

DESIGN AND ETHICS HCI 589 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 4956005 F 2:10-5:00
 MEETS: JAN 13-MAY 9
 4956600 XE ARRANGED SATTERFIELD D
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

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 2013
 3509005 A F 12:10-1:00 GILBERT S
 MEETS: JAN 13-MAY 9
 3509600 XE ARRANGED GILBERT S
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

HCI DESIGN,IMPLEMNT HCI 598 3 CREDITS
 Prereq: 21 CREDITS IN HCI OR INSTRUCTOR PERMISSN
 3368600 XE ARRANGED PETERS C
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

CREATIVE COMPONENT HCI 599 3 CREDITS
 Satisfactory-Fail Only.
 6700005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV LRN ENVIR DSIGN HCI 603 3 CREDITS
 Prereq: C I 503
 1844005 T 5:10-8:00PM
 MEETS: JAN 13-MAY 9

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

INDV&FAM LIFE DEVEL HD FS 102 3 CREDITS
 3491600 XW ARRANGED SENIA J
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 3491005 1A TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO COLLEGE OF HUMAN SCIENCES
 MAJORS ONLY.
 3491010 1B TR 9:30-10:50
 MEETS: JAN 13-MAY 9

PRO PRINCP CHLD PRG HD FS 103 .5 CREDIT
 Satisfactory-Fail Only.
 4950005 ARRANGED
 MEETS: JAN 13-MAY 9

PRO PRIN YTH&AD PRG HD FS 105 .5 CREDIT
 Satisfactory-Fail Only.
 4951005 ARRANGED
 MEETS: JAN 13-MAY 9

TRNSFR STDNT ORIENT HD FS 111 1 CREDIT
 Prereq: CLASSIFICATION AS A CH FS, FCEDS OR
 FFHP MAJOR
 Note: COURSE RESTRICTED TO HD FS MAJORS ONLY.
 Satisfactory-Fail Only.
 7003005 M 2:10-3:00
 MEETS: JAN 13-MAY 9

PRSNL FIN ERLY ADLT HD FS 183 1 CREDIT
 Satisfactory-Fail Only.
 7594605 XV ARRANGED NATION J
 MEETS: MARCH 10-MAY 9
 Note: Section XV is off campus
 Course delivery is WWW
 7594600 XW ARRANGED NATION J
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

ERLY CHLDHD ED ORIE HD FS 208 1 CREDIT
 Satisfactory-Fail Only.
 4390005 W 8:00-8:50
 MEETS: JAN 13-MAY 9
 Note: COURSE RESTRICTED TO ECE MAJORS ONLY

PRO ORIENT&SRVC LRN HD FS 218 2 CREDITS
 Prereq: HD FS 102. CLASSIFICATION AS A CH FS
 MAJOR.
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FFHP,
 & HD FS MAJORS ONLY
 Satisfactory-Fail Only.
 2190005 W 2:10-4:00
 MEETS: JAN 13-MAY 9

DEVELPMT BIRTH-8YRS HD FS 224 3 CREDITS
 Prereq: HD FS 102
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS MAJORS.
 LAB PLACEMENT ASSIGNED AT FIRST LECTURE.
 Department permission required 1st week.

- 7011005 1 TR 12:40-2:00
M 8:00-8:50
MEETS: JAN 13-MAY 9
- 7011010 2 TR 12:40-2:00
T 8:00-8:50
MEETS: JAN 13-MAY 9
- 7011015 3 TR 12:40-2:00
W 8:00-8:50
MEETS: JAN 13-MAY 9
- 7011020 4 TR 12:40-2:00
R 8:00-8:50
MEETS: JAN 13-MAY 9
- 7011025 5 TR 12:40-2:00
F 8:00-8:50
MEETS: JAN 13-MAY 9
- 7011030 6 TR 12:40-2:00
M 3:10-4:00
MEETS: JAN 13-MAY 9
- 7011035 7 TR 12:40-2:00
T 3:10-4:00
MEETS: JAN 13-MAY 9
- 7011040 8 TR 12:40-2:00
W 3:10-4:00
MEETS: JAN 13-MAY 9
- 7011045 9 TR 12:40-2:00
R 3:10-4:00
MEETS: JAN 13-MAY 9
- 7011050 10 TR 12:40-2:00
F 3:10-4:00
MEETS: JAN 13-MAY 9
- 7011055 11 TR 12:40-2:00
M 4:10-5:00
MEETS: JAN 13-MAY 9
- 7011060 12 TR 12:40-2:00
T 4:10-5:00
MEETS: JAN 13-MAY 9
- 7011065 13 TR 12:40-2:00
W 4:10-5:00
MEETS: JAN 13-MAY 9
- 7011070 14 TR 12:40-2:00
R 4:10-5:00
MEETS: JAN 13-MAY 9
- 7011075 15 TR 12:40-2:00
F 4:10-5:00
MEETS: JAN 13-MAY 9

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

DEV&GUID MID CHILDH HD FS 226 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 Note: LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST LECTURE CLASS. PROOF OF LIABILITY INSURANCE AND A BACKGROUND CHECK ARE REQUIRED - ASSOCIATED COSTS ARE THE RESPONSIBILITY OF THE STUDENT.

2193010 1 TR 9:30-10:50
 M 3:10-6:00PM
 MEETS: JAN 13-MAY 9

2193015 2 TR 9:30-10:50
 T 3:10-6:00PM
 MEETS: JAN 13-MAY 9

2193020 3 TR 9:30-10:50
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9

2193025 4 TR 9:30-10:50
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9

2193030 5 TR 9:30-10:50
 F 3:10-6:00PM
 MEETS: JAN 13-MAY 9

ADOLESC&EMRGING ADU HD FS 227 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 6972005 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

ADULT DEVELPM&AGING HD FS 234 3 CREDITS
 Prereq: HD FS 102
 3401005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

LIT FOR CHILDREN HD FS 240 3 CREDITS
 Prereq: 102 OR PSYCH 230
 Note: Meets U.S. diversity reqmt
 2194005 A1 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO CH FS, ECE, EL ED, FCEDS MAJORS ONLY.

2194010 A2 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: FOR MAJORS OTHER THAN EL ED, ECE & CH FS MAJORS ONLY.

PRNT&FAM DVRSTY ISS HD FS 249 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2207005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS AND FFHP MAJORS ONLY.

2207010 2 TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 Note: SEC 2 FOR MAJORS OTHER THAN CH FS, ECE, FCEDS, FFHP.

RSRCH IN HUM DV&FAM HD FS 269 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 2197005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

FAMILY CMM&RELATNSH HD FS 270 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FFHP MAJORS ONLY

7012005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

HUMAN SEXUALITY HD FS 276 3 CREDITS
 Note: Meets U.S. diversity reqmt

3496005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

3496010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO FCEDS, C H E & CH FS MAJORS

3496015 3 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

3496605 XV ARRANGED RYHERD L
 MEETS: JAN 13-MAY 9
 Note: Section XV is off campus
 Course delivery is WWW

3496600 XW ARRANGED AARON L
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

PRSNL&FAMILY FINANC HD FS 283 3 CREDITS
 3499005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

3499600 XW ARRANGED NATION J
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

FLD EXP EARLY CHILD HD FS 317A 1- 6 CREDITS
 Prereq: HS FS 343
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMILY SERV HD FS 317B 1- 6 CREDITS
 Prereq: 9 CREDITS IN HD FS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP EARLY SP ED HD FS 317C 1- 6 CREDITS
 Prereq: HS FS 224
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EX CARE 5+YROLL HD FS 317D 1- 6 CREDITS
 Prereq: HD FS 226, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP INF/TODDLER HD FS 317E 1- 6 CREDITS
 Prereq: HD FS 340, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXPRNC RESEARCH HD FS 317F 1- 6 CREDITS
 Prereq: HD FS 269, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMLY FNANC HD FS 317G 1- 6 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FIELD EXP HOUS PROG HD FS 317K 1- 6 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ASS'MT&CUR:BRTH-2YR HD FS 340 4 CREDITS
 Prereq: HD FS 224; ADMISSION TO TEACHER EDUC PROGRAM
 Note: LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST LECTURE CLASS. PROOF OF LIABILITY INSURANCE AND A BACKGROUND CHECK ARE REQUIRED - ASSOCIATED COSTS ARE THE RESPONSIBILITY OF THE STUDENT.

8686005 1 TR 3:40-4:55
 M 9:00-12:30
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.

8686010 2 TR 3:40-4:55
 T 9:00-12:30
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.

8686015 3 TR 3:40-4:55
 W 9:00-12:30
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.

8686020 4 TR 3:40-4:55
 R 9:00-12:30
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.

8686025 5 TR 3:40-4:55
 F 9:00-12:30
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.

GUIDNC&GRP ERLY CHD HD FS 342 3 CREDITS
 Prereq: HD FS 224
 Note: COURSE RESTRICTED TO CH FS, ECE MAJORS ONLY.
 LAB PLACEMENT ASSIGNED AT FIRST LECTURE.
 Department permission required 1st week.

3414005 1 TR 2:10-3:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 9

3414010 2 TR 2:10-3:00
 T 12:10-1:00
 MEETS: JAN 13-MAY 9

3414015 3 TR 2:10-3:00
 W 12:10-1:00
 MEETS: JAN 13-MAY 9

3414020 4 TR 2:10-3:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 9

3414025 5 TR 2:10-3:00
 F 12:10-1:00
 MEETS: JAN 13-MAY 9

3414030 6 TR 2:10-3:00
 M 3:10-4:00
 MEETS: JAN 13-MAY 9

3414035 7 TR 2:10-3:00
 T 3:10-4:00
 MEETS: JAN 13-MAY 9

3414040 8 TR 2:10-3:00
 W 3:10-4:00
 MEETS: JAN 13-MAY 9

3414045 9 TR 2:10-3:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 9

3414050 10 TR 2:10-3:00
 F 3:10-4:00
 MEETS: JAN 13-MAY 9

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

ASS'MT&PROG:AGE 3-6 HD FS 343 4 CREDITS
 Prereq: HD FS 224; HD FS 240; ADMISSION TO
 TEACHER EDUCATION PROGRAM
 Note: COURSE RESTRICTED TO CH FS, ECE SOPHOMORES AND
 ABOVE. LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST
 LECTURE CLASS. PROOF OF LIABILITY INSURANCE AND A
 BACKGROUND CHECK ARE REQUIRED - ASSOCIATED COSTS
 ARE THE RESPONSIBILITY OF THE STUDENT.
 2205005 1 TR 3:40-5:00
 M 9:00-12:30
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.
 2205010 2 TR 3:40-5:00
 T 9:00-12:30
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.
 2205015 3 TR 3:40-5:00
 W 9:00-12:30
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.
 2205020 4 TR 3:40-5:00
 R 9:00-12:30
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.
 2205025 5 TR 3:40-5:00
 F 9:00-12:30
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.

CHILD EARLY CARE&ED HD FS 344 4 CREDITS
 Prereq: HD FS 224
 Note: COURSE RESTRICTED TO CH FS MAJORS ONLY.
 PROOF OF LIABILITY INSURANCE AND A BACKGROUND CHECK
 ARE REQUIRED - ASSOCIATED COSTS ARE THE
 RESPONSIBILITY OF THE STUDENT.
 1351005 1 TR 9:30-10:50
 M 2:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.
 1351010 2 TR 9:30-10:50
 T 2:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.
 1351015 3 TR 9:30-10:50
 W 2:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.
 1351020 4 TR 9:30-10:50
 R 2:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.
 1351025 5 TR 9:30-10:50
 F 2:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.

ADAPT PROG INCL SET HD FS 345 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN HD FS
 340 OR HD FS 343; SP ED 250
 Note: COURSE RESTRICTED TO CH FS, ECE JUNIORS
 AND SENIORS ONLY.
 4449005 TR 12:40-2:00
 ARRANGED
 MEETS: JAN 13-MAY 9

ABUSE&ILL IN FAMILI HD FS 367 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 9193005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS, FFHP,
 MAJORS ONLY
 9193600 XW ARRANGED BICKELHAUPT S
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

DEATH PART OF LIVNG HD FS 373 3 CREDITS
 Prereq: HD FS 102
 3505005 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 3505600 XW ARRANGED SAMPLE G
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

RETIREM PLN&BENEFCTS HD FS 378 3 CREDITS
 Prereq: 3 CR PRIN OF ECONOMICS, 3 CR IN HD FS
 Note: Meets U.S. diversity reqmt
 5751005 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

CHLD, FAM&PUB POLCY HD FS 395 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCIENCES
 1155005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

SUP TCH EARLY SP ED HD FS 417C 8 CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION PROGRAM, HD FS 455; HD FS 456, TEACHING
 EXPERIENCE WITH PRESCHOOL CHILDREN WITH DISABILITIES
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2213005 1A ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2213015 1R ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2213010 2A ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 2213020 2R ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

PRO PRAC RFLCT:TCHR HD FS 418A .5 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN HD FS 417
 Satisfactory-Fail Only.
 4952005 ARRANGED
 MEETS: JAN 13-MAY 9

PRG EVAL&PROPOS WRI HD FS 449 3 CREDITS
 Prereq: HD FS 269, HD FS 395
 Note: RESTRICTED TO CH FS, ECE, FFHP, SENIORS ONLY
 Available for nonmajor graduate credit
 2221005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

CURR--AGES 3 THRU 6 HD FS 455 4 CREDITS
 Prereq: HD FS 343, HD FS 345, SP ED 355 AND SP ED
 455
 Note: Available for nonmajor graduate credit
 2222005 1 TR 2:10-3:30
 M 8:00-11:50
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.
 2222010 2 TR 2:10-3:30
 T 8:00-11:50
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.
 2222015 3 TR 2:10-3:30
 R 8:00-11:50
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.
 2222020 4 TR 2:10-3:30
 F 8:00-11:50
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.

BUILD PARTNERSH&FAM HD FS 456 3 CREDITS
 Prereq: HD FS 340, HD FS 345
 Note: Available for nonmajor graduate credit
 7563005 1 TR 12:40-1:55
 MEETS: JAN 13-MAY 9

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 11:00-12:15
 MEETS: JAN 13-MAY 9

FAMILY INTERACT DYN HD FS 479 3 CREDITS
 Prereq: HD FS 102 OR EQUIVALENT; HD FS 269 OR
 EQUIVALENT; 9 HOURS IN SOCIAL SCIENCES; JUNIOR OR
 SENIOR STATUS
 Note: Available for nonmajor graduate credit
 3524005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

ADMIN PRGS CHLD&FAM HD FS 486 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION; 6 CREDITS IN HD FS
 AT 300 LEVEL AND ABOVE
 3619005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

FINANC COUNSEL LAB HD FS 489L 1 CREDIT
 Prereq: HD FS 489, INSTRUCTOR PERMISSION
 8102005 1 ARRANGED
 MEETS: JAN 13-MAY 9

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

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

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

IND ST HUM DEV&FMLY HD FS 490I VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY POLICY PRG HD FS 490L VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4- 9 CREDITS
 Prereq: HD FS 418B; PERMISSION OF INSTRUCTOR;
 SENIOR CLASSIFICATION; MINIMUM 2.0 GPA; RESERVATION
 REQUIRED ONE SEMESTER BEFORE PLACEMENT
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HD FS 499 1- 6 CREDITS
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM
 STUDENT PROPOSED TO WORK, CONSULT DEPARTMENT OFFICE
 FOR PROCEDURES
 ***** SEE DEPT FOR REFERENCE NUMBERS

QNTV RESRCH METHODS HD FS 503 3 CREDITS
 Prereq: STAT 401 OR RESEV 553, CONCURRENT
 ENROLLMENT IN HD FS 505
 3544005 T 6:00-8:40PM
 MEETS: JAN 13-MAY 9

APP QNTVE RSRCH MTH HD FS 505 3 CREDITS
 Prereq: STAT 401 OR RESEV 553, CONCURRENT
 ENROLLMENT IN HD FS 503
 Note: CONCURRENT ENROLLMENT IN HD FS 503 & 505 REQUIRED
 7057005 W 5:10-7:00PM
 ARRANGED
 MEETS: JAN 13-MAY 9

FAMILY THEORY HD FS 511 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES
 7701005 M 1:10-3:50
 MEETS: JAN 13-MAY 9

ENVIR FOR THE AGING HD FS 563 3 CREDITS
 Prereq: HD FS 360 OR 3 CREDITS IN HOUSING,
 ARCHITECTURE, INTERIOR DESIGN, REHABILITATION,
 PSYCHOLOGY, OR HUMAN DEVELOPMENT AND FAMILY STUDIES
 Note: Meets U.S. diversity reqmt
 4474005 TR 11:00-12:15
 MEETS: JAN 13-MAY 9

DEVELMTAL ASSESSMNT HD FS 568 3 CREDITS
 Prereq: HD FS 510
 8132005 R 6:10-8:50PM
 MEETS: JAN 13-MAY 9

CROSS-CULTR PERSPCT HD FS 575 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCIENCES
 Note: Meets international perspectives reqmt
 3556600 XW ARRANGED MAUDE S
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

AGING IN FAMLY SETT HD FS 577 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES
 3557005 R 9:00-11:40
 MEETS: JAN 13-MAY 9

INVESTG&FAMLY FUTUR HD FS 583 3 CREDITS
 Prereq: HD FS 483
 3655600 XW ARRANGED FOX J
 MEETS: JAN 13-MAY 9
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU.
 Course delivery is WWW
 Section XW is off campus
 Course delivery is WWW

FINANC COUNSEL LAB HD FS 589L 1 CREDIT
 Prereq: INSTRUCTOR PERMISSION
 3510005 1 ARRANGED
 MEETS: JAN 13-MAY 9

SP TOP HUMAN,FAMILY HD FS 590I VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV,FAMLY HD FS 591I VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HD FS 599 VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV QUANTITAT METHD HD FS 603 3 CREDITS
 Prereq: HD FS 503; HD FS 505; STAT 402 OR
 STAT 404
 2239005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

ADV QUALITVE METHDS HD FS 604 3 CREDITS
 Prereq: HD FS 504
 3586005 W 1:10-3:50
 MEETS: JAN 13-MAY 9

ADV STRUC EQUA&LNGI HD FS 606 3 CREDITS
 Prereq: HD FS 603 OR STAT 404
 4011005 W 9:00-11:40
 MEETS: JAN 13-MAY 9

INFANT MENTL HEALTH HD FS 633 3 CREDITS
 Prereq: HD FS 510
 2267600 XW ARRANGED HUGHES-BELDING K
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

ADOLESC&EMERGI ADLT HD FS 634 3 CREDITS
 Prereq: HD FS 510
 2264600 XW ARRANGED LOHMAN B
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

ADV TOP HUMAN DEVEL HD FS 690D 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

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

PRO EXPER INTERNSHP HD FS 691D VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY STUDIE HD FS 699A VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HUMAN DEV HD FS 699D VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CHILD DEV HD FS 699E 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

RSRCH FAMILY POLICY HD FS 699N VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN SCIENCES

DIALOG ON DIVERSITY H SCI 150 1 CREDIT
 Note: Meets U.S. diversity reqmt
 6929005 1 M 1:10-3:00
 MEETS: MARCH 10-MAY 9
 6929010 2 T 1:10-3:00
 MEETS: MARCH 10-MAY 9
 6929015 3 W 1:10-3:00
 MEETS: MARCH 10-MAY 9
 6929020 4 M 3:10-5:00
 MEETS: MARCH 10-MAY 9
 6929025 5 T 3:10-5:00
 MEETS: MARCH 10-MAY 9
 6929030 6 W 3:10-5:00
 MEETS: MARCH 10-MAY 9

HUMAN SCIENCES

(CONTINUED)

INT'L LEADRSH SEMNR H SCI 482 3 CREDITS
 Prereq: PERMISSION OF THE SEMINAR LEADER
 Note: Meets international perspectives reqmt
 5901005 ARRANGED
 MEETS: JAN 13-MAY 9

IND STDY ENTREPRNSH H SCI 490E 1- 4 CREDITS
 5101005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

INT'L LEADRSH SEMNR H SCI 582 3 CREDITS
 Prereq: PERMISSION OF THE SEMINAR LEADER
 5933005 ARRANGED
 MEETS: JAN 13-MAY 9

IMMUNOBIOLOGY

SEMINAR IMMUNOBIOLOG IMBIO 604 1 CREDIT
 5949005 ARRANGED
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS IMBIO 690 VAR. CREDITS
 5986005 ARRANGED
 MEETS: JAN 13-MAY 9

GRAD RSEARCH ROTATN IMBIO 697 VAR. CREDITS
 5991005 ARRANGED
 MEETS: JAN 13-MAY 9

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

INDUSTRIAL DESIGN

INDUS DSGN STDIO II IND D 202 6 CREDITS
 Prereq: IND D 201
 5972005 1 MWF 9:00-12:20
 MEETS: JAN 13-MAY 9
 5972010 2 MWF 1:10-4:20
 MEETS: JAN 13-MAY 9

CREATIV THINK IND D IND D 232 3 CREDITS
 Prereq: IND D 231
 5962005 TR 8:00-9:20
 MEETS: JAN 13-MAY 9

INDUS DSGN STDIO IV IND D 302 6 CREDITS
 Prereq: IND D 301
 6020005 1 MWF 1:10-4:30
 MEETS: JAN 13-MAY 9
 6020010 2 MWF 9:00-12:20
 MEETS: JAN 13-MAY 9

IND DSN MATRLS&PROC IND D 334X 3 CREDITS
 Prereq: IND D 201, IND D 231
 9613005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

CPTR-AID INDUS DS I IND D 341 3 CREDITS
 Prereq: IND D 301
 6026005 1 TR 8:00-10:50
 MEETS: JAN 13-MAY 9

HIST INDUSTR DESIGN IND D 388X 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9597005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

INDUS DSN INTERNSHP IND D 397 6 CREDITS
 Prereq: IND D 202, 18 CR IN INDUSTRIAL DESIGN,
 PERMISSION OF INSTRUCTOR
 6164005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

STUDY ABROAD OPTION IND D 495 6 CREDITS
 Prereq: IND D 301, PERMISSION OF INSTRUCTOR
 6351005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

SENIOR PROJECT IND D 499 6 CREDITS
 Prereq: IND D 302 OR 401 OR 507; SENIOR STANDING
 3037005 1 MWF 9:00-12:20
 MEETS: JAN 13-MAY 9
 3037010 2 MWF 1:10-4:20
 MEETS: JAN 13-MAY 9

INDU STDIO INTNSV II IND D 502 6 CREDITS
 Prereq: ADMISSION INTO THE INDUSTRIAL DESIGN
 STUDIO INTENSIVE TRACK OR GRADUATE STANDING IN THE
 INDUSTRIAL DESIGN PROGRAM
 6862005 MWF 1:10-4:30
 MEETS: JAN 13-MAY 9

INDUSTRIAL DESIGN

(CONTINUED)

INDUS DSGN STDIO II IND D 504 6 CREDITS
 Prereq: IND D 502
 5027005 MWF 9:00-12:20
 MEETS: JAN 13-MAY 9

INDUS DSN PRACTICUM IND D 507 6 CREDITS
 Prereq: EVIDENCE OF SATISFACTORY EXPERIENCE IN
 AREA OF SPECIALIZATION; ADMITTED BY APPLICATION
 AND WRITTEN PERMISSION OF INSTRUCTOR ONLY
 6966005 MWF 9:00-12:20
 MEETS: JAN 13-MAY 9

COLLOQUIUM IND D 511 1 CREDIT
 Prereq: ADMISSION INTO THE GRADUATE INTENSIVE
 OF GRADUATE STANDING IN THE INDUSTRIAL DESIGN
 PROGRAM
 3089005 M 11:00-11:50
 MEETS: JAN 13-MAY 9

DESIGN THINKING IND D 532 3 CREDITS
 Prereq: ADMISSION TO THE GRADUATE INTENSIVE
 TRACK OR GRADUATE STANDING IN THE INDUSTRIAL
 DESIGN PROGRAM
 3113005 TR 8:00-9:20
 MEETS: JAN 13-MAY 9

PRODUCT REALIZATION IND D 534X 3 CREDITS
 Prereq: ADMISSION INTO THE INDUSTRIAL DESIGN
 INTENSIVE TRACK, IND D 301, OR PERMISSION OF
 INSTRUCTOR
 9636005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

CPTR AIDED INDU DSN IND D 541 3 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
 OR PERMISSION OF INSTRUCTOR
 3135005 TR 2:10-5:00
 MEETS: JAN 13-MAY 9

PORTFOLIO&PRO PRCTC IND D 543 3 CREDITS
 Prereq: SENIOR OR GRAD STANDING IN IND D PROGRAM
 3176005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS IND D 590 3 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
 OR PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROJECTS IND D 592 VAR. CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR
 PERMISSION OF INSTRUCTOR
 4181005 ARRANGED
 MEETS: JAN 13-MAY 9

INTERNSHIP IND D 597 6 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
 OR PERMISSION OF INSTRUCTOR
 9463005 ARRANGED
 MEETS: JAN 13-MAY 9

INDUSTRIAL ENGINEERING

INDUS ENGR PROFESSN I E 101 R CREDIT
 Satisfactory-Fail Only.
 4402005 T 3:10-4:00
 MEETS: JAN 13-MAY 9

INFO ENGINEERING I E 148 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 142
 Note: COURSE RESTRICTED TO I E MAJORS ONLY. CREDIT
 IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED
 TOWARD GRADUATION: I E 148, ENGR 160, AER E 160,
 C E 160, M E 160, CPR E 185, E E 185, S E 185.
 5037005 A TR 10:00-11:50
 MEETS: JAN 13-MAY 9

METHDS SYS IMPRVMTS I E 222 3 CREDITS
 Prereq: I E 248; CREDIT OR ENROLLMENT IN I E 271
 Note: COURSE RESTRICTED TO I E MAJORS ONLY
 5140005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

APP ERGON& WORK DSN I E 271 3 CREDITS
 Prereq: PHYS 221
 5169005 Al MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SCC A1 RESTRICTED TO I E MAJORS ONLY

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

INDUSTRIAL ENGINEERING (CONTINUED)

ENGR ECONOMIC ANALY I E 305 3 CREDITS
 Prereq: MATH 166
 Note: SEC A1,B1,ETC RESTRICTED TO I E MAJORS ONLY.
 SEC A2,B2,ETC FOR TO MAJORS OTHER THAN I E.
 Available for nonmajor graduate credit
 Night exams scheduled. For dates go to
 http://www.registrar.iastate.edu/students/exams/
 night-exams.

4425005 A1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

4425010 A2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

4425015 B1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

4425020 B2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

4425600 XE ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

SOLIDIFICATN PROCES I E 348 3 CREDITS
 Prereq: I E 248 AND MAT E 273
 Note: COURSE RESTRICTED TO I E MAJORS ONLY, OTHER
 MAJORS BY PERMISSION OF INSTRUCTOR. LECTURE MEETS
 30 OF 45 PERIODS. SEE SYLLABUS. 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

5810200 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

5810005 A T 8:00-9:50
 MEETS: JAN 13-MAY 9

5810010 B R 8:00-9:50
 MEETS: JAN 13-MAY 9

5810015 C T 10:00-11:50
 MEETS: JAN 13-MAY 9

5810020 D R 10:00-11:50
 MEETS: JAN 13-MAY 9

5810025 E T 1:10-3:00
 MEETS: JAN 13-MAY 9

5810030 F R 1:10-3:00
 MEETS: JAN 13-MAY 9

5810035 G M 1:10-3:00
 MEETS: JAN 13-MAY 9

5810040 J W 1:10-3:00
 MEETS: JAN 13-MAY 9

5810045 K F 1:10-3:00
 MEETS: JAN 13-MAY 9

STAT QUALITY ASSURN I E 361 3 CREDITS
 Prereq: STAT 231 OR STAT 301 OR STAT 326 OR
 STAT 401
 Note: Available for nonmajor graduate credit

4416005 A T 3:40-5:30, ARRANGED
 MEETS: JAN 13-MAY 9

4416010 B T 3:40-5:30, ARRANGED
 MEETS: JAN 13-MAY 9
 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: HRI 298, PERMISSN OF DEPARTMNT AND
 ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRL AUTOMATION I E 432X 3 CREDITS
 Prereq: PHYS 222
 Note: COURSE RESTRICTED TO I E MAJORS ONLY

9638005 A TR 12:40-1:55
 T 8:00-9:50
 MEETS: JAN 13-MAY 9

9638010 B TR 12:40-1:55
 T 10:00-11:50
 MEETS: JAN 13-MAY 9

9638015 C TR 12:40-1:55
 T 3:10-5:00
 MEETS: JAN 13-MAY 9

9638020 D TR 12:40-1:55
 R 8:00-9:50
 MEETS: JAN 13-MAY 9

9638025 E TR 12:40-1:55
 R 10:00-11:50
 MEETS: JAN 13-MAY 9

9638030 F TR 12:40-1:55
 R 3:10-5:00
 MEETS: JAN 13-MAY 9

9638035 G TR 12:40-1:55
 M 1:10-3:00
 MEETS: JAN 13-MAY 9

9638040 J TR 12:40-1:55
 W 1:10-3:00
 MEETS: JAN 13-MAY 9

INDUSTRIAL ENGINEERING (CONTINUED)

INDUSTR ENGR DESIGN I E 441 3 CREDITS
 Prereq: I E 248, I E 271, I E 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 F 2:10-3:00
 MW 12:10-2:00
 MEETS: JAN 13-MAY 9

4432010 B F 2:10-3:00
 MW 3:10-5:00
 MEETS: JAN 13-MAY 9

MANUFACT SYSTM ENGR I E 448 3 CREDITS
 Prereq: I E 248, I E 305
 Note: Available for nonmajor graduate credit

6090005 A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

6090600 XE ARRANGED JACKMAN J
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

TECHNICAL SALES II I E 451 3 CREDITS
 Prereq: I E 450
 Note: Available for nonmajor graduate credit

9088005 MWF 4:10-5:00
 MEETS: JAN 13-MAY 9

9088600 XE ARRANGED SLY D
 MEETS: JAN 13-MAY 9
 Section XE is off campus
 Course delivery is WWW

MULTIDISC ENGR DSGN I E 466 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF
 GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR

1902005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9

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
 Prereq: SENIOR CLASSIFICATION, PERMISSION OF
 INSTRUCTOR
 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: I E 298, PERMISSN OF DEPRMNT AND
 ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MS RESEARCH CONDUCT I E 502X R CREDIT
 Prereq: ENROLLMENT IN M.S. PROGRAM IN INDUSTRIAL
 ENGINEERING
 Satisfactory-Fail Only.

9553005 W 4:10-5:00
 MEETS: JAN 13-MAY 9

9553600 XE ARRANGED COMPONATION P
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

PRODUCTION SCHEDULG I E 514 3 CREDITS
 Prereq: I E 312, I E 341

4451005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

4451600 XE ARRANGED HU G
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

INDUSTRIAL ENGINEERING (CONTINUED)

INDUSTRIAL ENGINEERING (CONTINUED)

RELIABILITY I E 533 3 CREDITS
 Prereq: STAT 342 OR STAT 432 OR STAT 447
 4458005 TR 3:40-5:00
 MEETS: JAN 13-MAY 9

INVENTORY&PROD PLAN I E 541 3 CREDITS
 Prereq: I E 341
 4463005 TR 9:30-10:45
 MEETS: JAN 13-MAY 9
 4463600 XE ARRANGED MIN K
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

CON QUAL IMPRV PROC I E 561 3 CREDITS
 Prereq: I E 361
 7304005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 7304600 XE ARRANGED HEISING C
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

DECISN ANLY SYS DSN I E 564X 3 CREDITS
 Prereq: STAT 231, I E 305
 9552005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 9552600 XE ARRANGED COMPONATION P
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

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 8:00-9:15
 MEETS: JAN 13-MAY 9

HUMN FACTR PROD DSN I E 576 3 CREDITS
 Prereq: I E 577
 7393005 M 4:10-7:00PM
 MEETS: JAN 13-MAY 9

ENTRPRIS MODL&NTGRA I E 582 3 CREDITS
 Prereq: 3 CREDITS IN INFORMATION TECHNOLOGY OR
 INFORMATION SYSTEMS
 3560005 TR 2:10-3:25
 MEETS: JAN 13-MAY 9
 3560600 XE ARRANGED JACKMAN J
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

SPECIAL TOPICS I E 590 1- 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

PHD RSEARCH CONDUCT I E 602X R CREDIT
 Prereq: ENROLLMENT IN PH.D. PROGRAM IN INDUSTRIAL
 ENGINEERING
 Satisfactory-Fail Only.
 9563005 W 4:10-5:00
 MEETS: JAN 13-MAY 9

INTEGER PROGRAMMING I E 632 3 CREDITS
 Prereq: I E 534
 4484005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

COMPUTNL OPTIMIZATN I E 634 3 CREDITS
 Prereq: I E 534 OR EQUIVALENT
 4261005 TR 11:00-12:15
 MEETS: JAN 13-MAY 9

RES PRACTCM ERGONMC I E 671 3 CREDITS
 Prereq: I E 571 OR I E 577
 8912005 W 5:10-8:00PM
 MEETS: JAN 13-MAY 9

ADVANCED TOPICS I E 690 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP I E 697 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT
 Note: Department permission required.
 Satisfactory-Fail Only.
 7999005 ARRANGED
 MEETS: JAN 13-MAY 9

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 131 1 CREDIT
 Satisfactory-Fail Only.
 3495005 A MW 11:00-11:50
 MEETS: JAN 13-MARCH 7
 3495010 B MW 11:00-11:50
 MEETS: MARCH 10-MAY 9

INFORMATION WARFARE INFAS 532 3 CREDITS
 Prereq: CPR E 531
 8092005 TR 8:00-9:20
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 8098600 XE ARRANGED ALEXANDER R
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

INFO ASSUR LEGAL&ET INFAS 534 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, CPR E 531
 INFAS 531
 Note: RESTRICTED TO E CPE, COM S, AND INFAS GRAD
 STUDENTS ONLY
 8095005 A M 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 8095600 XW ARRANGED PETERS K
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

STEGANOG&DGT FORNSC INFAS 535 3 CREDITS
 Prereq: MATH 307 OR COM S 330 OR E E 524
 8509005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 8509600 XE ARRANGED DAVIDSON J
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

SEMNR INFO ASSURANC INFAS 592 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5025005 1 ARRANGED
 MEETS: JAN 13-MAY 9

INFO ASSUR CAPSTONE INFAS 632 3 CREDITS
 Prereq: CPR E 531, CPR E 532, CPR E 534
 1893005 ARRANGED
 MEETS: JAN 13-MAY 9

INTEGRATED STUDIO ARTS

CRTV VISUAL THINKING ARTIS 201 3 CREDITS
 7938005 A ARRANGED PAN H
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED COLLEGE OF DESIGN STUDENTS
 Course delivery is WWW

STUDIO FNDMTLS:WOOD ARTIS 202 2 CREDITS
 Prereq: SOPHOMORE LEVEL OR ABOVE
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9264005 A1 MW 8:00-10:50
 F 9:00-10:50
 MEETS: JAN 13-MARCH 7
 9264010 A2 MW 8:00-10:50
 F 9:00-10:50
 MEETS: JAN 13-MARCH 7
 9264015 B1 MW 8:00-10:50
 F 9:00-10:50
 MEETS: MARCH 10-MAY 9
 9264020 B2 MW 8:00-10:50
 F 9:00-10:50
 MEETS: MARCH 10-MAY 9

STDO FUND:JWLRY/MTL ARTIS 203 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9272005 A1 TR 2:10-5:00
 F 1:10-3:00
 MEETS: JAN 13-MARCH 7
 9272010 A2 TR 2:10-5:00
 F 1:10-3:00
 MEETS: JAN 13-MARCH 7
 9272015 B1 TR 2:10-5:00
 F 1:10-3:00
 MEETS: MARCH 10-MAY 9
 9272020 B2 TR 2:10-5:00
 F 1:10-3:00
 MEETS: MARCH 10-MAY 9

INTEGRATED STUDIO ARTS (CONTINUED)

STUDIO FUND: CERAMICS ARTIS 204 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION.
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9253005 A1 MW 2:10-5:00
 F 3:10-5:00
 MEETS: JAN 13-MARCH 7
 9253010 A2 MW 2:10-5:00
 F 3:10-5:00
 MEETS: JAN 13-MARCH 7
 9253015 B1 MW 2:10-5:00
 F 3:10-5:00
 MEETS: MARCH 10-MAY 9
 9253020 B2 MW 2:10-5:00
 F 3:10-5:00
 MEETS: MARCH 10-MAY 9

STUDIO FUND: PRINTMKG ARTIS 206 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION.
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9255005 A1 MW 2:10-5:00
 F 9:00-10:50
 MEETS: JAN 13-MARCH 7
 9255010 A2 MW 2:10-5:00
 F 9:00-10:50
 MEETS: JAN 13-MARCH 7
 9255015 B1 MW 2:10-5:00
 F 9:00-10:50
 MEETS: MARCH 10-MAY 9
 9255020 B2 MW 2:10-5:00
 F 9:00-10:50
 MEETS: MARCH 10-MAY 9

COLOR ARTIS 208 3 CREDITS
 Prereq: DSN S 102, DSN S 131, AND DSN S 183.
 REQUIRED FOR ALL ISA BFA STUDENTS.
 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 13-MAY 9

STUDIO FUND: PHOTO ARTIS 210 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION.
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9256005 A1 TR 2:10-5:00
 F 1:10-3:00
 MEETS: JAN 13-MARCH 7
 9256010 A2 TR 2:10-5:00
 F 1:10-3:00
 MEETS: JAN 13-MARCH 7
 9256015 B1 TR 2:10-5:00
 F 1:10-3:00
 MEETS: MARCH 10-MAY 9
 9256020 B2 TR 2:10-5:00
 F 1:10-3:00
 MEETS: MARCH 10-MAY 9

STUDIO FUND: CMPUTRS ARTIS 212 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION.
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9257005 A1 TR 12:40-4:30 STEWART A
 MEETS: JAN 13-MARCH 7
 9257010 A2 TR 12:40-4:30 STEWART A
 MEETS: JAN 13-MARCH 7
 9257015 B1 TR 12:40-4:30 STEWART A
 MEETS: MARCH 10-MAY 9
 9257020 B2 TR 12:40-4:30 STEWART A
 MEETS: MARCH 10-MAY 9

STUDIO FUND: PAINTNG ARTIS 213 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION.
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9266005 A1 MW 8:00-10:50
 F 3:10-5:00
 MEETS: JAN 13-MARCH 7
 9266010 A2 MW 8:00-10:50
 F 3:10-5:00
 MEETS: JAN 13-MARCH 7
 9266015 B1 MW 8:00-10:50
 F 3:10-5:00
 MEETS: MARCH 10-MAY 9
 9266020 B2 MW 8:00-10:50
 F 3:10-5:00
 MEETS: MARCH 10-MAY 9

STUDIO FUND: TEXTILE ARTIS 214 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION.
 9269005 A TR 12:40-4:30
 MEETS: JAN 13-MARCH 7
 9269010 B TR 12:40-4:30
 MEETS: MARCH 10-MAY 9

INTEGRATED STUDIO ARTS (CONTINUED)

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS
 Prereq: DSN S 102, DSN S 131 AND DSN S 183
 1983005 A MW 2:10-5:00 SLOAN D
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO COLLEGE OF DESIGN MAJORS

INTR CRTV DGT PHOTO ARTIS 227H 3- 4 CREDITS
 Prereq: DSN S 102, 131 AND 183
 Note: Instructor permission required.
 5467005 A MW 2:10-5:00, ARRANGED SLOAN D
 MEETS: JAN 13-MAY 9

DRAWING II ARTIS 230 3 CREDITS
 Prereq: DSN S 102, DSN S 183 AND DSN S 131
 Note: Instructor permission required 1st week.
 1779005 A TR 8:00-10:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.
 1779010 B MW 8:00-10:50 DRINKWATER J
 MEETS: JAN 13-MAY 9
 Note: SEC B RESTRICTED TO COLLEGE OF DESIGN MAJORS

PAINTING I ARTIS 238 3 CREDITS
 Prereq: ARTIS 230
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
 ARTIS, BPM I & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 7828005 A MW 1:10-4:00
 MEETS: JAN 13-MAY 9

INTEGRATED MEDIA ARTIS 305 3 CREDITS
 Prereq: 6 CREDITS OF 200 LEVEL STUDIO
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
 ARTID, & ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1771005 A MW 2:10-5:00
 MEETS: JAN 13-MAY 9

INTEGRATIVE MEDIA ARTIS 305H 3- 4 CREDITS
 Prereq: DSN S 102, 131 AND 183 AND 6 CREDITS
 OF ADDITIONAL ISA STUDIO AT 200+ LEVEL. MEMBERSHIP
 IN UNIVERSITY HONORS PROGRAM.
 Note: Instructor permission required.
 5591005 A MW 2:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9

CPTR MODL&VIR PHOTO ARTIS 308 3 CREDITS
 Prereq: ARTIS 230 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
 ARTID, ARTIS, BPM I & PBPMI MAJORS ONLY
 6423005 MW 11:00-2:00 CALL A
 MEETS: JAN 13-MAY 9

SOURCES VISUAL DSGN ARTIS 310 3 CREDITS
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
 ARTID & ARTIS MAJORS ONLY.
 6432005 A1 TR 1:10-3:20
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ARTFA, ARTIS MAJORS ONLY
 6432010 A2 TR 1:10-3:20
 MEETS: JAN 13-MAY 9

SOURCES VISUAL DSGN ARTIS 310H 3- 4 CREDITS
 Prereq: ART 230, 310 OR 310H IS REQUIRED OF
 ALL ISA BFA STUDENTS.
 Note: Instructor permission required.
 9379005 TR 1:10-3:20, ARRANGED
 MEETS: JAN 13-MAY 9

INTRO FURNITUR DSGN ARTIS 320 3 CREDITS
 Prereq: ARTIS 202
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1798005 A TR 9:30-12:20
 MEETS: JAN 13-MAY 9

INTMD CERAMCS STDIO ARTIS 322 3 CREDITS
 Prereq: ARTIS 204
 Note: COURSE RESTRICTED TO ARTF, ARTIS MAJOR ONLY
 Instructor permission required 1st week.
 1799005 A TR 1:10-4:00
 MEETS: JAN 13-MAY 9

JEWELR/METALSMTH II ARTIS 324 3 CREDITS
 Prereq: ARTIS 203 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 7237005 MW 2:10-5:00
 MEETS: JAN 13-MAY 9

ILLUSTRATN&I SOFTWR ARTIS 326 3 CREDITS
 Prereq: ARTIS 323
 Note: Instructor permission required 1st week.
 1657005 MW 6:10-9:00PM
 MEETS: JAN 13-MAY 9

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

CREATIVE PHOTOGRAPHY ARTIS 329 3 CREDITS
 Prereq: ARTIS 210 OR ARTIS 229 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY. Instructor permission required 1st week.
 1801005 MW 2:10-5:00 POWELL E
 MEETS: JAN 13-MAY 9

CREATIVE PHOTOGRAPHY ARTIS 329H 3- 4 CREDITS
 Prereq: ARTIS 210 OR ARTIS 229 OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 5734005 MW 2:10-5:00, ARRANGED POWELL E
 MEETS: JAN 13-MAY 9
 5734010 2 TR 9:30-12:20
 ARRANGED
 MEETS: JAN 13-MAY 9

DRAW III:LIFE DRWNG ARTIS 330 3 CREDITS
 Prereq: ARTIS 230
 Note: COURSE RESTRICTED TO ARTFA, ARTIS, BPM I & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1802005 A TR 11:00-2:00
 MEETS: JAN 13-MAY 9
 1802010 B TR 2:10-5:00
 MEETS: JAN 13-MAY 9

ALT MATRLS ARTIST/D ARTIS 331X 3 CREDITS
 Prereq: 200 LEVEL STUDIO COURSES OR PERMISSION OF INSTRUCTOR
 9637005 MW 9:00-11:50
 MEETS: JAN 13-MAY 9

THREE-DIMENS STUDIO ARTIS 335 3 CREDITS
 1806005 A TR 9:30-11:50 SHAO P
 ARRANGED SHAO P
 MEETS: JAN 13-MAY 9
 1806010 B TR 12:40-3:00 SHAO P
 ARRANGED SHAO P
 MEETS: JAN 13-MAY 9

THREE-DIMENS STUDIO ARTIS 335H 3- 4 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
 Note: Instructor permission required.
 9262005 1 TR 12:40-3:20 SHAO P
 ARRANGED SHAO P
 MEETS: JAN 13-MAY 9
 9262010 2 TR 9:30-11:50 SHAO P
 ARRANGED SHAO P
 MEETS: JAN 13-MAY 9

APP SCI ILLUSTR TCNQ ARTIS 337 3 CREDITS
 Prereq: ARTIS 327
 9104005 TR 2:10-5:00
 MEETS: JAN 13-MAY 9

PAINTING II ARTIS 338 3 CREDITS
 Prereq: ARTIS 238 OR ARTIS 213 AND ARTIS 230
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTID, ARTIS, BPM I & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 7832005 A TR 2:10-5:00
 MEETS: JAN 13-MAY 9

TEXTILE SURFACE DSGN ARTIS 346 3 CREDITS
 Prereq: ARTIS 214 OR PERMISSION OF INSTRUCTOR
 1835005 MW 9:00-11:50
 MEETS: JAN 13-MAY 9

TEXTILE SURFACE DSGN ARTIS 346H 3- 4 CREDITS
 Prereq: ARTIS 214
 Note: Instructor permission required.
 6139005 MW 9:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 9

LITHOGRAPHY:DG&TRAD ARTIS 358 3 CREDITS
 Prereq: ARTIS 206 AND CREDIT OR ENROLLMENT IN ARTIS 230
 Note: Instructor permission required 1st week.
 1810005 MW 9:00-11:50
 MEETS: JAN 13-MAY 9

BFA PRO PRACTICE ARTIS 399 2 CREDITS
 Prereq: JUNIOR CLASSIFICATION IN ART AND DESIGN BFA CURRICULUM.
 Note: COURSE RESTRICTED TO JRS & SRS
 2076005 R 6:10-9:30PM
 MEETS: JAN 13-MARCH 7

ADV FURNITURE DSGN ARTIS 420 3 CREDITS
 Prereq: ARTIS 320
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY. Available for nonmajor graduate credit
 Instructor permission required 1st week.
 1838005 A TR 11:00-1:50 MARTIN C
 MEETS: JAN 13-MAY 9

CERAMICS STUDIO ARTIS 422 3 CREDITS
 Prereq: ARTIS 322
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY. Available for nonmajor graduate credit
 Instructor permission required 1st week.
 1839005 A TR 3:10-6:00PM
 MEETS: JAN 13-MAY 9

CERAMICS STUDIO ARTIS 422H 3- 4 CREDITS
 Prereq: ARTIS 322
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 7002005 TR 3:10-6:00PM
 MEETS: JAN 13-MAY 9

JEWELR/METLSMTH III ARTIS 424 3 CREDITS
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA & ARTIS MAJORS ONLY. Available for nonmajor graduate credit
 Instructor permission required 1st week.
 7250005 MW 2:10-5:00
 MEETS: JAN 13-MAY 9

JEWELR/METLSMTH III ARTIS 424H 3- 4 CREDITS
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 7014005 MW 2:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9

ADVANCED PHOTOGRAPHY ARTIS 429 3 CREDITS
 Prereq: ARTIS 329
 Note: Available for nonmajor graduate credit
 1836005 MW 2:10-5:00 POWELL E
 MEETS: JAN 13-MAY 9

ADVANCED PHOTOGRAPHY ARTIS 429H 3- 4 CREDITS
 Prereq: ARTIS 329
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 7018005 MW 2:10-5:00, ARRANGED POWELL E
 MEETS: JAN 13-MAY 9

DRAWING ARTIS 430 3 CREDITS
 Prereq: ARTIS 330
 Note: COURSE RESTRICTED TO ARC, ARCH, 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 TR 9:30-12:20
 MEETS: JAN 13-MAY 9

PAINTING III ARTIS 438 3 CREDITS
 Prereq: ARTIS 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 13-MAY 9

DIGITL TXITILE DSGN ARTIS 448 3 CREDITS
 Prereq: 347
 Note: TOPIC: DIGITAL TEXTILE DESIGN
 2442005 TR 9:30-12:20
 MEETS: JAN 13-MAY 9

ADVANCED PRINTMAKING ARTIS 458 3 CREDITS
 Prereq: ARTIS 356, ARTIS 357, OR ARTIS 358, AND PERMISSION OF INSTRUCTOR
 1840005 MW 9:00-11:50
 MEETS: JAN 13-MAY 9

ADVANCED PRINTMAKING ARTIS 458H 3- 4 CREDITS
 Prereq: ARTIS 356, ARTIS 357, OR ARTIS 358, AND PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 6312005 MW 9:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 9

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. Materials and equipment use fee \$90.00
 ***** 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

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

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.
 Materials and equipment use fee \$70.00

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTIS 490H 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT.
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.

 SEE DEPT FOR REFERENCE NUMBERS

INDEP 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
 Note: Materials and equipment use fee \$25.00

 SEE DEPT FOR REFERENCE NUMBERS

IND STU PRINTMAKING ARTIS 490K 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$40.00

 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: ARTIS 399 AND SENIOR CLASSIFICATION IN
 THE ART AND DESIGN BFA CURRICULUM.
 Note: COURSE RESTRICTED TO SENIORS
 Satisfactory-Fail Only.
 1708005 R 6:10-8:30PM
 MEETS: MARCH 10-MAY 9

INTEGRATED MEDIA ARTIS 505 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: Instructor permission required 1st week.
 7553005 MW 2:10-5:00
 MEETS: JAN 13-MAY 9

ADV FURNITURE DSGN ARTIS 520 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Instructor permission required 1st week.
 1895005 A TR 11:00-1:50 MARTIN C
 MEETS: JAN 13-MAY 9

CERAMICS STUDIO ARTIS 522 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTR PERMISSION
 1896005 A TR 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

JEWEL&DEC METAL III ARTIS 524 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRCTR PERMISSN
 Note: Instructor permission required 1st week.
 7255005 MW 2:10-5:00
 MEETS: JAN 13-MAY 9

ADVANCD PHOTOGRAPHY ARTIS 529 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 7399005 MW 2:10-5:00 POWELL E
 MEETS: JAN 13-MAY 9

DRAWING ARTIS 530 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Instructor permission required 1st week.
 7747005 TR 9:30-12:20
 MEETS: JAN 13-MAY 9

ADVANCED PAINTING ARTIS 538 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF
 INSTRUCTOR
 Note: Instructor permission required 1st week.
 7826005 A TR 2:10-5:00
 MEETS: JAN 13-MAY 9

DIGITL TXTILE DSGN ARTIS 548 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: TOPIC: DIGITAL TEXTILE DESIGN
 2451005 TR 9:30-12:20
 MEETS: JAN 13-MAY 9

LITHOGRAPHY:DG&TRAD ARTIS 558 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRCTR PERMISSN
 Note: Instructor permission required 1st week.
 7750005 MW 9:00-11:50
 MEETS: JAN 13-MAY 9

CRITIQUE SEMINAR ARTIS 571X 3 CREDITS
 Prereq: ADMISSION INTO A GRADUATE PROGRAM
 IN THE COLLEGE OF DESIGN
 8368005 T 6:10-8:40PM
 MEETS: JAN 13-MAY 9

SPL TOPICS CERAMICS ARTIS 590B VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMNT.
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$90.00

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTR A&D ARTIS 590C VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMNT.

 SEE DEPT FOR REFERENCE NUMBERS

SPL 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 INSTRUTOR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS TEXTILES ARTIS 590E VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMNT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ILLUSTRATN ARTIS 590F VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMNT.

 SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS METALS ARTIS 590G VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMNT.
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$70.00

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS PAINTING ARTIS 590I VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMNT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

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 ENROLLMNT.
 Note: Materials and equipment use fee \$25.00

 SEE DEPT FOR REFERENCE NUMBERS

INTEGRATED STUDIO ARTS (CONTINUED)

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.
 Materials and equipment use fee \$40.00

 SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS FURNITUR ARTIS 590L VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIXED MEDIA ARTIS 590M VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.

 SEE DEPT FOR REFERENCE NUMBERS

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS
 4480005 ARRANGED
 MEETS: JAN 13-MAY 9

THESIS RESEARCH IGS 699 VAR. CREDITS
 4481005 ARRANGED
 MEETS: JAN 13-MAY 9

INTERIOR DESIGN

GRPH COM INT DSN II ARTID 263 3 CREDITS
 Prereq: 261, ENROLLMENT IN 267
 Note: COURSE RESTRICTED TO ARTID MAJORS

2177005 A MW 12:10-1:00 PETERSON N
 MW 1:10-3:00 PETERSON N
 MEETS: JAN 13-MAY 9

2177010 B MW 12:10-1:00
 MW 1:10-3:00
 MEETS: JAN 13-MAY 9

2177015 C MW 12:10-1:00
 MW 3:10-5:00
 MEETS: JAN 13-MAY 9

2177020 D MW 12:10-1:00
 MW 3:10-5:00
 MEETS: JAN 13-MAY 9

INT DSIGN STUDIO II ARTID 267 4 CREDITS
 Prereq: 265
 Note: COURSE RESTRICTED TO ARTID MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.

1714005 A TR 12:10-3:00 PETERSON N
 T 11:00-11:50 PETERSON N
 MEETS: JAN 13-MAY 9

1714010 B TR 12:10-3:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 9

1714015 C TR 12:10-3:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 9

1714020 D TR 12:10-3:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 9

HEALTH &SAFETY SYST ARTID 351 3 CREDITS

Note: COURSE RESTRICTED TO ARTID MAJORS
 Instructor permission required 1st week.
 1683005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

ENVIRN CONTROL SYST ARTID 352 3 CREDITS

Note: COURSE RESTRICTED TO ARTID JUNIORS ONLY.
 Instructor permission required 1st week.
 1656005 A MW 8:00-9:20 PETERSON N
 MEETS: JAN 13-MAY 9

INT DSN HIST/THRY I ARTID 355 3 CREDITS

Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 1689005 A TR 3:40-5:00
 MEETS: JAN 13-MAY 9

I D INTERNSHP SEMNR ARTID 360 .5 CREDIT

Prereq: ENROLLMENT IN INTERIOR DESIGN PROGRAM
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.

1818005 A M 12:10-1:00
 MEETS: JAN 13-MAY 9

Note: SEC A RESTRICTED TO JUNIORS & SENIORS
 1818010 B M 9:00-9:50
 MEETS: JAN 13-MAY 9

Note: SEC B RESTRICTED TO SOPHOMORES ONLY

INTERIOR DESIGN (CONTINUED)

INT DESIGN STDIO IV ARTID 367 4 CREDITS

Prereq: 365
 Note: Instructor permission required 1st week.
 1817005 A T 8:00-10:50 BATES L
 R 9:00-11:50 BATES L
 R 8:00-8:50 BATES L

1817010 B T 8:00-10:50 CAGLEY L
 R 9:00-11:50 CAGLEY L
 R 8:00-8:50 CAGLEY L

1817015 C T 8:00-10:50
 R 9:00-11:50
 R 8:00-8:50
 MEETS: JAN 13-MAY 9

INT DESIGN STDIO IV ARTID 367H 4- 5 CREDITS

Prereq: 365. MEMBERSHIP IN UNIVERSITY HONORS PROG
 Note: Instructor permission required.
 5001005 T 8:00-10:50
 R 9:00-11:50
 R 8:00-8:50, ARRANGED
 MEETS: JAN 13-MAY 9

INT DSN PRO PRACTCE ARTID 461 3 CREDITS

Prereq: ARTID 460
 Note: COURSE RESTRICTED TO ARTID MAJORS
 Instructor permission required 1st week.
 1847005 R 3:40-6:40PM
 MEETS: JAN 13-MAY 9

ENVIR FOR THE AGING ARTID 463 3 CREDITS

Prereq: HD FS 360 OR 3 CREDITS IN HOUSING, ARCH,
 INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
 Note: Meets U.S. diversity reqmt
 1823005 TR 11:00-12:15
 MEETS: JAN 13-MAY 9

INT DSN URBAN SETNG ARTID 468 3 CREDITS

Prereq: CR OR ENROLLMT IN 3RD-YEAR STUDIO COURSES
 2062005 MW 9:00-9:20
 MEETS: JAN 13-MAY 9

INT DSN URBAN SETNG ARTID 468H 3- 4 CREDITS

Prereq: CR OR ENROLLMT IN 3RD-YEAR STUDIO COURSES
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Instructor permission required.
 5258005 TR 2:10-3:30, ARRANGED
 MEETS: JAN 13-MAY 9

ADV STUDI DSGN THRY ARTID 469A 3 CREDITS

Prereq: 12 CR IN INTERIOR DESIGN RELATED COURSES
 OR PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 1850005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 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

WORKSHOP ARTID 493 1- 3 CREDITS

Prereq: EVIDENCE OF SATISFACTORY EXPERIENCE IN
 AREA OF SPECIALIZATION
 8035800 FR ARRANGED CAGLEY L
 MEETS: JAN 22-26
 Note: SEC FR TAUGHT IN PARIS, FRANCE. SENIOR INTERIOR
 DESIGN WORKSHOP IN PARIS. STUDY ABROAD SPRING 2014
 Study Abroad Administrative Fee Applies

MICRO DSGN HUMANICS ARTID 551A 3 CREDITS

Prereq: INSTRUCTOR PERMISSION
 8255005 MW 11:00-12:30
 MEETS: JAN 13-MAY 9

DSGN MTHDS:PROC ALT ARTID 552D 2 CREDITS

Prereq: PERMISSION OF INSTRUCTOR
 1824005 M 5:10-7:00PM
 MEETS: JAN 13-MAY 9

ID TEACHNG PRACTICM ARTID 554 1- 3 CREDITS

Prereq: ARTID 668 AND PERMISSION OF INSTRUCTOR
 4283005 ARRANGED
 MEETS: JAN 13-MAY 9

INTERIOR DESIGN (CONTINUED)

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

CREATIVE COMPONENT ARTID 599 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS ARTID 690 VAR. CREDITS
 Prereq: MFA CLASSIFICATION, PERMISSION OF INSTR

 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTID 699A VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH:THESIS-EXH ARTID 699B VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

INTERNATIONAL STUDIES

INTRO INT'L STUDIES INTST 235 3 CREDITS
 Note: Meets international perspectives reqmt
 9582600 XV ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: Section XV is off campus
 Course delivery is WWW

9582605 XW ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: Section XW is off campus
 Course delivery is WWW

TOPICS INT'L STUDIE INTST 350 2- 4 CREDITS
 Note: TOPIC: GLOBAL ISSUES, CULTURE AND IDENTITY
 7379005 1A TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO INTST MAJORS ONLY

7379010 1B TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC 1B FOR MAJORS OTHER THAN INTST

PRE-STU ABROAD SEMN INTST 395A 1 CREDIT
 Note: Instructor permission required.
 7815005 1 ARRANGED
 MEETS: JAN 13-MAY 9

SEMNR INT'L STUDIES INTST 430 3 CREDITS
 Prereq: INTST 235, JUNIOR CLASSIFICATION OR
 HIGHER
 Note: Meets international perspectives reqmt

9583005 1A MW 3:10-4:30
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO INTST MAJORS

9583010 1B MW 3:10-4:30
 MEETS: JAN 13-MAY 9
 Note: SEC 1B FOR MAJORS OTHER THAN INTST.

INDEPENDENT STUDY INTST 490 1- 3 CREDITS
 Prereq: PERMISSION OF INTERNATIONAL STUDIES
 DIRECTOR AND FACULTY SUPERVISOR
 Note: NO MORE THAN 3 CREDITS IN INTST 490 MAY BE USED
 TOWARD GRADUATION IN THE INTERNATIONAL STUDIES MAJOR
 OR MINOR

3719005 ARRANGED
 MEETS: JAN 13-MAY 9

THINK GLOBALLY INTST 491 1 CREDIT
 Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD
 AND/OR INTERNSHIP ABROAD
 Satisfactory-Fail Only.

3467005 1 TR 2:10-3:30
 MEETS: JAN 13-MARCH 7

JOURNALISM & MASS COMMUNICATION

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS
 4656005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO ADVRT, JL MC, MAJORS ONLY.

4656010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 2 FOR MAJORS OTHER THAN ADVRT, JL MC.

JOURNLS&COMM ORIENT JL MC 110 1 CREDIT
 Satisfactory-Fail Only.

4657005 1 T 2:10-3:30
 MEETS: JAN 13-MAY 9

4657010 2 R 2:10-3:30
 MEETS: JAN 13-MAY 9

4657015 3 M 1:10-2:30
 MEETS: JAN 13-MAY 9

4657020 4 W 1:10-2:30
 MEETS: JAN 13-MAY 9

JOURNALISM & MASS COMMUNICATION (CONTINUED)

REPORT&WRIT MASS MD JL MC 201 3 CREDITS
 Prereq: ENGL 250 (OR TESTOUT) AND JL MC 110
 Note: ENGLISH USAGE TEST & DEPT PERMISSION REQUIRED.
 COURSE RESTRICTED TO JL MC, ADVRT MAJORS ONLY
 Department permission required.

4658005 1 MW 8:00-10:10
 ARRANGED

4658010 2 TR 8:00-10:10
 ARRANGED

4658015 3 MW 8:00-10:10
 MEETS: JAN 13-MAY 9

4658020 4 TR 8:00-10:10
 MEETS: JAN 13-MAY 9

4658025 5 TR 12:40-2:50
 MEETS: JAN 13-MAY 9

4658030 6 TR 3:30-5:40
 MEETS: JAN 13-MAY 9

4658035 7 TR 3:30-5:40
 MEETS: JAN 13-MAY 9

4658040 8 MW 8:00-10:10
 MEETS: JAN 13-MAY 9

INT REPORT MASS MED JL MC 202 3 CREDITS
 Prereq: JL MC 201 WITH A GRADE OF C+ OR BETTER
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY

4659005 1 TR 8:00-9:50
 MEETS: JAN 13-MAY 9

ELECTRON MEDIA WRIT JL MC 206 3 CREDITS
 Prereq: 201 WITH A GRADE OF C+ OR BETTER

8511005 1 MW 1:10-3:00
 MEETS: JAN 13-MAY 9

PRIN PUBLIC RELATNS JL MC 220 3 CREDITS
 4684005 1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

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

3838005 1A MW 9:30-10:50
 MEETS: JAN 13-MAY 9

3838010 1B MW 9:30-10:50
 MEETS: JAN 13-MAY 9

3838015 2A TR 12:40-2:00
 MEETS: JAN 13-MAY 9

3838020 2B TR 12:40-2:00
 MEETS: JAN 13-MAY 9

3838025 3A TR 8:00-9:20
 MEETS: JAN 13-MAY 9

3838030 3B TR 8:00-9:20
 MEETS: JAN 13-MAY 9

PUBLICITY METHODS JL MC 305 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105, SOPHOMORE
 CLASSIFICATION
 Note: JL MC & ADVRT MAJORS ARE NOT TO ENROLL IN
 JL MC 305. CREDIT DOES NOT APPLY TOWARD A DEGREE IN
 JL MC OR ADVRT.

4660005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

4660010 2 MW 12:40-2:00
 MEETS: JAN 13-MAY 9

4660015 3 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

4660020 4 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

ELECTRON MEDIA PROD JL MC 306 3 CREDITS
 Prereq: C+ OR BETTER IN 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, MAJORS ONLY

8513005 1 TR 3:10-5:00
 MEETS: JAN 13-MAY 9

ELECTRN NEWS PRODUC JL MC 308 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.

4665005 1 TR 10:30-12:20
 MEETS: JAN 13-MAY 9

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 12:40-2:50
 MEETS: JAN 13-MAY 9

MULTIMEDIA PRODUCTN JL MC 315 3 CREDITS
 Prereq: JL MC 306 OR JL MC 342L OR JL MC 343L OR
 EQUIVALENT COMPUTER DESIGN PROFICIENCY
 Note: COURSE RESTRICTED TO JL MC, ADVRT MAJORS ONLY

4663005 1 MW 10:20-12:10
 MEETS: JAN 13-MAY 9

JOURNALISM & MASS COMMUNICATION (CONTINUED)

JOURNALISM & MASS COMMUNICATION (CONTINUED)

PUBLIC RELATNS WRIT JL MC 321 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201; JL MC 220
 OR ADVRT 230. RECOMMENDED: JL MC 342 AND JL MC 342L
 OR COMPUTER DESIGN PROFICIENCY. MAY BE TAKEN
 CONCURRENTLY WITH JL MC 301.
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY
 4666005 1 MW 10:00-11:50
 MEETS: JAN 13-MAY 9
 4666010 2 TR 2:10-4:00
 MEETS: JAN 13-MAY 9

CONTEM MAGAZINE PUB JL MC 341 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 4672005 1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

VISUAL PRIN MASS CM JL MC 342 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 4673005 1A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO JL MC, ADVRT SOPH AND ABOVE.
 4673010 1B MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT

LAB BAS VISUAL PRIN JL MC 342L 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN JL MC 342
 Note: COURSE RESTRICTED TO JL MC, ADVRT SOPH AND ABOVE.
 5325005 1 TR 8:00-10:15
 MEETS: JAN 13-MAY 9
 5325010 2 TR 11:00-1:15
 MEETS: JAN 13-MAY 9
 5325015 3 MW 8:00-10:15
 MEETS: JAN 13-MAY 9
 5325020 4 MW 1:10-3:25
 MEETS: JAN 13-MAY 9

LAB INTMED VIS PRIN JL MC 343L 3 CREDITS
 Prereq: JL MC 342L OR EQUIV CMPTR DESIGN
 PROFICIENCY
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.
 5330005 1 TR 3:10-5:25
 MEETS: JAN 13-MAY 9

PUBL AFFAIRS REPORT JL MC 346 3 CREDITS
 Prereq: JL MC 202 OR JL MC 206 OR JL MC 321
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.
 4675005 1 TR 1:10-2:50
 MEETS: JAN 13-MAY 9

SCIENCE COMMUNICATN JL MC 347 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 202 OR JL MC 206 OR
 JL MC 321 FOR JL MC MAJORS; C+ OR BETTER IN JL MC 201
 AND ADVRT 334 OR ADVRT 336 FOR ADVRT MAJORS;
 NONMAJORS AND MINORS BY PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
 4676005 1 MW 1:10-3:00
 MEETS: JAN 13-MAY 9

PRINT MEDIA EDITING JL MC 349 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 202 OR JL MC 206
 OR JL MC 321
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS
 ONLY. TOPIC: PRINT EDITING
 4677005 1 TR 12:40-3:00
 MEETS: JAN 13-MAY 9

ADV ELE MEDIA PRODU JL MC 354 3 CREDITS
 Prereq: JL MC 206
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.
 1804005 1 TR 3:10-5:00
 MEETS: JAN 13-MAY 9

PRO 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
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

MEDIA MANAGEMENT JL MC 406 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 1812005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

PUBLIC REL CAMPAIGN JL MC 424 3 CREDITS
 Prereq: JL MC 220, JL MC 301, C+ OR BETTER IN
 JL MC 321; JUNIOR CLASSIFICATION
 6062005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

MASS COMMUNICAT LAW JL MC 460 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201, JUNIOR
 CLASSIFICATN, NONMAJORS MUST HAVE PERMISSION OF
 INSTRUCTOR
 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 13-MAY 9

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 13-MAY 9

INDEP STDY CMUNCATN JL MC 490 VAR. CREDITS
 Prereq: JUNIOR CLASSIFICATION AND CONTRACT WITH
 SUPERVISING PROFESSOR TO REGISTER
 Note: NO MORE THAN 3 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

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: JL MC 501 OR EQUIV COMMUNICATION THEORY
 COURSE
 4726005 1 MW 4:10-6:30PM
 ARRANGED
 MEETS: JAN 13-MAY 9

MEDIA MANAGEMENT JL MC 506 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCI (ECON HIGHLY
 RECOMMENDED) OR ADMISSION TO THE GRAD PROGRAM
 1813005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

STRATEG OF COMMUNIC JL MC 510 3 CREDITS
 Prereq: JL MC 501
 4730005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

SCIENCE COMMUNICATN JL MC 547 3 CREDITS
 Prereq: 6 CR SOCIAL SCI OR ADMISSION TO GRAD PROG
 7316005 1 MW 1:10-3:00
 MEETS: JAN 13-MAY 9

MEDIA&SOCIETY RELAT JL MC 561 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCI
 8830005 1 MW 2:10-3:25
 MEETS: JAN 13-MAY 9

WORLD COMMUNIC SYST JL MC 576 3 CREDITS
 Note: Meets international perspectives reqmt
 4738005 1 TR 11:00-12:30
 MEETS: JAN 13-MAY 9

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** 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

SEMNR RESRCH METHDS JL MC 598J 1- 3 CREDITS
 Note: TITLE: QUALITATIVE RESEARCH METHODS
 COURSE OFFERED FOR 3 CREDITS SPRING 2014
 8379005 1 R 5:10-8:00PM
 MEETS: JAN 13-MAY 9

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 13-MAY 9

SWIMMING II KIN 102 1 CREDIT
 Prereq: KIN 101 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5661005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

AQUATIC FITNESS KIN 108 1 CREDIT
 Prereq: KIN 102 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5665005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

BADMINTON KIN 122 1 CREDIT
 Satisfactory-Fail Only.
 5671005 1 MWF 9:00-10:20
 MEETS: JAN 13-MARCH 7
 5671010 2 MWF 10:30-11:50
 MEETS: JAN 13-MARCH 7

BOWLING KIN 129 1 CREDIT
 Satisfactory-Fail Only.
 5675005 1 MW 9:00-9:50
 MEETS: JAN 13-MAY 9
 5675010 2 MW 10:00-10:50
 MEETS: JAN 13-MAY 9
 5675015 3 MW 11:00-11:50
 MEETS: JAN 13-MAY 9
 5675020 4 TR 9:30-10:20
 MEETS: JAN 13-MAY 9
 5675025 5 TR 11:00-11:50
 MEETS: JAN 13-MAY 9
 5675030 6 TR 12:40-1:30
 MEETS: JAN 13-MAY 9

GOLF KIN 135 1 CREDIT
 Satisfactory-Fail Only.
 5678005 1 MWF 8:00-9:20
 MEETS: MARCH 10-MAY 9
 5678010 2 MWF 9:30-10:50
 MEETS: MARCH 10-MAY 9
 5678015 3 MWF 11:00-12:20
 MEETS: MARCH 10-MAY 9
 5678020 4 MWF 12:40-2:00
 MEETS: MARCH 10-MAY 9

RACQUETBALL KIN 144 1 CREDIT
 Satisfactory-Fail Only.
 5683005 1 MW 9:00-9:50
 MEETS: JAN 13-MAY 9
 5683010 2 MW 10:00-10:50
 MEETS: JAN 13-MAY 9

ICE SKATING KIN 153 1 CREDIT
 Note: COURSE TAUGHT AT AMES/ISU ICE ARENA, SOUTHEAST OF THE TOWERS. MUST ALLOW EXTRA TIME BETWEEN THIS AND OTHER CLASSES FOR TRAVEL TO AND FROM AMES/ISU ICE ARENA. MUST PROVIDE OWN TRANSPORTATION.
 Satisfactory-Fail Only.
 5689005 1 TR 1:10-3:00
 MEETS: JAN 13-MARCH 7

TENNIS KIN 158 1 CREDIT
 Satisfactory-Fail Only.
 5690005 1 MWF 9:30-10:50
 MEETS: MARCH 10-MAY 9
 5690010 2 MWF 11:00-12:20
 MEETS: MARCH 10-MAY 9
 5690015 3 MWF 12:30-2:00
 MEETS: MARCH 10-MAY 9

PHYSICAL FITNESS KIN 163 1 CREDIT
 Note: CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Satisfactory-Fail Only.
 5694005 1 MW 8:00-8:50
 MEETS: JAN 13-MAY 9

WALKING FOR FITNESS KIN 164 1 CREDIT
 Satisfactory-Fail Only.
 8867005 1 MW 9:00-9:50
 MEETS: JAN 13-MAY 9
 8867010 2 MW 10:00-10:50
 MEETS: JAN 13-MAY 9
 8867015 3 MW 11:00-11:50
 MEETS: JAN 13-MAY 9
 8867020 4 TR 9:30-10:20
 MEETS: JAN 13-MAY 9
 8867025 5 TR 11:00-11:50
 MEETS: JAN 13-MAY 9
 8867030 6 TR 1:10-2:00
 MEETS: JAN 13-MAY 9

KINESIOLOGY

(CONTINUED)

RUNNING FOR FITNESS KIN 165X 1 CREDIT
 Satisfactory-Fail Only.
 5343005 1 MWF 8:00-9:20
 MEETS: MARCH 10-MAY 9

WEIGHT TRAINING KIN 166 1 CREDIT
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: ATH 101, SKILL TECHNIQUE COURSE IN THE SAME SPORT AS THE ATH 101, EX SP/KIN 166
 Satisfactory-Fail Only.
 5696005 1 MW 9:00-9:50
 MEETS: JAN 13-MAY 9
 5696010 2 MW 10:00-10:50
 MEETS: JAN 13-MAY 9
 5696015 3 MW 11:00-11:50
 MEETS: JAN 13-MAY 9
 5696020 4 MW 12:10-1:00
 MEETS: JAN 13-MAY 9
 5696025 5 MW 1:10-2:00
 MEETS: JAN 13-MAY 9

JUDO KIN 168X 1 CREDIT
 Satisfactory-Fail Only.
 5353005 1 TR 9:00-9:50
 MEETS: JAN 13-MAY 9

TAEKWONDO/KARATE I KIN 170 1 CREDIT
 Satisfactory-Fail Only.
 5700005 1 MW 9:00-9:50
 MEETS: JAN 13-MAY 9
 5700010 2 MW 10:00-10:50
 MEETS: JAN 13-MAY 9
 5700015 3 MW 11:00-11:50
 MEETS: JAN 13-MAY 9

TAEKWONDO/KARATE II KIN 171 1 CREDIT
 Prereq: 170
 Satisfactory-Fail Only.
 5701005 1 TR 10:00-10:50
 MEETS: JAN 13-MAY 9

HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
 Satisfactory-Fail Only.
 5702005 1 TR 11:00-11:50
 MEETS: JAN 13-MAY 9

VOLLEYBALL KIN 182 1 CREDIT
 Satisfactory-Fail Only.
 5710005 1 TR 9:00-9:50
 MEETS: JAN 13-MAY 9
 5710010 2 TR 10:00-10:50
 MEETS: JAN 13-MAY 9
 5710015 3 TR 11:00-11:50
 MEETS: JAN 13-MAY 9

SOCCER KIN 185 1 CREDIT
 Satisfactory-Fail Only.
 5712005 1 TR 10:00-10:50
 MEETS: JAN 13-MAY 9

CNCPTS FITNS&WELLN KIN 210X 2 CREDITS
 8843005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

FUND OF AQUATICS KIN 230 1 CREDIT
 Prereq: KIN 101 OR EQUIVALENT. ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
 Note: COURSE RESTRICTED TO HHP, KIN H MAJORS ONLY.
 Instructor permission required 1st week.
 9614005 1 TR 11:00-11:50
 MEETS: JAN 13-MAY 9

FND INDOOR TEAM SPT KIN 232 1 CREDIT
 Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
 Note: COURSE RESTRICTED TO KIN H MAJORS ONLY. FOR STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
 Instructor permission required 1st week.
 9616005 1 MW 11:00-11:50
 MEETS: JAN 13-MAY 9

KINESIOLGY PROFSSNS KIN 252 1 CREDIT
 7415005 1 M 12:10-1:00
 MEETS: JAN 13-MAY 9

ORIEN KINESIOL/HLTH KIN 253 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT OR CREDIT IN KIN 252
 Note: COURSE RESTRICTED TO A TR, KIN, P ATR MAJORS ONLY
 Satisfactory-Fail Only.
 7498005 1 W 12:10-1:00
 MEETS: JAN 13-MAY 9
 7498010 2 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

KINESIOLOGY

(CONTINUED)

KINESIOLOGY

(CONTINUED)

PHYS FITNESS & COND KIN 258 2 CREDITS
 Prereq: MAJOR IN KINESIOLOGY OR HEALTH ONLY
 Note: COURSE RESTRICTED TO A TR, PDEXA, PDEXH, HHP, KIN H, P ATR MAJORS ONLY. CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

5732005 1 TR 10:00-10:50
 M 12:10-1:00
 MEETS: JAN 13-MAY 9

5732010 2 TR 11:00-11:50
 M 12:10-1:00
 MEETS: JAN 13-MAY 9

5732015 3 TR 1:10-2:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 9

5732020 4 TR 2:10-3:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 9

5732025 5 TR 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 9

LDRSHP TECH FITNESS KIN 259 2 CREDITS
 Prereq: KIN 258
 Note: COURSE RESTRICTED TO A TR, P ATR, PDEXA, PDEXH, C H E, KIN H MAJORS ONLY.

9622005 1 MW 1:10-3:00
 MEETS: JAN 13-MAY 9

ADV STRNGTH TRAINNG KIN 266 2 CREDITS
 Prereq: KIN 258
 Note: COURSE RESTRICTED TO A TR, KIN, P ATR JRS & SRS ONLY

7421005 1 TR 9:30-10:50
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

7421010 2 TR 11:00-12:30
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.
 Materials and equipment use fee \$25.00

FIELD EXP ELEM P E KIN 280 1 CREDIT
 Note: COURSE RESTRICTED TO KIN H MAJORS ONLY
 Instructor permission required 1st week.
 Satisfactory-Fail Only.

5736005 1 F 1:10-3:00
 MEETS: JAN 13-MAY 9

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 13-MAY 9

PRE-INTERN KINESIOL KIN 285 1- 2 CREDITS
 Prereq: KINESIOLOGY AND HEALTH MAJOR, AND PERMISSION OF INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.

8750005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

SECDY PHYS ED MTHDS KIN 313 3 CREDITS
 Prereq: ADMISSION TO UNIVERSITY TEACHER EDUC PROG

5756005 1 MW 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 13-MAY 9

5756010 2 MW 2:10-3:00
 F 8:00-10:50
 MEETS: JAN 13-MAY 9

COACH THY&ADMIN ISS KIN 315 3 CREDITS
 Note: COURSE RESTRICTED TO JRS AND SRS ONLY.

5372005 1 TR 11:00-12:20
 ARRANGED
 MEETS: JAN 13-MAY 9

MGT HEALTH-FIT PROG KIN 345 3 CREDITS
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR KIN, KIN H, P DEXA, PDEXH JR & SRS.

7697005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

BIOMECHANICS KIN 355 3 CREDITS
 Prereq: PHYS 111 OR PHYS 115
 Note: Available for nonmajor graduate credit

5752005 1 MWF 8:00-8:50
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR, PDEXA, PDEXH JRS & SRS, KIN H & FSHNH GRADS.

5752010 2 MWF 8:00-8:50
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN D EXA, D EXH, KIN, KIN H, PDEXA, PDEXH. JRS & ABOVE & FSHNH GRADS.

PHYSIOLOGY EXERCISE KIN 358 3 CREDITS
 Prereq: BIOL 255, BIOL 255L, BIOL 256 AND BIOL 256L
 Note: COURSE RESTRICTED TO C H E, D EXA, D EXH, PDEXA, PDEXH JRS & SRS, KIN H MAJORS.
 Available for nonmajor graduate credit

5766005 1 MWF 12:10-1:00
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR, PDEXA, PDEXH JRS & SRS & KIN H MAJORS.

5766010 2 MWF 12:10-1:00
 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH. JRS & ABOVE ONLY.

SOC SPORT & EXERCISE KIN 360 3 CREDITS
 Prereq: SOC 134, STAT 101 OR 104 OR 226/326; OR KIN 471
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.

5753005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, PDEXA, P ATR, PDEXH JRS & SRS, KIN H, FSHNH GRADS

5753010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 2 RESTRICTED TO A TR, D EXA, D EXH, PDEXA, P ATR, PDEXA, PDEXH JRS & SRS, KIN H MAJORS.

5753015 3 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 3 OPEN TO MAJORS OTHER THAN A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH

5753020 4 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 4 OPEN TO MAJORS OTHER THAN A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH

SPORT PSYCHOLOGY KIN 365 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.

5754005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR, PDEXA, PDEXH JRS & SRS, KIN H MAJORS.

5754010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 2 OPEN TO MAJORS OTHER THAN A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH

EXERCISE PSYCHOLOGY KIN 366 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 Note: Available for nonmajor graduate credit

7190005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO A TR, C H E, PDEXA, PDEXH, P ATR, JRS & SRS, KIN H MAJORS ONLY.

7190010 2 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC FOR JRS 7 SRS OTHER THAN C H E, PDEXA, PDEXH, OR KIN H MAJORS

MOTOR CNTROL LIFESP KIN 372 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230, BIOL 255,256
 Note: Available for nonmajor graduate credit

9623005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR, PDEXA, PDEXH JRS & SRS & KIN H, FSHNH GRADS

9623010 2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH. JRS & ABOVE ONLY

STRATG PRO SCHL&FLD KIN 385 R CREDIT
 Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN MINIMUM OF TWO SEMESTERS PRIOR TO GRADUATION OR FIELD EXPERIENCE PLACEMENT
 Note: COURSE RESTRICTED TO KIN H, JRS & ABOVE & FSHNA AND FSHNH GRADUATE STUDENTS.
 Satisfactory-Fail Only.

5761005 1 R 2:10-3:00
 MEETS: JAN 13-MAY 9

5761010 2 F 1:10-2:00
 MEETS: JAN 13-MAY 9

SRV LRN LEADSHP EXP KIN 391X 1- 3 CREDITS
 Satisfactory-Fail Only.

6691005 1 ARRANGED
 MEETS: JAN 13-MAY 9

KINESIOLOGY

(CONTINUED)

SUPV TCHG-SECONDARY KIN 417 VAR. CREDITS
 Prereq: KIN 281, KIN 313, KIN 355, KIN 358, KIN 395, KIN 471, KIN 475; ADMISSIO TO TEACHER EDUC; APPROVAL BEFORE ENROLLING IN THE COURSE.
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 5764010 1A ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5764015 1R ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5764020 2A ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5764025 2R ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.

SUPR TCHG-ELEMENTRY KIN 418 8 CREDITS
 Prereq: KIN 280, KIN 312, KIN 355, KIN 358, KIN 395, KIN 471, KIN 475, FULLY ADMITTED TO TEACHER EDUCATION AND MUST APPLY FOR APPROVAL TO ENROLL AT THE BEGIN OF SEMESTER PRIOR TO REGISTERING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 5765005 1A ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5765010 1R ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5765015 2A ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5765020 2R ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.

LEGAL ASPS OF SPORT KIN 445 3 CREDITS
 Note: COURSE RESTRICTED TO A TR, P ATR, PDEXA, PDEXH JRS & SRS, KIN H MAJORS.
 8560005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

BIOMECH RSRCH TOPCS KIN 455 3 CREDITS
 Prereq: KIN 355 OR PERMISSION OF INSTRUCTOR
 6334005 TR 2:10-3:25
 MEETS: JAN 13-MAY 9

PRIN FITNESS ASSESS KIN 458 4 CREDITS
 Prereq: KIN 358
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, KIN H MAJORS & FSHNA AND FSHNH GRADUATE STUDENTS
 Instructor permission required 1st week.
 5767005 1 MWF 1:10-2:00
 T 1:10-3:00
 MEETS: JAN 13-MAY 9
 5767010 2 MWF 1:10-2:00
 T 3:10-5:00
 MEETS: JAN 13-MAY 9
 5767015 3 MWF 1:10-2:00
 R 1:10-3:00
 MEETS: JAN 13-MAY 9
 5767020 4 MWF 1:10-2:00
 R 3:10-5:00
 MEETS: JAN 13-MAY 9
 5767025 5 MWF 1:10-2:00
 R 5:10-7:00PM
 MEETS: JAN 13-MAY 9
 5767030 6 MWF 1:10-2:00
 T 11:00-1:00
 MEETS: JAN 13-MAY 9

INTERN EXER LEADRSK KIN 459 1 CREDIT
 Prereq: C- OR BETTER IN KIN 259, CPR CERTIFICATION, CURRENT ENROLLMENT IN KIN 458
 Note: CONCURRENT ENROLLMENT IN 458 IS REQUIRED. RESTRICTED TO D EXA, D EXH, PDEXA, PDEXH JRS & SRS, KIN H MAJORS.
 3473005 1 ARRANGED
 MEETS: JAN 13-MAY 9

KINESIOLOGY

(CONTINUED)

MEDIC ASPECTS EXERC KIN 462 3 CREDITS
 Prereq: KIN 358
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR, PDEXA, PDEXH JRS & SRS & KIN H, FSHNH AND FSHNA GRADS Available for nonmajor graduate credit
 5763005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

MEASUREMT IN PHY ED KIN 471 3 CREDITS
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 7432005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

NEURL BASIS HUM MVT KIN 472 3 CREDITS
 Prereq: KIN 372 OR PSYCH 310
 Note: Available for nonmajor graduate credit
 7322005 MW 3:10-4:30
 MEETS: JAN 13-MAY 9

FUNCTIONAL ANATOMY KIN 480 3 CREDITS
 Prereq: KIN 355; BIOL 155 OR BIOL 255 AND BIOL 256
 Note: Available for nonmajor graduate credit
 6175005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

EXERCSE PHYSIOL LAB KIN 482 1 CREDIT
 Prereq: 358
 6298005 1 T 12:10-2:00
 MEETS: JAN 13-MAY 9

INTERNSH FITNSS MGT KIN 485A 1-16 CREDITS
 Prereq: SENIOR CLASSIFICATN, ADVANCE REGISTRATN, C- OR BETTER IN KIN 458 AND KIN 459, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0
 Satisfactory-Fail Only.
 5772005 ARRANGED
 MEETS: JAN 13-MAY 9
 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 13-MAY 9
 Note: Department permission required.

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

INDEP STUDY HONORS KIN 490H 1- 2 CREDITS
 Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INJURY BIOMECHANICS KIN 515X 3 CREDITS
 Prereq: KIN 355 OR PERMISSION OF INSTRUCTOR
 9573005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV PHYSIOL EXER II KIN 551 3 CREDITS
 Prereq: KIN 505
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 5792005 R 4:10-6:00PM
 ARRANGED
 MEETS: JAN 13-MAY 9

MEASUREMT IN PHY ED KIN 571 3 CREDITS
 7459005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

NEURAL BASIS HM MVT KIN 572 3 CREDITS
 Prereq: KIN 372 OR PSYCH 310
 7327005 MW 3:10-4:30
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS P E KIN 590A 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO KIN 590B 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 590D 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY (CONTINUED)

LANDSCAPE ARCHITECTURE (CONTINUED)

SPL TOP SPORT SOCIO KIN 590E 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH KIN 590F 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR BEHAV KIN 590G 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS KIN 590H 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH ETHCS KIN 590I 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E KIN 591A 1- 6 CREDITS
 Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUP FLD EXP EX PHYS KIN 591D 1- 6 CREDITS
 Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTCM COLLEG TCHG KIN 592 1- 3 CREDITS
 Satisfactory-Fail Only.
 3508005 1 ARRANGED
 MEETS: JAN 13-MAY 9

CREATIVE COMPONENT KIN 599 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR KIN 615 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2014
 Instructor permission required 1st week.
 5812005 F 1:10-2:00
 MEETS: JAN 13-MAY 9

ADV RESR MTHDS ACTV KIN 620 3 CREDITS
 Prereq: KIN 501, STAT 401, STAT 402, DOCTORAL
 PROGRAM STUDENT
 7461005 1 T 6:10-9:00PM
 MEETS: JAN 13-MAY 9

RESEARCH KIN 699 1- 6 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

STUDIO:SITE DSIGN I L A 202 6 CREDITS
 Prereq: L A 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 13-MAY 9

INTRDUCD PLT MIDWST L A 222 3 CREDITS
 Prereq: L A 221
 Note: Instructor permission required 1st week.
 4774005 TR 12:40-1:30
 TR 1:40-4:00
 MEETS: JAN 13-MAY 9

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 13-MAY 9

LANDSCAPE DYNAMICS L A 282 3 CREDITS
 Prereq: SOPHOMORE STANDING
 4263005 T 11:00-12:20
 R 9:30-12:20
 MEETS: JAN 13-MAY 9

ECO DSN REGNL SCALE L A 302 6 CREDITS
 Prereq: L A 282, L A 301, L A 381 AND NREM 120
 Note: Instructor permission required 1st week.
 4778005 F 1:10-3:50
 F 4:10-5:20
 MW 1:10-5:20
 MEETS: JAN 13-MAY 9

CONTEMP LANDSC ARCH L A 341 1 CREDIT
 Prereq: L A 301
 6119005 M 12:10-1:00
 MEETS: JAN 13-MAY 9

HIST MODRN LANDSCAP L A 371 3 CREDITS
 4662005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

ADV LAND ARC DESIGN L A 404 6 CREDITS
 Prereq: L A 401
 Note: Instructor permission required 1st week.
 4781800 IT ARRANGED
 MEETS: JAN 13-MAY 7
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2014.
 OFFERED FOR 6 CREDITS
 Study Abroad Administrative Fee Applies

PROFESSIONL PRACTCE L A 441 2 CREDITS
 Prereq: L A 481
 Note: Instructor permission required 1st week.
 4783005 M 10:00-11:50
 MEETS: JAN 13-MAY 9

LAND ARCH INTERNSHP L A 444A R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 3036005 ARRANGED
 MEETS: JAN 13-MAY 9

L ARCH STUDY ABROAD L A 444B R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 6212005 ARRANGED
 MEETS: JAN 13-MAY 9

FUND REMOTE SENSING L A 454X 3 CREDITS
 9621005 TR 9:00-10:50
 MEETS: JAN 13-MAY 9

TOPIC PLANTNG DSIGN L A 478B 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 Note: TOPIC: PLANT FORENSICS
 3911005 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9

TOPIC HIST/THRY/CRT L A 478D 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 Note: TOPIC: LANDSCAPE INFRASTRUCTURE & RESILIEAT
 CITIES. COURSE OFFERED FOR 3 CREDITS SPRING 2013
 3917800 IT ARRANGED
 MEETS: JAN 13-MAY 7
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2014.
 OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

TOPIC LANDSC PLANNG L A 478E 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 3918005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPICAL ST GRAPHICS L A 478G 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 3921005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPICAL STUD HONORS L A 478H 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 3959005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC INTERDISCIPLIN L A 478I 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 3970005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC INTERNAT'L ST L A 478J 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
 4073005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC COMPUTER APP L A 478K 2- 3 CREDITS
 Prereq: L A 371 OR SENIOR OR GRADUATE STANDING
 4092005 MW 8:30-9:50
 MEETS: JAN 13-MAY 9

TOPIC ECOLOG DESIGN L A 478L 2- 3 CREDITS
 Prereq: L A 371 OR SENIOR OR GRADUATE STANDING
 6990005 ARRANGED
 MEETS: JAN 13-MAY 9

LANDSCAPE ARCHITECTURE (CONTINUED)

LANDSCAPE ARCHITECTURE (CONTINUED)

TOPIC SOCIA/BEHAVRL L A 478M 2- 3 CREDITS
 Prereq: L A 371 OR SENIOR OR GRADUATE STANDING
 3740005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC NATURL RSOURC L A 478N 2- 3 CREDITS
 Prereq: L A 371 OR SENIOR OR GRADUATE STANDING
 3741005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV LNDSACP CONSTRUC L A 482 3 CREDITS
 Prereq: L A 481
 8224005 TR 11:00-12:30
 TR 11:00-12:30
 ARRANGED
 MEETS: JAN 13-MAY 9

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 STUDY 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

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

FUND REMOTE SENSING L A 554X 3 CREDITS
 9630005 TR 9:00-10:50
 MEETS: JAN 13-MAY 9

LAND ARCH THEORY II L A 573 3 CREDITS
 Prereq: GRAD STANDING OR INSTRUCTOR PERMISSION
 3236005 T 5:10-8:00PM
 MEETS: JAN 13-MAY 9

TOPIC PLANTNG DSGN L A 578B 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: TOPIC: PLANT FORENSICS
 4165005 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9

TOPIC LANDSC PLANNG L A 578E 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 4191005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC URBAN DESIGN L A 578F 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 4199005 T 5:10-7:00PM
 MEETS: JAN 13-MAY 9

TOPICAL ST GRAPHICS L A 578G 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 4200005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC INTERDISCIPLIN L A 578I 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 4226005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC INTERNAT'L ST L A 578J 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
 4228005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC COMPUTER APP L A 578K 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 4250005 MW 8:30-9:50
 MEETS: JAN 13-MAY 9

TOPICAL ECO DESIGN L A 578L 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 4254005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC SOCIA/BEHAVRL L A 578M 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 3747005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPIC NATURL RSOURC L A 578N 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 3749005 ARRANGED
 MEETS: JAN 13-MAY 9

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: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN L A 590B 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN L A 590C 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY L A 590D 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC PLAN L A 590E 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSGN L A 590F 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS L A 590G 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP L A 590I 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE (CONTINUED)

SPL TOP INT'L STUDI L A 590J 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL L A 590K 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECO DESIGN L A 590L 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL/BEHV L A 590M 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NATU RESRCE L A 590N 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

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 II LATIN 102 4 CREDITS
 Prereq: LATIN 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 MTWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 4855010 2 MTWR 2:10-3:00
 MEETS: JAN 13-MAY 9

INTRO TO LATIN LIT LATIN 332 VAR. CREDITS
 Prereq: LATIN 201
 Note: Meets international perspectives reqmt
 4857600 XW ARRANGED MOOK M
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

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

LEARNING TEAM

IDEAL (IE) TRANSFER L TM E136 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 9027136 ARRANGED
 MEETS: JAN 13-MAY 9

LEAD L TM E139 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 7964139 ARRANGED
 MEETS: JAN 13-MAY 9

M E FRESHMAN 1 L TM E140 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 3839140 ARRANGED
 MEETS: JAN 13-MAY 9

LEARNING TEAM (CONTINUED)

M E FRESHMAN 2 L TM E141 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 3844141 ARRANGED
 MEETS: JAN 13-MAY 9

M E FRESHMAN 3 L TM E142 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 3845142 ARRANGED
 MEETS: JAN 13-MAY 9

M E FRESHMAN 4 L TM E143 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 3846143 ARRANGED
 MEETS: JAN 13-MAY 9

M E FRESHMAN 5 L TM E144 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 7488144 ARRANGED
 MEETS: JAN 13-MAY 9

M E FRESHMAN 6 L TM E145 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 2109145 ARRANGED
 MEETS: JAN 13-MAY 9

M E FRESHMAN 7 L TM E146 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 8301146 ARRANGED
 MEETS: JAN 13-MAY 9

M E FRESHMAN 8 L TM E147 0 CREDITS
 9138147 ARRANGED
 MEETS: JAN 13-MAY 9

M E FRESHMAN 9 L TM E148 0 CREDITS
 9145148 ARRANGED
 MEETS: JAN 13-MAY 9

M E FRESHMAN 10 L TM E149 0 CREDITS
 9147149 ARRANGED
 MEETS: JAN 13-MAY 9

AG ENGR JUNIOR L TM E301 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 4277301 ARRANGED
 MEETS: JAN 13-MAY 9

ENTREPRENEURSHIP LC L TM M144 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR.
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 6876144 ARRANGED
 MEETS: JAN 13-MAY 9

JBLT L TM M301 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 9121301 ARRANGED
 MEETS: JAN 13-MAY 9

LIBERAL ARTS & SCIENCES

LIBERAL ARTS & SCIENCES

(CONTINUED)

ORIENTATION LAS 101 .5 CREDIT
 Satisfactory-Fail Only.
 6241005 W 1:10-2:00
 MEETS: JAN 13-MARCH 7

HUMANTIES FRONTIERS LAS 103B 1 CREDIT
 Note: TITLE: SCIENCE IN CONTROVERSY
 Satisfactory-Fail Only.
 7463005 T 2:10-4:00 GOODWIN J
 MEETS: JAN 13-MARCH 7

COMMUNCTN FRONTIERS LAS 103C 1 CREDIT
 Satisfactory-Fail Only.
 7464005 1 R 2:10-4:00 SWEET D
 MEETS: JAN 13-MARCH 7
 Note: SEC 1 TITLE: NONVERBAL COMMUNICATION
 PATTERNS ASSOCIATED WITH HOSTILE INTENT,
 SUSPICIOUS BEHAVIOR, AND DECEPTION

MATH & SCI FRONTIERS LAS 103D 1 CREDIT
 Satisfactory-Fail Only.
 7465005 1 M 4:10-5:00 SAKAGUCHI D
 MEETS: JAN 13-MAY 9
 Note: SEC 1 TITLE: STEM CELLS AND CELLULAR
 ENGINEERING: IMPLICATIONS FOR SCIENCE &
 SOCIETY
 7465010 2 T 2:10-4:00 SEVERIN A
 MEETS: MARCH 10-MAY 9
 Note: SEC 2 TITLE: BIG-DATA, BIOLOGY, &
 DNA AT IOWA STATE

SOCIAL SCI FRNTIERS LAS 103E 1 CREDIT
 Satisfactory-Fail Only.
 7466005 1 W 5:10-6:00PM DUSSELIER J
 MEETS: JAN 13-MAY 9
 Note: SEC 1 TITLE: FOOD FOR THOUGHT: CONSUMING
 ASIAN AMERICAN HISTORIES & CULTURES

DEANS LEADER SEM II LAS 152X 1 CREDIT
 Prereq: SELECTION BASED ON APPLICATION
 Note: COURSE MEETS EVER OTHER WEEK.
 9527005 W 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

INTR U.S. LATINO ST LAS 211 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2890005 1 TR 11:00-12:30 BEHNKEN B
 MEETS: JAN 13-MAY 9
 2890010 2 MWF 2:10-3:00 MALDONADO M
 MEETS: JAN 13-MAY 9

SPECIAL PROJECTS LAS 290D 1- 3 CREDITS
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;
 PERMISSION OF LAS DEAN
 7384005 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 7384007 AS ARRANGED SLAGELL A
 MEETS: JAN 13-MAY 9
 7384008 BS ARRANGED SCHMITTMANN B
 MEETS: JAN 13-MAY 9

SPL PROJ CATT CNTR LAS 290G 1- 3 CREDITS
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION,
 PERMISSION OF THE DIRECTOR OF THE CATT CENTER
 Note: PERMISSION OF DIRECTOR OF THE CATT CENTER
 REQUIRED TO ADD.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SRVC LRN INTL PERSP LAS 291C 1- 4 CREDITS
 Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 Satisfactory-Fail Only.
 3699800 BZ ARRANGED LAW L
 MEETS: MARCH 15-22
 Note: SEC BZ TAUGHT IN PUNTA GORDA, BEIZE.
 ALTERNATIVE SPRING BREAK SERVICE LEARNING.
 STUDY ABROAD SPRING 2014 TAUGHT FOR 2 CREDITS
 SPRING 2014
 Study Abroad Administrative Fee Applies

INTERNSHIP/CO-OP LAS 298 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES,
 SOPHOMORE CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LDRSHP DIVERSE SOCI LAS 322 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 8176005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 8176010 2 TR 4:10-5:30
 MEETS: JAN 13-MAY 9

TOPCS INTRDISCIP ST LAS 350A 2- 4 CREDITS
 7871005 1 ARRANGED
 MEETS: JAN 13-MAY 9

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 490A VAR. CREDITS
 Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 Note: College permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR LAS 490G VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF LAS 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SERVICE LEARNING LAS 491A 1- 4 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SERV LRNG DIVRSITY LAS 491B 1- 4 CREDITS
 Note: Meets U.S. diversity reqmt
 ***** SEE DEPT FOR REFERENCE NUMBERS

SRVC LRN INTL PERSP LAS 491C 1- 4 CREDITS
 Note: Meets international perspectives reqmt
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 498 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES,
 SENIOR CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LAS 499 1- 4 CREDITS
 Prereq: PERMISSION OF LAS CAREER SERVICES
 Note: College permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIBRARY

INFORMATN LITERACY LIB 160 1 CREDIT
 Prereq: COMPLETION OF ENGL 101 REQUIRED FOR
 STUDENTS WHOSE NATIVE LANGUAGE IS NOT ENGLISH
 Note: TEST-OUT EXAM SCHEDULED WED., JAN. 22; THURS.,
 JAN. 23; WED., MARCH 26; OR THURS., MARCH 27,
 SPECIAL LIBRARY TEST-OUT FEE IS \$100. DETAILS
 AVAILABLE IN 140 PARKS LIBRARY.
 Satisfactory-Fail Only.
 4862005 1 M 9:00-9:50, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862010 2 M 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MARCH 7
 4862015 3 M 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MARCH 7
 4862020 4 M 1:10-2:00, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862025 5 M 2:10-3:00, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862030 6 T 9:00-9:50, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862035 7 T 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MARCH 7
 4862040 8 T 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MARCH 7
 4862045 9 T 1:10-2:00, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862050 10 T 2:10-3:00, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862055 11 W 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MARCH 7
 4862060 12 W 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MARCH 7
 4862065 13 W 1:10-2:00, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862070 14 W 2:10-3:00, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862075 15 R 9:00-9:50, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862080 16 R 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MARCH 7
 4862085 17 R 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MARCH 7
 4862090 18 R 1:10-2:00, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862095 19 R 2:10-3:00, ARRANGED
 MEETS: JAN 13-MARCH 7

LIBRARY

(CONTINUED)

LINGUISTICS

(CONTINUED)

INFORMATN LITERACY LIB 160 1 CREDIT
 4862100 20 F 9:00-9:50, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862105 21 F 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MARCH 7
 4862110 22 F 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MARCH 7
 4862115 23 F 1:10-2:00, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862120 24 M 9:00-9:50, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862125 25 M 10:00-10:50
 ARRANGED
 MEETS: MARCH 10-MAY 9
 4862130 26 M 11:00-11:50
 ARRANGED
 MEETS: MARCH 10-MAY 9
 4862135 27 M 1:10-2:00, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862140 28 M 2:10-3:00, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862145 29 T 9:00-9:50, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862150 30 T 10:00-10:50
 ARRANGED
 MEETS: MARCH 10-MAY 9
 4862155 31 T 11:00-11:50
 ARRANGED
 MEETS: MARCH 10-MAY 9
 4862160 32 T 1:10-2:00, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862165 33 T 2:10-3:00, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862170 34 W 10:00-10:50
 ARRANGED
 MEETS: MARCH 10-MAY 9
 4862175 35 W 11:00-11:50
 ARRANGED
 MEETS: MARCH 10-MAY 9
 4862180 36 W 1:10-2:00, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862185 37 W 2:10-3:00, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862190 38 R 9:00-9:50, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862200 39 R 10:00-10:50
 ARRANGED
 MEETS: MARCH 10-MAY 9
 4862205 40 R 11:00-11:50
 ARRANGED
 MEETS: MARCH 10-MAY 9
 4862210 41 R 1:10-2:00, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862215 42 R 2:10-3:00, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862220 43 F 9:00-9:50, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862225 44 F 10:00-10:50
 ARRANGED
 MEETS: MARCH 10-MAY 9
 4862230 45 F 11:00-11:50
 ARRANGED
 MEETS: MARCH 10-MAY 9
 4862235 46 F 1:10-2:00, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862240 47 W 3:10-4:00, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862245 48 F 2:10-3:00, ARRANGED
 MEETS: JAN 13-MARCH 7
 4862250 49 W 3:10-4:00, ARRANGED
 MEETS: MARCH 10-MAY 9
 4862255 50 F 2:10-3:00, ARRANGED
 MEETS: MARCH 10-MAY 9

LINGUISTICS

INTRO STDY LINGUIST LING 101 1 CREDIT
 7490005 A T 3:40-4:30
 MEETS: JAN 13-MAY 9
 INTRO WORLD LANGUAG LING 119 3 CREDITS
 Note: Meets international perspectives reqmt
 6257005 1A MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
 6257010 1B MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 INTR SYMBOLIC LOGIC LING 207 3 CREDITS
 Note: Instructor permission required 1st week.
 8592005 TR 9:30-10:50 BUTLER A
 MEETS: JAN 13-MAY 9

INTRO LINGUISTICS LING 219 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 8593005 A MWF 8:00-8:50
 MEETS: JAN 13-MAY 9
 8593010 B MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 8593015 C TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 DESCRP ENGL GRAMMAR LING 220 3 CREDITS
 Prereq: ENGL 250
 8594005 A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 8594010 B TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 8594600 XW ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 INTRO COMM DISORDER LING 275 3 CREDITS
 8596005 TR 12:40-2:00 VENKATAGIRI H
 MEETS: JAN 13-MAY 9
 THEORY OF COMPUTING LING 331 3 CREDITS
 Prereq: COM S 228, COM S 229, COM S 330 OR CPR E
 310; MATH 166, ENGL 250
 Note: Available for nonmajor graduate credit
 8601005 1 TR 12:40-2:00
 T 9:00-9:50
 MEETS: JAN 13-MAY 9
 8601010 2 TR 12:40-2:00
 T 1:10-2:00
 MEETS: JAN 13-MAY 9
 INTR SPANSH PHONOLG LING 352 3 CREDITS
 Prereq: SPAN 301, SPAN 303, OR SPAN 304
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 3492005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 3492010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 PHONETICS&PHONOLOGY LING 371 3 CREDITS
 Prereq: CMDIS 275 OR ENGL 219
 Note: COURSE RESTRICTED TO LING MAJORS ONLY
 8595005 TR 3:40-5:00 VENKATAGIRI H
 MEETS: JAN 13-MAY 9
 PSYCH OF LANGUAGE LING 413 3 CREDITS
 Prereq: PSYCH 101
 Note: Available for nonmajor graduate credit
 8603005 A1 TR 12:40-2:00 MORRIS A
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 8603010 A2 TR 12:40-2:00 MORRIS A
 MEETS: JAN 13-MAY 9
 HIST OF ENGLISH LANG LING 420 3 CREDITS
 Prereq: ENGL 219, ENGL 220
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 Available for nonmajor graduate credit
 8605005 A MW 3:10-4:30
 MEETS: JAN 13-MAY 9
 WOMEN,MEN&ENGL LANG LING 422 3 CREDITS
 Prereq: ENGL 219
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 3612005 A MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 2ND LANG LRNG&TCHNG LING 425 3 CREDITS
 Prereq: ENGL 219, JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 9594005 A MW 4:10-5:30
 MEETS: JAN 13-MAY 9
 HISPANC DIALECTOLGY LING 463 3 CREDITS
 Prereq: SPAN 352
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 4600005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 IND STU LINGUISTICS LING 490B VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 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

LINGUISTICS

(CONTINUED)

MANAGEMENT

(CONTINUED)

LANGU ASSESS PRACTM LING 513 3 CREDITS
 Prereq: ENGL 519
 9060005 A ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO ENGL, LING MJORS ONLY

SOCIOLINGUISTICS LING 514 3 CREDITS
 Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
 8619006 A TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

2ND LANUAGE ASSESSM LING 519 3 CREDITS
 Prereq: ENGL 511
 9070005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9

COMPUTNL ANALY ENGL LING 520 3 CREDITS
 Prereq: ENGL 510 AND ENGL 511
 6500005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9

TCH NONNATV LIS&SPK LING 525 3 CREDITS
 Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
 4479005 A MW 11:00-12:20
 MEETS: JAN 13-MAY 9

CPR-ASSIST LANG LRN LING 526 3 CREDITS
 Prereq: ENGL 511 OR EQUIVALENT
 7280005 A M 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

DISCOURSE ANALYSIS LING 527 3 CREDITS
 Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 2238005 A TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

PRA TCH ENG 2ND LNG LING 588 3 CREDITS
 Prereq: 9 CREDITS TOWARD THE TESL CERTIFICATE;
 15 CREDITS TOWARD THE TESL/APPLIED LING MASTER'S
 DEGREE; OR COMPLETION OF ALL OTHER REQUIREMENTS
 FOR K-12 ESL TEACHER ENDORSEMENT.
 6550005 A ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOP TESL/LINGUI LING 590B VAR. CREDITS
 Prereq: PERMISSION OF THE GRADUATE STUDIES
 COMMITTEE ACCORDING TO GUIDELINES AVAILABLE IN THE
 DEPARTMENT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

CPTR-ASIST LANG TST LING 626 3 CREDITS
 Prereq: ENGL 510, ENGL 511, ENGL 519
 9074005 A TR 2:10-3:30
 MEETS: JAN 13-MAY 9

PRACTCM TEC &LINGUI LING 688 3 CREDITS
 Prereq: ENGL 510, ENGL 626, OR EQUIVALENT; AT
 LEAST SECOND YR PH.D. STUDENT IN APPLIED LING &
 TECHNOLOGY
 6574005 A ARRANGED
 MEETS: JAN 13-MAY 9

MANAGEMENT

ENTREPRENRSH&INNOV MGMT 310 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, FIN, MGMT, MIS, MKT, OSCM, LSCM, SCM
 MAJORS ONLY. SEC A2,B2,C2 FOR COLLEGES OTHER THAN
 BUSINESS MAJORS.

5318005 A1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

5318010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

5318015 B1 TR 2:10-3:25
 MEETS: JAN 13-MAY 9

5318020 B2 TR 2:10-3:25
 MEETS: JAN 13-MAY 9

5318025 C1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

5318030 C2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

FEASIB ANLY&BUS PLN MGMT 313 3 CREDITS
 Prereq: MGMT 310
 Note: SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, FIN, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS
 ONLY. SEC A2,B2 FOR COLLEGES OTHER THAN BUSINESS
 MAJORS.

6779005 A1 T 6:40-9:25PM
 MEETS: JAN 13-MAY 9

6779010 A2 T 6:40-9:25PM
 MEETS: JAN 13-MAY 9

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS
 Prereq: ECON 101 OR ECON 102 OR EQUIVALENT
 Note: SEC A-G & K RESTRICTED TO ACCT, AN S, AST, AG B
 BUS S, BUS U, BUSEC, DY S, HORT, FIN, FS A, I TEC,
 I BUS, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY.
 CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MKT 340
 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND
 SCM 301X.

5282005 A MWF 8:00-8:50
 MEETS: JAN 13-MAY 9

5282010 B MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

5282015 C MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

5282020 D MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

5282025 E TR 8:00-9:15
 MEETS: JAN 13-MAY 9

5282030 F TR 9:30-10:45
 MEETS: JAN 13-MAY 9

5282035 G TR 12:40-2:00
 MEETS: JAN 13-MAY 9

5282040 J MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC F RESTRICTED TO ANY MAJOR OTHER THAN
 P BUS

5282045 K TR 8:00-9:15
 MEETS: JAN 13-MAY 9

ORGANIZATNAL BEHAVR MGMT 371 3 CREDITS
 Prereq: MGMT 370
 Note: SEC A1,B1 RESTRICTED ACCT, BUS S, BUS U,
 BUSEC, FIN, MGMT, MIS, MKT, OSCM, LSCM, SCM
 MAJORS ONLY SEC A2,B2 FOR COLLEGES OTHER
 THAN BUS.

5283005 A1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

5283010 A2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

5283015 B1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

5283020 B2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

5283025 C1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

5283030 C2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

COMPETITIVE STRATGY MGMT 377 3 CREDITS
 Prereq: MGMT 370
 Note: COURSE RESTRICTED MGMT MAJORS ONLY.

5320005 A TR 11:00-12:15
 MEETS: JAN 13-MAY 9

5320010 B TR 2:10-3:25
 MEETS: JAN 13-MAY 9

INTERNATIONAL MGMT MGMT 414 3 CREDITS
 Note: SEC A1,B1 ETC RESTRICTED TO AG B, I TEC, I BUS,
 MGMT MAJORS ONLY. EC A2, B2 ECT FOR MAJORS
 OTHER THAN P BUS, AG B, I TEC, I BUS, MGMT.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR
 PERMISSION.
 Available for nonmajor graduate credit

5285005 A1 W 6:40-9:25PM
 MEETS: JAN 13-MAY 9

5285010 A2 W 6:40-9:25PM
 MEETS: JAN 13-MAY 9

5285015 B1 TR 8:00-9:15
 MEETS: JAN 13-MAY 9

5285020 B2 TR 8:00-9:15
 MEETS: JAN 13-MAY 9

SOC RESPONSBLTY BUS MGMT 419 3 CREDITS
 5288005 A MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO BUSINESS MAJORS OTHER THAN
 P BUS. NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN.

PERS&HUM RESOUR MGT MGMT 471 3 CREDITS
 Prereq: JUNIOR STANDING
 Note: SEC A1,B1 RESTRICTED TO MGMT MAJORS. SEC
 A2,B2 RESTRICTED MAJORS OTHER MGMT, P BUS.
 COURSE

5293005 A1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

5293010 A2 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

5293015 B1 TR 2:10-3:25
 MEETS: JAN 13-MAY 9

5293020 B2 TR 2:10-3:25
 MEETS: JAN 13-MAY 9

MANAGE OF DIVERSITY MGMT 472 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION
 Meets U.S. diversity reqmt
 Available for nonmajor graduate credit

4444005 A1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 FIN, LSCM, MGMT, MIS, MKT, OSCM SCM MAJORS ONLY.

4444010 A2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE

MANAGEMENT

(CONTINUED)

STRATEGIC MANAGEMNT MGMT 478 3 CREDITS
 Prereq: MGMT 370; ACCT 285; FIN 301; MKT 340;
 SCM 301; GRADUATING SENIOR
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING
 2014 IN THE COLLEGE OF BUSINESS
 5294005 A TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 5294010 B TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 5294015 C TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 5294020 D TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 5294025 E TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 5294030 F TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 5294035 G MW 5:10-6:25PM
 MEETS: JAN 13-MAY 9
 5294040 J MW 6:40-7:55PM
 MEETS: JAN 13-MAY 9
 5294045 K TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 5294050 L T 6:40-9:25PM
 MEETS: JAN 13-MAY 9
 5294055 M MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY MGMT 490 1- 3 CREDITS
 Prereq: MGMT 370, SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PERSONALITY & MGMT MGMT 572 3 CREDITS
 Prereq: GRADUATE STANDING OR PERMISSION OF
 INSTRUCTOR
 9258005 A R 6:00-9:20PM
 MEETS: JAN 16-APRIL 10

STRATEG MGT INNOVAT MGMT 583 3 CREDITS
 Prereq: MGMT 504 OR PERMISSION OF INSTRUCTOR
 5816005 A M 6:00-9:20PM
 MEETS: JAN 13-MAY 9
 5816600 XE ARRANGED HERRMANN P
 MEETS: JAN 14-APRIL 8
 Note: RESTRICTED TO IMSE MAJORS ONLY.
 Section XE is off campus
 Course delivery is WW

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 W 2:10-5:00
 MEETS: JAN 13-MAY 9

MANAGEMENT INFORMATION SYSTEMS

FUND CPTR PROGRAMNG MIS 207 3 CREDITS
 Prereq: MATH 150 OR PLACEMENT INTO MATH
 140/MATH 141/MATH 142 OR HIGHER
 Night exams scheduled. For dates go to
 http://www.registrar.iastate.edu/students/exams/
 night-exams.
 6633005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO BUS COLLEGE STUDENTS ONLY
 6633010 2 MWF 9:00-9:50
 W 3:10-4:00
 MEETS: JAN 13-MAY 9
 6633015 3 MWF 9:00-9:50
 R 3:10-4:00
 MEETS: JAN 13-MAY 9

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.
 4394005 A1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 4394010 A2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 4394015 B1 TR 2:10-3:25
 MEETS: JAN 13-MAY 9
 4394020 B2 TR 2:10-3:25
 MEETS: JAN 13-MAY 9
 4394025 C1 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 4394030 C2 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 4394035 D1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 4394040 D2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 4394045 E1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

MANAGEMENT INFORMATION SYSTEMS

(CONTINUED)

MGMT INFO SYSTEMS MIS 330 3 CREDITS
 4394050 E2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 4394055 F1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 4394060 F2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 4394065 G1 TR 8:00-9:15
 MEETS: JAN 13-MAY 9
 4394070 G2 TR 8:00-9:15
 MEETS: JAN 13-MAY 9
 4394075 J1 MW 6:40-7:55PM
 MEETS: JAN 13-MAY 9
 4394080 J2 MW 6:40-7:55PM
 MEETS: JAN 13-MAY 9
 4394085 K1 MW 8:10-9:25PM
 MEETS: JAN 13-MAY 9
 4394090 K2 MW 8:10-9:25PM
 MEETS: JAN 13-MAY 9

INTMD BSNESS PRGRMG MIS 331 3 CREDITS
 Prereq: MIS 207/COM s 207 OR COM s 227
 Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY.
 SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN,
 LSCM, MGMT, MKT, OSCM, SCM MAJORS.
 9608005 A1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 9608010 A2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

INFO SYST ANALYSIS MIS 432 3 CREDITS
 Prereq: MIS 330
 Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY.
 SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN,
 MGMT, MKT, OSCM, SCM MAJORS ONLY. COURSE IS
 NOT OPENTO GRADUATE STUDENTS WITHOUT PERMISSION
 FROM 1200 GERDIN.
 Available for nonmajor graduate credit
 5290005 A1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 5290010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

DATABASE MGT SYSTMS MIS 433 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 331
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR
 PERMISSION.
 Available for nonmajor graduate credit
 5289005 A1 TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY.
 5289010 A2 TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 Note: SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN,
 LSCM, MGMT, MKT, OSCM, SCM MAJORS ONLY. CREDIT FOR
 EITHER MIS 433 OR MIS 423, BUT NOT BOTH, MAY BE
 APPLIED TOWARD GRADUATION.

INFO SYS INFRASTRUC MIS 435 3 CREDITS
 Prereq: MIS 330
 Note: SEC A1,B1 RESTRICTED TO LSCM, MIS, OSCM, SCM
 UNDERGRADS ONLY. SEC A2,B2 RESTRICTED TO ACCT, BUS U
 BUSEC, FIN, LSCM, MGMT, MKT, OSCM, SCM MAJORS ONLY.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION
 Available for nonmajor graduate credit
 6396005 A1 TR 9:30-10:45
 MEETS: JAN 13-MAY 9
 6396010 A2 TR 9:30-10:45
 MEETS: JAN 13-MAY 9

PROJECT MANAGEMENT MIS 437 3 CREDITS
 Note: SEC A1,B1 RESTRICTED TO MIS MAJORS ONLY
 SEC A2,B2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN,
 LSCM, MGMT, MKT, OSCM, SCM MAJORS ONLY.
 GRADUATE SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit
 4561005 A1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 4561010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 4561015 B1 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 4561020 B2 TR 3:40-5:00
 MEETS: JAN 13-MAY 9

INFO SYSTM DEVELPMT MIS 438 3 CREDITS
 Prereq: MIS 432, MIS 433, CREDIT OR ENROLLMENT IN
 MIS 435
 Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY
 SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN,
 LSCM, MGMT, MKT, OSCM, SCM MAJORS ONLY.
 GRADUATE SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit
 5291005 A1 TR 8:00-9:15
 MEETS: JAN 13-MAY 9
 5291010 A2 TR 8:00-9:15
 MEETS: JAN 13-MAY 9

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

ENTERPRISE SYS&ARCH MIS 445 3 CREDITS
 Prereq: MIS 436
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY
 7696005 A TR 6:40-7:55PM
 MEETS: JAN 13-MAY 9

ADV BUSINSS ANALYTC MIS 446 3 CREDITS
 Prereq: MIS 436
 Note: Available for nonmajor graduate credit
 9113005 A1 TR 2:10-3:25
 MEETS: JAN 13-MAY 9
 9113010 A2 TR 2:10-3:25
 MEETS: JAN 13-MAY 9

ERP SYS&SUPPLY CHAIN MIS 450 3 CREDITS
 Prereq: SCM 301, MIS 330 OR I E 148, I E 341
 Note: Available for nonmajor graduate credit
 6653005 A1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO SCM UNDERGRADS ONLY
 6653010 A2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR COLLEGE OF BUSINESS MAJORS EXCEPT P BUS

INDEPENDENT STUDY MIS 490 1- 3 CREDITS
 Prereq: MIS 330, SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANAGEMT INFO SYSTM MIS 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 Note: Department permission required 1st week.
 9126005 A R 8:30-11:50
 MEETS: JAN 16-APRIL 10
 Note: Course delivery is On-site instruction
 9126600 XA R 5:50-9:10PM MENNECKE B
 MEETS: JAN 16-APRIL 10
 Note: NON BUSINESS GRADUATE STUDENTS CONTACT
 BUSGRAD@IATSTATE.EDU.
 Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by DES MOINES

TELECOMMUNICTNS MGT MIS 535 3 CREDITS
 Prereq: MIS 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8679005 A R 6:00-9:20PM
 MEETS: JAN 16-APRIL 10

SPECIAL TOPICS MIS 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES SEMINAR IN MIS MIS 598 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8081005 A W 6:00-9:20PM
 MEETS: JAN 15-APRIL 9

CREATIVE COMPONENT MIS 599 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 SUPERVISORY COMMITTEE CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BEHVRL ISS IS RSRCH MIS 601 3 CREDITS
 Prereq: MIS 501 OR EQUIVALENT, ENROLLMENT IN PHD
 PROGRAM
 7511005 A W 9:00-11:50
 MEETS: JAN 13-MAY 9

RESEARCH MIS 699 3- 6 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MARKETING

PRIN OF MARKETING MKT 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN ECON 101
 Note: CONCURRENT ENROLLMENT OR PRIOR CREDIT IN
 MGMT 370 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301
 AND SCM 301.
 5352005 A MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO ACCT, AG B, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.
 5352010 B TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC B RESTRICTED TO ACCT, AG B, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.
 5352015 C TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC C RESTRICTED TO ACCT, AG B, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.
 5352020 D W 6:40-9:25PM
 MEETS: JAN 13-MAY 9
 Note: SEC D RESTRICTED TO ACCT, AG B, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,

MARKETING (CONTINUED)

PRIN OF MARKETING MKT 340 3 CREDITS
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.
 5352025 E MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC E RESTRICTED TO ACCT, AG B, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.
 5352030 F TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC F RESTRICTED TO ANY MAJOR OTHER THAN
 P BUS
 5352035 G MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC G 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.
 5352040 J MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC J RESTRICTED TO ACCT, AG B, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.
 5352045 K MWF 8:00-8:50
 MEETS: JAN 13-MAY 9
 Note: SEC K 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.
 5352050 L MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC L 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.
 5352055 M MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 5352060 N MWF 4:10-5:00
 MEETS: JAN 13-MAY 9
 5352065 P TR 5:10-6:25PM
 MEETS: JAN 13-MAY 9

PERSONAL SALES MKT 343 3 CREDITS
 Prereq: MKT 340
 Note: SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, FIN, I BUS, MGMT, MIS, MKT, OSCM, LSCM, SCM
 MAJORS ONLY. SECTIONS A2,B2 FOR COLLEGES OTHER THAN
 BUSINESS.
 5354005 A1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 5354010 A2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 5354015 B1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 5354020 B2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

PROMOTIONAL STRATEG MKT 410 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MKT 447
 Note: SEC A1,B1 RESTRICTED TO MKT MAJORS ONLY.
 SEC A2,B2 FOR MAJORS OTHER THAN MKT AND P BUS.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit
 5355005 A1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 5355010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 5355015 B1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 5355020 B2 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

SALES MANAGEMENT MKT 442 3 CREDITS
 Prereq: MKT 340
 Note: Available for nonmajor graduate credit
 5357005 A1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO MKT MAJORS ONLY.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION
 5357010 A2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN MKT, P BUS.
 GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION

STRATEGC MRKTNG MGT MKT 443 3 CREDITS
 Prereq: MKT 444, MKT 447
 Note: COURSE RESTRICTED TO MKT MAJORS ONLY GRADUATING
 SPRING 2014.
 5358005 A TR 8:00-9:15
 MEETS: JAN 13-MAY 9
 5358010 B TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 5358015 C T 6:40-9:25PM
 MEETS: JAN 13-MAY 9

MARKTG RSEARCH TCNQ MKT 444 3 CREDITS
 Prereq: MKT 340, STAT 226
 Note: COURSE RESTRICTED TO MKT MAJORS ONLY.
 GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION
 Available for nonmajor graduate credit
 5359005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO MKT UNDERGRADS ONLY.
 5359010 B TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 Note: SEC B RESTRICTED TO MKT UNDERGRADS ONLY.

MARKETING

(CONTINUED)

CUSTOMER RELATN MGT MKT 445 3 CREDITS
 Prereq: MKT 340
 9068005 A1 TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 9068010 A2 TR 11:00-12:15
 MEETS: JAN 13-MAY 9
 9068015 B1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 9068020 B2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

CONSUMER BEHAVIOR MKT 447 3 CREDITS
 Prereq: MKT 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.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit
 5362005 A1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 5362010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 5362015 B1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 5362020 B2 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 5362025 C1 M 6:40-9:25PM
 MEETS: JAN 13-MAY 9
 5362030 C2 M 6:40-9:25PM
 MEETS: JAN 13-MAY 9

GLOBAL MARKETING MKT 448 3 CREDITS
 Prereq: MKT 340
 Note: GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit
 9609005 A TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED MKT, I BUS MAJORS ONLY.

MARKETING CHANNELS MKT 451 3 CREDITS
 Prereq: MKT 340
 Note: COURSE RESTRICTED THE MKT MAJORS FRESHMAN
 THROUGH SENIOR.
 5823005 A R 6:40-9:25PM
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY MKT 490 1- 3 CREDITS
 Prereq: MKT 340, SENIOR CLASSIFICATION;
 PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MARKETING MKT 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 9392005 A W 8:30-11:50
 MEETS: JAN 15-APRIL 9
 Note: RESTRICTED TO BUSAD GRADS ONLY
 9392605 XA W 5:50-9:10PM AGARWAL S
 MEETS: JAN 15-APRIL 9
 Note: NON BUSINESS GRADUATE STUDENTS CONTACT
 BUSGRAD@IATSTATE.EDU.
 Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by DES MOINES
 9392600 XE ARRANGED AGARWAL S
 MEETS: JAN 15-APRIL 9
 Note: RESTRICTED TO IMSE MAJORS ONLY.
 Section XE is off campus
 Course delivery is WWW

INTEGRATED MKT COMM MKT 545 3 CREDITS
 Prereq: MKT 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8040005 W 6:00-9:20PM
 MEETS: JAN 15-APRIL 9

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

MARKETING STRATEGY MKT 602 3 CREDITS
 Prereq: MGMT 601
 7627005 T 9:00-11:50
 MEETS: JAN 13-MAY 9

MATERIALS ENGINEERING

MAT SCI&ENGR PLANNI MAT E 201 R CREDIT
 Prereq: SOPHOMORE CLASSIFICATION IN MAT E
 Satisfactory-Fail Only.
 5726005 R 11:00-11:50
 MEETS: JAN 13-MAY 9

MATERIALS ENGINEERING

(CONTINUED)

STRUCTRL CHARAC MAT MAT E 214 3 CREDITS
 Prereq: MAT E 215, CR OR ENROLLMENT IN PHYS 221
 6333005 A MW 12:10-1:00
 T 9:00-11:50
 MEETS: JAN 13-MAY 9
 6333010 B MW 12:10-1:00
 R 9:00-11:50
 MEETS: JAN 13-MAY 9
 6333015 C MW 12:10-1:00
 T 12:10-3:00
 MEETS: JAN 13-MAY 9
 6333020 D MW 12:10-1:00
 R 12:10-3:00
 MEETS: JAN 13-MAY 9

INTRO MTRLS SCI&E I MAT E 215 3 CREDITS
 Prereq: MATH 165; CHEM 177 OR CHEM 167
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY
 BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 273,
 MAT E 392.
 7495005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

INTRO MAT S&E LAB I MAT E 215L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MAT E 215 OR
 MAT E 272 OR MAT E 392; MAJOR IN MATERIALS
 ENGINEERING
 7496005 M 11:00-1:50
 MEETS: JAN 13-MAY 9

INTRO MATRLS SCI II MAT E 216 4 CREDITS
 Prereq: MAT E 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 13-MAY 9
 7497010 B MWF 10:00-10:50
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 7497015 C MWF 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 7497020 D MWF 10:00-10:50
 T 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 7497025 E MWF 10:00-10:50
 F 11:00-1:50
 MEETS: JAN 13-MAY 9

GLOBLIZTN &SUSTAINB MAT E 220 3 CREDITS
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT
 TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 9059005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 9059010 2 MWF 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 9

PRIN MATRLS SCI&ENG MAT E 273 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION; CHEM 167 OR
 CHEM 177; MATH 165
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: MAT E 215,
 MAT E 272, MAT E 273, MAT E 392. RESTRICTED TO
 COLLEGE OF ENGR SOPHOMORES AND ABOVE.
 3814005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

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: MAT E 216, MAT E 311
 Note: Available for nonmajor graduate credit
 6575005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

COMPUT MTHDS MATRLS MAT E 316 3 CREDITS
 Prereq: MAT E 215
 Note: Available for nonmajor graduate credit
 6576005 MF 1:10-2:00
 W 1:10-2:00, ARRANGED
 MEETS: JAN 13-MAY 9

CERAM PROCES:FIRING MAT E 322 3 CREDITS
 Prereq: MAT E 321
 Note: Available for nonmajor graduate credit
 6592005 A MF 9:00-9:50
 T 8:00-10:50
 MEETS: JAN 13-MAY 9
 6592010 B MF 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 13-MAY 9

MATERIALS ENGINEERING (CONTINUED)

SEMICONDUCTOR MATERIALS & DEVICES MAT E 332 3 CREDITS
 Prereq: PHYS 222; ADDITIONAL PREREQ FOR MAT E
 MAJORS: MAT E 334; ADDITIONAL PREREQ FOR E E AND
 CPE MAJORS: E E 230
 Note: Available for nonmajor graduate credit
 6597005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

ELECTRIC & MAGNETIC PROPERTIES MATERIALS MAT E 334 3 CREDITS
 Prereq: MAT E 317
 Note: Available for nonmajor graduate credit
 6596005 MW 2:10-3:00
 F 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 9

PRINTING NONDESTRUCTIVE TEST MATERIALS MAT E 362 3 CREDITS
 Prereq: PHYS 112 OR PHYS 222
 Note: Available for nonmajor graduate credit
 5045005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

NONDESTRUCTIVE TEST LABORATORY MATERIALS MAT E 362L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MAT E 362
 Note: Available for nonmajor graduate credit
 5046005 A M 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 5046010 B T 3:10-6:00PM
 MEETS: JAN 13-MAY 9

TOYING WITH TECHNOLOGY MATERIALS MAT E 370 3 CREDITS
 Prereq: C I 201 OR C I 202
 5939005 A TR 1:10-3:00
 MEETS: JAN 13-MAY 9

INTRODUCTION TO WOMEN IN INDUSTRY MATERIALS 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 R 5:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

TOPICS IN SUSTAINABLE ENGINEERING ITALY MATERIALS MAT E 394X 3 CREDITS
 Prereq: CHEM 167 OR CHEM 177
 9687005 ARRANGED
 MEETS: JAN 13-MAY 9

ENGINEERING INTERNSHIP MATERIALS MAT E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES; JR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATION MATERIALS MAT E 398 R CREDIT
 Prereq: MAT E 298, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONAL PRACTICE II MATERIALS MAT E 414 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 6650005 MW 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MAY 9

MECHANICAL BEHAVIOR MATERIALS MAT E 418 3 CREDITS
 Prereq: MAT E 216, CREDIT OR ENROLLMENT IN E M
 324
 Note: Available for nonmajor graduate credit
 6585005 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

MICROELECTRONIC FABRICATION MATERIALS MAT E 432 4 CREDITS
 Prereq: PHYS 222, MATH 267. RECOMMENDED: E E 332
 OR MAT E 334.
 Note: Available for nonmajor graduate credit
 6677005 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 13-MAY 9

PHYSICS OF METALS & FERRITIC ALLOYS MATERIALS MAT E 443 3 CREDITS
 Prereq: MAT E 214, MAT E 216, CREDIT OR
 ENROLLMENT IN MAT E 311
 Note: Available for nonmajor graduate credit
 6679005 MW 8:00-8:50
 F 8:00-8:50, ARRANGED
 MEETS: JAN 13-MAY 9

CORROSION & FAILURE ANALYSIS MATERIALS MAT E 444 3 CREDITS
 Prereq: MAT E 216, CREDIT OR ENROLLMENT IN MAT E
 418
 Note: Available for nonmajor graduate credit
 6680005 A MF 1:10-2:00
 T 3:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 9
 6680010 B MF 1:10-2:00
 T 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9
 6680015 C MF 1:10-2:00
 T 1:10-2:00, ARRANGED
 MEETS: JAN 13-MAY 9

MATERIALS ENGINEERING (CONTINUED)

POLYMER COMPOSITES & PROCESSES MATERIALS MAT E 454 3 CREDITS
 Prereq: MAT E 351
 Note: Available for nonmajor graduate credit
 6683005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

RARE EARTH METALS MATERIALS MAT E 457 3 CREDITS
 Prereq: MAT E 311 OR CHEM 325; CHEM 324
 OR PHYS 322
 6598005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 6598600 XE ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

MULTIDISCIPLINARY ENGINEERING DESIGN MATERIALS MAT E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS
 OF GRADUATION, PERMISSION OF INSTRUCTOR
 1740005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY MATERIALS MAT E 490 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATION MATERIALS MAT E 498 R CREDIT
 Prereq: MAT E 398, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS SCIENCE & ENGINEERING

BHV & MFG POLYMER & COMPOSITES MATERIALS M S E 521 3 CREDITS
 Prereq: M E 324 OR MAT E 272 AND E M 324
 5075005 TR 12:30-2:00
 MEETS: JAN 13-MAY 9
 5075600 XE ARRANGED SHROTRIYA P
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

SOLID STATE SCIENCE MATERIALS M S E 530 3 CREDITS
 Prereq: MAT E 334 OR E E 332 OR PHYS 322
 5616005 MW 4:10-5:30
 MEETS: JAN 13-MAY 9

ELTRONIC PROPERTIES MATERIALS MATERIALS M S E 539 3 CREDITS
 Prereq: E E 332 OR MAT E 331 OR PHYS 322
 6246008 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

FUNDAMENTALS OF NONDESTRUCTIVE EVALUATION MATERIALS M S E 550 4 CREDITS
 Prereq: E M 324, MATH 385
 8550005 1 MWF 2:10-3:00
 T 9:00-10:50
 MEETS: JAN 13-MAY 9

POLYMER COMPOSITES & PROCESSES MATERIALS M S E 554 3 CREDITS
 Prereq: MAT E 351
 3507005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

RARE EARTH METALS MATERIALS M S E 557 3 CREDITS
 Prereq: MAT E 311 OR CHEM 325; CHEM 324
 OR PHYS 322
 6571005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 6571600 XE ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

MCH COMPOSITE MATERIALS MATERIALS M S E 569 3 CREDITS
 Prereq: E M 324
 5602005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS MATERIALS M S E 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS SEMINAR MATERIALS M S E 601 1 CREDIT
 Prereq: GRADUATE STANDING IN THE M S E DEPARTMENT
 6399005 R 3:10-4:00
 MEETS: JAN 13-MAY 9

ACADEMIC TEACHING PRACTICES MATERIALS M S E 610 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5685005 MW 9:00-9:50
 MEETS: JAN 13-MAY 9

FUNDAMENTALS OF PHASE TRANSFORMATIONS MATERIALS M S E 620 3 CREDITS
 Prereq: M S E 520
 5686005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

MATERIALS SCIENCE & ENGINEERING (CONTINUED)

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 13-MAY 9

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

MATHEMATICS

HIGH SCHOOL ALGEBRA MATH 10 0 CREDITS
Note: DEVELOPMENTAL MATH FEE APPLIES. SEE
HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEES/FEEINFO.HTML
FOR MORE INFORMATION ON THIS FEE.
Instructor permission required 1st week.
Satisfactory-Fail Only.

- 5115005 A MTRF 11:00-11:50
MEETS: JAN 13-MAY 9
- 5115010 B MTRF 11:00-11:50
MEETS: JAN 13-MAY 9
- 5115015 C MTRF 1:10-2:00
MEETS: JAN 13-MAY 9
- 5115025 D MTRF 1:10-2:00
MEETS: JAN 13-MAY 9

INTRO PROB&MATRIC MATH 104 3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
Note: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS
EARNED IN MATH 104 CANNOT BE APPLIED TOWARD
GRADUATION BY MATH MAJORS.

- 5128005 A MWF 2:10-3:00
MEETS: JAN 13-MAY 9

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 13-MAY 9

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.

Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/night-exams/](http://www.registrar.iastate.edu/students/exams/night-exams)

- 5132005 A MF 10:00-10:50
T 1:10-2:00
MEETS: JAN 13-MAY 9
- 5132010 B MF 10:00-10:50
T 2:10-3:00
MEETS: JAN 13-MAY 9
- 5132015 C MF 10:00-10:50
T 4:10-5:00
MEETS: JAN 13-MAY 9
- 5132020 D MF 10:00-10:50
T 1:10-2:00
MEETS: JAN 13-MAY 9
- 5132025 E MF 10:00-10:50
T 2:10-3:00
MEETS: JAN 13-MAY 9
- 5132030 F MF 10:00-10:50
T 4:10-5:00
MEETS: JAN 13-MAY 9
- 5132035 G MF 1:10-2:00
R 1:10-2:00
MEETS: JAN 13-MAY 9
- 5132040 H MF 1:10-2:00
R 2:10-3:00
MEETS: JAN 13-MAY 9
- 5132045 J MF 1:10-2:00
R 4:10-5:00
MEETS: JAN 13-MAY 9
- 5132050 K MF 1:10-2:00
R 1:10-2:00
MEETS: JAN 13-MAY 9
- 5132055 L MF 1:10-2:00
R 2:10-3:00
MEETS: JAN 13-MAY 9
- 5132060 M MF 1:10-2:00
R 4:10-5:00
MEETS: JAN 13-MAY 9
- 5132600 XW ARRANGED
MEETS: JAN 13-MAY 9

Note: Section XW is off campus
Course delivery is WWW

MATHEMATICS (CONTINUED)

TRIG&ANALY GEOMETRY MATH 142 3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
EXAM, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH
SCHOOL GEOMETRY, OR ENROLLMENT IN MATH 140
Note: CREDIT FOR EITHER MATH 141 OR MATH 142, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS
IN MATH 142 MAY NOT BE APPLIED TOWARD GRADUATION
BY MATH MAJORS. LAS COLLEGE STUDENTS MAY NOT COUNT
MATH 142 TOWARD GROUP III OF THE GEN ED REQUIREMENTS.
THE TWO SCHEDULED HOURS ARE FOR EXAMS AND HELP
SESSIONS ONLY.

- 5134005 A ARRANGED
W 11:00-11:50
T 11:00-11:50
MEETS: JAN 13-MAY 9

Note: Course delivery is WWW

- 5134010 B ARRANGED, W 2:10-3:00
T 2:10-3:00
MEETS: JAN 13-MAY 9

Note: Course delivery is WWW

- 5134015 C MF 8:00-8:50
T 1:10-2:00
MEETS: JAN 13-MAY 9

- 5134020 D MF 8:00-8:50
T 3:10-4:00
MEETS: JAN 13-MAY 9

- 5134025 E MF 8:00-8:50
T 4:10-5:00
MEETS: JAN 13-MAY 9

- 5134030 F MF 8:00-8:50
T 1:10-2:00
MEETS: JAN 13-MAY 9

- 5134035 G MF 8:00-8:50
T 3:10-4:00
MEETS: JAN 13-MAY 9

- 5134040 H MF 8:00-8:50
T 4:10-5:00
MEETS: JAN 13-MAY 9

- 5134600 XW ARRANGED
MEETS: JAN 13-MAY 9

Note: Section XW is off campus
Course delivery is WWW

PREP FOR CALCULUS MATH 143X 4 CREDITS
Prereq: ALEKS SCORE OF AT LEAST 50%

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: MATH 141, MATH 142, MATH
143X

- 7983005 A MW 3:10-4:00
TR 1:10-2:00
MEETS: JAN 13-MAY 9

- 7983010 B MW 3:10-4:00
TR 3:10-4:00
MEETS: JAN 13-MAY 9

- 7983015 C MW 3:10-4:00
TR 4:10-5:00
MEETS: JAN 13-MAY 9

- 7983020 D MW 3:10-4:00
TR 1:10-2:00
MEETS: JAN 13-MAY 9

- 7983025 E MW 3:10-4:00
TR 3:10-4:00
MEETS: JAN 13-MAY 9

- 7983030 F MW 3:10-4:00
TR 4:10-5:00
MEETS: JAN 13-MAY 9

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 13-MAY 9

Note: Course delivery is WWW

Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

- 5135010 B ARRANGED
W 10:00-10:50
MEETS: JAN 13-MAY 9

Note: Course delivery is WWW

Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

- 5135015 C ARRANGED
W 11:00-11:50
MEETS: JAN 13-MAY 9

Note: Course delivery is WWW

Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

- 5135020 D ARRANGED, W 12:10-1:00
MEETS: JAN 13-MAY 9

Note: Course delivery is WWW

Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

- 5135025 E ARRANGED, W 1:10-2:00
MEETS: JAN 13-MAY 9

Note: Course delivery is WWW

Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

- 5135030 F ARRANGED, W 2:10-3:00
MEETS: JAN 13-MAY 9

Note: Course delivery is WWW

MATHEMATICS

(CONTINUED)

DISC MATH BUS&SOC S MATH 150 3 CREDITS
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135035 G ARRANGED, W 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135040 H ARRANGED, T 4:10-5:00
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135045 J ARRANGED, T 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135105 K ARRANGED, T 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135110 L ARRANGED
 T 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135115 M ARRANGED, R 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135120 N ARRANGED
 R 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135125 P ARRANGED, R 4:10-5:00
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135130 Q ARRANGED, R 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135135 R ARRANGED, R 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135140 T ARRANGED, R 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135145 U ARRANGED, F 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135150 V ARRANGED
 F 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135155 Y ARRANGED, T 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

5135160 Z ARRANGED, T 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

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 13-MAY 9

5136010 B MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 13-MAY 9

5136015 C MF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 9

5136020 D MF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 9

5136025 E MF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 9

5136030 F MF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 9

5136040 G MF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 9

MATHEMATICS

(CONTINUED)

BUS & SOC SCI CALC MATH 151 3 CREDITS
 5136090 H MF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 9

5136045 J MF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 9

5136050 K MF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 9

5136055 L MF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 13-MAY 9

SURVEY OF CALCULUS MATH 160 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF HIGH SCHOOL ALGEBRA, 1 YR OF GEOMETRY
 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 2:10-3:00
 MEETS: JAN 13-MAY 9

CALCULUS I MATH 165 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY OR ENROLLMENT IN MATH 141 OR MATH 142
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

5138005 A MTRF 9:00-9:50
 MEETS: JAN 13-MAY 9

5138010 B MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 9

5138015 C MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 13-MAY 9

5138020 D MTRF 11:00-11:50
 MEETS: JAN 13-MAY 9

5138025 E MTRF 1:10-2:00
 MEETS: JAN 13-MAY 9

5138030 F MTRF 1:10-2:00
 MEETS: JAN 13-MAY 9

5138035 G MTRF 2:10-3:00
 MEETS: JAN 13-MAY 9

5138040 J MTRF 3:10-4:00
 MEETS: JAN 13-MAY 9

5138045 K MTWR 4:10-5:00
 MEETS: JAN 13-MAY 9

5138050 L MTRF 8:00-8:50
 MEETS: JAN 13-MAY 9

5138055 M MWF 10:00-10:50
 T 12:10-1:00
 MEETS: JAN 13-MAY 9

5138060 N MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 9

5138065 P MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 13-MAY 9

5138070 Q MWF 10:00-10:50
 T 12:10-1:00
 MEETS: JAN 13-MAY 9

5138075 R MWF 2:10-3:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 9

5138085 T MWF 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 13-MAY 9

5138090 U MWF 2:10-3:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 9

5138095 V MWF 2:10-3:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 9

5138100 W MWF 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 13-MAY 9

5138105 Y MWF 2:10-3:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 9

5138110 Z MWF 8:00-8:50
 T 1:10-2:00
 MEETS: JAN 13-MAY 9

5138115 A1 MWF 8:00-8:50
 T 1:10-2:00
 MEETS: JAN 13-MAY 9

5138120 B1 MWF 8:00-8:50
 T 2:10-3:00
 MEETS: JAN 13-MAY 9

5138125 C1 MWF 8:00-8:50
 T 2:10-3:00
 MEETS: JAN 13-MAY 9

5138130 D1 MWF 8:00-8:50
 T 3:10-4:00
 MEETS: JAN 13-MAY 9

MATHEMATICS

(CONTINUED)

CALCULUS I MATH 165 4 CREDITS
 5138135 E1 MWF 8:00-8:50
 T 3:10-4:00
 MEETS: JAN 13-MAY 9

CALCULUS II MATH 166 4 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 165 OR HIGH
 MATH PLACEMENT SCORES
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182.
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

5139005 A MWF 9:00-9:50
 T 8:00-8:50
 MEETS: JAN 13-MAY 9

5139010 B MWF 9:00-9:50
 T 8:00-8:50
 MEETS: JAN 13-MAY 9

5139015 C MWF 9:00-9:50
 T 8:00-8:50
 MEETS: JAN 13-MAY 9

5139032 D MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 9

5139025 E MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 9

5139030 F MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 9

5139035 G MTRF 10:00-10:50
 MEETS: JAN 13-MAY 9

5139040 H MTRF 10:00-10:50
 MEETS: JAN 13-MAY 9

5139045 J MWF 11:00-11:50
 R 11:00-11:50
 MEETS: JAN 13-MAY 9

5139050 K MWF 11:00-11:50
 R 11:00-11:50
 MEETS: JAN 13-MAY 9

5139055 L MTRF 12:10-1:00
 MEETS: JAN 13-MAY 9

5139060 M MTRF 1:10-2:00
 MEETS: JAN 13-MAY 9

5139065 N MTRF 1:10-2:00
 MEETS: JAN 13-MAY 9

5139070 P MTRF 2:10-3:00
 MEETS: JAN 13-MAY 9

5139075 Q MWF 7:30-8:50
 MEETS: JAN 13-MAY 9

5139080 R MTRF 9:00-9:50
 MEETS: JAN 13-MAY 9

5139090 T MWF 9:00-9:50
 T 10:00-10:50
 MEETS: JAN 13-MAY 9

5139095 U MWF 9:00-9:50
 T 10:00-10:50
 MEETS: JAN 13-MAY 9

5139100 V MWF 9:00-9:50
 T 10:00-10:50
 MEETS: JAN 13-MAY 9

5139105 W MWF 9:00-9:50
 T 8:00-8:50
 MEETS: JAN 13-MAY 9

5139110 Y MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 9

5139115 Z MWF 9:00-9:50
 T 10:00-10:50
 MEETS: JAN 13-MAY 9

5139120 A1 MWF 11:00-11:50
 R 2:10-3:00
 MEETS: JAN 13-MAY 9

5139125 B1 MWF 11:00-11:50
 R 2:10-3:00
 MEETS: JAN 13-MAY 9

5139130 C1 MWF 4:10-5:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 9

Note: SEC C1 RESTRICTED TO MATH MAJORS ONLY

5139135 D1 MWF 4:10-5:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 9

5139140 E1 MWF 4:10-5:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 9

5139145 F1 MWF 4:10-5:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 9

5139150 G1 MWF 4:10-5:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 9

5139155 H1 MWF 4:10-5:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 9

5139160 J1 MTRF 8:00-8:50
 MEETS: JAN 13-MAY 9

5139165 K1 MTRF 3:10-4:00
 MEETS: JAN 13-MAY 9

5139170 L1 MWF 11:00-11:50
 R 12:10-1:00
 MEETS: JAN 13-MAY 9

MATHEMATICS

(CONTINUED)

CALCULUS II MATH 166 4 CREDITS
 5139175 M1 MWF 11:00-11:50
 R 12:10-1:00
 MEETS: JAN 13-MAY 9

5139600 XW ARRANGED BARLOON P
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WW

LIFE SCI CALC&MDL I MATH 181 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH
 SCHOOL GEOMETRY, 1 SEMESTER OF TRIGONOMETRY OR
 ENROLLMENT IN MATH 141 OR MATH 142
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE 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 13-MAY 9

LFE SCI CALC&MDL II MATH 182 4 CREDITS
 Prereq: MATH 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 13-MAY 9

MATH FOR ELEM ED I MATH 195 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY,
 ENROLLMENT IN ELEM ED OR EARLY CHILDHOOD EDUCATION
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS. CREDITS
 EARNED IN MATH 195 CANNOT BE APPLIED TOWARD
 GRADUATION BY MATH MAJORS. STUDENTS IN THE LAS
 COLLEGE MAY NOT APPLY MATH 195 TOWARD GROUP III
 OF THE GENERAL ED REQUIREMENTS.
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

5144005 A MWF 9:30-10:50
 MEETS: JAN 13-MAY 9

5144010 B MWF 11:00-12:20
 MEETS: JAN 13-MAY 9

5144015 C MWF 2:10-3:30
 MEETS: JAN 13-MAY 9

5144020 D MWF 12:40-2:00
 MEETS: JAN 13-MAY 9

MATH FOR ELEM ED II MATH 196 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 195 AND
 ENROLLMENT IN ELEMENTARY EDUCATION OR EARLY CHILDHOOD
 EDUCATION.
 Note: CREDITS EARNED IN MATH 196 CANNOT BE APPLIED
 TOWARD GRADUATION BY MATH MAJORS
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

8125005 A MWF 9:30-10:50
 MEETS: JAN 13-MAY 9

8125010 B MWF 11:00-12:20
 MEETS: JAN 13-MAY 9

8125020 C MWF 2:10-3:30
 MEETS: JAN 13-MAY 9

8125015 D MWF 8:00-9:20
 MEETS: JAN 13-MAY 9

8125030 E MWF 12:40-2:00
 MEETS: JAN 13-MAY 9

INTRO TO PROOFS MATH 201 3 CREDITS
 Prereq: MATH 166 OR MATH 166H

6998005 A MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

6998010 B MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

6998015 C MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

MATRCES&LINEAR ALGB MATH 207 3 CREDITS
 Prereq: 2 SEMESTERS OF CALCULUS
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: MATH 207, MATH 307,
 MATH 317
 Available for nonmajor graduate credit

5161005 A MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

5161010 B MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

5161015 C TR 11:00-12:20
 MEETS: JAN 13-MAY 9

5161020 D TR 2:10-3:30
 MEETS: JAN 13-MAY 9

MATHEMATICS

(CONTINUED)

MATHEMATICS

(CONTINUED)

CALCULUS III MATH 265 4 CREDITS

Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H

- 5151005 A MTRF 9:00-9:50
MEETS: JAN 13-MAY 9
- 5151010 B MTRF 9:00-9:50
MEETS: JAN 13-MAY 9
- 5151015 C MWF 10:00-10:50
T 9:00-9:50
MEETS: JAN 13-MAY 9
- 5151025 D MWF 10:00-10:50
T 10:00-10:50
MEETS: JAN 13-MAY 9
- 5151030 E MTRF 11:00-11:50
MEETS: JAN 13-MAY 9
- 5151040 F MTRF 2:10-3:00
MEETS: JAN 13-MAY 9
- 5151050 G MTRF 8:00-8:50
MEETS: JAN 13-MAY 9
- 5151055 J MWF 10:00-10:50
T 9:00-9:50
MEETS: JAN 13-MAY 9
- 5151060 K MWF 10:00-10:50
T 8:00-8:50
MEETS: JAN 13-MAY 9
- 5151065 L MWF 10:00-10:50
T 8:00-8:50
MEETS: JAN 13-MAY 9
- 5151070 M MWF 12:10-1:00
T 12:10-1:00
MEETS: JAN 13-MAY 9
- 5151075 N MWF 12:10-1:00
T 2:10-3:00
MEETS: JAN 13-MAY 9
- 5151080 P MWF 12:10-1:00
T 3:10-4:00
MEETS: JAN 13-MAY 9
- 5151085 Q MWF 12:10-1:00
T 12:10-1:00
MEETS: JAN 13-MAY 9
- 5151090 R MWF 12:10-1:00
T 2:10-3:00
MEETS: JAN 13-MAY 9
- 5151095 S MWF 10:00-10:50
T 9:00-9:50
MEETS: JAN 13-MAY 9
- 5151100 T MWF 12:10-1:00
T 3:10-4:00
MEETS: JAN 13-MAY 9
- 5151105 U MWF 10:00-10:50
T 10:00-10:50
MEETS: JAN 13-MAY 9
- 5151110 V MWF 8:00-8:50
R 8:00-8:50
MEETS: JAN 13-MAY 9
- 5151115 W MWF 8:00-8:50
R 9:00-9:50
MEETS: JAN 13-MAY 9
- 5151120 Y MWF 8:00-8:50
R 10:00-10:50
MEETS: JAN 13-MAY 9

ELEM DIFF EQUATNS MATH 266 3 CREDITS

Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H

Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X.

- 5152005 A MTRF 8:00-8:50
MEETS: JAN 13-APRIL 11
- 5152010 B MTRF 4:10-5:00
MEETS: JAN 13-APRIL 11
- 5152015 C MTRF 10:00-10:50
MEETS: JAN 13-APRIL 11
- 5152020 D MTWF 10:00-10:50
MEETS: JAN 13-APRIL 11
- 5152025 E MTRF 10:00-10:50
MEETS: JAN 13-APRIL 11

DIFF EQ & TRANSFMS MATH 267 4 CREDITS

Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H

Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X.

- 5153010 B MTRF 10:00-10:50
MEETS: JAN 13-MAY 9
- 5153015 C MTRF 12:10-1:00
MEETS: JAN 13-MAY 9
- 5153020 D MTRF 2:10-3:00
MEETS: JAN 13-MAY 9
- 5153025 E MTRF 8:00-8:50
MEETS: JAN 13-MAY 9
- 5153030 F MTRF 4:10-5:00
MEETS: JAN 13-MAY 9
- 5153035 G MTWF 12:10-1:00
MEETS: JAN 13-MAY 9
- 5153085 H MTWR 4:10-5:00
MEETS: JAN 13-MAY 9
- 5153040 J MTRF 10:00-10:50
MEETS: JAN 13-MAY 9

DIFF EQ & TRANSFMS MATH 267 4 CREDITS

Note: SEC J RESTRICTED TO MATH MAJORS ONLY

- 5153055 K MTWF 10:00-10:50
MEETS: JAN 13-MAY 9

LAPLACE TRANSFORMS MATH 268 1 CREDIT

Prereq: MATH 266

Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

- 5154005 ARRANGED
MEETS: JAN 13-MAY 9

SYSTEMS OF DIFF EQUA MATH 269X 1 CREDIT

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X

- 8799005 ARRANGED
MEETS: JAN 13-MAY 9

INDEPENDENT STUDY MATH 290 1- 3 CREDITS

Note: Department permission required.

- 5156005 A ARRANGED
MEETS: JAN 13-MAY 9
- 5156010 B ARRANGED
MEETS: APRIL 28-MAY 9

INDEP STUDY HONORS MATH 290H 1- 3 CREDITS

Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.

- 5157005 ARRANGED
MEETS: JAN 13-MAY 9

ABSTRACT ALGEBRA I MATH 301 3 CREDITS

Prereq: MATH 166 OR MATH 166H, MATH 317 OR MATH 407, GRADE OF C- OR BETTER IN MATH 201

Note: Available for nonmajor graduate credit

- 5158005 A MWF 10:00-10:50
MEETS: JAN 13-MAY 9
- 5158010 B MWF 12:10-1:00
MEETS: JAN 13-MAY 9

ABSTRCT ALGEBRA II MATH 302 3 CREDITS

Prereq: MATH 301

Note: Available for nonmajor graduate credit

- 5159005 A MWF 10:00-10:50
MEETS: JAN 13-MAY 9

GRAPHS AND NETWORKS MATH 314 3 CREDITS

Prereq: MATH 166 OR MATH 166H; MATH 201 OR EXPERIENCE WITH PROOFS

Note: Available for nonmajor graduate credit

- 5163005 TR 11:00-12:20
MEETS: JAN 13-MAY 9

THRY LINEAR ALGEBRA MATH 317 4 CREDITS

Prereq: MATH 166; CREDIT OR ENROLLMENT IN MATH 201

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 207, MATH 307, MATH 317

Note: Available for nonmajor graduate credit

- 7872005 A MTRF 9:00-9:50
MEETS: JAN 13-MAY 9

INTR THY PROBAB&S I MATH 341 3 CREDITS

Prereq: MATH 265 (OR MATH 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 13-MAY 9

INTR THY PR&STAT II MATH 342 3 CREDITS

Prereq: STAT 341; MATH 307 OR MATH 317

- 5167005 MWF 10:00-10:50
MEETS: JAN 13-MAY 9

NUMBER THEORY MATH 350 3 CREDITS

Prereq: MATH 166

Note: Available for nonmajor graduate credit

- 5177005 MWF 1:10-2:00
MEETS: JAN 13-MAY 9

COMPLEX VARIABLES MATH 365 3 CREDITS

Prereq: MATH 265

Note: Available for nonmajor graduate credit

- 5168005 TR 11:00-12:20
MEETS: JAN 13-MAY 9

INTR PART DIFF EQUA MATH 385 3 CREDITS

Prereq: MATH 265 AND ONE OF MATH 266, MATH 267

Note: Available for nonmajor graduate credit

- 5170005 TR 8:00-9:20
MEETS: JAN 13-MAY 9

MATHEMATICS (CONTINUED)

MATHEMATICS (CONTINUED)

TEACH SECUNDARY MATH MATH 397 3 CREDITS
 Prereq: MATH 201, MATH 301
 7521005 A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 7521010 B ARRANGED
 MEETS: JAN 13-MAY 9

ANALYSIS I MATH 414 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 201;
 MATH 265
 Note: Available for nonmajor graduate credit
 5171005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

ANALYSIS II MATH 415 3 CREDITS
 Prereq: MATH 414; MATH 317 OR MATH 407
 Note: Available for nonmajor graduate credit
 5172005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

GEOMETRY II MATH 436 3 CREDITS
 Prereq: MATH 435
 Note: Available for nonmajor graduate credit
 5176005 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

NUMRC MTHDS DIFF EQ MATH 481 3 CREDITS
 Prereq: MATH 265 AND EITHER MATH 266 OR MATH 267;
 KNOWLEDGE OF A PROGRAMMING LANGUAGE
 Note: Available for nonmajor graduate credit
 5180005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

UNDERGRAD THESIS MATH 491 2- 3 CREDITS
 Note: Department permission required.
 5184005 ARRANGED
 MEETS: JAN 13-MAY 9

UNDERGRAD SEMINAR MATH 492 2 CREDITS
 Prereq: CONSENT OF INSTRUCTOR
 6698005 M 3:10-5:00
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN MATH 498 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4552005 ARRANGED
 MEETS: JAN 13-MAY 9

ABSTRACT ALGEBRA II MATH 505 3 CREDITS
 Prereq: MATH 504
 5187005 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

FNCT SNGL CMLX VAR MATH 511 3 CREDITS
 Prereq: MATH 414 OR MATH 501
 5192005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

REAL ANALYSIS II MATH 516 3 CREDITS
 Prereq: MATH 515
 8868005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

FINITE DIFFRNC MTHD MATH 517 3 CREDITS
 Prereq: MATH 481 OR MATH 561
 6101005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

MTH APPLIED MATH II MATH 520 3 CREDITS
 Prereq: MATH 519
 2297005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 6191600 XE ARRANGED ALEXANDER R
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

STEGANOG&DGT FORNSC MATH 535 3 CREDITS
 Prereq: MATH 307 OR COM S 330 OR E E 524
 7681005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 7681600 XE ARRANGED DAVIDSON J
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

NUMERICAL ANALYS II MATH 562 3 CREDITS
 Prereq: MATH 317
 7503005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

CONTINUOUS OPTIMIZA MATH 565 3 CREDITS
 Prereq: MATH 265; MATH 317 OR MATH 507 OR
 MATH 510
 4388005 TR 2:10-3:25
 MEETS: JAN 13-MAY 9

OPTIMAL CONTROL MATH 574 3 CREDITS
 Prereq: E E 577
 8193005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

INTRO ROBUST CONTRL MATH 575 3 CREDITS
 Prereq: E E 577
 3009005 A TR 8:00-9:20
 MEETS: JAN 13-MAY 9

DIGIT FEEDBCK CNTRL MATH 576 3 CREDITS
 Prereq: E E 475 OR AER E 432 OR M E 411 OR
 MATH 414 OR MATH 415; AND MATH 267
 8194005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

NONLINEAR SYSTEMS MATH 578 3 CREDITS
 Prereq: E E 577
 8195005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY MATH 590 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATH GRAD ORIENT II MATH 592 .5 CREDIT
 Satisfactory-Fail Only.
 6389005 W 4:10-5:00
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS MATH 595 VAR. CREDITS
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2014
 3815005 MF 1:10-2:00
 MEETS: JAN 13-MAY 9

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

EXTREMAL GRAPH THRY MATH 608 3 CREDITS
 Prereq: MATH 607
 9095005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

SEMINAR MATH 610 VAR. CREDITS
 Note: OFFERED FOR 3 CREDITS SPRING 2014
 5231005 ARRANGED
 MEETS: JAN 13-MAY 9

REPRESENTATN THEORY MATH 618 3 CREDITS
 Prereq: MATH 504
 5220005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

ALGEBRAIC TOPOLOGY MATH 622 3 CREDITS
 Prereq: MATH 504
 5210005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

MANIFOLDS,DIFF GEOM MATH 624 3 CREDITS
 Prereq: MATH 501 OR MATH 515
 5218005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

FUNCTIONAL ANALYS I MATH 633 3 CREDITS
 Prereq: MATH 515
 5206005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

ADV PROBABILTY THRY MATH 642 3 CREDITS
 Prereq: STAT 542; MATH 641 OR MATH 515
 3530005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

ADV STOCHAST PROCES MATH 645 3 CREDITS
 5215005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

MATH MODEL PHYSC SY MATH 646 3 CREDITS
 1822005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

ADV TOPICS ALGEBRA MATH 680A 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 5232005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV TOPICS ANALYSIS MATH 680B 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 5233005 ARRANGED
 MEETS: JAN 13-MAY 9

MATHEMATICS

(CONTINUED)

ADV TOP APPLIED MTH MATH 680C 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
6706005 ARRANGED
MEETS: JAN 13-MAY 9

ADV TOP COMBINATORC MATH 680D 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
6699005 ARRANGED
MEETS: JAN 13-MAY 9
Note: Department permission required.

ADV TOPCS DIFF EQUA MATH 680E 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
5243005 WF 4:10-5:30
MEETS: JAN 13-MAY 9

ADV TOPC LINEAR ALG MATH 680F 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
5236005 ARRANGED
MEETS: JAN 13-MAY 9

ADV TOPIC LOGIC&FND MATH 680G 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
5239005 ARRANGED
MEETS: JAN 13-MAY 9

ADV TOP NUMBER THRY MATH 680H 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
3769005 MWF 2:10-3:00
MEETS: JAN 13-MAY 9

ADV TOPIC NUM ANALY MATH 680I 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5241005 TR 11:00-12:20
MEETS: JAN 13-MAY 9
Note: Department permission required.

ADV TOPCS PROBABLT MATH 680K 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
9603005 ARRANGED
MEETS: JAN 13-MAY 9
Note: Department permission required.

ADV TOPICS TOPOLOGY MATH 680L 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
5245005 ARRANGED
MEETS: JAN 13-MAY 9

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

MECHANICAL ENGINEERING

PROBLM SOLV WTH CPR M E 160 3 CREDITS
Prereq: MATH 142 OR SATISFACTORY SCORES ON
MATH PLACEMENT EXAMINATIONS; CREDIT OR ENROLLMENT
IN MATH 165
Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
MAY BE APPLIED TOWARD GRADUATION: M E 160, ENGR 160,
AER E 160, C E 160, CPR E 185, E E 185, S E 185,
I E 148

9082005 1 MW 8:00-9:50
MEETS: JAN 13-MAY 9

9082010 2 MW 10:00-11:50
MEETS: JAN 13-MAY 9

9082015 3 MW 2:10-4:00
MEETS: JAN 13-MAY 9

9082020 4 MW 12:10-2:00
MEETS: JAN 13-MAY 9

9082025 5 MW 4:10-6:00PM
MEETS: JAN 13-MAY 9

9082030 6 TR 8:00-9:50
MEETS: JAN 13-MAY 9

9082035 7 MW 8:00-9:50
MEETS: JAN 13-MAY 9

ENG GRPHC&INTR DSGN M E 170 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 142;
SATISFACTORY SCORES ON MATHEMATICS PLACEMENT
ASSESSMENTS
Note: EVENING GROUP/PROJECT PRESENTATION-
MEETING MARCH 3RD - 6-7 PM

8346005 1 MW 8:00-9:50, ARRANGED
MEETS: JAN 13-MAY 9

8346010 2 MW 10:00-11:50
ARRANGED
MEETS: JAN 13-MAY 9

8346015 3 MW 12:10-2:00
ARRANGED
MEETS: JAN 13-MAY 9

8346020 4 MW 2:10-4:00, ARRANGED
MEETS: JAN 13-MAY 9

8346025 5 TR 10:00-11:50
ARRANGED
MEETS: JAN 13-MAY 9

8346030 6 TR 12:10-2:00
ARRANGED
MEETS: JAN 13-MAY 9

MECHANICAL ENGINEERING

(CONTINUED)

ENG GRPHC&INTR DSGN M E 170 3 CREDITS
8346035 7 MW 4:10-6:00PM
ARRANGED
MEETS: JAN 13-MAY 9

8346040 8 TR 8:00-9:50, ARRANGED
MEETS: JAN 13-MAY 9

8346045 9 TR 2:10-4:00, ARRANGED
MEETS: JAN 13-MAY 9

LEARNING COMMUNITIE M E 190 1 CREDIT
7612005 1 TR 3:10-4:00
MEETS: JAN 13-MAY 9

7612010 2 TR 3:10-4:00
MEETS: JAN 13-MAY 9

7612015 3 TR 3:10-4:00
MEETS: JAN 13-MAY 9

7612020 4 TR 3:10-4:00
MEETS: JAN 13-MAY 9

7612025 5 TR 3:10-4:00
MEETS: JAN 13-MAY 9

7612030 6 TR 3:10-4:00
MEETS: JAN 13-MAY 9

7612035 7 TR 3:10-4:00
MEETS: JAN 13-MAY 9

7612040 8 TR 3:10-4:00
MEETS: JAN 13-MAY 9

7612045 9 TR 3:10-4:00
MEETS: JAN 13-MAY 9

7612050 10 TR 3:10-4:00
MEETS: JAN 13-MAY 9

7612055 11 MW 4:10-5:00
MEETS: JAN 13-MAY 9

7612060 12 MW 4:10-5:00
MEETS: JAN 13-MAY 9

MECH ENGR PRO PLAN M E 202 R CREDIT
Prereq: SOPHOMORE CLASSIFICATION
Satisfactory-Fail Only.
4870005 A R 1:10-2:00
MEETS: JAN 13-MAY 9

GLOBLIZTN &SUSTAINB M E 220 3 CREDITS
Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220
MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT
TOWARD ANY ENGINEERING COLLEGE DEGREE
Meets international perspectives reqmt

9058005 1 MWF 11:00-11:50
MEETS: JAN 13-MAY 9

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 13-MAY 9

4877010 B MWF 8:00-8:50
MEETS: JAN 13-MAY 9

4877015 C MWF 2:10-3:00
MEETS: JAN 13-MAY 9

4877020 D TR 9:30-10:50
MEETS: JAN 13-MAY 9

4877600 XE ARRANGED
MEETS: JAN 13-MAY 9
Note: Section XE is off campus
Course delivery is WWW

INTR MCH ENG DESIGN M E 270 3 CREDITS
Prereq: M E 170 OR EQUIVALENT, PHYS 221
Note: COURSE RESTRICTED TO M E MAJORS ONLY.

6270005 A T 2:10-3:00
MWF 8:00-9:50
MEETS: JAN 13-MAY 9

6270010 B T 2:10-3:00
MWF 10:00-11:50
MEETS: JAN 13-MAY 9

6270015 C T 2:10-3:00
MWF 12:10-2:00
MEETS: JAN 13-MAY 9

6270020 D T 2:10-3:00
MWF 2:10-4:00
MEETS: JAN 13-MAY 9

6270025 E T 2:10-3:00
MWF 4:10-6:00PM
MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN M E 298 R CREDIT
Prereq: PERMISSION OF DEPT CHAIR
***** SEE DEPT FOR REFERENCE NUMBERS

MANUFACTURING ENGR M E 324 3 CREDITS
Prereq: M E 270, E M 324, MAT E 273
Note: Available for nonmajor graduate credit

6277005 A MWF 3:10-4:00
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO M E AND A E MAJORS ONLY.

6277600 XE ARRANGED
MEETS: JAN 13-MAY 9
Note: Section XE is off campus
Course delivery is WWW

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

MFG ENGINEERING LAB M E 324L 1 CREDIT
 Prereq: M E 270, MAT E 273
 4270005 1 T 10:00-11:50
 MEETS: JAN 13-MAY 9
 4270010 2 R 10:00-11:50
 MEETS: JAN 13-MAY 9
 4270015 3 T 1:10-3:00
 MEETS: JAN 13-MAY 9
 4270020 4 R 1:10-3:00
 MEETS: JAN 13-MAY 9
 4270025 5 T 3:10-5:00
 MEETS: JAN 13-MAY 9
 4270030 6 R 3:10-5:00
 MEETS: JAN 13-MAY 9
 4270035 7 T 8:00-9:50
 MEETS: JAN 13-MAY 9
 4270040 8 R 8:00-9:50
 MEETS: JAN 13-MAY 9
 4270045 9 W 1:10-3:00
 MEETS: JAN 13-MAY 9
 4270050 10 W 9:00-10:50
 MEETS: JAN 13-MAY 9
 4270055 11 W 11:00-12:50
 MEETS: JAN 13-MAY 9
 4270060 12 M 1:10-3:00
 MEETS: JAN 13-MAY 9
 4270065 13 M 3:10-5:00
 MEETS: JAN 13-MAY 9
 4270070 14 W 3:10-5:00
 MEETS: JAN 13-MAY 9
 4270075 15 F 8:00-9:50
 MEETS: JAN 13-MAY 9
 4270080 16 F 10:00-11:50
 MEETS: JAN 13-MAY 9

MACHINE DESIGN M E 325 3 CREDITS
 Prereq: M E 170, E M 324
 Note: COURSE RESTRICTED TO M E AND A E MAJORS ONLY
 Available for nonmajor graduate credit
 6287005 A MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 6287600 XE ARRANGED SCHWARTZ C
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

ENGR THERMODYNMS II M E 332 3 CREDITS
 Prereq: M E 231
 Note: COURSE RESTRICTED TO M E MAJORS ONLY
 Available for nonmajor graduate credit
 4878005 A MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 4878010 B MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 4878015 C MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 4878600 XE ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

FLUID FLOW M E 335 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN M E 332, E M 345,
 MATH 266 OR MATH 267
 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 13-MAY 9
 5703020 1 T 8:00-9:50
 MEETS: JAN 13-MAY 9
 5703025 2 T 10:00-11:50
 MEETS: JAN 13-MAY 9
 5703030 3 T 2:10-4:00
 MEETS: JAN 13-MAY 9
 5703035 4 T 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 5703040 5 W 8:00-9:50
 MEETS: JAN 13-MAY 9
 5703045 6 W 10:00-11:50
 MEETS: JAN 13-MAY 9
 5703050 7 W 12:10-2:00
 MEETS: JAN 13-MAY 9
 5703055 8 W 2:10-4:00
 MEETS: JAN 13-MAY 9
 5703060 9 W 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 5703065 10 R 8:00-9:50
 MEETS: JAN 13-MAY 9
 5703070 11 R 10:00-11:50
 MEETS: JAN 13-MAY 9
 5703075 12 R 2:10-4:00
 MEETS: JAN 13-MAY 9
 5703080 13 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 5703085 14 F 8:00-9:50
 MEETS: JAN 13-MAY 9
 5703090 15 F 10:00-11:50
 MEETS: JAN 13-MAY 9

ENGINRNG MEASUREMNTS M E 370 3 CREDITS
 Prereq: E E 442, STAT 305
 Note: RESTRICTED TO M E MAJORS ONLY.
 Available for nonmajor graduate credit
 4881005 A MW 8:00-8:50
 MEETS: JAN 13-MAY 9
 4881010 1 R 9:00-11:50
 MEETS: JAN 13-MAY 9
 4881015 2 R 12:10-3:00
 MEETS: JAN 13-MAY 9
 4881020 3 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 4881025 4 T 12:10-3:00
 MEETS: JAN 13-MAY 9
 4881030 5 T 9:00-11:50
 MEETS: JAN 13-MAY 9
 4881035 6 T 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 4881040 7 W 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 4881045 8 M 12:10-3:00
 MEETS: JAN 13-MAY 9
 4881050 9 W 9:00-11:50
 MEETS: JAN 13-MAY 9
 4881055 10 W 12:10-3:00
 MEETS: JAN 13-MAY 9
 4881060 11 M 3:10-6:00PM
 MEETS: JAN 13-MAY 9

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: M E 298, PERMISSN OF DEPRMTNT AND
 ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL SYST DSN M E 415 3 CREDITS
 Prereq: M E 324, M E 325
 Note: Available for nonmajor graduate credit
 4888005 A TR 8:00-10:50
 MEETS: JAN 13-MAY 9
 4888010 B TR 11:00-1:50
 MEETS: JAN 13-MAY 9
 4888015 C TR 2:10-5:00
 MEETS: JAN 13-MAY 9
 4888020 D TR 5:10-8:00PM
 MEETS: JAN 13-MAY 9

ADV MACHINE DESIGN M E 417 3 CREDITS
 Prereq: M E 325, MAT E 273
 Note: Available for nonmajor graduate credit
 7636005 A MW 2:10-3:25
 MEETS: JAN 13-MAY 9
 7636600 XE ARRANGED SHROTRIYA P
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

MECH CONSID ROBOTCS M E 418 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN M E 421
 Available for nonmajor graduate credit
 8109005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 8109600 XE ARRANGED LUECKE G
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

SYST DYNAM & CONTROL M E 421 4 CREDITS
 Prereq: E M 345, MATH 267, E E 442, E E 448
 Note: COURSE RESTRICTED TO M E MAJORS ONLY
 Available for nonmajor graduate credit
 6310005 A TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 6310010 1 R 10:00-11:50
 MEETS: JAN 13-MAY 9
 6310015 2 W 1:10-3:00
 MEETS: JAN 13-MAY 9
 6310020 3 T 2:10-4:00
 MEETS: JAN 13-MAY 9
 6310025 4 R 2:10-4:00
 MEETS: JAN 13-MAY 9
 6310030 5 W 11:00-12:50
 MEETS: JAN 13-MAY 9
 6310035 6 R 12:10-2:00
 MEETS: JAN 13-MAY 9
 6310040 7 T 10:00-11:50
 MEETS: JAN 13-MAY 9
 6310045 8 W 9:00-10:50
 MEETS: JAN 13-MAY 9
 6310050 9 F 11:00-12:50
 MEETS: JAN 13-MAY 9
 6310055 10 W 3:10-5:00
 MEETS: JAN 13-MAY 9
 6310060 11 T 12:10-2:00
 MEETS: JAN 13-MAY 9
 6310065 12 F 9:00-10:50
 MEETS: JAN 13-MAY 9

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

HEAT TRANSFER M E 436 4 CREDITS
 Prereq: M E 335
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. RESTRICTED TO M E, CON E, A E MAJORS.
 Available for nonmajor graduate credit
 5711005 A MWF 8:00-8:50
 MEETS: JAN 13-MAY 9
 5711015 1 T 1:10-3:00
 MEETS: JAN 13-MAY 9
 5711020 2 T 3:10-5:00
 MEETS: JAN 13-MAY 9
 5711025 3 W 9:00-10:50
 MEETS: JAN 13-MAY 9
 5711030 4 R 1:10-3:00
 MEETS: JAN 13-MAY 9
 5711035 5 R 3:10-5:00
 MEETS: JAN 13-MAY 9
 5711040 6 W 1:10-3:00
 MEETS: JAN 13-MAY 9
 5711045 7 W 3:10-5:00
 MEETS: JAN 13-MAY 9
 5711050 8 T 10:00-11:50
 MEETS: JAN 13-MAY 9
 5711055 9 R 10:00-11:50
 MEETS: JAN 13-MAY 9
 5711060 10 F 9:00-10:50
 MEETS: JAN 13-MAY 9
 5711065 11 F 11:00-12:50
 MEETS: JAN 13-MAY 9
 5711070 12 W 11:00-12:50
 MEETS: JAN 13-MAY 9
 5711075 13 F 1:10-3:00
 MEETS: JAN 13-MAY 9

INTRO COMBUSTN ENGR M E 437 3 CREDITS
 Prereq: M E 332 OR EQUIVALENT; CREDIT OR ENROLLMENT IN M E 335 OR EQUIVALENT
 8664005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 8664600 XE ARRANGED BRYDEN K
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

INTR NANOSC HEAT TR M E 439X 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN M E 436 AND CH E 357
 9686005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

HEAT&AIR COND DSGN M E 442 3 CREDITS
 Prereq: M E 441
 Note: Available for nonmajor graduate credit
 4893005 1 MWF 2:10-4:00
 MEETS: JAN 13-MAY 9

ELEMS&PRFRM PWR PLT M E 444 3 CREDITS
 Prereq: M E 332, CREDIT OR ENROLLMENT IN M E 335
 Note: Available for nonmajor graduate credit
 4894005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

FLUID DYN TURBOMACH M E 448 3 CREDITS
 Prereq: M E 335 OR EQUIVALENT
 Note: COURSE RESTRICTED TO M E MAJORS ONLY.
 Available for nonmajor graduate credit
 4898005 TR 12:40-1:55
 MEETS: JAN 13-MAY 9

ENGINEERG ACOUSTICS M E 451 3 CREDITS
 Prereq: PHYS 221 AND MATH 266 OR MATH 267
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE. LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB IS HELD.
 Available for nonmajor graduate credit
 4901005 1 TR 4:10-5:30
 MEETS: JAN 13-MAY 9

MULTIDISC ENGR DSGN M E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 1903005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 9

MODELING & SIMULATN M E 475 3 CREDITS
 Prereq: M E 421, CREDIT OR ENROLLMENT IN M E 436
 Note: Available for nonmajor graduate credit
 4903005 A MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

SUSTNBT SCI ENG DSN M E 479 3 CREDITS
 Prereq: ANY ENGINEERING DESIGN COURSE
 Note: Available for nonmajor graduate credit
 4282005 A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

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

INDEP STU NUCL ENGR M E 490M 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU DSGN&OPTMIZ M E 4900 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU MATRLS PROC M E 490Q 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU THERMO-FLUI M E 490R 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU EMERGI AREA M E 490S 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E 498 R CREDIT
 Prereq: M E 298, PERMISSN OF DEPRMTNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

EC&POLCY ENERGY SYS M E 510X 3 CREDITS
 Prereq: GRADUATE STANDING
 Note: ECONOMICS MAJORS MAY NOT APPLY CREDIT IN M E 510X TOWARD GRADUATION
 9706005 A TR 3:40-4:55
 MEETS: JAN 13-MAY 9
 9706600 XE ARRANGED MORROW W
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

ADV CONTROL DESIGN M E 511 3 CREDITS
 Prereq: M E 411
 8144005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 8144600 XE ARRANGED KELKAR A
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

ADV MACHINE DESIGN M E 517 3 CREDITS
 Prereq: M E 325, MAT E 273
 8809005 A MW 2:10-3:25
 MEETS: JAN 13-MAY 9
 8809600 XE ARRANGED SHROTRIYA P
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

MECH CONSID ROBOTCS M E 518 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN M E 421
 7960005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 7960600 XE ARRANGED LUECKE G
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

BHV&MFG POLYM&CMPOS M E 521 3 CREDITS
 Prereq: M E 324 OR MAT E 272 AND E M 324
 4926005 TR 12:30-2:00
 MEETS: JAN 13-MAY 9
 4926600 XE ARRANGED SHROTRIYA P
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

MICRO/NANOMANUFCTRG M E 528 3 CREDITS
 Prereq: M E 324
 1068005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 1068600 XE ARRANGED CHANDRA A
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

COMPRESBL FLUID FLO M E 532 3 CREDITS
 Prereq: AER E 311 OR M E 335
 6272005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

THRMCHM PROC BIOMS M E 535 3 CREDITS
 Prereq: UNDERGRAD COURSEWORK IN THERMODYNAMICS
 AND TRANSPORT PHENOMENA
 4863005 TR 11:00-12:15
 MEETS: JAN 13-MAY 9

ADV HEAT TRANSFER M E 536 3 CREDITS
 Prereq: M E 436
 4933005 A MW 3:10-4:30
 MEETS: JAN 13-MAY 9
 4933600 XE ARRANGED OLSEN M
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

ADVANCED COMBUSTION M E 542 3 CREDITS
 Prereq: M E 332 OR CH E 381
 4937005 A TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 4937600 XE ARRANGED KONG S
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

MACHINE VISION M E 556X 3 CREDITS
 Prereq: MATH 317, M E 421 OR APPROVED BY
 INSTRUCTOR
 9587005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 9587600 XE ARRANGED ZHANG S
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

PRIN SURFC ENG&TRIB M E 560X 3 CREDITS
 Prereq: GRADUATE STANDING OR M E 325 (OR EQUIV)
 9407005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 9407600 XE ARRANGED SUNDARARAJAN S
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

OPTIMAL CONTROL M E 574 3 CREDITS
 Prereq: E E 577
 8197005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

INTRO ROBUST CONTRL M E 575 3 CREDITS
 Prereq: E E 577
 3080005 A TR 8:00-9:20
 MEETS: JAN 13-MAY 9

DIGIT FEEDBCK CNTRL M E 576 3 CREDITS
 Prereq: E E 475 OR AER E 432 OR M E 411 OR M E
 414 OR MATH 415; AND MATH 267
 8198005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

NONLINEAR SYSTEMS M E 578 3 CREDITS
 Prereq: E E 577
 8200005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

SP TOP LIT INVESTIG M E 590Q 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP BIO&NANO SCI M E 590T 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP CMLPX FLU SY M E 590U 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CLEAN ENRGY M E 590V 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SIMUL&VISULZ M E 590Z 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 ARRANGED
 MEETS: JAN 13-MAY 9

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 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

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 13-MAY 9

RESEARCH M E 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY

WORLD WATER RESOURC MTEOR 160 3 CREDITS
 3242005 MWF 9:00-9:50 FRANZ K
 MEETS: JAN 13-MAY 9

INTRO WEATHER&CLIMT MTEOR 206 3 CREDITS
 5375005 MWF 2:10-3:00 FLORY D
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN MTEOR 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4813005 ARRANGED WU X
 MEETS: JAN 13-MAY 9

GEN METEOROLOGY I MTEOR 301 4 CREDITS
 Prereq: MATH 166, CREDIT OR ENROLLMT IN PHYS 222
 Note: Available for nonmajor graduate credit
 5376005 1 MTWF 9:00-9:50 FLORY D
 MEETS: JAN 13-MAY 9

METEOROL INTERNSHIP MTEOR 321 1- 2 CREDITS
 Prereq: MTEOR 311; JR OR SR STANDING; PERMISSION
 OF COOP PROGRM COORD; ACCEPTANCE BY SPONSORING AGENCY
 Satisfactory-Fail Only.
 5381005 ARRANGED WU X
 MEETS: JAN 13-MAY 9

ENERGY &THE ENVIRON MTEOR 324 3 CREDITS
 Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD
 CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
 5614005 1 MWF 11:00-11:50 SIMPKINS W
 MEETS: JAN 13-MAY 9

ATMOSPH PHYSICS II MTEOR 342 3 CREDITS
 Prereq: MTEOR 341
 Note: Available for nonmajor graduate credit
 5383005 MWF 10:00-10:50 WU X
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN MTEOR 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4823005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Department permission required.

GLOBAL CHANGE MTEOR 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 Note: Available for nonmajor graduate credit
 8141005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 13-MAY 9
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR MAJOR
 ONLY
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

MESOSCALE METEORLGY MTEOR 407 3 CREDITS
 Prereq: MATH 166, MTEOR 443
 1066005 TR 9:30-10:50 GALLUS W
 MEETS: JAN 13-MAY 9

METEOROLOGY (CONTINUED)

METEOROLOGY (CONTINUED)

MESOSCA FORECAS LAB MTEOR 417 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 411
 Note: Available for nonmajor graduate credit
 5389005 TR 2:10-4:30 GALLUS W
 MW 2:30-3:00 GALLUS W
 MEETS: JAN 13-MAY 9

INSTRUMENT&MEASURMNT MTEOR 432 3 CREDITS
 Prereq: CR OR ENR IN STAT 105, MATH 266, PHYS 222
 Note: Available for nonmajor graduate credit
 5377005 MW 3:10-4:00 BERESNEV I
 F 2:10-5:00 FLORY D
 MEETS: JAN 13-MAY 9

DYNAMIC METEOROLG I MTEOR 443 3 CREDITS
 Prereq: MTEOR 341
 Note: Available for nonmajor graduate credit
 5385005 MWF 1:10-2:00 CHEN T
 MEETS: JAN 13-MAY 9

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 GALLUS W
 MEETS: JAN 13-MAY 9

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 GUTOWSKI W
 MEETS: JAN 13-MAY 9

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 WU X
 MEETS: JAN 13-MAY 9

IND STU INSTRUMENTN MTEOR 490D 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 1010005 ARRANGED TAKLE G
 MEETS: JAN 13-MAY 9

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 FRANZ K
 MEETS: JAN 13-MAY 9

IND STU CLIMATE/WTR MTEOR 490F 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 3583005 ARRANGED
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN MTEOR 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4824005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Department permission required.

GLOBAL CHANGE MTEOR 504 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES
 OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING
 Note: RESTRICTED TO GE AT, EEOB MAJORS ONLY
 8142005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 13-MAY 9

MESOSCALE METEOROLGY MTEOR 507 3 CREDITS
 Prereq: MATH 166 AND MTEOR 443
 2521005 TR 9:30-10:50 GALLUS W
 MEETS: JAN 13-MAY 9

MICROWV REMOTE SENS MTEOR 518 3 CREDITS
 Prereq: MATH 265 OR EQUIVALENT
 5860005 TR 11:00-12:30
 MEETS: JAN 13-MAY 9

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8427005 ARRANGED TAKLE G
 MEETS: JAN 13-MAY 9

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8429005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8430005 ARRANGED GALLUS W
 MEETS: JAN 13-MAY 9

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8431005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 8432005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8433005 ARRANGED CHEN T
 MEETS: JAN 13-MAY 9

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8434005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOP STAT METHDS MTEOR 590H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8435005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8437005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1230005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3901005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3904005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8669005 ARRANGED FRANZ K
 MEETS: JAN 13-MAY 9

SP TOP GEOPH FLU DY MTEOR 590N 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9186120 TC ARRANGED CHEN T
 MEETS: JAN 13-MAY 9

GRADUATE SEMINAR MTEOR 595A 1 CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3596005 F 4:10-6:00PM HASIUK F
 MEETS: JAN 13-MAY 9

GRADUATE SEMINAR MTEOR 595B R CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3599005 F 4:10-6:00PM HASIUK F
 MEETS: JAN 13-MAY 9

BOUNDRY LAYER MTEOR MTEOR 605 3 CREDITS
 Prereq: MTEOR 443 OR EQUIVALENT-LEVEL COURSE IN
 ENGINEERING FLUIDS
 5402005 TR 2:10-3:30 ARRIIT R
 MEETS: JAN 13-MAY 9

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 13-MAY 9

INTRO MICROBIOL LAB MICRO 201L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MICRO 201 OR
 MICRO 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 13-MAY 9
 1433010 2 MW 9:30-10:50
 MEETS: JAN 13-MAY 9
 1433015 3 MW 11:00-12:20
 MEETS: JAN 13-MAY 9
 1433020 4 TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 1433025 5 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

MICROBIOLOGY (CONTINUED)

MICROBIOLOGY (CONTINUED)

INTRO MICROBIOL LAB MICRO 201L 1 CREDIT
 1433030 6 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 1433035 7 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 1433040 8 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 1433045 9 TR 8:00-9:20
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 1426600 XW ARRANGED BOURY N
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

MICROBIOLOGY LAB MICRO 302L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MICRO 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 13-MAY 9
 3024010 2 MW 2:40-4:00
 MEETS: JAN 13-MAY 9
 3024015 3 MW 1:10-2:30
 MEETS: JAN 13-MAY 9
 Note: SEC 3 RESTRICTED TO MICR, MICRO MAJORS ONLY
 3024020 4 TR 1:10-2:30
 MEETS: JAN 13-MAY 9

MOLEC&CELL BACTERIO MICRO 320 4 CREDITS
 Prereq: MICRO 302, BIOL 313, CREDIT OR ENROLLMT
 IN CHEM 332
 3781005 1 MWRF 10:00-10:50
 MEETS: JAN 13-MAY 9

GENOME PRSPCTV BIOL MICRO 349X 2 CREDITS
 Prereq: GEN 313 OR GEN 320
 9691005 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

INTRO PARASITOLOGY MICRO 353 3 CREDITS
 Prereq: BIOL 212
 7682005 TR 9:30-10:50 JONES D
 MEETS: JAN 13-MAY 9

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 13-MAY 9

INSCTS&OUR HLTH LAB MICRO 374L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN ENT 374
 6329005 W 9:00-11:50 BARTHOLOMAY L
 MEETS: JAN 13-MAY 9

SAFTY FOOD FROM ANI MICRO 407 3 CREDITS
 Prereq: MICRO 420
 1881005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

FOODBORNE HAZARDS MICRO 419 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302, A COURSE IN
 BIOCHEMISTRY
 Note: CREDIT FOR EITHER FS HN\TOX\MICRO 419 OR
 FS HN\TOX\NUTRS 519, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 Available for nonmajor graduate credit
 1462005 MWF 11:00-11:50 HENDRICH S
 MEETS: JAN 13-MAY 9

LAB MICR PHYSL,DVRS MICRO 440 4 CREDITS
 Prereq: MICRO 302, MICRO 302L, CHEM 332, BIOL
 313L
 6135005 1 MW 1:10-5:00
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$225.00

UNDERGRAD SEMINAR MICRO 450 2 CREDITS
 Prereq: SP CM 212 AND SR STANDING IN MICROBIOLOGY
 5319005 1 T 10:00-11:50
 MEETS: JAN 13-MAY 9
 5319010 2 W 3:10-5:00
 MEETS: JAN 13-MAY 9

IMMUNOLOGY MICRO 475 3 CREDITS
 Prereq: MICRO 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 13-MAY 9

IMMUNOLOGY LAB MICRO 475L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MICRO 475 OR
 MICRO 575
 6720005 1 TR 1:10-4:00
 MEETS: JAN 13-MARCH 7

BACT-PLANT INTERACT MICRO 477 3 CREDITS
 Prereq: 3 CREDITS IN MICROBIOL OR PLANT PATHOLOGY
 5646005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

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

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 13-MAY 9

SAFTY FOOD FROM ANI MICRO 507 3 CREDITS
 Prereq: MICRO 420
 2129005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9

LIVESTK IMMUNOGENET MICRO 540 2 CREDITS
 Prereq: AN S 561 OR MICRO 575 OR V MPM 520
 7622005 1 ARRANGED
 MEETS: JAN 13-MAY 9

VIROLOGY MICRO 554 1 CREDIT
 Prereq: UNDERGRADUATE COURSES IN GENERAL MICRO
 AND GENETICS
 7118005 MWF 10:00-10:50
 MEETS: JAN 14-FEB 13

FUNGAL BIOLOGY MICRO 555 1 CREDIT
 Prereq: MICRO 302, BIOL 313
 7138005 MWF 10:00-10:50
 MEETS: FEB 10-MARCH 28

MICRB ECO&ENV MONIT MICRO 556 1 CREDIT
 Prereq: MICRO 302, BIOL 313
 7159005 MWF 10:00-10:50
 MEETS: MARCH 31-MAY 1

IMMUNOLOGY MICRO 575 3 CREDITS
 Prereq: MICRO 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 13-MAY 9

BACT-PLANT INTERACT MICRO 577 3 CREDITS
 Prereq: 3 CR IN MICROBIOLOGY OR PLANT PATHOLOGY
 5647005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

SEMINAR MICRO 604 1 CREDIT
 Satisfactory-Fail Only.
 6962005 A R 4:10-5:00
 MEETS: JAN 13-MAY 9

RAPID MTH FD MICROB MICRO 627 2 CREDITS
 Prereq: FS HN 420 OR FS HN 421 OR FS HN 504
 8835005 MW 1:10-2:00 BREHM-STECHER B
 MEETS: JAN 13-MAY 9

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 13-MAY 9

MICROBIOLOGY

(CONTINUED)

SEM N MOLEC,C,DV BIO MICRO 698 1- 2 CREDITS
5350005 M 3:10-5:00
MEETS: JAN 13-MAY 9

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: CONCURRENT ENROLLMENT IN M S 102L REQUIRED

4995005 1 T 12:40-1:30 SOENKSEN J
MEETS: JAN 13-MAY 9
4995010 2 W 10:00-10:50 SOENKSEN J
MEETS: JAN 13-MAY 9
4995015 3 W 8:00-8:50 SOENKSEN J
MEETS: JAN 13-MAY 9

BASIC LDRSHP LAB II M S 102L 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN M S 102 REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 102 REQUIRED

2983005 1 W 4:10-5:30 ARRANGED SOENKSEN J
MEETS: JAN 13-MAY 9
ARMY PHY READINESS M S 150 1 CREDIT
8414005 1 MTF 6:00-7:15 PINGEL B
MEETS: JAN 13-MAY 9

MAP READ&LAND NAVIG M S 202 2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN M S 202L REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 202L REQUIRED

4999005 1 MW 9:00-9:50 GROVES N
MEETS: JAN 13-MAY 9
4999010 2 MW 11:00-11:50 GROVES N
MEETS: JAN 13-MAY 9
BAS LEADRSHP LAB IV M S 202L 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN M S 202 REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 202 REQUIRED

3198005 1 W 4:10-5:30 ARRANGED GROVES N
MEETS: JAN 13-MAY 9
ADV PHY READINSS II M S 251 2 CREDITS
Prereq: SUCCESSFUL COMPLETION OF M S 150 AND
M S 250

9029005 1 MTRF 6:00-7:15 PINGEL B
MEETS: JAN 13-MAY 9
Note: Department permission required.
IND STDY:BASIC MILI M S 290 1- 3 CREDITS
Prereq: PERMISSION OF THE M S DEPT CHAIR

8153005 1 ARRANGED COMMINA A
MEETS: JAN 13-MAY 9
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 DABEL R
MEETS: JAN 13-MAY 9
Note: Department permission required.
5002010 2 TR 11:00-12:20 DABEL R
MEETS: JAN 13-MAY 9
Note: Department permission required.
ADV LEADRSHP 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
MEETS: JAN 13-MAY 9
Note: Department permission required.
SEMINR: PRO OFFICER M S 402 3 CREDITS
Prereq: COMPLETION OF THE BASIC PROGRAM,
CONCURRENT ENROLLMENT IN M S 402L AND PERMISSION OF
THE MILITARY SCIENCE DEPARTMENT CHAIR

5009005 1 MW 12:10-1:30 SMITH R
MEETS: JAN 13-MAY 9
Note: Department permission required.
5009010 2 MW 1:40-3:00 SMITH R
MEETS: JAN 13-MAY 9
Note: Department permission required.
5009015 3 ARRANGED
MEETS: JAN 13-MAY 9
Note: Department permission required.
ADV LEADRSHP 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

MILITARY SCIENCE

(CONTINUED)

IND STDY:ADV MIL ST M S 490 1 CREDIT
Prereq: M S 301, M S 302, M S 401, M S 402,
PERMISSION OF THE MILITARY SCIENCE DEPARTMENT CHAIR
5958005 1 ARRANGED SMITH R
MEETS: JAN 13-MAY 9
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 13-MAY 9

SPECIAL TOPICS MCDB 590 VAR. CREDITS
5260005 ARRANGED
MEETS: JAN 13-MAY 9

BIOCH EUARYOT GENE MCDB 676 2 CREDITS
Prereq: BBMB 404 OR BBMB 501, BBMB 405 OR BBMB
502 OR GDCB 511
1849005 TR 11:00-12:20
MEETS: JAN 13-MAY 9

GRAD RESRCH ROTATN MCDB 697 1- 6 CREDITS
Satisfactory-Fail Only.
7278005 ARRANGED
MEETS: JAN 13-MAY 9

SEM N MOLEC,C,DV BIO MCDB 698 1- 2 CREDITS
Note: COURSE OFFERED FOR 1 CREDIT SPRING 2014
5275005 M 3:10-5:00
MEETS: JAN 13-MAY 9

RESEARCH MCDB 699 VAR. CREDITS
***** 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 13-MAY 9
7180010 B MWF 3:10-4:00
MEETS: JAN 13-MAY 9

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS
Note: Meets international perspectives reqmt
5406005 A MWF 9:00-9:50
MEETS: JAN 13-MAY 9
5406010 B MWF 10:00-10:50
MEETS: JAN 13-MAY 9
5406015 C ARRANGED
MEETS: JAN 13-MAY 9
Note: Course delivery is WWW

BASIC MUSICIANSHIP MUSIC 105 3 CREDITS
Prereq: PERFORMING ARTS MAJOR STATUS OR
PERMISSION OF INSTRUCTOR.
2975005 TR 2:10-3:00
W 3:10-4:00
MEETS: JAN 13-MAY 9

WIND ENSEMBLE MUSIC 111 1 CREDIT
Prereq: OPEN TO ALL STUDENTS BY AUDITION
5408005 MWRF 12:10-1:00
MEETS: JAN 13-MAY 9

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 A TR 4:10-5:30
MEETS: JAN 13-MAY 9
5409010 B R 7:10-9:00PM
MEETS: JAN 13-MAY 9

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 13-MAY 9
5410010 B MW 4:10-5:30
MEETS: JAN 13-MAY 9

PEP BAND MUSIC 114B 1 CREDIT
Prereq: PREREQ: STUDENTS SELECTED BY AUDITION
FROM MEMBERS OF MUSIC 114A.
4603005 T 6:10-7:00PM
MEETS: JAN 13-MAY 9

SYMPHONIC BAND MUSIC 115 1 CREDIT
Prereq: OPEN TO ALL STUDENTS BY AUDITION
9610005 MWF 11:00-11:50
MEETS: JAN 13-MAY 9

MUSIC

(CONTINUED)

APPLIED MUSIC VOICE MUSIC 118A 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: CREDIT IN MUSIC 118A WILL NOT SATISFY APPLIED
 MUSIC REQUIREMENTS FOR MUSIC MAJORS
 Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: CREDIT IN MUSIC 118B WILL NOT SATISFY APPLIED
 MUSIC REQUIREMENTS FOR MUSIC MAJORS
 Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 118C 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 118D 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 118E 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 118F 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 118G 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: CREDIT IN MUSIC 118G WILL NOT SATISFY APPLIED
 MUSIC REQUIREMENTS FOR MUSIC MAJORS
 Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 118I 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: CREDIT IN MUSIC 118I WILL NOT SATISFY APPLIED
 MUSIC REQUIREMENTS FOR MUSIC MAJORS
 Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 119A 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 119D 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 119E 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 119F 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 119I 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

INTR MUSIC LIT&STYL MUSIC 120 3 CREDITS
 Prereq: MUSIC 221; MUSIC MAJOR STATUS OR
 PERMISSION OF INSTRUCTOR
 Note: CREDIT IN EITHER MUSIC 120 OR MUSIC 302, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 RESTRICTED TO MU BA & MU BM MAJORS ONLY
 5430005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

MUSIC

(CONTINUED)

CLASS STUDY PIANO I MUSIC 127 1 CREDIT
 Prereq: MUSIC MAJOR STATUS OR PERMISSION OF
 INSTRUCTOR
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
 THE INSTRUCTOR.
 5432005 A MW 12:10-1:00
 MEETS: JAN 13-MAY 9

CLASS STDY PIANO II MUSIC 128 1 CREDIT
 Prereq: MUSIC 127 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
 THE INSTRUCTOR.
 Instructor permission required 1st week.
 5433005 A MW 10:00-10:50
 MEETS: JAN 13-MAY 9
 5433010 B TR 11:00-11:50
 MEETS: JAN 13-MAY 9

LYRICA WOMENS CHOIR MUSIC 141 1 CREDIT
 Prereq: OPEN TO ALL FEMALE STUDENTS BY AUDITION
 5437005 MW 2:10-3:00
 MEETS: JAN 13-MAY 9

CANTAMUS WMNS CHOIR MUSIC 151A 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 4461005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

STATESMEN MNS CHOIR MUSIC 151B 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 4471005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

IOWA STATE SINGERS MUSIC 161 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5441005 MTWRF 12:10-1:00
 MEETS: JAN 13-MAY 9

SYMPHONY ORCHESTRA MUSIC 181 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5443005 TR 4:10-6:00PM
 MEETS: JAN 13-MAY 9

APPLIED MUSIC VOICE MUSIC 219A 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 219B 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 219C 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 219D 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 219E 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 219F 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 219I 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

CLASS STU PIANO III MUSIC 227 1 CREDIT
 Prereq: MUSIC 128 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
 THE INSTRUCTOR.
 Instructor permission required 1st week.
 5455005 A TR 9:00-9:50
 MEETS: JAN 13-MAY 9

CLASS STDY PIANO IV MUSIC 228 1 CREDIT
 Prereq: MUSIC 227 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
 THE INSTRUCTOR.
 Instructor permission required 1st week.
 5456005 A TR 10:00-10:50
 MEETS: JAN 13-MAY 9
 5456010 B MW 11:00-11:50
 MEETS: JAN 13-MAY 9

MUSIC (CONTINUED)

MUSIC (CONTINUED)

MATERLS OF MUSIC I MUSIC 231 3 CREDITS
 Prereq: MUSIC 221. CONCURRENT ENROLLMENT IN
 MUSIC 232 RECOMMENDED.
 4382005 A MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 4382010 B MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

AURAL THEORY I MUSIC 232 1 CREDIT
 Prereq: MUSIC 222; CREDIT OR ENROLLMENT
 MUSIC 231
 4395005 TR 10:00-10:50
 MEETS: JAN 13-MAY 9

INTRO MUSIC TECHNOL MUSIC 246 2 CREDITS
 Prereq: MUSIC 101, MUSIC 105, OR MUSIC 221,
 OR PERMISSION OF INSTRUCTOR
 5578005 MW 1:10-2:00
 MEETS: JAN 13-MAY 9

MU INSTRUCT TECHNOL MUSIC 248 2 CREDITS
 Prereq: MUSIC 221 AND MUSIC 222
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
 4158005 A TR 10:00-10:50
 MEETS: JAN 13-MAY 9

MUSIC IN ELEM EDUC MUSIC 265 2 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 7209005 A TR 3:10-4:00
 MEETS: JAN 13-MAY 9
 7209010 B TR 2:10-3:00
 MEETS: JAN 13-MAY 9

INTRO TO MUSIC EDUC MUSIC 266 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT (.5 CR) IN MUSIC
 480K
 5459005 MW 3:10-4:00
 MEETS: JAN 13-MAY 9

SPCL PROB EDUCATION MUSIC 290A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS MUSIC 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 13-MAY 9

OPERA STDO MU THTRE MUSIC 301B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8670005 ARRANGED
 MEETS: MARCH 10-MAY 9

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 13-MAY 9

APPLIED MUSIC VOICE MUSIC 318A 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 318B 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 318C 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 318D 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 318E 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 318F 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 318G 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 318I 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 319A 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 319C 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 319D 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 319E 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE MUSIC 321A 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO MUSIC 321B 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE ORGAN MUSIC 321C 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBL STRINGS MUSIC 321D 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

ADV ENSEMB WOODWINDS MUSIC 321F 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS MUSIC 321G 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSM PERCUSSION MUSIC 321I 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE MIXED MUSIC 321J 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FUNC PIANO FOR KEYB MUSIC 327A 2 CREDITS
 Prereq: MUSIC 228 OR PERMISSION OF INSTRUCTOR
 2633005 ARRANGED
 MEETS: JAN 13-MAY 9

FUNC PIANO FOR VOIC MUSIC 327B 2 CREDITS
 Prereq: MUSIC 228 OR PERMISSION OF INSTRUCTOR
 2636005 TR 3:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 9

MUSIC MATERIALS III MUSIC 337 3 CREDITS
 Prereq: MUSIC 331. CONCURRENT ENROLLMENT IN MUSIC 338 RECOMMENDED.
 4414005 A MWF 8:00-8:50
 MEETS: JAN 13-MAY 9
 4414010 B MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

AURAL THEORY III MUSIC 338 1 CREDIT
 Prereq: MUSIC 332, CREDIT OR ENROLLMENT IN MUSIC 337
 4415005 TR 8:00-8:50
 MEETS: JAN 13-MAY 9

MIDI&DIG AUDIO TCNQ MUSIC 346 3 CREDITS
 Prereq: MUSIC 246 OR PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 8436005 M 3:10-4:00
 W 3:10-5:00
 MEETS: JAN 13-MAY 9

WDWIND:FLT,SAX,CLAR MUSIC 351 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN MUSIC 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS
 5500005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

BRSS:TROM,BARI,TUBA MUSIC 354 1 CREDIT
 Prereq: MUSIC 353 OR PERMISSION OF INSTRUCTOR.
 CONCURRENT ENROLLMENT IN MUSIC 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS
 5503005 TR 11:00-11:50
 MEETS: JAN 13-MAY 9

PERCUSSION TECH MUSIC 355 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN MUSIC 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS
 5504005 TR 11:00-11:50
 MEETS: JAN 13-MAY 9

LAB ENSEMBLE INSTRUM MUSIC 358B R CREDIT
 Satisfactory-Fail Only.
 7330005 T 12:10-1:00
 MEETS: JAN 13-MAY 9

VOCAL PEDAGOGY MUSIC 360 2 CREDITS
 Prereq: MUSIC 319A OR VOCAL PROFICIENCY EXAM
 5506005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

CONDUCTG II:INSTRUM MUSIC 362B 2 CREDITS
 Prereq: MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR; MUSIC 361; CONCURRENT ENROLLMENT IN MUSIC 358B
 1240005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

CHORAL LITERATURE MUSIC 367 2 CREDITS
 Prereq: MUSIC 361 RECOMMENDED
 4597005 TR 4:10-5:00
 MEETS: JAN 13-MAY 9

HISTORY OF MUSIC II MUSIC 384 3 CREDITS
 Prereq: MUSIC 383; MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 5512005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

MUSIC

(CONTINUED)

LIT & PEDAGOGY VOICE MUSIC 415A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY PIANO MUSIC 415B 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY ORGAN MUSIC 415C 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & 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

STUDNT TCH ELEM MUS MUSIC 417R VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2014
 6741005 1 ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 1 OFFERED FOR 8 CREDITS
 6741010 2 ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 2 OFFERED FOR 8 CREDITS

STUDNT TCHG SEC MUS MUSIC 417S VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2014
 6690005 1 ARRANGED
 MEETS: JAN 13-MARCH 7
 6690010 2 ARRANGED
 MEETS: MARCH 10-MAY 9

APPLIED MUSIC VOICE MUSIC 419A 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 419B 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 419C 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 419D 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 419E 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 419F 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 419G 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 419I 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

JR/SENIOR RECITAL MUSIC 420 R CREDIT
 Prereq: ADVANCED PERFORMING ABILITY, PERMISSION OF INSTRUCTOR, CONCURRENT REGISTRATION IN MUSIC 319 OR MUSIC 419
 Satisfactory-Fail Only.
 5584005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: COURSES FOR JUNIOR OR SENIOR RECITALS ONLY

MUSIC (CONTINUED)

SEMINR MUSIC THEORY MUSIC 440 3 CREDITS
 Prereq: MUSIC 337, MUSIC 338
 Note: Available for nonmajor graduate credit
 5523005 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9

INSTM ADM,MTLS,MTHD MUSIC 464 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MUSIC 362B
 RECOMMENDED
 5525005 TR 9:00-9:50
 MEETS: JAN 13-MAY 9

FLD EXP TEACH MUSIC MUSIC 480K .5- 2 CREDITS
 Note: COURSE OFFERED FOR 1-2 CREDITS SPRING 2013
 7691005 ARRANGED
 MEETS: JAN 13-MAY 9
 7691010 2 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 2 OFFERED FOR .5 CREDIT

INDEP STDY MUSIC ED MUSIC 490A VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

MUSIC (CONTINUED)

SPL TOPC APPL MUSIC MUSIC 590F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRNC MU MUSIC 590I VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

NREM LRN CMM SEMINR NREM 111 1 CREDIT
 Prereq: MEMBER OF THE NREM TRANSITIONS LEARNING
 COMMUNITY
 Satisfactory-Fail Only.
 8032005 1 T 12:10-1:00 BURNETT J
 MEETS: JAN 13-MAY 9
 8032010 2 F 12:10-1:00 BURNETT J
 MEETS: JAN 13-MAY 9

DEV LEARNRS&LEADERS NREM 114 2 CREDITS
 Prereq: HORT/NREM 112
 8116005 1 W 9:00-10:50 WIERSEMA J
 MEETS: JAN 13-MAY 9
 8116010 2 W 4:10-6:00PM WIERSEMA J
 MEETS: JAN 13-MAY 9

INTR RENEW RESOURCS NREM 120 3 CREDITS
 1297005 MWF 12:10-1:00 HALL R
 MEETS: JAN 13-MAY 9
 1297600 XW ARRANGED HALL R
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

NAT RESOURCES &AGRI NREM 130 3 CREDITS
 1055005 MWF 9:00-9:50 ISENHART T
 MEETS: JAN 13-MAY 9

NAT RESOURC CAREERS NREM 211 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 4467005 R 2:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 9

INTRO CONTRVRSI SCI NREM 260X 3 CREDITS
 9641005 TR 9:30-10:45 BLODGETT S
 MEETS: JAN 13-MAY 9

INTERNSHIP NREM 303 1- 3 CREDITS
 Prereq: PERMISSION OF DEPARTMENT MENTOR,
 SOPHOMORE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR NREM 305 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1058005 1 W 12:40-2:00 SCHULTZ R
 MEETS: JAN 13-MAY 9
 Note: SEC 1 TOPIC: GLOBAL FORESTS, GRASSLANDS,
 WATER AND CLIMATE CHANGE
 OFFERED FOR 1 CREDIT SPRING 2014
 1058010 2 W 10:00-10:50 MORRIS J
 MEETS: JAN 13-MAY 9
 Note: SEC 2 TOPIC: AQUACULTURE HISTORY, PRACTICES &
 FUTURE. OFFERED FOR 1 CREDIT SPRING 2014
 1058015 3 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC 3 TOPIC: QUANTITATIVE PROBLEM SOLVING IN
 NATURAL RESOURCE ECOLOGY AND MANAGEMENT
 OFFERED FOR 3 CREDITS SPRING 2014

PRIN INTERPRETATION NREM 330 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL SCIENCES
 1070005 TR 2:10-3:00 CHRISTOFFEL R
 R 3:10-5:00 CHRISTOFFEL R
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.
 1070010 2 TR 2:10-3:00 CHRISTOFFEL R
 T 3:10-5:00 CHRISTOFFEL R
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

FOREST HERBAC LAYER NREM 358X 1 CREDIT
 Prereq: BIOL 212
 9575005 M 11:00-2:00 MCMULLEN C
 MEETS: MARCH 10-MAY 9

NAT RESOURCE POLICY NREM 385 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 8335005 1 MWF 10:00-10:50 PRITCHARD J
 MEETS: JAN 13-MAY 9

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

WATERSHED MANAGEMENT NREM 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 3727005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 13-MAY 9
 3727010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 13-MAY 9

GIS&GPS NAT RESOURC NREM 446 3 CREDITS
 Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300
 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE
 WITH ARCGIS
 3032005 1 TR 8:00-8:50 WOLTER P
 T 12:10-3:00 WOLTER P
 MEETS: JAN 13-MAY 9
 3032010 2 TR 8:00-8:50 WOLTER P
 R 12:10-3:00 WOLTER P
 MEETS: JAN 13-MAY 9
 3032015 3 TR 8:00-8:50 WOLTER P
 W 10:00-1:00 WOLTER P
 MEETS: JAN 13-MAY 9
 3032020 4 TR 8:00-8:50 WOLTER P
 M 10:00-1:00 WOLTER P
 MEETS: JAN 13-MAY 9

ECOSYSTEM MANAGEMNT NREM 452 3 CREDITS
 Prereq: JR CLASSIFICATION, NREM 301 OR A ECL 312
 Note: Available for nonmajor graduate credit
 5582005 MW 1:10-2:00 SCHULTE-MOORE L
 F 11:00-2:00 SCHULTE-MOORE L
 MEETS: JAN 13-MAY 9

FUND REMOTE SENSING NREM 454X 3 CREDITS
 9624005 TR 9:00-10:50
 MEETS: JAN 13-MAY 9

CONTRV NAT RSRC MGT NREM 460 3 CREDITS
 Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND
 JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 7598005 1 TR 11:00-12:20 HALL R
 MEETS: JAN 13-MAY 9

AGROFORESTRY SYSTEMS NREM 471 3 CREDITS
 Prereq: 6 CR IN BIOL SCI AT 300-LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 5122005 TR 2:10-3:00
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Field trips & travel fee \$40.00

IND STDY ANIMAL ECO NREM 490A 1- 4 CREDITS
 Prereq: JR OR SR 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

IND STDY ENTREPRENR NREM 490E 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 8737005 ARRANGED
 MEETS: JAN 13-MAY 9

INDEP STUDY HONORS NREM 490H 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM

 SEE DEPT FOR REFERENCE NUMBERS

INTERNATIONL TRAVEL NREM 496A 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 2596005 ARRANGED
 MEETS: JAN 13-MAY 9
 2596800 CR ARRANGED DINSMORE S
 MEETS: MARCH 13-24
 Note: SEC CR TAUGHT IN COSTA RICA. NATIONAL HISTORY
 OF COSTA RICA STUDY ABROAD SPRING 2014. TAUGHT FOR
 3 CREDITS SPRING 2014
 Study Abroad Administrative Fee Applies

DOMESTIC TRAVEL NREM 496B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2597005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

COOPERATIVE EDUC NREM 498 1- 3 CREDITS
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Permission of department chair required.
 Satisfactory-Fail Only.
 7593005 ARRANGED BLODGETT S
 MEETS: JAN 13-MAY 9

SEMINAR NREM 505 1- 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 1083005 1 R 1:10-2:00 KLAVER R
 MEETS: JAN 13-MAY 9

WATERSHED MANAGEMNT NREM 507 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 3857005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 13-MAY 9
 3857010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 13-MAY 9

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 14-FEB 13

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 18-MARCH 27

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: APRIL 2-MAY 2

INTR METABLMCS TCNQ NREM 542F 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 9025005 M 1:10-4:00, ARRANGED
 MEETS: FEB 10-APRIL 21

INTEGRATING GIS&GPS NREM 546 3 CREDITS
 Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300
 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE IN
 ARCGIS
 3821005 1 TR 8:00-8:50 WOLTER P
 T 12:10-3:00 WOLTER P
 MEETS: JAN 13-MAY 9
 3821010 2 TR 8:00-8:50 WOLTER P
 R 12:10-3:00 WOLTER P
 MEETS: JAN 13-MAY 9
 3821015 3 TR 8:00-8:50 WOLTER P
 W 10:00-1:00 WOLTER P
 MEETS: JAN 13-MAY 9
 3821020 4 TR 8:00-8:50 WOLTER P
 M 10:00-1:00 WOLTER P
 MEETS: JAN 13-MAY 9

FUND REMOTE SENSING NREM 554X 3 CREDITS
 9629005 TR 9:00-10:50
 MEETS: JAN 13-MAY 9

ADV DECSN RES ALLOC NREM 570 3 CREDITS
 Prereq: FOR 451 OR TWO COURSES IN ECONOMICS
 3757005 F 11:00-1:00 TYNDALL J
 F 1:10-3:00 TYNDALL J
 MEETS: JAN 13-MAY 9

AGROFORESTRY SYSTEMS NREM 571 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL SCIENCE
 AT 300 LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 4826005 TR 2:10-3:00
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Field trips & travel fee \$40.00

NAT RESOURCE POLICY NREM 585 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 8336005 1 MWF 10:00-10:50 PRITCHARD J
 MEETS: JAN 13-MAY 9

SPL TOPCS ANIML ECO NREM 590A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FORESTRY NREM 590B 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP NREM 593 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: Instructor permission required 1st week.
 1106005 ARRANGED
 MEETS: JAN 13-MAY 9

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

INTERNATIONL TRAVEL NREM 596A 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2605005 ARRANGED
 MEETS: JAN 13-MAY 9
 2605800 CR ARRANGED DINSMORE S
 MEETS: MARCH 13-24
 Note: SEC CR TAUGHT IN COSTA RICA. NATIONAL HISTORY
 OF COSTA RICA STUDY ABROAD SPRING 2014. TAUGHT FOR
 3 CREDITS SPRING 2014
 Study Abroad Administrative Fee Applies

DOMESTIC TRAVEL NREM 596B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2606005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

TEACHING PRACTICUM NREM 598 1 CREDIT
 Prereq: GRAD CLASSIFICATION AS M.S. CANDIDATE
 IN AN NREM MAJOR, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SEMINAR NREM 600 1 CREDIT
 3827005 ARRANGED
 MEETS: JAN 13-MAY 9

TEACHING PRACTICUM NREM 698 1 CREDIT
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH NREM 699 1-12 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

NUCLEAR ENGINEERING

NUCLEAR REACTR ENGR NUC E 402 3 CREDITS
 Prereq: NUC E 401
 7745600 XG ARRANGED MAXWELL G
 MEETS: JAN 13-MAY 9
 Note: PLEASE CONTACT DEB SCHROEDER FOR PERMISSION TO
 REGISTER AT DASCHROE@IASTATE.EDU
 Department permission required.
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: Nuc E Consortium

NUCLR ENRGY&SOCIETY NUC E 430 3 CREDITS
 Prereq: NUC E 401
 Note: Available for nonmajor graduate credit
 9086005 ARRANGED
 MEETS: JAN 13-MAY 9
 9086600 XE ARRANGED HARDING M
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

PRBLSTC RISK ASSESS NUC E 441 3 CREDITS
 Prereq: STAT 305 OR EQUIVALENT
 Note: Available for nonmajor graduate credit
 9306005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 9306600 XE ARRANGED HEISING C
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

RADIATN DETECT,MEAS NUC E 461 3 CREDITS
 Prereq: NUC E 401
 Note: Available for nonmajor graduate credit
 9307005 MW 9:00-9:50
 R 12:10-3:00
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY NUC E 490 1- 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

NUTRITIONAL SCIENCES

NON-RUMIN DIGESTIVE NUTRS 518 3 CREDITS
 Prereq: AN S 419 OR NUTRS 501
 8541005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 9

FOOD TOXICOLOGY NUTRS 519 3 CREDITS
 Prereq: A COURSE IN BIOCHEMISTRY
 Note: CREDIT FOR EITHER FS HN/TOX/MICRO 419 OR
 FS HN/TOX/NUTRS 519, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 8654005 1 ARRANGED
 MEETS: JAN 13-MAY 9

INTRO DNA TECHNIQS NUTRS 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8628005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 14-FEB 13

INTR PROTEIN TECHNQ NUTRS 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8644005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: FEB 18-MARCH 27

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: APRIL 1-MAY 1

INTR METABLMCS TCNQ NUTRS 542F 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 9030005 M 1:10-4:00, ARRANGED
 MEETS: FEB 10-APRIL 21

MED NUTRI&DISEAS II NUTRS 564 3- 4 CREDITS
 Prereq: FS HN 360, FS HN 461, OR NUTRS 561;
 3 CREDITS IN PHYSIOLOGY AT 300 LEVEL OR ABOVE
 Note: CREDIT FOR ONLY TWO OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: DIET 560, NUTRS 561,
 NUTRS 564
 8567005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A OFFERED FOR 3 CREDITIS SPRING 2014.

NAVAL SCIENCE

SEAPOWR&MARITME AFF N S 212 3 CREDITS
 7303005 A TR 9:30-10:50
 T 4:10-5:30
 R 4:10-5:30
 MEETS: JAN 13-MAY 9

NAVIGATION N S 230 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 5708005 A TR 8:00-9:20
 T 4:10-5:30
 R 4:10-5:30
 MEETS: JAN 13-MAY 9

NAVAL SHIP SYSTM II N S 330 3 CREDITS
 Prereq: PHYS 221, SOPHOMORE CLASSIFICATION
 5707005 A MWF 9:00-9:50
 T 4:10-5:30
 R 4:10-5:30
 MEETS: JAN 13-MAY 9

LEADERSHIP & ETHICS N S 412 3 CREDITS
 Prereq: REQMTS FOR NROTC STUDENTS - N S 111,
 N S 212 OR HIST 389, N S 220, N S 230, N S 320,
 N S 330 AND N S 410
 Note: COURSE RESTRICTED TO SENIOR MIDSHIPMEN
 5560005 A MWF 10:00-10:50
 TR 4:10-5:30
 MEETS: JAN 13-MAY 9

SENIOR N S SEMINAR N S 440 1 CREDIT
 Prereq: SENIOR CLASSIFICATION
 Satisfactory-Fail Only.
 4061005 TR 4:10-5:30
 MEETS: JAN 13-MAY 9

NEUROSCIENCE

CURR TOPCS NEUROBIO NEURO 661 2- 3 CREDITS
 Prereq: NEURO 556 OR PERMISSION OF INSTRUCTOR
 8553005 ARRANGED
 MEETS: JAN 13-MAY 9

NEUROSCI JOURNL CLB NEURO 690 1 CREDIT
 Prereq: NEURO 556
 8554005 ARRANGED
 MEETS: JAN 13-MAY 9

NEUROSCIENCE SEMINR NEURO 696 1 CREDIT
 Prereq: NEURO 556
 8555005 ARRANGED
 MEETS: JAN 13-MAY 9

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

NUTRITIONAL SCIENCES (CONTINUED)

NUTRI ASPCT ONCOLGY NUTRS 597X 3 CREDITS
 Prereq: B.S. IN NUTRITION, DIETETICS, BIOLOGY,
 OR RELATED DISCIPLINE
 9714005 1 ARRANGED
 MEETS: JAN 13-MAY 9

SPECIAL PROBLEMS NUTRS 690 VAR. CREDITS
 6201415 SP ARRANGED
 MEETS: JAN 13-MAY 9

RESRCH NUTRITNL SCI NUTRS 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ORGANIZATION FOR TROPICAL STUDIES

ECO TROPICAL BIOLGY OTS 510 8 CREDITS
 7535005 ARRANGED
 MEETS: JAN 13-MAY 9

TOPICS TROPICL BIOL OTS 515 1- 8 CREDITS
 7544005 ARRANGED
 MEETS: JAN 13-MAY 9

PERFORMING ARTS

ISSUES PERFORM ARTS PERF 105 R CREDIT
 Satisfactory-Fail Only.
 3673005 R 4:10-5:30 COX J
 MEETS: JAN 13-MAY 9

PERFORM ARTS INTERN PERF 310 R CREDIT
 Satisfactory-Fail Only.
 3677005 ARRANGED
 MEETS: JAN 13-MAY 9

PERFRM ARTS SEMINAR PERF 401 2 CREDITS
 Note: Available for nonmajor graduate credit
 3706005 ARRANGED
 MEETS: JAN 13-MAY 9

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS
 5824005 A TR 9:30-10:50 ALEXANDER D
 MEETS: JAN 13-MAY 9

5824010 B MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

5824015 C MWF 2:10-3:00 HOBSON K
 MEETS: JAN 13-MAY 9

5824020 D MWF 10:00-10:50 HOBSON K
 MEETS: JAN 13-MAY 9

5824025 E MWF 10:00-10:50 TSOU J
 MEETS: JAN 13-MAY 9

5824030 F TR 11:00-12:20 TAYLOR E
 MEETS: JAN 13-MAY 9

5824035 G TR 2:10-3:30 TAYLOR E
 MEETS: JAN 13-MAY 9

5824040 J MWF 11:00-11:50 BIGGS S
 MEETS: JAN 13-MAY 9

5824045 K MWF 10:00-10:50 MILLER D
 MEETS: JAN 13-MAY 9

5824050 L MWF 12:10-1:00 TSOU J
 MEETS: JAN 13-MAY 9

INTR LOGIC&SCI REAS PHIL 206 3 CREDITS
 5825005 MWF 1:10-2:00 BIGGS S
 MEETS: JAN 13-MAY 9

INTR SYMBOLIC LOGIC PHIL 207 3 CREDITS
 Note: Instructor permission required 1st week.
 5826005 TR 9:30-10:50 BUTLER A
 MEETS: JAN 13-MAY 9

MORAL THEOR&PRACTICE PHIL 230 3 CREDITS
 5827005 A MWF 1:10-2:00 KNIGHT G
 MEETS: JAN 13-MAY 9

5827010 B MWF 2:10-3:00 DE LAPLANTE K
 MEETS: JAN 13-MAY 9

5827015 C MWF 9:00-9:50 KNIGHT G
 MEETS: JAN 13-MAY 9

5827020 D MWF 10:00-10:50 KNIGHT G
 MEETS: JAN 13-MAY 9

5827025 E TR 9:30-10:50 BUTLER T
 MEETS: JAN 13-MAY 9

5827030 F TR 12:40-2:00 BUTLER T
 MEETS: JAN 13-MAY 9

5827035 G TR 11:00-12:20 KUPFER J
 MEETS: JAN 13-MAY 9

5827040 J MWF 1:10-2:00 HOLMGREN M
 MEETS: JAN 13-MAY 9

5827045 K MWF 3:10-4:00 DE LAPLANTE K
 MEETS: JAN 13-MAY 9

5827050 L TR 11:00-12:20 CONNOLLY P
 MEETS: JAN 13-MAY 9

5827055 M MWF 11:00-11:50 PADGETT-WALSH C
 MEETS: JAN 13-MAY 9

5827060 N MWF 12:10-1:00 PADGETT-WALSH C
 MEETS: JAN 13-MAY 9

5827065 P TR 2:10-3:30 CONNOLLY P
 MEETS: JAN 13-MAY 9

5827070 Q TR 11:00-12:20 PADGETT-WALSH K
 MEETS: JAN 13-MAY 9

PHILOSOPHY (CONTINUED)

ETH ISS DIVERSE SOC PHIL 235 3 CREDITS
 Note: Meets U.S. diversity reqmt
 4962005 A MWF 2:10-3:00 PADGETT-WALSH C
 MEETS: JAN 13-MAY 9

17TH CENTURY PHILOS PHIL 314 3 CREDITS
 Prereq: PHIL 201
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 5831005 TR 11:00-12:20 BUTLER A
 MEETS: JAN 13-MAY 9

20TH C ANGLO-AM PHI PHIL 318 3 CREDITS
 Prereq: PHIL 201
 Note: Available for nonmajor graduate credit
 1825005 W 3:10-5:40 BIGGS S
 MEETS: JAN 13-MAY 9

MORAL PROB MEDICINE PHIL 331 3 CREDITS
 Prereq: PHIL 230 OR JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 5835005 TR 9:30-10:50 KUPFER J
 MEETS: JAN 13-MAY 9

PHILOSOPHY OF LAW PHIL 332 3 CREDITS
 Prereq: PHIL 201 OR PHIL 230
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 5836005 MWF 11:00-11:50 HOLMGREN M
 MEETS: JAN 13-MAY 9

SOC &POLITICAL PHIL PHIL 335 3 CREDITS
 Prereq: PHIL 201 OR PHIL 230
 Note: Available for nonmajor graduate credit
 5837005 W 12:10-3:00 WOLF C
 MEETS: JAN 13-MAY 9

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 MWF 2:10-3:00 TSOU J
 MEETS: JAN 13-MAY 9

7343010 B MWF 12:10-1:00 DE LAPLANTE K
 MEETS: JAN 13-MAY 9

METAPHYSICS:MINDS&M PHIL 364 3 CREDITS
 Prereq: 3 CREDITS IN PHILOSOPHY
 Note: Available for nonmajor graduate credit
 8110005 MWF 12:10-1:00 GEIRSSON H
 MEETS: JAN 13-MAY 9

VALUE THEORY PHIL 430 3 CREDITS
 Prereq: PHIL 230
 Note: Available for nonmajor graduate credit
 5842005 TR 2:10-3:30 PADGETT-WALSH K
 MEETS: JAN 13-MAY 9

EPISTEMOL &METAPHYS PHIL 460 3 CREDITS
 Prereq: 6 CR IN PHILOSOPHY
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 5844005 TR 12:40-2:00 ALEXANDER D
 MEETS: JAN 13-MAY 9

PHILOSOPH OF PHYSICS PHIL 485 3 CREDITS
 Prereq: 3 CREDITS IN PHILOSOPHY OR PHYSICS
 Note: Available for nonmajor graduate credit
 8048005 MWF 1:10-2:00 MILLER D
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY PHIL 490 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHIL, PERMISSION OF
 INSTRUCTOR; APPROVAL OF CHAIR
 Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHIL 490H 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTR,
 APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATNG SR SURVEY PHIL 492 R CREDIT
 Satisfactory-Fail Only.
 3891005 ARRANGED
 MEETS: JAN 13-MAY 9

SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5850005 ARRANGED
 MEETS: JAN 13-MAY 9

PHILOSOPHY

(CONTINUED)

- SPL TOP EPIS&METAPH PHIL 590B 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5851005 ARRANGED
 MEETS: JAN 13-MAY 9
- SPL TOP VALUE THRY PHIL 590C 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 Note: Instructor permission required.
 5852005 ARRANGED
 MEETS: JAN 13-MAY 9
- SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5853005 ARRANGED
 MEETS: JAN 13-MAY 9

PHYSICS

- PHYS FOR NON-SCIENT PHYS 101 3 CREDITS
 5855005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
- PHYSCL SC FOR EL ED PHYS 102L 3 CREDITS
 Prereq: MATH 195 OR MATH 140
 8651005 1 T 8:00-8:50
 TR 10:00-11:50
 MEETS: JAN 13-MAY 9
- 8651010 2 T 8:00-8:50
 TR 12:10-2:00
 MEETS: JAN 13-MAY 9
- 8651015 3 T 8:00-8:50
 TR 2:10-4:00
 MEETS: JAN 13-MAY 9
- 8651020 4 T 8:00-8:50
 WF 8:00-9:50
 MEETS: JAN 13-MAY 9
- 8651025 5 T 8:00-8:50
 WF 10:00-11:50
 MEETS: JAN 13-MAY 9
- 8651030 6 T 8:00-8:50
 WF 12:10-2:00
 MEETS: JAN 13-MAY 9

- GENERAL PHYSICS PHYS 111 5 CREDITS
 Prereq: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF
 GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

- 5857005 1 TR 9:30-10:50
 F 8:00-8:50
 MEETS: JAN 13-MAY 9
- 5857010 2 TR 9:30-10:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 9
- 5857015 3 TR 9:30-10:50
 F 11:00-11:50
 MEETS: JAN 13-MAY 9
- 5857020 4 TR 9:30-10:50
 F 12:10-1:00
 MEETS: JAN 13-MAY 9
- 5857025 5 TR 9:30-10:50
 F 1:10-2:00
 MEETS: JAN 13-MAY 9
- 5857030 6 TR 9:30-10:50
 F 2:10-3:00
 MEETS: JAN 13-MAY 9
- 5857035 7 TR 9:30-10:50
 F 3:10-4:00
 MEETS: JAN 13-MAY 9
- 5857040 8 TR 9:30-10:50
 F 4:10-5:00
 MEETS: JAN 13-MAY 9
- 5857041 10 TR 11:00-12:20
 F 9:00-9:50
 MEETS: JAN 13-MAY 9
- 5857046 11 TR 11:00-12:20
 F 10:00-10:50
 MEETS: JAN 13-MAY 9
- 5857047 12 TR 11:00-12:20
 F 12:10-1:00
 MEETS: JAN 13-MAY 9
- 5857048 13 TR 11:00-12:20
 F 1:10-2:00
 MEETS: JAN 13-MAY 9
- 5857049 14 TR 11:00-12:20
 F 2:10-3:00
 MEETS: JAN 13-MAY 9
- 5857050 15 TR 11:00-12:20
 F 3:10-4:00
 MEETS: JAN 13-MAY 9
- 5857051 16 TR 11:00-12:20
 F 10:00-10:50
 MEETS: JAN 13-MAY 9
- 5857052 17 TR 11:00-12:20
 F 4:10-5:00
 MEETS: JAN 13-MAY 9
- 5857054 A M 8:00-9:50
 MEETS: JAN 13-MAY 9
- 5857055 B M 10:00-11:50
 MEETS: JAN 13-MAY 9

PHYSICS

(CONTINUED)

- GENERAL PHYSICS PHYS 111 5 CREDITS
 5857060 C M 12:10-2:00
 MEETS: JAN 13-MAY 9
- 5857065 D M 2:10-4:00
 MEETS: JAN 13-MAY 9
- 5857070 E M 4:10-6:00PM
 MEETS: JAN 13-MAY 9
- 5857075 F T 8:00-9:50
 MEETS: JAN 13-MAY 9
- 5857080 G W 8:00-9:50
 MEETS: JAN 13-MAY 9
- 5857085 H T 12:10-2:00
 MEETS: JAN 13-MAY 9
- 5857090 J T 2:10-4:00
 MEETS: JAN 13-MAY 9
- 5857095 K T 4:10-6:00PM
 MEETS: JAN 13-MAY 9
- 5857100 L W 10:00-11:50
 MEETS: JAN 13-MAY 9
- 5857084 M W 12:10-2:00
 MEETS: JAN 13-MAY 9
- 5857105 N W 2:10-4:00
 MEETS: JAN 13-MAY 9
- 5857110 P W 4:10-6:00PM
 MEETS: JAN 13-MAY 9
- 5857115 Q R 8:00-9:50
 MEETS: JAN 13-MAY 9
- 5857120 R R 6:10-8:00PM
 MEETS: JAN 13-MAY 9
- 5857125 T R 12:10-2:00
 MEETS: JAN 13-MAY 9
- 5857130 U R 2:10-4:00
 MEETS: JAN 13-MAY 9
- 5857135 V R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
- 5857140 X M 6:10-8:00PM
 MEETS: JAN 13-MAY 9
- 5857145 Y M 8:10-10:00PM
 MEETS: JAN 13-MAY 9
- 5857150 Z W 6:10-8:00PM
 MEETS: JAN 13-MAY 9
- 5857155 AA W 8:10-10:00PM
 MEETS: JAN 13-MAY 9
- 5857300 LW ARRANGED
 MEETS: JAN 13-MAY 9

Note: SEC LW IS THE LAB WAIVER SECTION. FOR
 STUDENTS APPLY FOR LAB WAIVER ON BLACKBOARD IN 1ST
 WEEK OF CLASSES

GENERAL PHYSICS PHYS 112 5 CREDITS

- Prereq: PHYS 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 13-MAY 9
- 5858010 2 MWF 12:10-1:00
 R 10:00-10:50
 MEETS: JAN 13-MAY 9
- 5858015 3 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 13-MAY 9
- 5858020 4 MWF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 9
- 5858025 5 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 9
- 5858030 6 MWF 12:10-1:00
 R 2:10-3:00
 MEETS: JAN 13-MAY 9
- 5858035 7 MWF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 9
- 5858038 8 MWF 12:10-1:00
 R 4:10-5:00
 MEETS: JAN 13-MAY 9
- 5858039 9 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 13-MAY 9
- 5858042 A T 8:00-9:50
 MEETS: JAN 13-MAY 9
- 5858045 B T 10:00-11:50
 MEETS: JAN 13-MAY 9
- 5858050 C T 12:10-2:00
 MEETS: JAN 13-MAY 9
- 5858055 D T 2:10-4:00
 MEETS: JAN 13-MAY 9
- 5858060 E T 4:10-6:00PM
 MEETS: JAN 13-MAY 9
- 5858065 F W 8:00-9:50
 MEETS: JAN 13-MAY 9
- 5858070 G W 10:00-11:50
 MEETS: JAN 13-MAY 9
- 5858075 H W 2:10-4:00
 MEETS: JAN 13-MAY 9
- 5858080 J W 4:10-6:00PM
 MEETS: JAN 13-MAY 9
- 5858085 K T 6:10-8:00PM
 MEETS: JAN 13-MAY 9
- 5858090 L W 6:10-8:00PM
 MEETS: JAN 13-MAY 9
- 5858095 M T 8:10-10:00PM
 MEETS: JAN 13-MAY 9

PHYSICS

(CONTINUED)

PHYSICS

(CONTINUED)

GENERAL PHYSICS PHYS 112 5 CREDITS
 5858100 N W 8:10-10:00PM
 MEETS: JAN 13-MAY 9
 5858500 LW ARRANGED
 MEETS: JAN 13-MAY 9

PHYSICS FOR LIFE SCI PHYS 115 4 CREDITS
 Prereq: 1 1/2 YRS HIGH SCHOOL ALGEBRA, 1 YEAR
 H.S. GEOMETRY, 1 SEMESTER H.S. TRIGONOMETRY
 9212005 1 MWF 11:00-11:50
 T 8:00-8:50
 MEETS: JAN 13-MAY 9
 9212010 2 MWF 11:00-11:50
 T 8:00-8:50
 MEETS: JAN 13-MAY 9
 9212015 3 MWF 11:00-11:50
 T 11:00-11:50
 MEETS: JAN 13-MAY 9
 9212020 4 MWF 11:00-11:50
 T 12:10-1:00
 MEETS: JAN 13-MAY 9
 9212025 5 MWF 11:00-11:50
 T 1:10-2:00
 MEETS: JAN 13-MAY 9
 9212030 6 MWF 11:00-11:50
 T 2:10-3:00
 MEETS: JAN 13-MAY 9
 9212035 7 MWF 11:00-11:50
 T 3:10-4:00
 MEETS: JAN 13-MAY 9
 9212040 8 MWF 11:00-11:50
 T 4:10-5:00
 MEETS: JAN 13-MAY 9

LAB PHYS FOR LF SCI PHYS 115L 1 CREDIT
 9252005 1 R 8:00-9:50
 MEETS: JAN 13-MAY 9
 9252010 2 R 10:00-11:50
 MEETS: JAN 13-MAY 9
 9252015 3 R 12:10-2:00
 MEETS: JAN 13-MAY 9
 9252020 4 R 2:10-4:00
 MEETS: JAN 13-MAY 9
 9252025 5 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 9252030 6 F 8:00-9:50
 MEETS: JAN 13-MAY 9
 9252035 7 F 12:10-2:00
 MEETS: JAN 13-MAY 9
 9252040 8 F 2:10-4:00
 MEETS: JAN 13-MAY 9
 9252045 9 F 4:10-6:00PM
 MEETS: JAN 13-MAY 9

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 PREVIOUSLY ENROLLED IN 221 MUST
 REGISTER FOR LAB SEC LW.
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams)

5861005 1 MWF 8:00-8:50
 TR 8:00-8:50
 MEETS: JAN 13-MAY 9
 5861010 2 MWF 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 13-MAY 9

Note: SEC 2 RESTRICTED TO PHYSICS MAJORS ONLY

5861015 3 MWF 8:00-8:50
 TR 10:00-10:50
 MEETS: JAN 13-MAY 9
 5861020 4 MWF 8:00-8:50
 TR 11:00-11:50
 MEETS: JAN 13-MAY 9
 5861025 5 MWF 8:00-8:50
 TR 12:10-1:00
 MEETS: JAN 13-MAY 9
 5861030 6 MWF 8:00-8:50
 TR 1:10-2:00
 MEETS: JAN 13-MAY 9
 5861035 7 MWF 8:00-8:50
 TR 2:10-3:00
 MEETS: JAN 13-MAY 9
 5861040 8 MWF 8:00-8:50
 TR 3:10-4:00
 MEETS: JAN 13-MAY 9
 5861045 9 MWF 8:00-8:50
 TR 4:10-5:00
 MEETS: JAN 13-MAY 9
 5861050 10 MWF 9:00-9:50
 TR 8:00-8:50
 MEETS: JAN 13-MAY 9
 5861055 11 MWF 9:00-9:50
 TR 9:00-9:50
 MEETS: JAN 13-MAY 9
 5861060 12 MWF 9:00-9:50
 TR 10:00-10:50
 MEETS: JAN 13-MAY 9
 5861065 13 MWF 9:00-9:50
 TR 11:00-11:50
 MEETS: JAN 13-MAY 9

Note: SEC 13 RESTRICTED TO PHYSICS MAJORS ONLY

INTR CLASSCL PHYS I PHYS 221 5 CREDITS
 5861070 14 MWF 9:00-9:50
 TR 12:10-1:00
 MEETS: JAN 13-MAY 9
 5861075 15 MWF 9:00-9:50
 TR 1:10-2:00
 MEETS: JAN 13-MAY 9
 5861080 16 MWF 9:00-9:50
 TR 2:10-3:00
 MEETS: JAN 13-MAY 9
 5861085 17 MWF 9:00-9:50
 TR 3:10-4:00
 MEETS: JAN 13-MAY 9
 5861087 18 MWF 9:00-9:50
 TR 4:10-5:00
 MEETS: JAN 13-MAY 9
 5861088 19 MWF 9:00-9:50
 TR 5:10-6:00PM
 MEETS: JAN 13-MAY 9
 5861090 20 MWF 10:00-10:50
 TR 8:00-8:50
 MEETS: JAN 13-MAY 9
 5861095 21 MWF 10:00-10:50
 TR 9:00-9:50
 MEETS: JAN 13-MAY 9
 5861100 22 MWF 10:00-10:50
 TR 10:00-10:50
 MEETS: JAN 13-MAY 9
 5861105 23 MWF 10:00-10:50
 TR 11:00-11:50
 MEETS: JAN 13-MAY 9
 5861110 24 MWF 10:00-10:50
 TR 12:10-1:00
 MEETS: JAN 13-MAY 9
 5861115 25 MWF 10:00-10:50
 TR 1:10-2:00
 MEETS: JAN 13-MAY 9

Note: SEC 25 RESTRICTED TO PHYSICS MAJORS ONLY

5861120 26 MWF 10:00-10:50
 TR 2:10-3:00
 MEETS: JAN 13-MAY 9
 5861125 27 MWF 10:00-10:50
 TR 3:10-4:00
 MEETS: JAN 13-MAY 9
 5861130 28 MWF 10:00-10:50
 TR 4:10-5:00
 MEETS: JAN 13-MAY 9
 5861135 29 MWF 10:00-10:50
 TR 5:10-6:00PM
 MEETS: JAN 13-MAY 9
 5861140 30 MWF 3:10-4:00
 TR 8:00-8:50
 MEETS: JAN 13-MAY 9
 5861145 31 MWF 3:10-4:00
 TR 9:00-9:50
 MEETS: JAN 13-MAY 9
 5861150 32 MWF 3:10-4:00
 TR 10:00-10:50
 MEETS: JAN 13-MAY 9
 5861155 33 MWF 3:10-4:00
 TR 11:00-11:50
 MEETS: JAN 13-MAY 9
 5861160 34 MWF 3:10-4:00
 TR 12:10-1:00
 MEETS: JAN 13-MAY 9
 5861165 35 MWF 3:10-4:00
 TR 1:10-2:00
 MEETS: JAN 13-MAY 9
 5861170 36 MWF 3:10-4:00
 TR 2:10-3:00
 MEETS: JAN 13-MAY 9
 5861175 37 MWF 3:10-4:00
 TR 3:10-4:00
 MEETS: JAN 13-MAY 9
 5861180 38 MWF 3:10-4:00
 TR 4:10-5:00
 MEETS: JAN 13-MAY 9
 5861185 39 MWF 3:10-4:00
 TR 5:10-6:00PM
 MEETS: JAN 13-MAY 9
 5861190 40 MWF 11:00-11:50
 TR 9:00-9:50
 MEETS: JAN 13-MAY 9
 5861195 41 MWF 11:00-11:50
 TR 10:00-10:50
 MEETS: JAN 13-MAY 9
 5861500 42 MWF 11:00-11:50
 TR 1:10-2:00
 MEETS: JAN 13-MAY 9
 5861505 43 MWF 11:00-11:50
 TR 2:10-3:00
 MEETS: JAN 13-MAY 9
 5861510 44 MWF 11:00-11:50
 TR 3:10-4:00
 MEETS: JAN 13-MAY 9
 5861200 A M 8:00-9:50
 MEETS: JAN 13-MAY 9
 5861205 B M 10:00-11:50
 MEETS: JAN 13-MAY 9
 5861210 C M 12:10-2:00
 MEETS: JAN 13-MAY 9
 5861215 D M 2:10-4:00
 MEETS: JAN 13-MAY 9
 5861220 E M 4:10-6:00PM
 MEETS: JAN 13-MAY 9

PHYSICS

(CONTINUED)

INTR CLASSCL PHYS I PHYS 221 5 CREDITS
 5861225 F T 8:00-9:50
 MEETS: JAN 13-MAY 9
 5861230 G T 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC G RESTRICTED TO PHYSICS MAJORS ONLY
 5861235 J T 12:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC J DOES NOT MEET DURING SAME WEEKS AS THURS DISCUSSION, SO WHAT APPEARS AS A POTENTIAL TIME CONFLICT IS NOT.
 5861240 K T 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC K RESTRICTED TO PHYSICS MAJORS ONLY
 5861245 L T 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 5861250 M W 8:00-9:50
 MEETS: JAN 13-MAY 9
 5861255 N W 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC N RESTRICTED TO PHYSICS MAJORS ONLY
 5861260 P W 12:10-2:00
 MEETS: JAN 13-MAY 9
 5861265 Q W 2:10-4:00
 MEETS: JAN 13-MAY 9
 5861270 R W 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 5861275 T W 8:00-9:50
 MEETS: JAN 13-MAY 9
 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 10:00-11:50
 MEETS: JAN 13-MAY 9
 5861285 V W 12:10-2:00
 MEETS: JAN 13-MAY 9
 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 2:10-4:00
 MEETS: JAN 13-MAY 9
 5861300 X W 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 5861305 Y R 8:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC Y LAB DOES NOT MEET DURING THE SAME WEEKS AS THURS DISCUSSIONS SO IT WHAT APPEARS AS A POTENTIAL CONFLICT IS NOT.
 5861310 Z R 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC Z LAB DOES NOT MEET DURING THE SAME WEEKS AS THURS DISCUSSIONS SO IT WHAT APPEARS AS A POTENTIAL CONFLICT IS NOT.
 5861315 AA R 12:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC AA LAB DOES NOT MEET DURING THE SAME WEEKS AS THURS DISCUSSIONS SO IT WHAT APPEARS AS A POTENTIAL CONFLICT IS NOT.
 5861425 AB T 6:10-8:00PM
 MEETS: JAN 13-MAY 9
 5861430 AC W 6:10-8:00PM
 MEETS: JAN 13-MAY 9
 5861435 AD W 6:10-8:00PM
 MEETS: JAN 13-MAY 9
 5861440 AE T 8:10-10:00PM
 MEETS: JAN 13-MAY 9
 5861445 AF T 8:10-10:00PM
 MEETS: JAN 13-MAY 9
 5861320 BB R 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC BB LAB DOES NOT MEET DURING THE SAME WEEKS AS THURS DISCUSSIONS SO IT WHAT APPEARS AS A POTENTIAL CONFLICT IS NOT.
 5861325 CC R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC CC LAB DOES NOT MEET DURING THE SAME WEEKS AS THURS DISCUSSIONS SO IT WHAT APPEARS AS A POTENTIAL CONFLICT IS NOT.
 5861330 DD R 8:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC EE DO NOT ENROLL IN A THURS. DISCUSSION (SEC 1-44) THAT MEETS AT THE SAME TIME AS THE LAB
 5861335 EE R 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC EE DO NOT ENROLL IN A THURS. DISCUSSION (SEC 1-44) THAT MEETS AT THE SAME TIME AS THE LAB
 5861340 FF R 12:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC EE DO NOT ENROLL IN A THURS. DISCUSSION (SEC 1-44) THAT MEETS AT THE SAME TIME AS THE LAB
 5861345 GG R 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC EE DO NOT ENROLL IN A THURS. DISCUSSION (SEC 1-44) THAT MEETS AT THE SAME TIME AS THE LAB
 5861350 JJ R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC EE DO NOT ENROLL IN A THURS. DISCUSSION (SEC 1-44) THAT MEETS AT THE SAME TIME AS THE LAB
 5861360 KK F 8:00-9:50
 MEETS: JAN 13-MAY 9
 5861365 LL F 10:00-11:50
 MEETS: JAN 13-MAY 9
 5861355 LW ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC LW ONLY FOR STUDENTS ENROLLED PREVIOUSLY. AFTER FINAL GRADES ARE RECORDED, STUDENTS ENROLLED IN

PHYSICS

(CONTINUED)

INTR CLASSCL PHYS I PHYS 221 5 CREDITS
 SECTION LW WILL BE CONTACTED BY THE PHYSICS DEPARTMENT REGARDING PLACEMENT IN A LAB OR A LAB WAIVER.
 5861370 MM F 12:10-2:00
 MEETS: JAN 13-MAY 9
 5861375 NN F 2:10-4:00
 MEETS: JAN 13-MAY 9
 5861380 PP F 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 5861385 QQ F 8:00-9:50
 MEETS: JAN 13-MAY 9
 5861390 RR F 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC RR TO AVOID CONFLICT DO NOT ENROLL IN A RECITATION CLASS THAT MEETS AT THE SAME TIME ON THURSDAY.
 5861395 TT F 12:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC TT TO AVOID CONFLICT DO NOT ENROLL IN A RECITATION CLASS THAT MEETS AT THE SAME TIME ON THURSDAY.
 5861400 UU F 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC UU TO AVOID CONFLICT DO NOT ENROLL IN A RECITATION CLASS THAT MEETS AT THE SAME TIME ON THURSDAY.
 5861405 VV F 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC VV TO AVOID CONFLICT DO NOT ENROLL IN A RECITATION CLASS THAT MEETS AT THE SAME TIME ON THURSDAY.
 5861410 WW M 6:10-8:00PM
 MEETS: JAN 13-MAY 9
 5861415 YY T 6:10-8:00PM
 MEETS: JAN 13-MAY 9
 HONORS-CLASSIC PH I PHYS 221H 5 CREDITS
 Prereq: CR OR ENROLLMENT IN MATH 166, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION. RESTRICTED TO UNIV. HONORS STUDENTS ONLY.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 5862005 1 MWF 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 13-MAY 9
 5862010 2 MWF 9:00-9:50
 TR 11:00-11:50
 MEETS: JAN 13-MAY 9
 5862015 3 MWF 10:00-10:50
 TR 1:10-2:00
 MEETS: JAN 13-MAY 9
 5862050 A T 2:10-4:00
 MEETS: JAN 13-MAY 9
 5862055 B W 10:00-11:50
 MEETS: JAN 13-MAY 9
 5862060 C T 10:00-11:50
 MEETS: JAN 13-MAY 9
 INTR CLASSC PHYS II PHYS 222 5 CREDITS
 Prereq: PHYS 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 PREVIOUSLY IN PHYS 222 MUST REGISTER FOR LAB SECTION LW.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 5863005 1 MWF 1:10-2:00
 T 8:00-8:50
 MEETS: JAN 13-MAY 9
 5863010 2 MWF 1:10-2:00
 T 9:00-9:50
 MEETS: JAN 13-MAY 9
 5863015 3 MWF 1:10-2:00
 T 10:00-10:50
 MEETS: JAN 13-MAY 9
 5863020 4 MWF 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 9
 5863025 5 MWF 1:10-2:00
 T 12:10-1:00
 MEETS: JAN 13-MAY 9
 5863030 6 MWF 1:10-2:00
 T 1:10-2:00
 MEETS: JAN 13-MAY 9
 5863035 7 MWF 1:10-2:00
 T 2:10-3:00
 MEETS: JAN 13-MAY 9
 5863036 8 MWF 1:10-2:00
 T 9:00-9:50
 MEETS: JAN 13-MAY 9
 5863037 9 MWF 1:10-2:00
 T 10:00-10:50
 MEETS: JAN 13-MAY 9
 5863040 10 MWF 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 9

PHYSICS

(CONTINUED)

INTR CLASSC PHYS II PHYS 222 5 CREDITS
 5863045 11 MWF 2:10-3:00
 T 8:00-8:50
 MEETS: JAN 13-MAY 9
 5863050 12 MWF 2:10-3:00
 T 9:00-9:50
 MEETS: JAN 13-MAY 9
 5863055 13 MWF 2:10-3:00
 T 10:00-10:50
 MEETS: JAN 13-MAY 9
 5863060 14 MWF 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 9
 5863065 15 MWF 2:10-3:00
 T 12:10-1:00
 MEETS: JAN 13-MAY 9
 5863090 16 MWF 2:10-3:00
 T 1:10-2:00
 MEETS: JAN 13-MAY 9
 5863095 17 MWF 2:10-3:00
 T 2:10-3:00
 MEETS: JAN 13-MAY 9
 5863100 18 MWF 2:10-3:00
 T 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC 18 RESTRICTED TO PHYSICS MAJORS ONLY
 5863105 19 MWF 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 13-MAY 9
 5863115 21 MWF 3:10-4:00
 T 8:00-8:50
 MEETS: JAN 13-MAY 9
 5863120 22 MWF 3:10-4:00
 T 9:00-9:50
 MEETS: JAN 13-MAY 9
 5863125 23 MWF 3:10-4:00
 T 10:00-10:50
 MEETS: JAN 13-MAY 9
 5863130 24 MWF 3:10-4:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 9
 5863135 25 MWF 3:10-4:00
 T 12:10-1:00
 MEETS: JAN 13-MAY 9
 5863140 26 MWF 3:10-4:00
 T 1:10-2:00
 MEETS: JAN 13-MAY 9
 5863145 27 MWF 3:10-4:00
 T 2:10-3:00
 MEETS: JAN 13-MAY 9
 5863150 28 MWF 3:10-4:00
 T 3:10-4:00
 MEETS: JAN 13-MAY 9
 5863155 29 MWF 3:10-4:00
 T 4:10-5:00
 MEETS: JAN 13-MAY 9
 5863160 30 MWF 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 9
 5863200 A T 8:00-9:50
 MEETS: JAN 13-MAY 9
 5863205 B T 10:00-11:50
 MEETS: JAN 13-MAY 9
 5863215 C T 12:10-2:00
 MEETS: JAN 13-MAY 9
 5863220 D T 2:10-4:00
 MEETS: JAN 13-MAY 9
 5863225 E T 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 5863230 F W 8:00-9:50
 MEETS: JAN 13-MAY 9
 5863235 G W 10:00-11:50
 MEETS: JAN 13-MAY 9
 5863240 J W 12:10-2:00
 MEETS: JAN 13-MAY 9
 5863245 K W 2:10-4:00
 MEETS: JAN 13-MAY 9
 5863250 L W 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 5863255 M R 8:00-9:50
 MEETS: JAN 13-MAY 9
 5863260 N R 10:00-11:50
 MEETS: JAN 13-MAY 9
 5863265 P R 12:10-2:00
 MEETS: JAN 13-MAY 9
 5863270 Q R 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC Q RESTRICTED TO PHYSICS MAJORS ONLY
 5863275 R R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 5863280 T R 8:00-9:50
 MEETS: JAN 13-MAY 9
 5863285 U R 10:00-11:50
 MEETS: JAN 13-MAY 9
 5863290 V R 12:10-2:00
 MEETS: JAN 13-MAY 9
 5863295 W R 2:10-4:00
 MEETS: JAN 13-MAY 9
 5863305 Y F 8:00-9:50
 MEETS: JAN 13-MAY 9
 5863310 Z F 10:00-11:50
 MEETS: JAN 13-MAY 9
 5863315 AA F 12:10-2:00
 MEETS: JAN 13-MAY 9
 5863320 BB F 2:10-4:00
 MEETS: JAN 13-MAY 9

PHYSICS

(CONTINUED)

INTR CLASSC PHYS II PHYS 222 5 CREDITS
 5863325 CC F 10:00-11:50
 MEETS: JAN 13-MAY 9
 5863345 LW ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC LW ONLY FOR STUDENTS ENROLLED PREVIOUSLY.
 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: PHYS 221, MATH 166, MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 RESTRICTED TO UNIV. HONORS STUDENTS ONLY.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>
 5864005 1 MWF 2:10-3:00
 T 3:10-4:00
 MEETS: JAN 13-MAY 9
 5864050 A R 2:10-4:00
 MEETS: JAN 13-MAY 9
 PRIN&SYMM CLS PH II PHYS 242 5 CREDITS
 Prereq: PHYS 221, MATH 166 OR 166H; NON-PHYSICS
 MAJORS MUST HAVE INSTRUCTOR PERMISSION
 6011005 1 MWF 11:00-11:50
 T 11:00-11:50
 MEETS: JAN 13-MAY 9
 6011010 2 MWF 11:00-11:50
 T 1:10-2:00
 MEETS: JAN 13-MAY 9
 6011015 3 MWF 11:00-11:50
 T 2:10-3:00
 MEETS: JAN 13-MAY 9
 6011050 A R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 6011055 B F 12:10-2:00
 MEETS: JAN 13-MAY 9
 6011060 C F 2:10-4:00
 MEETS: JAN 13-MAY 9
 PRIN&SYMM CLS PH II PHYS 242H 5 CREDITS
 Prereq: PHYS 221, MATH 166 OR 166H; NON-PHYSICS
 MAJORS MUST HAVE INSTRUCTOR PERMISSION; MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM
 9405005 1 MWF 11:00-11:50
 T 11:00-11:50
 MEETS: JAN 13-MAY 9
 9405010 2 MWF 11:00-11:50
 T 1:10-2:00
 MEETS: JAN 13-MAY 9
 9405015 3 MWF 11:00-11:50
 T 2:10-3:00
 MEETS: JAN 13-MAY 9
 9405050 A R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 9405055 B F 12:10-2:00
 MEETS: JAN 13-MAY 9
 9405060 C F 2:10-4:00
 MEETS: JAN 13-MAY 9
 INDEPENDENT STUDY PHYS 290 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS
 CHALLNG CONTEMP PHY PHYS 302 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: PHYS 302 MAY NOT BE APPLIED TOWARD GENERAL
 PHYSICS GRADUATION REQUIREMENTS BY NATURAL SCIENCE
 MAJORS
 5869005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 PHYS OF WAVE MOTION PHYS 306 3 CREDITS
 Prereq: PHYS 222, CREDIT OR ENROLLMENT IN MATH
 267
 5871005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 INTERMEDIATE LAB PHYS 311 1- 2 CREDITS
 Prereq: PHYS 322
 Note: Available for nonmajor graduate credit
 5872005 1 MW 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 5872010 2 TR 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 INTMED LAB FOR TCHR PHYS 311T 3 CREDITS
 Prereq: PHYS 112 OR PHYS 222
 5873005 R 6:10-8:00PM
 ARRANGED
 MEETS: JAN 13-MAY 9

PHYSICS (CONTINUED)

PHYSICS (CONTINUED)

INTR MODERN PHYS II PHYS 322 3 CREDITS
 Prereq: PHYS 321
 5876005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

INTR MOD PHY LAB II PHYS 322L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN PHYS 322
 5877005 1 M 2:10-4:00
 MEETS: JAN 13-MAY 9
 5877010 2 T 2:10-4:00
 MEETS: JAN 13-MAY 9
 5877015 3 W 2:10-4:00
 MEETS: JAN 13-MAY 9
 5877020 4 R 2:10-4:00
 MEETS: JAN 13-MAY 9
 5877025 5 T 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 5877030 6 W 4:10-6:00PM
 MEETS: JAN 13-MAY 9

CLASSICAL MECHANICS PHYS 361 3 CREDITS
 Prereq: PHYS 222, MATH 265, MATH 266
 Note: Available for nonmajor graduate credit
 5880005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

INTERMED MECHANICS PHYS 362 3 CREDITS
 Prereq: PHYS 361
 Note: Available for nonmajor graduate credit
 5881005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

ELECT& MAGNETISM II PHYS 365 3 CREDITS
 Prereq: PHYS 364
 Note: Available for nonmajor graduate credit
 5883005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

JUNIOR SEMINAR PHYS 389 R CREDIT
 Satisfactory-Fail Only.
 3647005 F 9:00-9:50
 MEETS: JAN 13-MAY 9

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5886005 ARRANGED
 MEETS: JAN 13-MAY 9

MOLCLR&CELL BIOPHYS PHYS 432 3 CREDITS
 Prereq: PHYS 304 OR CHEM 325
 Note: Available for nonmajor graduate credit
 8704005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

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

UNDERGRAD RESEARCH PHYS 450L 1- 6 CREDITS
 Prereq: PHYS 311, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED PHYSICS LAB PHYS 470L 2- 5 CREDITS
 Prereq: PHYS 322 AND PERMISSION OF INSTRUCTOR
 3161005 ARRANGED
 MEETS: JAN 13-MAY 9

QUANTUM MECHANCS II PHYS 481 3 CREDITS
 Prereq: PHYS 480
 Note: Available for nonmajor graduate credit
 5891005 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

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

CONDENSED MATTER I PHYS 511 3 CREDITS
 Prereq: PHYS 304, CREDIT OR ENROLLMENT IN PHYS
 481
 5896005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

CONDENSED MATTER II PHYS 512 3 CREDITS
 Prereq: PHYS 511
 5897005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

PARTICLE&NUCLR PHYS PHYS 526 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN PHYS 481
 5905005 MWF 2:10-3:30
 MEETS: JAN 13-MAY 9

STATISTICAL MECHANI PHYS 531 3 CREDITS
 Prereq: PHYS 304 AND CREDIT OR ENROLLMENT IN PHYS
 481, MATH 465, CREDIT OR ENROLLMENT IN MATH 365 OR
 MATH 426
 5902005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

MOLCLR&CELL BIOPHYS PHYS 532 3 CREDITS
 Prereq: PHYS 304 OR CHEM 325
 8708005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

PHYS SEMICOND DEVIC PHYS 536 3 CREDITS
 Prereq: E E 535
 5904005 MW 5:40-7:00PM
 MEETS: JAN 13-MAY 9

COMPUTATIONAL PHYS PHYS 551 2 CREDITS
 Prereq: PHYS 365, CREDIT OR ENROLLMENT IN PHYS
 481
 Satisfactory-Fail Only.
 7651005 R 2:10-4:00
 MEETS: JAN 13-MAY 9

ADV CLASSICL MECHAN PHYS 564 3 CREDITS
 Prereq: PHYS 362, MATH 426, MATH 465
 5907005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

ADV ELECT&MAGNET II PHYS 572 3 CREDITS
 Prereq: PHYS 571
 5909005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

SPCL TOPICS NUCLEAR PHYS 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5910005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOP COND MATTER PHYS 590B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS
 5911005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

SPL TOP HIGH ENERGY PHYS 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5912005 ARRANGED
 MEETS: JAN 13-MAY 9

SPCL TOPICS PHYSICS PHYS 590D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5913005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOPCS APPL PHYS PHYS 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5914005 ARRANGED
 MEETS: JAN 13-MAY 9

QUANTUM PHYSICS II PHYS 592 4 CREDITS
 Prereq: PHYS 591
 5916005 MF 10:00-10:50
 W 9:00-10:50
 MEETS: JAN 13-MAY 9

CREATIVE COMPONENT PHYS 599 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

QUANT THRY C MATTER PHYS 611 3 CREDITS
 Prereq: PHYS 512 AND PHYS 681 OR PERMISSION OF
 INSTRUCTOR
 5918005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

PH STRONG INTERACTN PHYS 625 3 CREDITS
 Prereq: PHYS 681
 3150005 ARRANGED
 MEETS: JAN 13-MAY 9

ELEMNTY PARTICLE I PHYS 637 3 CREDITS
 Prereq: PHYS 526 AND PHYS 592
 5921005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

ELEM PARTICLE PH II PHYS 638 3 CREDITS
 Prereq: PHYS 637
 5922005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

PHYSICS

(CONTINUED)

MATH MODEL PHYSC SY PHYS 646 3 CREDITS
9102005 MWF 11:00-11:50
MEETS: JAN 13-MAY 9

ADV SEMINAR NUCLEAR PHYS 650A 1 CREDIT
Satisfactory-Fail Only.
5923005 R 4:10-5:00
MEETS: JAN 13-MAY 9

ADV SEM COND MATTER PHYS 650B 1 CREDIT
Satisfactory-Fail Only.
5924005 R 4:10-5:00
MEETS: JAN 13-MAY 9

ADV SEM HIGH ENERGY PHYS 650C 1 CREDIT
Satisfactory-Fail Only.
5925005 W 4:10-5:00
MEETS: JAN 13-MAY 9

ADV SEMINAR PHYSICS PHYS 650D 1 CREDIT
Satisfactory-Fail Only.
5926005 F 12:10-1:00
MEETS: JAN 13-MAY 9

ADV SEMINAR APPLIED PHYS 650E 1 CREDIT
Satisfactory-Fail Only.
5927005 ARRANGED
MEETS: JAN 13-MAY 9

ADV TOPICS NUCLEAR PHYS 660A 1- 3 CREDITS
5928005 ARRANGED
MEETS: JAN 13-MAY 9

ADV TOP COND MATTER PHYS 660B 1- 3 CREDITS
5929005 ARRANGED
MEETS: JAN 13-MAY 9

ADV TOP HIGH ENERGY PHYS 660C 1- 3 CREDITS
5930005 ARRANGED
MEETS: JAN 13-MAY 9

ADV TOPICS PHYSICS PHYS 660D 1- 3 CREDITS
5931005 ARRANGED
MEETS: JAN 13-MAY 9

ADV TOPICS APPLIED PHYS 660E 1- 3 CREDITS
5932005 ARRANGED
MEETS: JAN 13-MAY 9

QUANTUM FLD THRY II PHYS 682 3 CREDITS
Prereq: PHYS 681
5936005 TR 3:40-5:00
MEETS: JAN 13-MAY 9

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

PLANT BIOLOGY

RESEARCH SEMINAR PLBIO 696 1 CREDIT
Satisfactory-Fail Only.
8828005 W 4:10-5:30
MEETS: JAN 13-MAY 9

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

PLANT PATHOLOGY

PRIN OF PLANT PATH PL P 408 3 CREDITS
Prereq: 8 CREDITS IN LIFE SCIENCES, INCLUDING BIOL 211
3898005 1 MW 11:00-11:50
W 12:10-3:00
MEETS: JAN 13-MAY 9

3898010 2 MW 11:00-11:50
W 3:10-6:00PM
MEETS: JAN 13-MAY 9

MGT DIS&PEST TGRASS PL P 452 3 CREDITS
Prereq: HORT 351
5312005 TR 11:00-12:20
MEETS: JAN 13-MAY 9

BACT-PLANT INTERACT PL P 477 3 CREDITS
Prereq: 3 CREDITS IN MICROBIOL OR PLANT PATHOLOGY
5648005 MWF 1:10-2:00
MEETS: JAN 13-MAY 9

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
***** SEE DEPT FOR REFERENCE NUMBERS

PLANT PATHOLOGY

(CONTINUED)

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 13-MAY 9

SEED PATHOLOGY PL P 494 3 CREDITS
Prereq: PL P 408
Note: CREDIT FOR EITHER PL P 494/594 OR STB/PL P 592, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
7927005 MW 11:00-11:50
F 9:00-11:50
MEETS: JAN 13-MAY 9

PLANT-PATH INTERACT PL P 506 2 CREDITS
Prereq: PL P 408 OR PL P 416, BIOL 313
9645005 TR 9:00-9:50
MEETS: JAN 13-MAY 9

PRIN OF PLANT PATH PL P 508 3 CREDITS
Prereq: 8 CREDITS IN LIFE SCI, INCLUDING BIOL 211
3902005 1 MW 11:00-11:50
W 12:10-3:00
MEETS: JAN 13-MAY 9

3902010 2 MW 11:00-11:50
W 3:10-6:00PM
MEETS: JAN 13-MAY 9

MGT DIS&PEST TGRASS PL P 552 3 CREDITS
Prereq: HORT 351
5950005 TR 11:00-12:20
MEETS: JAN 13-MAY 9

BACT-PLANT INTERACT PL P 577 3 CREDITS
Prereq: 3 CREDITS IN MICRO OR PLANT PATHOLOGY
5649005 MWF 1:10-2:00
MEETS: JAN 13-MAY 9

SPECIAL TOPICS PL P 590 1- 3 CREDITS
Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
***** SEE DEPT FOR REFERENCE NUMBERS

SEED HEALTH MANAGMT PL P 592 2 CREDITS
Prereq: ADMISSION TO THE GRAD PROGRAM IN STB OR CONSENT OF INSTRUCTOR
Note: CREDIT FOR EITHER PL P 494/594 OR STB/PL P 592, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
7949005 ARRANGED
MEETS: JAN 13-MAY 9

7949600 XW ARRANGED MUNKVOLD G
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW
Secondary delivery is CD
Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

COLLOQ IN PLANT PTH PL P 694 2 CREDITS
Prereq: PL P 408 OR PL 416; PERMISSION OF INSTRUCTOR
5958005 ARRANGED
MEETS: JAN 13-MAY 9

SEMINAR PL P 698 1 CREDIT
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

THESIS&DIS RESEARCH PL P 699 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

ORIENTATN POLIT SCI POL S 101 1 CREDIT
Prereq: POL S AND OPEN OPTION MAJORS ONLY OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO POL S MAJORS ONLY
Satisfactory-Fail Only.
3912005 TR 11:00-11:50
MEETS: JAN 13-MARCH 7

INTR AMERIC GOVERN POL S 215 3 CREDITS
5961005 A MWF 11:00-11:50
MEETS: JAN 13-MAY 9

5961010 B TR 9:30-10:50
MEETS: JAN 13-MAY 9

5961015 C MWF 9:00-9:50
MEETS: JAN 13-MAY 9

INTRO ETHICS&POLTCS POL S 235 3 CREDITS
5715005 A MWF 10:00-10:50
MEETS: JAN 13-MAY 9

Note: SEC A RESTRICTED TO POL S MAJORS ONLY

5715010 B MWF 10:00-10:50
MEETS: JAN 13-MAY 9

Note: SEC B FOR MAJORS OTHER THAN POL S.

POLITICAL SCIENCE (CONTINUED)

INTR CMPAR GOVT&POL POL S 241 3 CREDITS
 Note: Meets international perspectives reqmt
 5963005 A MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 5963010 B TR 9:30-10:50
 MEETS: JAN 13-MAY 9

INTRO INTERNATL POL POL S 251 3 CREDITS
 Note: Meets international perspectives reqmt
 5964005 A MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 5964010 B TR 11:00-12:20
 MEETS: JAN 13-MAY 9

INTRO EMPIRCL RSRCH POL S 301 3 CREDITS
 Prereq: 3 CREDITS IN POL S; ONE STAT COURSE
 REQUIRED: SOPHOMORE CLASSIFICATION
 5965005 A MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

POLITICAL BEHAVIOR POL S 305 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 5966005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 5966010 B TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR MAJORS OTHER THAN POL S

PUB OPINION&VOT BHV POL S 306 3 CREDITS
 Prereq: 6 CR IN POL S OR SOPH CLASSIFICATION
 9242005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

SPL TOPCS AMER GOVT POL S 312 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: USE OF POL S 312,313,314,315 IN POL S MAJOR
 AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRAD STUDIES SECTION OF CATALOG FOR DETAILS.
 8810005 A TR 11:00-12:20
 MEETS: MARCH 10-MAY 9
 8810010 B TR 2:10-3:30
 MEETS: MARCH 10-MAY 9

LAW AND POLITICS POL S 319 3 CREDITS
 Prereq: SOPHOMORE STANDING; POL S 215 RECOMMENDED
 Note: CREDIT FOR EITHER POL S 319 OR POL S 230, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 3865005 A MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 3865010 B MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR MAJORS OTHER THAN POL S.

AMER JUDICIAL PROC POL S 320 3 CREDITS
 Prereq: POL S 215
 5970005 A TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 5970010 B TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR MAJORS OTHER THAN POL S.

DMCRCY&DVRSTY IN US POL S 333 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 6471005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 6471010 B TR 9:30-10:50
 MEETS: JAN 13-MAY 9

SCI,TEC&PUBLC POLCY POL S 335 3 CREDITS
 7987005 A R 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 7987010 B R 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR MAJORS OTHER THAN POL S

LIBERTY&LAW IN AMER POL S 339X 3 CREDITS
 Prereq: SOPHOMORE STANDING
 9454005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

LATIN AM GOVT & POL POL S 343 3 CREDITS
 5974005 1A MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO POL S MAJORS ONLY
 5974010 1B MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1B FOR MAJORS OTHER THAN POL S.

PUBLIC POLICY POL S 344 3 CREDITS
 9243005 A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 9243010 B MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR MAJORS OTHER THAN POL S

POLITICAL SCIENCE (CONTINUED)

IMMIGRATION POLICY POL S 345 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 8913005 A MWF 2:10-3:00
 MEETS: JAN 13-MAY 9
 8913010 B MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

EUROPEAN POLITICS POL S 346 3 CREDITS
 5976005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 5976010 B TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR MAJORS OTHER THAN POL S

WAR&HUMNTRN POLITCS POL S 354 3 CREDITS
 Prereq: POL S 235 OR POL S 251 OR ANTHR 230
 Note: Meets international perspectives reqmt
 6464005 A MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 6464010 B MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

ISSUES FOREIGN PLCY POL S 359 3 CREDITS
 Prereq: POL S 215, POL S 251, OR POL S 358
 1006005 A TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 1006010 B TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR MAJORS OTHER THAN POL S.

AMER INSTI:CONGRESS POL S 360 3 CREDITS
 Prereq: POL S 215
 5980005 A T 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 5980010 B T 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR MAJORS OTHER THAN POL S.

THE JUDICIARY POL S 362X 3 CREDITS
 Prereq: POL S 215
 9453005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

RELIGION & POLITICS POL S 370 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Available for nonmajor graduate credit
 3166005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 3166010 B TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR MAJORS OTHER THAN POL S

INT'L POLIT ECONOMY POL S 381 3 CREDITS
 1000005 A MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO POL S MAJORS.
 1000010 B MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR MAJORS OTHER THAN POL S.

ADV WRITING POL SCI POL S 395 R CREDIT
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN POL S 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION
 COORDINATOR; JUNIOR CLASSIFICATION
 4566005 ARRANGED
 MEETS: JAN 13-MAY 9

CONSTITUTNL FREEDMS POL S 421 3 CREDITS
 Prereq: POL S 320 OR POL S 420
 Note: Available for nonmajor graduate credit
 5989005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

COMP FOREIGN POLICY POL S 452 3 CREDITS
 Prereq: POL S 251
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 6000005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

PUBLIC CHOICE POL S 470 3 CREDITS
 Prereq: ECON 101
 Note: Available for nonmajor graduate credit
 8904005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

POLITICAL SCIENCE (CONTINUED)

POLITICAL SCIENCE (CONTINUED)

MGMT PUBLIC SECTOR POL S 475 3 CREDITS
 Prereq: POL S 371
 Note: Available for nonmajor graduate credit
 6005005 R 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 6005600 XW ARRANGED JACKSON M
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

ELECTRONC DEMOCRACY POL S 487 3 CREDITS
 Prereq: SOPHOMORE STANDING OR INSTRUCTOR APPROVAL
 Note: Available for nonmajor graduate credit
 6140005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

IND STUDY AMER GOV'T POL S 490A VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY THRY&METHD POL S 490B VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY COMPAR POL POL S 490C VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA POL S 490D VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EXT CREDIT POL S 490E 1- 2 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR POL S 490G VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS POL S 490H VAR. CREDITS
 Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS POL S 491 3 CREDITS
 Prereq: 21 CREDITS OF POL S, SENIOR STATUS AND PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHING INTERNSHIP POL S 496 3 CREDITS
 Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSN Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP POL S 497 3 CREDITS
 Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSN Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN POL S 498 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4568005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

POL SCI INTERNSHIP POL S 499 VAR. CREDITS
 Prereq: 6 CREDITS IN POL S; JUNIOR OR SENIOR CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR
 Note: USE OF POL S 499 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROSEM COMPAR POLIT POL S 505 3 CREDITS
 Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING
 4638005 T 6:10-9:00PM
 MEETS: JAN 13-MAY 9

INTL BIORNW LAW&POL POL S 516X 3 CREDITS
 9708600 XE ARRANGED BROWN T
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

INFO ASSUR LEGAL&ET POL S 534 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, CPR E 531/INFAS 531
 7329005 A M 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 7329600 XW ARRANGED PETERS K
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

PUBLIC FINANC&BUDGT POL S 572 3 CREDITS
 6034005 M 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 6034600 XW ARRANGED SHAW K
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

PUB PERSONNEL ADMIN POL S 573 3 CREDITS
 6035005 W 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 6035600 XW ARRANGED COVEYOU M
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

MGMT PUBLIC SECTOR POL S 575 3 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 6037005 R 6:10-9:00PM
 MEETS: JAN 13-MAY 9
 6037600 XW ARRANGED JACKSON M
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

ELECTRONC DEMOCRACY POL S 587 3 CREDITS
 Prereq: SOPHOMORE STANDING OR INSTRUCTOR PERMISSN
 3084005 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

SPL TOP US P INSTIT POL S 590A 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSN
 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 PERMISSN
 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 PERMISSN
 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 PERMISSN
 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 PERMISSN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POLICY PROC POL S 590F 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE (CONTINUED)

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 13-MAY 9
6050003 AS ARRANGED
MEETS: JAN 13-MAY 9

INTERNSHIP POL S 598 3- 6 CREDITS
Prereq: 15 CREDITS IN POL S, INSTRUCTR PERMISSION
4540005 ARRANGED
MEETS: JAN 13-MAY 9

CREATIVE COMPONENT POL S 599 VAR. CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

SEM COMPARATVE GOVT POL S 610D 3 CREDITS
Prereq: 15 CREDITS IN POLITICAL SCIENCE
Note: Instructor permission required 1st week.
6056005 M 6:10-9:00PM
MEETS: JAN 13-MAY 9

SEM INT'L RELATIONS POL S 610E 3 CREDITS
Prereq: 15 CREDITS IN POLITICAL SCIENCE
Note: Instructor permission required 1st week.
6057005 ARRANGED
MEETS: JAN 13-MAY 9

SEM POLICY PROCESS POL S 610F 3 CREDITS
Prereq: 15 CREDITS IN POLITICAL SCIENCE
6058005 ARRANGED
MEETS: JAN 13-MAY 9

SEM PUB ADMIN&POLCY POL S 610G 3 CREDITS
Prereq: 15 CREDITS IN POLITICAL SCIENCE
Note: Instructor permission required 1st week.
6059005 ARRANGED
MEETS: JAN 13-MAY 9

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

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS
Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

6069005 A TR 9:30-10:50 MEISSNER C
MEETS: JAN 13-MAY 9
6069010 B TR 11:00-12:20 MEISSNER C
MEETS: JAN 13-MAY 9

LAB INTRODUC PSYCH PSYCH 102 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN PSYCH 101
Note: SEC A1,B1 ECT. RESTRICTED TO PSYCH MAJORS ONLY.
SEC A2,B2 ECT FOR MAJORS OTHER THAN PSYCH.

4786005 A1 T 1:10-3:00
MEETS: JAN 13-MAY 9
4786010 A2 T 1:10-3:00
MEETS: JAN 13-MAY 9
4786015 B1 W 8:00-9:50
MEETS: JAN 13-MAY 9
4786020 B2 W 8:00-9:50
MEETS: JAN 13-MAY 9
4786025 C1 T 3:10-5:00
MEETS: JAN 13-MAY 9
4786030 C2 T 3:10-5:00
MEETS: JAN 13-MAY 9

ORIENTATN TO PSYCH PSYCH 111 .5 CREDIT
Satisfactory-Fail Only.
6068005 W 3:10-4:00 MITTLEIDER A
MEETS: JAN 15-MARCH 26

PSY LRN CMNTY SEMNR PSYCH 112 1 CREDIT
Prereq: PARTICIPATION IN FRESHMAN LEARNING COMMUNITY
Satisfactory-Fail Only.

9388005 1 W 3:10-4:00 CUTRONA C
MEETS: JAN 13-MAY 9
9388010 2 W 3:10-4:00 SCHEEL K
MEETS: JAN 13-MAY 9

PSYCHOLOGY (CONTINUED)

ACAD LEARNNG SKILLS PSYCH 131 1 CREDIT
Satisfactory-Fail Only.
6071005 AA MW 11:00-11:50
MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071010 AB MW 12:10-1:00
MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071020 AC MW 1:10-2:00
MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071025 AD MW 2:10-3:00
MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071030 AE TR 4:10-5:00
MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071035 AF TR 3:40-4:30
MEETS: JAN 13-MAY 9
Note: SECT AF FOR UNDECLARED ENGR STUDENTS ONLY.
Instructor permission required.

6071050 BA TR 2:10-4:00
MEETS: JAN 13-MAY 9
6071100 CA TR 2:10-4:00
MEETS: MARCH 10-MAY 9
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071105 CB MW 3:10-5:00
MEETS: MARCH 10-MAY 9
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071110 CC MW 1:10-3:00
MEETS: MARCH 10-MAY 9
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071120 CD TR 2:10-4:00
MEETS: MARCH 10-MAY 9
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071125 CE TR 9:30-11:20
MEETS: MARCH 10-MAY 9
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071200 DA TR 3:40-4:30
MEETS: JAN 13-MAY 9

DEVELOPMENTAL PSYCH PSYCH 230 3 CREDITS
Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

6072005 A TR 8:00-9:20 PHILLIPS W
MEETS: JAN 13-MAY 9
6072010 B TR 9:30-10:50 PHILLIPS W
MEETS: JAN 13-MAY 9
6072600 XW ARRANGED JOHAR O
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW

SOCIAL PSYCHOLOGY PSYCH 280 3 CREDITS
Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

6075005 A TR 12:40-2:00 WELLS G
MEETS: JAN 13-MAY 9
6075010 B TR 2:10-3:30 WELLS G
MEETS: JAN 13-MAY 9
6075600 XW ARRANGED LAM C
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW

INTRO RESRCH EXPRNC PSYCH 291 1- 4 CREDITS
Prereq: PSYCH 101, SOPHOMORE CLASSIFICATION,
INSTRUCTOR PERMISSION
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

RES DSGN & METHODOL PSYCH 301 3 CREDITS
Prereq: STAT 101; 1 COURSE IN PSYCHOLOGY
Note: COURSE RESTRICTED TO PSYCH MAJORS. PSYCH MINORS
ARE ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN ADD
SLIP IN W022 LAGOMARCINO HALL.

6076005 A TR 2:10-3:30 GUYLL M
MEETS: JAN 13-MAY 9
6076010 B MWF 2:10-3:00 COOPER E
MEETS: JAN 13-MAY 9

RESRCH METHODS PSYCH PSYCH 302 3 CREDITS
Prereq: PSYCH 301, ENGL 250
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY

1173005 A TR 9:00-10:50 CHAN C
MEETS: JAN 13-MAY 9
1173010 B TR 11:00-12:50 ACERBO M
MEETS: JAN 13-MAY 9
1173015 C MW 2:10-4:00 CARPENTER S
MEETS: JAN 13-MAY 9

PSYCHOLOGY (CONTINUED)

PSYCHOLOGY (CONTINUED)

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS
 Prereq: PSYCH 101
 1515005 A1 TR 2:10-3:30 ACERBO M
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 1515010 A2 TR 2:10-3:30 ACERBO M
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

SENSATION & PERCEPTN PSYCH 312 3 CREDITS
 Prereq: PSYCH 101
 6079005 A1 TR 3:40-5:00 KELLY J
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6079010 A2 TR 3:40-5:00 KELLY J
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

LEARNING & MEMORY PSYCH 313 3 CREDITS
 Prereq: PSYCH 101
 6080005 A1 MWF 10:00-10:50 CARPENTER S
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6080010 A2 MWF 10:00-10:50 CARPENTER S
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

MOTIVATION PSYCH 314 3 CREDITS
 Prereq: PSYCH 101
 6081005 A1 MWF 10:00-10:50 SCHEEL K
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6081010 A2 MWF 10:00-10:50 SCHEEL K
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

DRUGS & BEHAVIOR PSYCH 315 3 CREDITS
 Prereq: PSYCH 101
 6082005 A1 MWF 2:10-3:00 ACERBO M
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6082010 A2 MWF 2:10-3:00 ACERBO M
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

COGNITIVE PSYCHOLGY PSYCH 316 3 CREDITS
 Prereq: PSYCH 101
 6083005 A1 TR 3:40-5:00 CHAN C
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6083010 A2 TR 3:40-5:00 CHAN C
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

THINKING&DECISN MAK PSYCH 318 3 CREDITS
 Prereq: PSYCH 101; STAT 101 OR MATH 104 OR EQUIVALENT
 8995005 A1 MWF 1:10-2:00 WEBER B
 MEETS: JAN 13-MAY 9
 8995010 A2 MWF 1:10-2:00 WEBER B
 MEETS: JAN 13-MAY 9

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 13-MAY 9

ABNORM PSY CHD&ADOL PSYCH 335 3 CREDITS
 Prereq: PSYCH 101; PSYCH 230 OR HD FS 102
 4299005 A1 TR 9:30-10:45 KONAR A
 MEETS: JAN 13-MAY 9
 4299010 A2 TR 9:30-10:45 KONAR A
 MEETS: JAN 13-MAY 9

PSYCHOLOGY OF WOMEN PSYCH 346 3 CREDITS
 Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101
 Note: Meets U.S. diversity reqmt
 SEC A1,B1 RESTRICTED TO PSYCH MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN PSYCH.
 Meets U.S. diversity reqmt
 6085005 A1 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6085010 A2 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

U.S. LATINO/A PSYCH PSYCH 347 3 CREDITS
 Prereq: TWO COURSES IN PSYCHOLOGY INCLUDING PSYCH 101
 Note: SEC A1,B1 RESTRICTED TO PSYCH MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN PSYCH.
 Meets U.S. diversity reqmt
 9184005 A1 TR 11:00-12:15 PRIETO L
 MEETS: JAN 13-MAY 9
 9184010 A2 TR 11:00-12:15 PRIETO L
 MEETS: JAN 13-MAY 9

PSYCHOL OF RELIGION PSYCH 348 3 CREDITS
 Prereq: NINE CREDITS IN PSYCHOLOGY
 7034005 A1 TR 9:30-10:45 WADE N
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 7034010 A2 TR 9:30-10:45 WADE N
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

PERSONALITY PSYCHOL PSYCH 360 3 CREDITS
 Prereq: PSYCH 101
 6087005 A1 MWF 1:10-2:00 KRIZAN Z
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6087010 A2 MWF 1:10-2:00 KRIZAN Z
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER PSYCH

SMALL GROUP BEHAVR PSYCH 381 3 CREDITS
 Prereq: PSYCH 280 OR SOC 305
 6088005 A MWF 2:10-3:00 HARROD W
 MEETS: JAN 13-MAY 9

PSYCHOLOGY AND LAW PSYCH 383 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 280
 9080005 A1 MWF 1:10-2:00 MADON S
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 9080010 A2 MWF 1:10-2:00 MADON S
 MEETS: JAN 13-MAY 9
 Note: SEC A2 RESTRICTED TO INDIS MAJORS ONLY
 9080015 A3 MWF 1:10-2:00 MADON S
 MEETS: JAN 13-MAY 9
 Note: SEC A3 FOR MAJORS OTHER THAN INDIS, PSYCH

MEDIA PSYCHOLOGY PSYCH 386X 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230 OR PSYCH 280
 8576600 WX ARRANGED PROT S
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW

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 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6089010 A2 TR 9:30-10:50 SCHEEL K
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

EVOLUTIONARY PSYCH PSYCH 411 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION; THREE COURSES IN PSYCH; ONE COURSE IN BIOLOGY
 6924005 A1 M 6:10-9:00PM COOPER E
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 6924010 A2 M 6:10-9:00PM COOPER E
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

PSYCH OF LANGUAGE PSYCH 413 3 CREDITS
 Prereq: PSYCH 101
 Note: Available for nonmajor graduate credit
 6092005 A1 TR 12:40-2:00 MORRIS A
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 6092010 A2 TR 12:40-2:00 MORRIS A
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

COUNSEL THEOR&TCHNQ PSYCH 422 3 CREDITS
 Prereq: 3 COURSES IN PSYCH
 Note: Available for nonmajor graduate credit
 6093005 A1 TR 11:00-12:15 WEI M
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6093010 A2 TR 11:00-12:15 WEI M
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THEN PSYCH

LAB CONSL THR&TCHNQ PSYCH 422L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN PSYCH 422, MAJOR OR MINOR IN PSYCHOLOGY
 2844005 T 1:10-2:50 HAMMER J
 MEETS: JAN 13-MAY 9

PSYCH MEASUREMENT I PSYCH 440 3 CREDITS
 Prereq: PSYCH 301 AND 9 CREDITS IN PSYCHOLOGY, 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 13-MAY 9
 6099010 B M 12:10-2:00 ARMSTRONG P
 W 12:10-2:00
 MEETS: JAN 13-MAY 9
 6099015 C M 12:10-2:00 ARMSTRONG P
 F 12:10-2:00
 MEETS: JAN 13-MAY 9
 6099020 D M 12:10-2:00 ARMSTRONG P
 W 4:10-6:00PM
 MEETS: JAN 13-MAY 9

PSYCHOLOGY (CONTINUED)

INDUSTRIAL PSYCHOLG PSYCH 450 3 CREDITS
 Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101, STAT 101
 Note: Available for nonmajor graduate credit
 6100005 A1 MW 3:10-4:30 HANISCH K
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 6100010 A2 MW 3:10-4:30 HANISCH K
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

ABNORMAL PSYCHOLOGY PSYCH 460 3 CREDITS
 Prereq: 3 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101
 Note: SEC A1,B1 RESTRICTED TO PSYCH MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN PSYCH.
 Available for nonmajor graduate credit
 6102005 A1 TR 8:00-9:20 KONAR A
 MEETS: JAN 13-MAY 9
 6102010 A2 TR 8:00-9:20 KONAR A
 MEETS: JAN 13-MAY 9
 6102015 B1 MWF 11:00-11:50 SCOTT N
 MEETS: JAN 13-MAY 9
 6102020 B2 MWF 11:00-11:50 SCOTT N
 MEETS: JAN 13-MAY 9

HUMAN AGGRESSION PSYCH 487 3 CREDITS
 Prereq: PSYCH 230, PSYCH 301; PSYCH 313, PSYCH 316, OR PSYCH 380
 1438005 A1 TR 2:10-3:30 ANDERSON C
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 1438010 A2 TR 2:10-3:30 ANDERSON C
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

CULTURAL PSYCHOLOGY PSYCH 488 3 CREDITS
 Prereq: PSYCH 280 AND PSYCH 301; JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 5698005 A1 MWF 9:00-9:50 HESSLING R
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 5698010 A2 MWF 9:00-9:50 HESSLING R
 MEETS: JAN 13-MAY 9
 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 PSYCH 301
 Note: NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

FIELDWORK PRACTICUM PSYCH 492 VAR. CREDITS
 Prereq: JR CLASSIFICATION, 12 CR IN PSYCH, PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF PSYCH 492 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES METHD APPL PSYC PSYCH 508 3 CREDITS
 Prereq: PSYCH 440 AND PSYCH 501 OR STAT 401
 6110005 MW 10:00-11:15 LARSON L
 MEETS: JAN 13-MAY 9

METHDS HUMAN&CMPUTR PSYCH 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7051005 TR 11:00-12:20 GILBERT S
 MEETS: JAN 13-MAY 9
 7051600 XE ARRANGED JORDAN Z
 MEETS: JAN 13-MAY 9
 Note: Section XE is off campus
 Course delivery is WWW

EDUC PSYCH LEARNING PSYCH 533 3 CREDITS
 Prereq: C I 333 OR TEACHER LICENSURE
 6118005 1 T 4:30-7:00PM
 MEETS: JAN 13-MAY 9

PSYCHOLOGY (CONTINUED)

PSYCHOPHTL&BEH DEVI PSYCH 561 3 CREDITS
 Prereq: PSYCH 460
 6129005 TR 11:00-12:20 SCOTT N
 MEETS: JAN 13-MAY 9

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

SEM SOC PSY:CULTURE PSYCH 595C 1- 3 CREDITS
 Prereq: 12 CREDITS IN PSYCH
 5757005 W 2:10-5:00 CROSS S
 MEETS: JAN 13-MAY 9

SEM COUNS PSY:RSRCH PSYCH 596B VAR. CREDITS
 Prereq: 12 CREDITS IN PSYCH
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
 5878005 F 9:00-11:50 ARMSTRONG P
 MEETS: JAN 13-MAY 9

INTERNSHIP IN PSYCH PSYCH 597 R CREDIT
 Prereq: M.S. DEGREE CANDIDACY; PERMISSION OF INSTRUCTOR
 7659005 ARRANGED
 MEETS: JAN 13-MAY 9

SMNR COGNTV:LANGUAG PSYCH 598F VAR. CREDITS
 Prereq: PSYCH 516; PSYCH 501 OR STAT 401
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
 6173005 M 5:30-8:30PM MORRIS A
 MEETS: JAN 13-MAY 9

CREATIVE COMPONENT PSYCH 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHING OF PSYCH PSYCH 633 3 CREDITS
 Prereq: ENROLLMENT IN DOCTORAL DEGREE PROGRAM IN PSYCH, COMPLETION OF AT LEAST ONE YEAR OF GRAD STUDY, PERMISSION OF INSTRUCTOR
 6156005 TR 12:40-2:00 PRIETO L
 MEETS: JAN 13-MAY 9

PRACTCM BEG COUNSEL PSYCH 691A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACT INTMD COUNSEL PSYCH 691B VAR. CREDITS
 Prereq: PSYCH 691A, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTCM ADV COUNSEL PSYCH 691C VAR. CREDITS
 Prereq: PSYCH 691A, PSYCH 691B, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXT PRCTCM ADV CNSL PSYCH 691D VAR. CREDITS
 Prereq: 691A, 691B, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACT GROUP COUNSEL PSYCH 691G VAR. CREDITS
 Prereq: PSYCH 626, PSYCH 691A, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM TEACHING PSYCH 691T VAR. CREDITS
 Prereq: PSYCH 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 2014.
 7667005 W 12:10-1:00 WEST R
 MEETS: JAN 13-MAY 9

RESRCH SEMNR SOCIAL PSYCH 692R 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014.
 9085005 ARRANGED KRIZAN Z
 MEETS: JAN 13-MAY 9

PSYCHOLOGY

(CONTINUED)

INTERN COUNSELING PSYCH 697 R CREDIT
 Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH
 PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN
 6182005 ARRANGED
 MEETS: JAN 13-MAY 9

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 TR 9:30-10:50 CHASE C
 MEETS: JAN 13-MAY 9
 6109010 B TR 11:00-12:20 CHASE C
 MEETS: JAN 13-MAY 9
 6109015 C TR 12:40-2:00 CHILCOTT T
 MEETS: JAN 13-MAY 9
 6109020 D TR 12:40-2:00 BROUCEK J
 MEETS: JAN 13-MAY 9
 6109025 E TR 9:30-10:50 ESLINGER B
 MEETS: JAN 13-MAY 9

RELIGION IN AMERICA RELIG 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 6188005 A MWF 9:00-9:50 SHERRARD B
 MEETS: JAN 13-MAY 9
 6188010 B MWF 10:00-10:50 SHERRARD B
 MEETS: JAN 13-MAY 9
 6188015 C MWF 12:10-1:00 SHERRARD B
 MEETS: JAN 13-MAY 9
 6188020 D TR 8:00-9:20 ESLINGER B
 MEETS: JAN 13-MAY 9
 6188025 E TR 12:40-2:00
 MEETS: JAN 13-MAY 9

CHRISTNTY:RFRMTN ON RELIG 243 3 CREDITS
 5242005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

NEW TESTAMENT RELIG 322 3 CREDITS
 Note: Available for nonmajor graduate credit
 6195005 MWF 3:10-4:00 AVALOS H
 MEETS: JAN 13-MAY 9

CHRISTIANITY&SCIENC RELIG 324 3 CREDITS
 Prereq: RELIG 205 OR RELIG 210; BIOL 101 OR
 BIOL 173 (OR HIGHER)
 Note: Available for nonmajor graduate credit
 2458005 TR 9:30-10:50 CLIFFORD A
 MEETS: JAN 13-MAY 9

AFRI AMER RELIG EXP RELIG 334 3 CREDITS
 Prereq: PRIOR COURSE WORK IN RELIG OR AF AM
 RECOMMENDED
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 8636005 TR 12:40-2:00 CHASE C
 MEETS: JAN 13-MAY 9

RL&U.S.LATINO/A LIT RELIG 342 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 5340005 M 4:10-7:00PM AVALOS H
 MEETS: JAN 13-MAY 9

PSYCHOL OF RELIGION RELIG 348 3 CREDITS
 Prereq: NINE CREDITS IN PSYCHOLOGY
 7036005 A1 TR 9:30-10:45 WADE N
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 7036010 A2 TR 9:30-10:45 WADE N
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

INTRODUCTN TO ISLAM RELIG 358 3 CREDITS
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 3332005 TR 11:00-12:30 BROUCEK J
 MEETS: JAN 13-MAY 9

CHRISTIAN ROMAN EM RELIG 367 3 CREDITS
 Note: Available for nonmajor graduate credit
 7364005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

RELIGION & POLITICS RELIG 370 3 CREDITS
 Note: Available for nonmajor graduate credit
 3165005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 3165010 B TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR MAJORS OTHER THAN POL S

RELIGIOUS STUDIES

(CONTINUED)

CATHLIC SOC THOUGHT RELIG 380 3 CREDITS
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 Available for nonmajor graduate credit
 8994005 TR 12:40-2:00 CLIFFORD A
 MEETS: JAN 13-MAY 9

BUDDHISM RELIG 453 3 CREDITS
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 6200005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

SEM:ISS STUDY RELIG RELIG 475 3 CREDITS
 Prereq: 6 CREDITS IN RELIGIOUS STUDIES
 Note: Available for nonmajor graduate credit
 6204005 R 3:40-6:30PM BADO-FRALICK N
 MEETS: JAN 13-MAY 9

THEORY&METHD R STDI RELIG 485 3 CREDITS
 Prereq: 6 CREDITS IN RELIGIOUS STUDIES OR
 PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 6259005 TR 12:10-3:00 BADO-FRALICK N
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY RELIG 490 1- 3 CREDITS
 Prereq: 6 CR IN RELIGIOUS STUDIES; PERMISSION
 OF INSTRUCTOR; APPROVAL OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
 APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS RELIG 490H 1- 3 CREDITS
 Prereq: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR,
 APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RELIG STUDI RELIG 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, 9 CR IN RELIG
 3617005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.
 3617030 SD ARRANGED
 MEETS: JAN 13-MAY 9

RESEARCH & EVALUATION

INTRO EDUC RESEARCH RESEV 550 3 CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 6211005 1 M 5:30-8:20PM
 MEETS: JAN 13-MAY 9

INTMED EDUC STATIST RESEV 553 3 CREDITS
 Prereq: RESEV 552 OR STAT 401
 Note: COURSE FOR STUDENTS IN EDUCATION
 7684005 1 M 5:00-8:00PM
 MEETS: JAN 13-MAY 9
 Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS ONLY.
 MUST CONTACT DEPARTMENT AT 294-1241.

SURVEY ED RESEARCH RESEV 570 3 CREDITS
 Prereq: RESEV 552 OR EQUIVALENT
 8408005 1 T 5:30-8:20PM
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS RESEV 590 1- 3 CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRVSD FIELD EXPER RESEV 591 2- 4 CREDITS
 Prereq: RESEV 553 OR RESEV 680
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROGRAM ASSESS&EVAL RESEV 597 3 CREDITS
 Prereq: RESEV 550
 Note: COURSE RESTRICTED TO COLLEGE OF HUMAN SCIENCES
 GRADUATE STUDENTS.
 6218005 1 R 9:00-11:50
 MEETS: JAN 13-MAY 9

CRIT ISS QLTV INQUI RESEV 680 3 CREDITS
 Prereq: RESEV 580
 4564005 W 5:10-8:00PM
 MEETS: JAN 13-MAY 9

ADV SPECIAL TOPICS RESEV 690 1- 3 CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH & EVALUATION

(CONTINUED)

RESEARCH RESEV 699 VAR. CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN

ELEM RUSSIAN II RUS 102 4 CREDITS
 Prereq: RUS 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL RUS MAY NOT ENROLL IN 102. STUDENTS WHO HAVE COMPLETED MORE THAN 1 YR BUT LESS THAN 3 YRS OF H.S. RUSSIAN ARE REQUIRED TO TAKE 1ST YEAR TESTOUT EXAM. Meets international perspectives reqmt
 6226005 1 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 9
 6226010 2 MTWR 11:00-11:50
 MEETS: JAN 13-MAY 9

INTERMED RUSSIAN II RUS 202 4 CREDITS
 Prereq: RUS 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 Meets international perspectives reqmt
 6229005 1 MTWR 9:00-9:50
 MEETS: JAN 13-MAY 9

RUSSN FILM STU ENGL RUS 378 3 CREDITS
 Note: TOPIC: MASTERPIECES OF RUSSIAN CINEMA
 Meets international perspectives reqmt
 5090005 1 M 6:10-9:00PM
 MEETS: JAN 13-MAY 9

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
 7975005 ARRANGED
 MEETS: JAN 13-MAY 9
 7975600 XW ARRANGED MUNKVOLD G
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW
 Secondary delivery is CD
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

CREATIVE COMPONENT STB 599 3- 4 CREDITS
 Prereq: ADMISSION TO SEED TECHNOLOGY AND BUSINESS
 MASTER'S DEGREE PROGRAM AND PERMISSION OF INSTRUCTOR
 3239005 ARRANGED
 MEETS: JAN 13-MAY 9
 3239600 XA ARRANGED MUNKVOLD G
 MEETS: JAN 13-MAY 9
 Note: Section XA is off campus
 Course delivery is Independent study
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

SOCIOLOGY

SOCIOLOGY ORIENTATN SOC 115 R CREDIT
 Satisfactory-Fail Only.
 6345005 A MW 9:00-9:50
 MEETS: JAN 13-MARCH 7

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 BAIN C
 MEETS: JAN 13-MAY 9

INTRO TO SOCIOLOGY SOC 134 3 CREDITS
 Note: CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 6346005 1 TR 9:30-10:50 BESSER T
 MEETS: JAN 13-MAY 9
 6346010 2 MWF 10:00-10:50 SCHWEINGRUBER D
 MEETS: JAN 13-MAY 9
 6346015 3 MWF 11:00-11:50 SCHWEINGRUBER D
 MEETS: JAN 13-MAY 9

SOCIOLOGY

(CONTINUED)

INTIMATE RELATNSHIP SOC 219 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 6349005 A TR 9:30-10:50 STEWART S
 MEETS: JAN 13-MAY 9
 6349010 B MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

GLOBLIZTN &SUSTAINB SOC 220 3 CREDITS
 Note: Meets international perspectives reqmt
 3847005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

SOCIAL PROBLEMS SOC 235 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 Note: Meets U.S. diversity reqmt
 6347005 A TR 9:30-10:50 SAPP S
 MEETS: JAN 13-MAY 9

YOUTH & CRIME SOC 241 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 6350005 A MWF 8:00-8:50
 MEETS: JAN 13-MAY 9

SOC SCI RSRCH MTHDS SOC 302 3 CREDITS
 Prereq: SOC 130 OR SOC 134; STAT 101; OR CONCURRENT ENROLLMENT IN STAT 101
 Note: COURSE RESTRICTED TO SOC, P S A, CJ ST MAJORS STUDENTS WHO HAVE PREVIOUSLY TAKEN SOC 202 WILL NOT RECIEVE CREDIT FOR SOC 302.
 6354005 A MWF 2:10-3:00 DORIUS S
 MEETS: JAN 13-MAY 9
 6354010 B TR 12:40-2:00 DORIUS S
 MEETS: JAN 13-MAY 9

SOC PSYCH:SOC PERSP SOC 305 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 Note: SEC A1,B1 ETC RESTRICTED TO SOC, P S A MAJORS ONLY. SEC A2,B2 ETC FOR ALL OTHER MAJORS.
 6355005 A1 MWF 9:00-9:50 HARROD W
 MEETS: JAN 13-MAY 9
 6355010 A2 MWF 9:00-9:50 HARROD W
 MEETS: JAN 13-MAY 9
 6355015 B1 MWF 10:00-10:50 HARROD W
 MEETS: JAN 13-MAY 9
 6355020 B2 MWF 10:00-10:50 HARROD W
 MEETS: JAN 13-MAY 9

COMMUNITY SOC 310 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 6321005 A TR 9:30-10:50 PETERS D
 MEETS: JAN 13-MAY 9

TRANSITION IN AGRIC SOC 325 3 CREDITS
 Prereq: SOC 130 OR SOC 134 OR PERMISSION OF INSTRUCTOR
 6322005 TR 12:40-2:00 BAIN C
 MEETS: JAN 13-MAY 9

SEX&GENDER IN SOCIE SOC 327 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 Note: SEC A1 RESTRICTED TO SOC, P S A, W S.
 SEC A2 FOR MAJORS OTHER THAN SOC, P S A, W S.
 Meets U.S. diversity reqmt
 6356005 A1 T 4:10-7:00PM DOBRATZ B
 MEETS: JAN 13-MAY 9
 6356010 A2 T 4:10-7:00PM DOBRATZ B
 MEETS: JAN 13-MAY 9

MASCULINIT &MANHOOD SOC 328 3 CREDITS
 Prereq: SOC 130, SOC 134, OR W S 201
 Note: Meets U.S. diversity reqmt
 2242005 A1 MWF 11:00-11:50 BIRD S
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO SOC, W S MAJORS ONLY

ETHNIC&RACE RELATNS SOC 330 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 Note: SEC A1, B1 RESTRICTED TO SOC, P S A MAJORS ONLY.
 SEC A2, B2 FOR MAJORS OTHER THAN SOC, P S A.
 Meets U.S. diversity reqmt
 6352005 A1 TR 12:40-2:00 KUSOW A
 MEETS: JAN 13-MAY 9
 6352010 A2 TR 12:40-2:00 KUSOW A
 MEETS: JAN 13-MAY 9
 6352015 B1 TR 9:30-10:50 REGER R
 MEETS: JAN 13-MAY 9
 6352020 B2 TR 9:30-10:50 REGER R
 MEETS: JAN 13-MAY 9

SOC CLASS & INEQUAL SOC 331 3 CREDITS
 Prereq: SOC 130 OR SOC 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 PROKOS A
 MEETS: JAN 13-MAY 9
 6357010 A2 TR 11:00-12:20 PROKOS A
 MEETS: JAN 13-MAY 9
 6357015 B1 MWF 8:00-8:50 REGER R
 MEETS: JAN 13-MAY 9
 6357020 B2 MWF 8:00-8:50 REGER R
 MEETS: JAN 13-MAY 9

SOCIOLOGY (CONTINUED)

LATINO EXP IN U.S. SOC 332 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 Note: Meets U.S. diversity reqmt
 1669005 A TR 3:40-5:00 MALDONADO M
 MEETS: JAN 13-MAY 9

DEVIANT & CRIM BEHAV SOC 340 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 6358005 A TR 2:10-3:30 BEHNKEN M
 MEETS: JAN 13-MAY 9

CRIMINOLOGY SOC 341 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 4718005 A MWF 10:00-10:50 HOCHSTETLER A
 MEETS: JAN 13-MAY 9

GLB POV,RSC&SUS DEV SOC 348X 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 Note: Meets international perspectives reqmt
 9576005 A TR 11:00-12:20 MAZUR R
 MEETS: JAN 13-MAY 9
 9576600 XW ARRANGED MAZUR R
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

POLICE AND SOCIETY SOC 351 3 CREDITS
 Prereq: SOC 241 OR CJ ST 240
 7743005 TR 9:30-10:50 BRINKLEY J
 MEETS: JAN 13-MAY 9

PNISH,CORECTN&SOCIE SOC 352 3 CREDITS
 Prereq: SOC 241 OR CJ ST 240
 7760005 A TR 8:00-9:20 DRURY A
 MEETS: JAN 13-MAY 9

SMALL GROUP BEHAVR SOC 381 3 CREDITS
 Prereq: SOC 305 OR PSYCH 280
 6363005 A MWF 2:10-3:00 HARROD W
 MEETS: JAN 13-MAY 9

ENVIRONMENTL SOCIOL SOC 382 3 CREDITS
 Prereq: SOC 130, SOC 134 OR 3 CREDITS OF ENV S
 Note: SEC A1 RESTRICTED TO SOC, P S A MAJORS ONLY
 SEC A2 FOR MAJORS OTHER THAN SOC, P S A
 7713005 A1 MWF 9:00-9:50 CARTER A
 MEETS: JAN 13-MAY 9
 7713010 A2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

CONTEM SOC THEORIES SOC 401 3 CREDITS
 Prereq: 9 CREDITS IN SOC
 Note: Available for nonmajor graduate credit
 6365005 A MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 6365010 B TR 12:40-2:00 KRIER D
 MEETS: JAN 13-MAY 9

WHITE-COLLAR CRIME SOC 402 3 CREDITS
 Prereq: SOC 241 OR CJ ST 240
 8478005 A MWF 11:00-11:50 HOCHSTETLER A
 MEETS: JAN 13-MAY 9

SOC CHNGE DEV CNTRI SOC 411 3 CREDITS
 Prereq: SOC 130 OR SOC 134 PLUS 3 CR IN SOC SCIENCES
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 6323005 A TR 2:10-3:30 MAZUR R
 MEETS: JAN 13-MAY 9

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 13-MAY 9

STRAT ENGAGE CMUNTY SOC 464 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6327005 A MWF 10:00-10:50 WELLS B
 MEETS: JAN 13-MAY 9

SOC OF THE FAMILY SOC 485 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6375005 A TR 12:40-2:00 STEWART S
 MEETS: JAN 13-MAY 9

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

SOCIOLOGY (CONTINUED)

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: SOC 401 OR SOC 505
 4924005 A R 6:10-9:00PM SAPP S
 MEETS: JAN 13-MAY 9

SOC SCI RES MTHDLGY SOC 511 3 CREDITS
 Prereq: SOC 302, STAT 401
 6379005 Al T 2:10-5:00 BESSER T
 MEETS: JAN 13-MAY 9
 Note: SEC A1 FOR SOC MAJORS ONLY
 6379010 A2 T 2:10-5:00 BESSER T
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN SOC

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 SOC 599B 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

STRUC EQUATN MODELS SOC 613 3 CREDITS
 Prereq: SOC 512 AND STAT 404, OR WITH INSTRUCTORS PERMISSION.
 6341005 A TR 2:10-3:30
 MEETS: JAN 13-MAY 9

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 13-MAY 9

COOPERATIVE EDUCATN S E 298 R CREDIT
 Prereq: PERMISSION OF DEPT AND CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE PROJCT MGT S E 329 3 CREDITS
 Prereq: COM S 309
 Note: Available for nonmajor graduate credit
 7377005 TR 11:00-12:15
 MEETS: JAN 13-MAY 9

SFTWR ARCHITC&DSIGN S E 339 3 CREDITS
 Prereq: S E 319
 Note: Available for nonmajor graduate credit
 7259005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

SOFTWR ENGR INTERN S E 397 R CREDIT
 Prereq: PERMISSION OF DEPT AND CAREER SERVICES
 7300005 ARRANGED
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN S E 398 R CREDIT
 Prereq: S E 298, PERMISSION OF DEPT & CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

FORML ASPCTS VERIFC S E 412 3 CREDITS
 Prereq: COM S 309, S E 319
 Note: Available for nonmajor graduate credit
 7257005 MW 4:10-5:30
 MEETS: JAN 13-MAY 9

SOFTWARE ENGINEERING (CONTINUED)

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 13-MAY 9

LG SC DTA ANLY SFTW S E 419X 4 CREDITS
 Prereq: CPR E 308 OR COM S 352; COM S 309
 9584005 A TR 9:30-10:50
 W 2:10-4:00
 MEETS: JAN 13-MAY 9
 9584010 B TR 9:30-10:50
 W 6:10-8:00PM
 MEETS: JAN 13-MAY 9

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: S E 329, COMPLETION OF 29 CREDITS IN THE
 S E CORE PROFESSIONAL PROGRAM, ENGL 314
 7366005 T 2:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 9

SR DSIGN PROJECT II S E 492 2 CREDITS
 Prereq: S E 491
 7371005 R 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 9

S E PORTFOLIO DEVEL S E 494 R CREDIT
 Prereq: CREDIT OR ENROLLMENT IN S E 491
 6467005 ARRANGED
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN S E 498 R CREDIT
 Prereq: S E 398, PERMISSION OF DEPT & CAREER
 SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH

ACCEL SPNISH REVIEW SPAN 97 0 CREDITS
 Prereq: TWO YEARS BUT LESS THAN THREE YEARS OF
 HIGH-SCHOOL SPANISH
 Note: DEVELOPMENTAL SPANISH FEE APPLIES. SEE
 HTTP://WWW.REGISTRAR.IASTATE.EDU/FEES/OTHFEE.SHTML
 FOR MORE INFORMATION ON THIS FEE.
 8246005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 8246010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

ELEMENTRY SPANISH I SPAN 101 4 CREDITS
 6473005 1 MTWR 2:10-3:00
 MEETS: JAN 13-MAY 9
 Note: Materials and equipment use fee \$25.00

ELEM SPANISH II SPAN 102 4 CREDITS
 Prereq: SPAN 101, SPAN 97 OR PLACEMENT BY
 DEPARTMENTAL EXAM
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
 SCHOOL SPAN MAY NOT ENROLL IN 102.
 Meets international perspectives reqmt
 6474005 1 MTWR 2:10-3:00
 MEETS: JAN 13-MAY 9
 6474010 2 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 2: HYBRID FORMAT
 6474015 3 MTWR 11:00-11:50
 MEETS: JAN 13-MAY 9
 6474020 4 MTWR 12:10-1:00
 MEETS: JAN 13-MAY 9

INTERMED SPANISH I SPAN 201 4 CREDITS
 Prereq: SPAN 102 OR PLACEMENT BY DEPARTMENTAL
 EXAM
 Note: Meets international perspectives reqmt
 6477005 1 MWR 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 9

INTERMED SPANISH II SPAN 202 4 CREDITS
 Prereq: SPAN 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 13-MAY 9
 6478010 2 TWR 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 2 HYBRID FORMAT
 6478015 3 TWR 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC 3 HYBRID FORMAT
 6478020 4 TWR 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 9
 6478025 5 TWR 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 13-MAY 9

SPANISH (CONTINUED)

INTERMED SPANISH II SPAN 202 4 CREDITS
 6478030 6 TWR 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 13-MAY 9

GRAMMAR & COMPOSITN SPAN 301 3 CREDITS
 Prereq: SPAN 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 13-MAY 9
 6479010 1B TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 6479015 2A MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 6479020 2B MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 6479025 3A MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 6479030 3B MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 6479035 4A TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 6479040 4B TR 11:00-12:20
 MEETS: JAN 13-MAY 9

CONVERS THRU CULTUR SPAN 303A 3 CREDITS
 Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL
 EXAM
 Note: SEC. 1A, 2A ECT. RESTRICTED TO SPAN MAJORS ONLY.
 SEC. 1B, 2B ETC. FOR MAJORS OTHER THAN SPAN.
 Meets international perspectives reqmt
 6142005 1A MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 6142010 1B MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 6142015 2A MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 6142020 2B MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 6142025 3A TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 6142030 3B TR 12:40-2:00
 MEETS: JAN 13-MAY 9

CONVERS FOR PROFSNL SPAN 303B 3 CREDITS
 Prereq: SPAN 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 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 6160010 1B TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 6160015 2A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 6160020 2B MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

SPAN FOR BUSINS&PRO SPAN 304 3 CREDITS
 Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL
 EXAM; SPAN 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 13-MAY 9
 6482010 1B TR 9:30-10:50
 MEETS: JAN 13-MAY 9

INTRO READ HISPANIC SPAN 314 3 CREDITS
 Prereq: SPAN 301
 Note: Meets international perspectives reqmt
 8894005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

SPANISH CIVILIZATN SPAN 321 3 CREDITS
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL
 Note: Meets international perspectives reqmt
 6483005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

LATIN AMERICA TODAY SPAN 324 3 CREDITS
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL
 Note: Meets international perspectives reqmt
 4100005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 4100600 XW ARRANGED RIZO E
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

SPANISH

(CONTINUED)

LATN AM LIT TO 1900 SPAN 332 3 CREDITS
 Prereq: SPAN 314
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 6487005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

INTR SPAN/ENG TRNSL SPAN 351 3 CREDITS
 Prereq: SPAN 301, SPAN 303 OR SPAN 304
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 5071600 XW ARRANGED LEONARD K
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

INTR SPANSH PHONOLG SPAN 352 3 CREDITS
 Prereq: SPAN 301, SPAN 303 OR SPAN 304
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 3382005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 3382600 XW ARRANGED LEONARD K
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

SEM LIT&CULTR SPAIN SPAN 440 3 CREDITS
 Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333
 (RECOMMEND SPAN 330 & SPAN 331)
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 7688005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

SEM LIT&CUL LATN AM SPAN 445 3 CREDITS
 Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333
 (RECOMMEND SPAN 332 & SPAN 333)
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 6496005 1A TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO SPAN MAJORS ONLY.
 6496010 1B TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: SECT 1B FOR MAJORS OTHER THAN SPAN.

HISPANC DIALECTOLGY SPAN 463 3 CREDITS
 Prereq: SPAN 352
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 8900005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY SPAN 490 1- 6 CREDITS
 Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED
 TOWARD GRADUATION.
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSION
 OF ADVISER AND WORLD LANGUAGES AND CULTURES
 INTERNSHIP COORDINATOR
 Note: NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE
 APPLIED TOWARD GRADUATION IN THE MAJOR
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM LIT&CUL LATN AM SPAN 545 3 CREDITS
 Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT
 400 LEVEL
 Note: TOPIC: THE AFRICAN DIASPORA IN LATIN AMERICAN
 AND SPAIN
 7468005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

SPECIAL EDUCATION

EXCEPTIONAL LEARNER SP ED 250 3 CREDITS
 Prereq: C I 204
 Note: Meets U.S. diversity reqmt
 Department permission required 1st week.
 6452005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

ASESS INCLUSV CLSRM SP ED 355 2 CREDITS
 Prereq: C I 433, C I 439, C I 468I;
 CONCURRENT ENROLLMENT IN SP ED 455
 Note: CONCURRENT ENROLLMENT IN C I 433, 439, 468G,
 SP ED 455. REGISTER FOR THE SAME SECTION NUMBERS.
 4385005 1 MW 11:00-12:15
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS FEB 18-MARCH 15

SPECIAL EDUCATION

(CONTINUED)

CLSRM ASSESMT SP ED SP ED 365 3 CREDITS
 Prereq: SP ED 330; C I 377
 Note: Department permission required 1st week.
 6454005 1 W 2:10-5:00
 MEETS: JAN 13-MAY 9

TCHG IN INCLUSV SET SP ED 368 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN C I 377,
 C I 438, C I 468F, C I 468G
 Note: CONCURRENT ENROLLMENT IN C I 377
 4085005 W 8:00-9:15
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS MARCH 25-APRIL 19

TCH SCDRY EXCEP GEN SP ED 401 3 CREDITS
 5059005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

SUPV STUDENT TEACHG SP ED 416 VAR. CREDITS
 Prereq: FULL ADMISSION TO TEACHER EDUC, SENIOR
 CLASSIFICATION, MAJOR IN ELEMENTARY EDUC, SP ED 330,
 SP ED 334, SP ED 365, SP ED 436, SP ED 439,
 C I 280I, C I 452
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 OFFERED FOR 8 CREDITS SPRING 2013
 Department permission required 1st week.
 3286005 1A ARRANGED
 MEETS: JAN 13-MARCH 7
 3286015 1R ARRANGED
 MEETS: JAN 13-MARCH 7
 3286010 2A ARRANGED
 MEETS: MARCH 10-MAY 9
 3286020 2R ARRANGED
 MEETS: MARCH 10-MAY 9

INST MTHD M/MO DSAB SP ED 436 3 CREDITS
 Prereq: C I 245, CONCURRENT ENROLLMENT IN SP ED
 365
 1884005 M 2:10-5:00
 MEETS: JAN 13-MAY 9

INSTR MTH INCLU PRI SP ED 455 2 CREDITS
 Prereq: C I 433, C I 439, C I 468I, CONCURRENT
 ENROLLMENT SP ED 355
 6848005 1 MW 12:30-1:45
 MEETS: JAN 13-MAY 9
 Note: NO MEETINGS FEB 17-MARCH 14

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

EVID-BS PRAC BHV DS SP ED 530 3 CREDITS
 Prereq: SP ED 511, SP ED 515
 Note: SAT MEETINGS 1/18, 5/3
 2638005 1 W 5:10-8:00PM
 S 9:00-2:00
 MEETS: JAN 13-MAY 9
 2638600 XE W 5:10-8:00PM SMITH C
 S 9:00-2:00
 MEETS: JAN 15-MAY 5
 Note: CLASS WILL MEET ON WEDNESDAYS FROM
 5:10 PM-8:00 PM VIA VIDEO STREAMING OR FACE-TO-FACE.
 TWO REQUIRED SATURDAY MEETINGS FACE-TO-FACE FROM
 9:00 AM-2:00 PM ON JANUARY 18 AND MAY 3.
 Section XE is off campus
 Course delivery is Videostreaming
 Secondary delivery is On-site instruction
 Taught at, in or by AMES

EVID-BS PRAC LRN DS SP ED 540 3 CREDITS
 Prereq: SP ED 511, SP ED 515
 Note: SAT MEETINGS 3/8, 4/26
 2642005 1 M 5:10-8:00PM
 S 9:00-2:00
 MEETS: JAN 13-MAY 9
 2642600 XE M 5:10-8:00PM LIND L
 S 9:00-2:00
 MEETS: JAN 13-MAY 5
 Note: CLASS WILL MEET VIA VIDEO STREAMING ON
 MONDAYS 5:10-8:00 PM ON JAN 13, 27; FEB 3, 10, 17, 24
 MARCH 3, 10, 24; AND APRIL 21, 28. THERE ARE TWO
 REQUIRED FACE-TO-FACE MEETINGS ON STATURDAYS FROM
 9:00 AM-2:00 PM ON MARCH 8 AND APRIL 26.
 Section XE is off campus
 Course delivery is Videostreaming
 Secondary delivery is On-site instruction
 Taught at, in or by AMES

SPECIAL TOPICS SP ED 590 1- 5 CREDITS
 Prereq: 15 CRS IN EDUC; PERMISSION OF DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL EDUCATION (CONTINUED)

FLD EXP DISABLT,K-8 SP ED 591G 1- 6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

FLD EXP DISABL,5-12 SP ED 591H 1- 6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

FLD EXP BHV/DS,5-21 SP ED 591K 1- 6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SP ED 599 1- 5 CREDITS
 Prereq: 15 CREDITS IN EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SP ED 699 VAR. CREDITS
 Prereq: 15 CREDITS IN EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

SPEECH COMMUNICATION

LISTENING SP CM 110 3 CREDITS
 6418005 A MWF 12:10-1:00 RINGLEE C
 MEETS: JAN 13-MAY 9

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 13-MAY 9

8643025 2 MWF 9:00-9:50
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643030 3 MWF 10:00-10:50
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643035 4 MWF 10:00-10:50
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643040 5 MWF 11:00-11:50
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643045 6 MWF 12:10-1:00
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643050 7 MWF 12:10-1:00
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643055 8 MWF 1:10-2:00
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643060 9 MWF 1:10-2:00
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643065 10 MWF 1:10-2:00
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643070 11 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643075 12 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643080 13 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643085 14 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643090 15 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643095 16 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

8643100 17 MWF 10:00-10:50
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8643015 18 MWF 1:10-2:00
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8643110 19 MWF 11:00-11:50
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8643115 20 MWF 11:00-11:50
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8643120 21 MWF 12:10-1:00
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8643125 22 MWF 12:10-1:00
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8643130 23 MWF 12:10-1:00
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

SPEECH COMMUNICATION (CONTINUED)

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 8643135 24 MWF 1:10-2:00
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8643140 25 MWF 1:10-2:00
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8643145 26 MWF 3:10-4:00
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8643150 27 MWF 3:10-4:00
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8643155 28 MWF 3:10-4:00
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8643160 29 MWF 3:10-4:00
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8643165 30 MWF 3:10-4:00
 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

8643170 31 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

8643175 32 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9

8643180 33 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

Note: SEC 33 RESTRICTED TO SENIORS ONLY
 8643185 34 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

Note: SEC 34 RESTRICTED TO SENIORS ONLY.
 8643190 35 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 Note: SEC 35 RESTRICTED TO SENIORS ONLY.

HONORS PUBLIC SPEAK SP CM 212H 3 CREDITS
 Prereq: MEMBERSHIP IN THE UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.

8819005 MWF 12:10-1:00 OLES-ACEVEDO D
 MEETS: JAN 13-MAY 9

INTERCOLLEG DEBATE SP CM 223 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 ARRANGED

6424005 MEETS: JAN 13-MAY 9
 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: SP CM 212
 Note: SEC A1,B1 RESTRICTED TO SP CM MAJORS ONLY.
 SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN SP CM.

6429005 A1 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

6429010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

6429015 B1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

6429020 B2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

GENDER & COMMUNICTN SP CM 323 3 CREDITS

Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit

2640005 A MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

2640010 B MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

2640015 C MW 2:10-4:30
 MEETS: MARCH 10-MAY 9

LEGAL COMMUNICATION SP CM 324 3 CREDITS

Prereq: SP CM 212
 Note: Available for nonmajor graduate credit

6190005 MW 5:10-6:20PM
 MEETS: JAN 13-MAY 9

PERSUASION SP CM 327 3 CREDITS

Prereq: SP CM 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 CROSBY R
 MEETS: JAN 13-MAY 9

6437010 A2 TR 9:30-10:50 CROSBY R
 MEETS: JAN 13-MAY 9

SPEECH COMMUNICATION (CONTINUED)

RHETORICAL TRADITNS SP CM 350 3 CREDITS
 Prereq: ENGL 250
 3005005 A1 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3005010 A2 TR 2:10-3:30
 MEETS: JAN 13-MAY 9
 Note: SEC. A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

HIST AM PBLC ADDRSS SP CM 416 3 CREDITS
 Prereq: SP CM 212
 Note: Available for nonmajor graduate credit
 6440005 MW 3:30-4:50 SLAGELL A
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 Note: Instructor permission required.

CAPSTONE SEMINAR SP CM 497 3 CREDITS
 Prereq: 15 CR IN SP CM; JR OR SR CLASSIFICATION
 Note: FOR IRC SENIORS ONLY
 8572005 TR 2:10-3:30 CROSBY R
 MEETS: JAN 13-MAY 9

COMMUNIC INTERNSHIP SP CM 499 1- 3 CREDITS
 Prereq: 18 CR IN SP CM COURSES, OTHER COURSES
 ADVISER DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR
 STANDING; CUM GPA OF AT LEAST 2.5 OVERALL & 3.0
 IN SP CM; PERMISSION OF THE INTERNSHIP COMMITTEE
 Note: NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD
 THE 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: PERMISSION OF PROGRAM CHAIR
 2093005 ARRANGED
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS SP CM 590 1- 4 CREDITS
 Prereq: PERMISSION OF PROGRAM CHAIR
 Note: NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE
 MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM
 590 MAY BE APPLIED TOWARD THE MINOR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

STDI CULTURL RHETRC SP CM 592D 3 CREDITS
 Prereq: 12 CREDITS IN RHETORIC, LINGUISTICS, OR
 LITERATURE, EXCLUDING ENGL 150 AND ENGL 250
 3319005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9

STATISTICS

PRIN OF STATISTICS STAT 101 4 CREDITS
 Prereq: ONE AND A HALF YRS OF H S ALGEBRA
 Note: COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: STAT 101, STAT 104,
 STAT 105, STAT 201, STAT 226.
 6502005 A MWF 9:00-9:50
 M 12:10-2:00
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

6502010 B MWF 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

6502015 C MWF 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

6502020 D MWF 10:00-10:50
 T 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

6502025 E MWF 11:00-11:50
 W 12:10-2:00
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

6502030 F MWF 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

6502035 G MWF 3:10-4:00
 R 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

6502040 H MWF 3:10-4:00
 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

STATISTICS (CONTINUED)

PRIN OF STATISTICS STAT 101 4 CREDITS
 6502045 J MWF 2:10-3:00
 T 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

6502050 K MWF 2:10-3:00
 T 12:10-2:00
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

6502055 L MWF 1:10-2:00
 W 8:00-9:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

6502060 M MWF 1:10-2:00
 W 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

6502065 N MWF 8:00-8:50
 T 8:00-9:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

6502070 P MWF 8:00-8:50
 R 8:00-9:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.

INTRO TO STATISTICS STAT 104 3 CREDITS
 Prereq: 1 & 1/2 YRS OF H S ALGEBRA
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: STAT 101, STAT 104,
 STAT 105, STAT 201, 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 13-MAY 9

6503010 B TR 2:10-3:00
 F 2:10-4:00
 MEETS: JAN 13-MAY 9

6503015 C TR 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 13-MAY 9

6503020 D TR 8:00-8:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 9

6503025 E MW 8:00-8:50
 R 12:10-2:00
 MEETS: JAN 13-MAY 9

6503030 F MW 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 13-MAY 9

INTRO STAT FOR ENGR STAT 105 3 CREDITS
 Prereq: MATH 165 (OR MATH 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 201,
 STAT 226.

6504005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9

6504010 B TR 8:00-9:20
 MEETS: JAN 13-MAY 9

INTR STAT CNCPT&MTH STAT 201 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 165
 4709005 MWF 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 13-MAY 9

INTR BUSINES STAT I STAT 226 3 CREDITS
 Prereq: MATH 150 OR MATH 165
 Note: COURSE RESTRICTED TO ACCT, AG B, BUS S, BUSAD,
 BUSEC, BUS U, ECON, FIN, I BUS, LOMIS, MGMT, MIS,
 MKT, P BUS, SCM MAJORS ONLY. CREDIT FOR ONLY ONE
 OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION:
 STAT 226, STAT 101, STAT 104, STAT 105, STAT 201.

3975005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9

3975010 B TR 9:30-10:50
 MEETS: JAN 13-MAY 9

3975015 C TR 2:10-3:30
 MEETS: JAN 13-MAY 9

3975020 D TR 2:10-3:30
 MEETS: JAN 13-MAY 9

3975025 E TR 3:40-5:00
 MEETS: JAN 13-MAY 9

3975030 F TR 8:00-9:20
 MEETS: JAN 13-MAY 9

3975035 G TR 8:00-9:20
 MEETS: JAN 13-MAY 9

PROB&INFERNC, ENGRS STAT 231 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 265
 Note: Instructor permission required 1st week.

6507005 A MTRF 12:10-1:00
 MEETS: JAN 13-MAY 9

6507010 B MTRF 12:10-1:00
 MEETS: JAN 13-MAY 9

STATISTICS

(CONTINUED)

INTMD STT CNCPT&MTH STAT 301 4 CREDITS
 Prereq: STAT 101 OR STAT 104 OR STAT 105 OR
 STAT 201
 4710005 MWF 1:10-2:00
 T 2:10-4:00
 MEETS: JAN 13-MAY 9

ENGINEERING STAT STAT 305 3 CREDITS
 Prereq: MATH 165 (OR MATH 165H)
 Note: CREDIT FOR EITHER STAT 105 OR STAT 305,
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 RESTRICTED TO ENGR COLLEGE MAJORS AND MTEOR, PHYS,
 PHYSA, COM S, P CS MAJORS ONLY.
 6509005 A TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.
 6509010 B TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.
 6509015 C TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.
 6509020 D TR 12:40-2:00
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.
 6509025 E TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.
 Course delivery is WWW
 6509030 F ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required 1st week.
 Course delivery is WWW
 6509600 XW ARRANGED GHOSH A
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

PROBAB MTH,ELEC ENG STAT 322 3 CREDITS
 Prereq: E E 224
 6857005 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

INTR BUSINS STAT II STAT 326 3 CREDITS
 Prereq: STAT 226
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).
 6510005 A MW 10:00-10:50
 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9
 6510010 B MW 10:00-10:50
 R 2:10-4:00
 MEETS: JAN 13-MAY 9
 6510015 C MW 10:00-10:50
 R 12:10-2:00
 MEETS: JAN 13-MAY 9
 6510020 D MW 10:00-10:50
 F 12:10-2:00
 MEETS: JAN 13-MAY 9
 6510025 E MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 9
 6510030 F MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 13-MAY 9
 6510035 G MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 13-MAY 9
 6510040 J MW 1:10-2:00
 F 8:00-9:50
 MEETS: JAN 13-MAY 9
 6510045 K MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 13-MAY 9

PROBAB&STAT COM SCI STAT 330 3 CREDITS
 Prereq: MATH 166
 Note: Available for nonmajor graduate credit
 7372005 A MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 7372010 B MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

INTR THY PROBAB&S I STAT 341 3 CREDITS
 Prereq: MATH 265 (OR MATH 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 13-MAY 9

INTR THY PR&STAT II STAT 342 3 CREDITS
 Prereq: STAT 341; MATH 307 OR MATH 317
 6512005 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

STATISTICS

(CONTINUED)

STAT QUALITY ASSURN STAT 361 3 CREDITS
 Prereq: STAT 231 OR STAT 401
 Note: Available for nonmajor graduate credit
 6513005 A T 3:40-5:30, ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO THE MAJORS ONLY
 6513010 B T 3:40-5:30, ARRANGED
 MEETS: JAN 13-MAY 9
 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 13-MAY 9

STAT METH FOR RSRCH STAT 401 4 CREDITS
 Prereq: STAT 101 OR STAT 104 OR STAT 105
 OR STAT 201 OR STAT 226
 Note: CREDIT FOR EITHER STAT 301 OR STAT 401, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY
 BE APPLIED TOWARD GRADUATION BY DIETETICS STUDENTS:
 DIET 554, STAT 401, STAT 495, STAT 542.
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 6514005 A MWF 9:00-9:50
 T 12:10-2:00
 MEETS: JAN 13-MAY 9
 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, GDCEB, GDCBS,
 GENET, HHP, IMBIO, MCDB, NEURO, NS H, NUTR, P PHY,
 PDEXH, PLBIO, SUSAG, TOX, ZLGNS
 Instructor permission required 1st week.
 6514010 B TR 11:00-12:20
 F 2:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR SOCIAL SCIENCES, PSYCH AND HD FS
 MAJORS
 Instructor permission required 1st week.
 6514015 C T 7:00-9:50PM
 R 7:00-8:50PM
 MEETS: JAN 13-MAY 9
 Note: SEC C FOR TO POL S, EDUC, HD FS, PSYCH,
 SOC, INTST, INDIS MAJORS
 Instructor permission required 1st week.
 6514020 D MWF 1:10-2:00
 T 10:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC D FOR ENGINEERING, PHYSICAL SCIENCES
 UNDERGRADS.
 Instructor permission required 1st week.
 6514600 XW ARRANGED SHELLEY M
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

STAT DESIGN&EXPERMT STAT 402 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 Available for nonmajor graduate credit
 6515005 A MWF 8:00-8:50
 MEETS: JAN 13-MAY 9
 Note: SEC A RESTRICTED TO A E, A B E, BBMA, BBMS,
 DIETH, EEOB, EEOBS, FSHNH, FS H, GENET, IMBIO, NEURO,
 NUTR, MCDB, NEURO, ZLGNS, P PHY, PLBIO, AG COLLEGE
 AND VET COLLEGE MAJORS ONLY.
 6515010 B MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC B FOR PHYS SCIENCES, MATH, ENGR,
 UNDERGRADS
 6515015 C MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC C FOR HD FS, H SCI, POL S, PSYCH AND SOC
 MAJORS ONLY.
 6515600 XW ARRANGED WU H
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

REGRES SOC&BHAV RES STAT 404 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 Note: Available for nonmajor graduate credit
 6517005 TR 11:00-11:50
 F 2:10-4:00
 MEETS: JAN 13-MAY 9

ST MTH SPATIAL DATA STAT 406 3 CREDITS
 Prereq: 6 HOURS OF STAT AT THE 400-LEVEL
 Note: Available for nonmajor graduate credit
 4015005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

DSGN GENE EXPRS EXP STAT 416 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 Note: Available for nonmajor graduate credit
 8574005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

STATISTICS

(CONTINUED)

STATISTICS

(CONTINUED)

SURVEY SAMPL TECHNQ STAT 421 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 Note: Available for nonmajor graduate credit
 6520005 TR 8:30-9:20
 R 12:10-2:00
 MEETS: JAN 13-MAY 9

STAT THEORY FOR RES STAT 447 4 CREDITS
 Prereq: MATH 151 AND INSTR PERMISSN, 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 TR 12:40-2:00
 W 1:10-2:00
 MEETS: JAN 13-MAY 9

APPLIED TIME SERIES STAT 451 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 6524005 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9

STAT COMPUTING APPL STAT 480 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 Note: Available for nonmajor graduate credit
 6525005 TR 9:30-10:50
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY STAT 490 VAR. CREDITS
 Prereq: 10 CREDITS IN STATISTICS
 Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS STAT 490H VAR. CREDITS
 Prereq: 10 CR IN STAT, MEMBERSHIP IN HONORS PROG
 Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MULTIVAR STAT METHD STAT 501 3 CREDITS
 Prereq: STAT 500 OR STAT 402; STAT 447 OR
 STAT 542; STAT 579 OR EQUIVALENT; KNOWLEDGE OF
 MATRIX ALGEBRA
 6530005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 9
 6530010 2 TR 9:30-10:50
 MEETS: JAN 13-MAY 9
 6530600 XW ARRANGED KOEHLER K
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

ST MTH SPATIAL DATA STAT 506 3 CREDITS
 Prereq: STAT 447 OR STAT 542
 4078005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

STATISTCL MTHODS II STAT 510 3 CREDITS
 Prereq: STAT 500; STAT 447 OR CREDIT OR
 ENROLLMENT IN STAT 543
 4867005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 4867600 XW ARRANGED NETTLETON D
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

THY&APP SAMPLE SURV STAT 521 3 CREDITS
 Prereq: STAT 401; STAT 447 OR STAT 542
 6535005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

RELIABILITY STAT 533 3 CREDITS
 Prereq: STAT 342 OR STAT 432 OR STAT 447
 6538005 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 6538600 XW ARRANGED MEEKER W
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

THRY PROBAB&STAT II STAT 543 3 CREDITS
 Prereq: STAT 542
 6547005 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

BAYESIAN STATISTICS STAT 544 3 CREDITS
 Prereq: STAT 543
 6548005 TR 8:00-9:20
 MEETS: JAN 13-MAY 9
 6548600 XW ARRANGED NIEMI J
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

FUNCTNL DATA ANALYS STAT 547X 3 CREDITS
 Prereq: STAT 543, STAT 511
 9457005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

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 13-MAY 9

COMP FUNC GENOM&BIO STAT 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
 OR COM S 228, GEN 411, STAT 430
 5074005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

STATISTCL COMPUTING STAT 580 3 CREDITS
 Prereq: STAT 579; STAT 447 OR STAT 542
 6553005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

DATA TECNOL ST ANLY STAT 585X 3 CREDITS
 Prereq: STAT 579
 9572005 MF 7:10-10:00PM
 W 9:00-10:50
 MEETS: JAN 13-MAY 9
 9572600 XW ARRANGED HOFMANN H
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

SPECL TOPICS THEORY STAT 590A VAR. CREDITS
 6554005 ARRANGED
 MEETS: JAN 13-MAY 9

SPCL TOPICS METHODS STAT 590B VAR. CREDITS
 6555005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOP DESGN EXPER STAT 590C VAR. CREDITS
 6556005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOP SAMP SURVEY STAT 590D VAR. CREDITS
 6557005 ARRANGED
 MEETS: JAN 13-MAY 9

SPL TOPCS STAT EDUC STAT 590E VAR. CREDITS
 8521005 ARRANGED
 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN STAT 598 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT CHAIR
 4153002 ARRANGED
 MEETS: JAN 13-MAY 9

CREATIVE COMPONENT STAT 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV STATISTC METHDS STAT 601 3 CREDITS
 Prereq: STAT 520, STAT 543 AND MATH 414 OR
 ENROLLMENT IN STAT 641
 6559005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

ADV EXPERIMENT DSGN STAT 612 3 CREDITS
 Prereq: STAT 512
 6562005 TR 12:30-2:00
 MEETS: JAN 13-MAY 9

ADV PROBABILITY THRY STAT 642 3 CREDITS
 Prereq: STAT 641, OR STAT 543 AND MATH 515
 6565005 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

ADV STOCHAST PROCES STAT 645 3 CREDITS
 3767005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

SEMNAR THEORY S&PRB STAT 648 VAR. CREDITS
 Prereq: STAT 543
 6569005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV SPL TOPC THEORY STAT 690A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6851005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV SPL TOP METHODS STAT 690B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: TOPIC: MODERN STATISTICAL LEARNING II
 OFFERED FOR 1 CREDIT SPRING 2013
 6852005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 6852010 2 ARRANGED
 MEETS: JAN 13-MAY 9

STATISTICS (CONTINUED)

ADV TOP DSIGN EXPER STAT 690C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6854005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV TOP SAMP SURVEY STAT 690D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6855005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV TOP STAT COMPUT STAT 690E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1709005 ARRANGED
 MEETS: JAN 13-MAY 9

ADV TOPICS GRAPHICS STAT 690F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3189005 ARRANGED
 MEETS: JAN 13-MAY 9

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

SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
 Prereq: ECON 101, STAT 226
 Note: SEC A1,B1,ECT RESTRICTED TO ACCT, AG B, AST, BUS S, BUS U, BUSEC, I TEC, FIN, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM. SEC A2,B2,ECT FOR COLLEGES SEC A2,B2,ECT FOR COLLEGES OTHER THAN BUSINESS, AG B, AST. CONCURRENT ENROLLMENT OR PRIOR CREDIT IN FIN 301 IS RECOMMENDED FOR THIS BLOCK. NEXT SEMESTERS ENROLLMENT BLOCK INCLUDES MGMT 370 & MKT 340
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

1629005 A1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9

1629010 A2 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9

1629015 B1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

1629020 B2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

1629025 C1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

1629030 C2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

1629035 D1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

1629040 D2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

1629045 E1 TR 2:10-3:25
 MEETS: JAN 13-MAY 9

1629050 E2 TR 2:10-3:25
 MEETS: JAN 13-MAY 9

1629055 F1 W 6:40-9:25PM
 MEETS: JAN 13-MAY 9

1629060 F2 W 6:40-9:25PM
 MEETS: JAN 13-MAY 9

1629065 G1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

1629070 G2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

1629075 J1 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 9

1629080 J2 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 9

1629085 K1 TR 6:40-7:55PM
 MEETS: JAN 13-MAY 9

1629090 K2 TR 6:40-7:55PM
 MEETS: JAN 13-MAY 9

MFG PLANNING&CONTRL SCM 422 3 CREDITS
 Prereq: SCM 301
 Note: GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit

6818005 A1 T 6:40-9:25PM
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO OSCM, SCM UNDERGRAD STUDENTS ONLY.

6818010 A2 T 6:40-9:25PM
 MEETS: JAN 13-MAY 9
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, I BUS, BUSEC, FIN, MGMT, MIS, MKT, LSCM, UNDERGRAD STUDENTS ONLY.

PROCSS MGT,AN&IMPRV SCM 424 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, I BUS, MGMT, MIS, MKT, OSCM, LSCM, SCM UNDERGRAD MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit

5287005 A TR 2:10-3:30
 MEETS: JAN 13-MAY 9

SUPPLY CHAIN MANAGEMENT (CONTINUED)

PROJECT MANAGEMENT SCM 437 3 CREDITS
 Note: SEC A1,B1 RESTRICTED TO MIS MAJORS ONLY
 SEC A2,B2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN, LSCM, MGMT, MKT, OSCM, SCM MAJORS ONLY.
 GRADUATE SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit

5244005 A1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

5244010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

5244015 B1 TR 3:40-5:00
 MEETS: JAN 13-MAY 9

5244020 B2 TR 3:40-5:00
 MEETS: JAN 13-MAY 9

ERP SYS&SUPPLY CHAIN SCM 450 3 CREDITS
 Prereq: SCM 301, MIS 330 OR I E 148, I E 341
 Note: Available for nonmajor graduate credit

8120005 A1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

8120010 A2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO SCM UNDERGRADS ONLY
 Note: SEC A2 COLLEGE OF BUSINESS MAJORS EXCLUDING P BUS

DECISN TOOLS LOG&OP SCM 460 3 CREDITS
 Prereq: SCM 301
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit

6790005 A1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

6790010 A2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO LSCM, SCM MAJORS ONLY

67901010 A2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, MIS, MKT AND OSCM MAJORS ONLY.
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

PRIN TRANSPORTATION SCM 461 3 CREDITS
 Prereq: SCM 301
 Note: GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Available for nonmajor graduate credit

6791005 A1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9

6791010 A2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO LSCM, SCM UNDERGRADS ONLY

6791010 A2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, MIS, MKT AND OSCM MAJORS ONLY.

INT'L TRANSPORT&LOG SCM 466 3 CREDITS
 Prereq: SCM 301
 Note: SEC A1 RESTRICTED TO I BUS, LSCM, SCM MAJORS ONLY. SEC A2 FOR MAJORS OTHER THAN I BUS, LSCM, SCM
 Available for nonmajor graduate credit

6793005 A1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

6793010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

DEMAND PLANNING&MGT SCM 485 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO BUSINESS COLLEGE MAJORS ONLY EXCEPT P BUS. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION
 Available for nonmajor graduate credit

1069005 A TR 3:40-5:00
 MEETS: JAN 13-MAY 9

PRIN PRCHS&SPLY MGT SCM 486 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, I BUS, LSCM, MGMT, MIS, MKT, OSCM, SCM MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION
 Available for nonmajor graduate credit

4788005 A TR 9:30-10:50
 MEETS: JAN 13-MAY 9

4788010 B TR 8:00-9:15
 MEETS: JAN 13-MAY 9

STRTGC SPLY CHN MGT SCM 487 3 CREDITS
 Prereq: SCM 460 OR SCM 422 OR SCM 424; SCM 485 OR SCM 486
 Note: COURSE RESTRICTED TO LSCM, OSCM, SCM GRADUATING SENIORS S14. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION
 Available for nonmajor graduate credit

3085005 A TR 11:00-12:15
 MEETS: JAN 13-MAY 9

3085010 B TR 9:30-10:45
 MEETS: JAN 13-MAY 9

SUPPLY CHAIN MANAGEMENT (CONTINUED)

INDEPENDENT STUDY SCM 490 1- 3 CREDITS
 Prereq: SCM 301, SENIOR CLASSIFICATN, INSTRUCTOR PERMISSION
 Note: COURSE NOT OPEN TO P BUS MAJORS
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPPLY CHAIN MGMT SCM 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
 9391005 A T 8:30-11:50
 MEETS: JAN 14-APRIL 8
 9391600 XA T 5:50-9:10PM BLACKHURST J
 MEETS: JAN 14-APRIL 8
 Note: NON BUSINESS GRADUATE STUDENTS CONTACT
 BUSGRAD@IASTATE.EDU.
 Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by DES MOINES

S CH PLAN&CNTRL SYS SCM 522 3 CREDITS
 Prereq: SCM 501 OR PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7186005 A W 6:00-9:20PM
 MEETS: JAN 15-APRIL 9

STRATG PRCESS ANALY SCM 524 3 CREDITS
 Prereq: SCM 501 OR PERMISSION OF INSTRUCTOR
 8590005 A T 6:00-9:20PM
 MEETS: JAN 14-APRIL 8
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8590600 XE ARRANGED CLOTTEY T
 MEETS: JAN 14-APRIL 8
 Note: RESTRICTED TO IMSE MAJORS ONLY.
 Section XE is off campus
 Course delivery is WWW

SPECIAL TOPICS SCM 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINR IN PURCHASNG SCM 603 3 CREDITS
 Prereq: SCM 601 OR CONCURRENT ENROLLMENT
 8039005 A T 1:10-4:00
 MEETS: JAN 13-MAY 9

SUSTAINABLE AGRICULTURE

AGROFORESTRY SYSTMS SUSAG 571 3 CREDITS
 Prereq: 6 CR IN BIOL SCI AT 300-LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 5077005 TR 2:10-3:00
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Field trips & travel fee \$40.00

SPECIAL TOPICS SUSAG 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SUSTAINB AG COLLOQU SUSAG 600 1 CREDIT
 5035005 W 3:10-5:00
 MEETS: JAN 13-MAY 9
 Section info: <http://www.sust.ag.iastate.edu/gpsa/courses/susag600/homepage.html>

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

TECHNOLOGY & SOCIAL CHANGE

GLOBLIZTN &SUSTAINB T SC 220 3 CREDITS
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT
 TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 3640005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 5256010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 13-MAY 9
 Note: SEC. 2 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 5256015 3 TR 2:10-3:30 ZDORKOWSKI G
 MEETS: JAN 13-MAY 9
 5256020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 13-MAY 9
 Note: SEC. 4 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 5256600 XW ARRANGED FORD C
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

TECHNOLOGY & SOCIAL CHANGE (CONTINUED)

WORLD FOOD ISSUES T SC 342 3 CREDITS
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

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 MWF 2:10-3:00 TSOU J
 MEETS: JAN 13-MAY 9
 5211010 B MWF 12:10-1:00 DE LAPLANTE K
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY T SC 490 VAR. CREDITS
 Prereq: T SC 341, PERMISSION OF INSTRUCTR & T SC COORDINATOR
 Note: Permission of coordinator required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCH&SOC CHG T SC 590 VAR. CREDITS
 Prereq: T SC 541, PERMISSN OF INSTRUCTOR & T SC COORDINATOR
 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 KERNS T
 MEETS: JAN 13-MAY 9
 8507010 B W 10:00-11:50
 MEETS: JAN 13-MAY 9
 8507015 C F 10:00-11:50 KERNS T
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 Note: SEC A RESTRICTED TO AST, I TEC MAJORS ONLY.
 1358010 B TR 3:40-5:40
 MEETS: JAN 13-MAY 9
 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 13-MAY 9

SMNR:PREP FOR WRKPL TSM 201 1 CREDIT
 Prereq: SOPH CLASSIF IN A E, AST, BSE, OR I TEC
 1384005 A MW 4:10-5:00
 MEETS: JAN 13-MARCH 7

FUND OF TECHNOLOGY TSM 210 3 CREDITS
 Prereq: TSM 115 OR EQUIVALENT, MATH 140 OR HIGHER
 1359005 A1 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO A B E, AST AND I TEC MAJORS
 1359010 A2 TR 3:40-5:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN A B E, AST OR I TEC

ADV TECH GRPHCS&CAD TSM 216 3 CREDITS
 Prereq: TSM 116
 4504005 A TR 12:40-2:30
 MEETS: JAN 13-MAY 9

INTRO MANUFACT PROC TSM 240 3 CREDITS
 6601005 A M 2:10-3:00
 WF 9:00-10:50
 MEETS: JAN 13-MAY 9
 6601010 B M 2:10-3:00
 WF 11:00-12:50
 MEETS: JAN 13-MAY 9

TOTAL QUAL IMPROVMT TSM 310 3 CREDITS
 Prereq: STAT 101 OR STAT 104, JR CLASSIFICATION
 9202005 A MW 4:10-5:30
 MEETS: JAN 13-MAY 9

PRESRV GRAIN QUALTY TSM 322 2 CREDITS
 Prereq: MATH 140 OR HIGHER
 1352005 A1 TR 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO AST, I TEC MAJORS ONLY
 1352010 A2 TR 11:00-11:50
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN AST, I TEC
 1352600 XH ARRANGED MCGILL J
 MEETS: JAN 13-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT LYOUNG@IASTATE.EDU.
 Permission of coordinator required.
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 1352605 XW ARRANGED MCGILL J
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

PRSRV GRAIN QUALITY TSM 322L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN TSM 322
 5581005 A W 9:00-11:50
 MEETS: JAN 13-MAY 9
 5581010 B F 9:00-11:50
 MEETS: JAN 13-MAY 9
 5581015 C F 12:10-3:00
 MEETS: JAN 13-MAY 9

SOIL&WTR CONSRV MGT TSM 324 3 CREDITS
 Prereq: MATH 140 OR MATH 160
 1345005 A MW 8:00-8:50
 T 12:10-1:30
 MEETS: JAN 13-MAY 9

AG MACHNRY &PWR MGT TSM 330 3 CREDITS
 Prereq: TSM 210; MATH 142 OR MATH 160
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS
 MINORS MAY REQUEST A SIGNATURE TO ADD
 1347005 A MW 10:00-10:50
 W 1:10-3:00
 MEETS: JAN 13-MAY 9
 1347010 B MW 10:00-10:50
 W 3:10-5:00
 MEETS: JAN 13-MAY 9

FLUID PWR SYS TCNOL TSM 337 3 CREDITS
 Prereq: TSM 210
 3335005 A MW 11:00-11:50
 T 2:40-4:30
 MEETS: JAN 13-MAY 9
 3335010 B MW 11:00-11:50
 T 12:40-2:30
 MEETS: JAN 13-MAY 9
 3335015 C MW 11:00-11:50
 T 9:30-11:20
 MEETS: JAN 13-MAY 9

ADV AUTOMA MFG PROC TSM 340 3 CREDITS
 Prereq: TSM 216, TSM 240, MATH 142
 Note: COURSE RESTRICTED TO I TEC MAJORS ONLY
 4522005 A MW 8:00-8:50
 R 3:10-5:00
 MEETS: JAN 13-MAY 9
 4522010 B MW 8:00-8:50
 M 5:10-7:00PM
 MEETS: JAN 13-MAY 9
 4522015 C MW 8:00-8:50
 F 1:10-3:00
 MEETS: JAN 13-MAY 9
 4522020 D MW 8:00-8:50
 F 3:10-5:00
 MEETS: JAN 13-MAY 9

ELECTR FOR AG&INDUS TSM 363 4 CREDITS
 Prereq: TSM 210, PHYS 112
 Note: COURSE RESTRICTED TO A E, AST, BSE & I TEC MAJORS ONLY.
 Available for nonmajor graduate credit
 6831005 A TR 8:00-9:20
 T 12:10-3:00
 MEETS: JAN 13-MAY 9
 6831010 B TR 8:00-9:20
 W 12:10-3:00
 MEETS: JAN 13-MAY 9
 6831015 C TR 8:00-9:20
 M 2:10-5:00
 MEETS: JAN 13-MAY 9
 6831020 D TR 8:00-9:20
 T 3:10-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Department permission required.

OCCUPATIONAL SAFETY TSM 370 3 CREDITS
 Prereq: TSM 270, JUNIOR STANDING
 Note: Available for nonmajor graduate credit
 7282005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Course delivery is WWW
 7282600 XH ARRANGED SCHAUFENBUEL J
 MEETS: JAN 13-MAY 9
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
 Course delivery is WWW
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 7282605 XW ARRANGED SCHAUFENBUEL J
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

OCCUPAT SAFETY MGMT TSM 371 2 CREDITS
 5626005 A T 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 9
 5626600 XW ARRANGED FREEMAN S
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

TOPC TEC:AG SAFE&HL TSM 393F 1- 4 CREDITS
 5631005 ARRANGED
 MEETS: JAN 13-MAY 9
 5631600 XG ARRANGED
 MEETS: JAN 21-MAY 8
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
 SEC XG OFFERED FOR 3 CREDITS FOR SPRING 2014.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

TOPC TEC:MACHIN MGT TSM 393J 1- 4 CREDITS
 5654005 ARRANGED
 MEETS: JAN 13-MAY 9
 5654600 XG ARRANGED
 MEETS: JAN 21-MAY 8
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU. SEC XG OFFERED FOR 3 CREDITS SPRING 2014. THIS COURSE REQUIRES STUDENTS TO COME TO CAMPUS FOR TWO LABS. IF STUDENTS HAVE WORK EXPERIENCE I.E. AN INTERNSHIP IN THE PRECISION AG AREA, STUDENTS CAN REQUEST TO NOT ATTEND THE HANDS-ON LABS AND COMPLETE A WRITTEN ASSIGNMENT DETAILING THEIR EXPERIENCE.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

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: TSM 397 AND APPROVAL OF INTERNSHIP COORDINATOR
 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

TECHNLGY CAPSTONE I TSM 415 1 CREDIT
 Prereq: SENIOR CLASSIFICATION WITH LESS THAN 32 CREDITS REMAINING
 Note: COURSE RESTRICTED THE AST, I TEC SENIORS ONLY
 6830005 F 9:00-10:50
 MEETS: JAN 13-MAY 9

TECHNOL CAPSTONE II TSM 416 5 CREDITS
 Prereq: TSM 415
 Note: COURSE RESTRICTED TO AST, I TEC SENIORS ONLY
 7031005 A M 9:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 9

MATERLS FOR TECHNOL TSM 443 3 CREDITS
 Prereq: PHYS 111, MATH 142 OR MATH 165
 6985005 A MW 1:10-2:00
 T 12:40-2:30
 MEETS: JAN 13-MAY 9
 6985010 B MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 13-MAY 9

AUTOMATION SYSTEMS TSM 465 3 CREDITS
 Prereq: TSM 363
 Note: COURSE RESTRICTED TO AST & I TEC MAJORS ONLY
 7973005 A TR 11:00-11:50
 T 3:10-5:00
 MEETS: JAN 13-MAY 9
 7973010 B TR 11:00-11:50
 R 2:10-4:00
 MEETS: JAN 13-MAY 9
 7973015 C TR 11:00-11:50
 R 4:10-6:00PM
 MEETS: JAN 13-MAY 9

INDU HYGIEN:HAZARDS TSM 470 3 CREDITS
 Prereq: MATH 160 OR HIGHER
 Note: Available for nonmajor graduate credit
 5639005 A ARRANGED
 MEETS: JAN 13-MAY 9
 5639600 XW ARRANGED KEREN N
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

SAFETY LABORATORY TSM 471 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN TSM 470
 5640005 A R 9:00-10:50
 MEETS: JAN 13-MAY 9

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
 ***** 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 490O 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
 AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WKSHP OCCUPA SAFETY TSM 493D 1- 4 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP AG&BIOSY MG 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 TOP MACHINE SYS TSM 590B 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 MANUFACTRG 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

SPL TOP OCCUP SAFET TSM 590D 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 13-MAY 9

CREATIVE COMPONENT TSM 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ACAD LDRSHP TECHNOL TSM 655 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 4562005 A W 6:10-9:00PM
 MEETS: JAN 13-MAY 9

TEACHING PRACTICUM TSM 694 1- 3 CREDITS
 1919005 ARRANGED
 MEETS: JAN 13-MAY 9

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 13-MAY 9

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

DOCTORAL TECH COMM TSM 698 1 CREDIT
 Satisfactory-Fail Only.
 1926005 ARRANGED
 MEETS: JAN 13-MAY 9

RESEARCH TSM 699 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE

INTR PERFORMNG ARTS THTR 106 3 CREDITS
 6729005 A MWF 2:10-3:00 COX J
 MEETS: JAN 13-MAY 9
 6729010 B MWF 9:00-9:50 COX J
 MEETS: JAN 13-MAY 9

THEATRE AND SOCIETY THTR 110 3 CREDITS
 1103005 TR 9:30-10:50 TRENBERTH J
 MEETS: JAN 13-MAY 9

THE ACTOR'S VOICE THTR 151 3 CREDITS
 Note: COURSE RESTRICTED TO PERF MAJORS ONLY
 6730005 TR 9:30-10:50 FOSS M
 MEETS: JAN 13-MAY 9

CONCERT&THTR DANCE THTR 224 .5- 2 CREDITS
 Prereq: BY AUDITION ONLY
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 6731005 1 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY
 6731010 2 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
 6731015 3 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: SEC 3 OFFERED FOR 2 CREDITS ONLY

THEATRE PRACTICUM THTR 250 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 6732005 M 5:10-6:00PM TRENBERTH J
 ARRANGED TRENBERTH J
 MEETS: JAN 13-MAY 9

ACTING I THTR 251 3 CREDITS
 6733005 A MWF 11:00-11:50
 MEETS: JAN 13-MAY 9
 6733010 B TR 11:00-12:20
 MEETS: JAN 13-MAY 9
 6733015 C MWF 10:00-10:50
 MEETS: JAN 13-MAY 9

INTR THEATRICAL PROD THTR 255 4 CREDITS
 6734005 A MWF 1:10-2:00 SUNDERMAN R
 M 2:10-5:00 SUNDERMAN R
 MEETS: JAN 13-MAY 9
 6734010 B MWF 1:10-2:00 SUNDERMAN R
 W 2:10-5:00 SUNDERMAN R
 MEETS: JAN 13-MAY 9
 6734015 C MWF 1:10-2:00 SUNDERMAN R
 R 2:10-5:00 SUNDERMAN R
 MEETS: JAN 13-MAY 9
 6734020 D MWF 1:10-2:00 SUNDERMAN R
 F 2:10-5:00 SUNDERMAN R
 MEETS: JAN 13-MAY 9

SCRIPT ANALYSIS THTR 263 3 CREDITS
 6763005 TR 9:30-10:50 DELL B
 MEETS: JAN 13-MAY 9

SPECIAL PROJECTS THTR 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

CRTV WRT PLAYWRITNG THTR 316 3 CREDITS
 Prereq: ENGL 105 OR ENGL 250, NOT OPEN
 TO FRESHMEN
 Note: Available for nonmajor graduate credit
 6736005 A1 MW 3:10-4:30
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL MAJORS ONLY
 6736010 A2 MW 3:10-4:30
 MEETS: JAN 13-MAY 9
 Note: SEC A2 RESTRICTED TO PERF MAJORS ONLY

ACTING II THTR 351 3 CREDITS
 Prereq: THTR 251, DANCE 120 RECOMMENDED
 6737005 1 MWF 1:10-2:00 FOSS M
 MEETS: JAN 13-MAY 9
 6737010 2 MWF 12:10-1:00 FOSS M
 MEETS: JAN 13-MAY 9

THEATRE (CONTINUED)

MUSICAL THEATRE II THTRE 355 3 CREDITS
 Prereq: THTRE 354
 3132005 TR 2:10-3:30, ARRANGED DELL B
 MEETS: JAN 13-MAY 9

STAGECRAFT THTRE 360 4 CREDITS
 Prereq: THTRE 255
 6742005 TR 9:30-10:50 SUNDERMAN R
 ARRANGED SUNDERMAN R
 MEETS: JAN 13-MAY 9

THEATRICAL DESIGN II THTRE 366 3 CREDITS
 Prereq: THTRE 365
 7920005 TR 11:00-12:20 SCHAEFER K
 ARRANGED SCHAEFER K
 MEETS: JAN 13-MAY 9

DIRECTING II THTRE 456 3 CREDITS
 Prereq: THTRE 455
 1116005 MW 2:10-3:30 DELL B
 MEETS: JAN 13-MAY 9

THEATRE DESIGN STUDIO THTRE 461 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6743005 MWF 10:00-10:50 SUNDERMAN R
 F 11:00-11:50 SUNDERMAN R
 ARRANGED SUNDERMAN R
 MEETS: JAN 13-MAY 9

HIST OF THEATRE II THTRE 466 3 CREDITS
 Prereq: THTRE 465
 Note: Available for nonmajor graduate credit
 6749005 TR 12:40-2:00 FOSS M
 MEETS: JAN 13-MAY 9

ADV THTRE PRACTICUM THTRE 469 1- 3 CREDITS
 Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATION
 ***** 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

FOODBORNE HAZARDS TOX 419 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302, A COURSE IN
 BIOCHEMISTRY
 Note: CREDIT FOR EITHER FS HN/TOX/MICRO 419 OR
 FS HN/TOX/NUTRS 519, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION.
 Available for nonmajor graduate credit
 8578005 MWF 11:00-11:50 HENDRICH S
 MEETS: JAN 13-MAY 9

TOXICOLOGY METHODS TOX 502 3 CREDITS
 Prereq: TOX 501
 6768005 1 TR 1:10-4:00
 MEETS: JAN 13-MAY 9
 Note: Materials fee \$350.00

TOXICOLOGY SEMINAR TOX 504 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 7126005 T 4:10-5:00
 MEETS: JAN 13-MAY 9

FOOD TOXICOLOGY TOX 519 3 CREDITS
 Prereq: A COURSE IN BIOCHEMISTRY
 Note: CREDIT FOR EITHER FS HN/TOX/MICRO 419 OR
 FS HN/TOX/NUTRS 519, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION.
 8227005 1 ARRANGED
 MEETS: JAN 13-MAY 9

VETERINARY TOXICOLOGY TOX 526 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9010005 MTR 11:00-11:50 RUMBEIHA W
 MEETS: JAN 13-MAY 9

TOXICOLOGY (CONTINUED)

CLIN & DIAGNOS TOXIC TOX 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526
 1231005 ARRANGED RUMBEIHA W
 MEETS: JAN 13-MAY 9

PESTICIDES IN ENVIR TOX 550 2 CREDITS
 Prereq: 9 CREDITS OF BIOLOGICAL SCIENCES
 9666005 A TR 9:00-9:50 COATS J
 MEETS: JAN 13-MAY 9

GENERAL PHARMACOLGY TOX 554 3 CREDITS
 Prereq: B M S 549, B M S 552; BBMB 404, BBMB 405
 4499005 MR 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 9

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

RAPID MTH FD MICROB TOX 627 2 CREDITS
 Prereq: FS HN 420 OR FS HN 421 OR FS HN 504
 8340005 MW 1:10-2:00 BREHM-STECHER B
 MEETS: JAN 13-MAY 9

CELL & MOLEC PATHO II TOX 656 3 CREDITS
 Prereq: GRAD COURSE IN BIOCHEM, GEN OR CELL BIOL
 2305005 T 9:00-10:50 ACKERMANN M
 R 9:00-9:50 ACKERMANN M
 MEETS: JAN 13-MAY 9

CURRENT TOPICS TOX 689X R CREDIT
 Satisfactory-Fail Only.
 8671005 1 ARRANGED
 MEETS: JAN 13-MAY 9

GRAD RESEARCH ROTAT TOX 697 1-12 CREDITS
 Prereq: ADMISSION TO TOX GRADUATE PROGRAM
 8363005 ARRANGED
 MEETS: JAN 13-MAY 9

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 13-MAY 9

CREATIVE COMPONENT TRANS 599 1- 3 CREDITS
 4160005 1 ARRANGED
 MEETS: JAN 13-MAY 9

SEMINAR TRANSPT PLAN TRANS 691 1- 3 CREDITS
 6786005 ARRANGED
 MEETS: JAN 13-MAY 9

RESEARCH TRANS 699 VAR. CREDITS
 6787005 ARRANGED
 MEETS: JAN 13-MAY 9

UNIVERSITY STUDIES

FRST-YR SEM I:ATHLT U ST 101D 1 CREDIT
 Prereq: ACCEPTANCE/PARTICIPATION IN APPROPRIATE
 LEARNING COMMUNITY OR SPECIAL PROGRAM
 Satisfactory-Fail Only.
 5713005 1 M 8:00-8:50 PARROTT M
 MEETS: JAN 13-MAY 9

5713010 2 T 8:00-8:50 PARROTT M
 MEETS: JAN 13-MAY 9

FIRST-YR SEM II:MVP U ST 102A 1 CREDIT
 Prereq: U ST 101 OR INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 5727005 1 M 11:00-11:50 LOZANO S
 MEETS: JAN 13-MAY 9

5727010 2 T 11:00-11:50 LOZANO S
 MEETS: JAN 13-MAY 9

5727015 3 W 11:00-11:50 LOZANO S
 MEETS: JAN 13-MAY 9

5727020 4 M 10:00-10:50 LOZANO S
 MEETS: JAN 13-MAY 9

FIRST-YR SEM II:SCI U ST 102B 1 CREDIT
 Prereq: U ST 101 OR INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 5728005 1 W 12:10-1:00 HARGRAVE C
 MEETS: JAN 13-MAY 9

5728010 2 W 1:10-2:00
 MEETS: JAN 13-MAY 9

UNIVERSITY STUDIES (CONTINUED)

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

PERSONAL CAREER DEV U ST 104 2 CREDITS
 6243005 1 TR 8:00-8:50 BECKER M
 MEETS: JAN 13-MAY 9
 6243010 2 MW 11:00-11:50 BECKER M
 MEETS: JAN 13-MAY 9
 6243015 3 MW 2:10-3:00 BECKER M
 MEETS: JAN 13-MAY 9
 6243020 4 TR 2:10-3:00 BECKER M
 MEETS: JAN 13-MAY 9
 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 LEIGH P
 MEETS: JAN 13-MAY 9
 4173010 2 T 10:00-10:50 LEIGH P
 MEETS: JAN 13-MAY 9
 4173015 3 R 10:00-10:50 LEIGH P
 MEETS: JAN 13-MAY 9
 4173020 4 W 10:00-10:50 LEIGH P
 MEETS: JAN 13-MAY 9
 MCNAIR:LIT &METHDOL U ST 302 1 CREDIT
 Prereq: U ST 301
 Satisfactory-Fail Only.
 6494005 1 M 6:10-8:00PM HARDING T
 MEETS: JAN 13-MAY 9
 LEADERS SMNR I:HIKS U ST 311A 1 CREDIT
 Prereq: 101
 Satisfactory-Fail Only.
 7281005 1 W 5:10-6:00PM SANBORN D
 MEETS: JAN 13-MAY 9
 Note: SEC 1 FOR HIXSON SCHOLARS ONLY.
 LEADERS SMNR I: MVP U ST 311B 1 CREDIT
 Prereq: 101
 Satisfactory-Fail Only.
 8404005 1 W 4:10-5:00 LOZANO S
 MEETS: JAN 13-MAY 9
 LEADR SMNR I:STRNG U ST 311C 1 CREDIT
 Satisfactory-Fail Only.
 8396005 1 M 10:00-11:50
 MEETS: JAN 13-MARCH 7
 CY AIDE LEADR SMNR U ST 315 2 CREDITS
 Prereq: SELECTION AS A CYCLONE AIDE STUDENT
 LEADER
 Satisfactory-Fail Only.
 5284005 1 TR 8:00-9:20 KURT E
 MEETS: JAN 13-MAY 9
 MCNAIR:FINAL REPORT U ST 402 1 CREDIT
 Prereq: 401
 Satisfactory-Fail Only.
 6495005 1 T 6:10-8:00PM HARDING T
 MEETS: JAN 13-MAY 9
 INDEPENDENT STUDY U ST 490 VAR. CREDITS
 Prereq: PERMISSION OF THE ASSOCIATE PROVOST
 Note: PERMISSION OF THE CHAIR OF THE INTERNATIONAL
 STUDIES COMMITTEE & ASSOCIATE PROVOST ARE REQUIRED.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 SPECIAL TOPICS U ST 590 VAR. CREDITS
 Prereq: PERMISSION OF GRADUATE COLLEGE
 Note: Department permission required.
 8502002 1 ARRANGED
 MEETS: JAN 13-MAY 9
 8502004 2 ARRANGED
 MEETS: JAN 13-MAY 9
 8502006 3 ARRANGED
 MEETS: JAN 13-MAY 9
 8502008 4 ARRANGED
 MEETS: JAN 13-MAY 9
 8502010 5 ARRANGED
 MEETS: JAN 13-MAY 9

VET DIAGNOSTIC & PRODUCTION AN MED

SPANISH FOR VETRNRN VDPAM 308 2 CREDITS
 Prereq: BASIC KNOWLEDGE OF SPANISH
 Note: COURSE RESTRICTED TO V M AND VM NE MAJORS ONLY
 9308005 W 3:10-4:00, ARRANGED RAMIREZ A
 MEETS: JAN 13-MAY 9
 INTR PROD INFRMTICS VDPAM 309 1 CREDIT
 8724005 M 12:10-1:00 HOLTkamp D
 MEETS: JAN 13-MAY 9

INTR PRODUCTION MED VDPAM 310 2 CREDITS
 Prereq: CLASSIFICATION AS SECOND OR THIRD YEAR
 VETERINARY STUDENT OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED
 SOPHOMORES AND JUNIORS
 8463005 W 1:10-3:00 KARRIKER L
 MEETS: JAN 13-MAY 9
 INTRO ANIML WELFARE VDPAM 312 1 CREDIT
 Prereq: CLASSIFICATION AS A FIRST YEAR VETERINARY
 STUDENT
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED
 STUDENTS ONLY
 1665005 F 9:00-9:50 MILLMAN S
 CLINICAL FOUNDATNS VDPAM 340 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 4872005 ARRANGED DEWELL R
 MEETS: JAN 13-MAY 9
 BOVIN EMBRYO TRNSFR VDPAM 351 2 CREDITS
 Prereq: CLASSIFICATION AS A SECOND OR THIRD YEAR
 VETERINARY STUDENT
 9310005 ARRANGED WEST J
 MEETS: JAN 13-MAY 9
 ADV DAIRY INFORMTCS VDPAM 402 2 CREDITS
 Prereq: VDPAM 309 OR PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 2547005 A ARRANGED GORDEN P
 MEETS: JAN 13-MAY 9
 2547010 B ARRANGED GORDEN P
 MEETS: JAN 13-MAY 9
 2547015 C ARRANGED GORDEN P
 MEETS: JAN 13-MAY 9
 2547020 D ARRANGED GORDEN P
 MEETS: JAN 13-MAY 9
 2547025 E ARRANGED GORDEN P
 MEETS: JAN 13-MAY 9
 CLINCL DECISN MAKNG VDPAM 407 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5440005 ARRANGED RAMIREZ A
 MEETS: JAN 13-MAY 9
 VET PRACTCE MGT&ORG VDPAM 409 2 CREDITS
 8766005 ARRANGED BAKER R
 MEETS: JAN 13-MAY 9
 VET PRAC ENTREPENR VDPAM 414 2 CREDITS
 7216005 TR 12:10-1:00 BAKER R
 MEETS: JAN 13-MAY 9
 BOVIN REPROD EV LAB VDPAM 416 1 CREDIT
 Prereq: CLASSIFICATION AS A THIRD YEAR STUDENT IN
 VETERINARY MEDICINE. 10 STUDENTS PER SECTION
 5110005 A M 1:10-5:00 PHILLIPS P
 MEETS: JAN 13-MARCH 7
 5110010 B F 1:10-5:00 PHILLIPS P
 MEETS: JAN 13-MARCH 7
 5110015 C M 1:10-5:00 PHILLIPS P
 MEETS: MARCH 10-MAY 9
 5110020 D F 1:10-5:00 PHILLIPS P
 MEETS: MARCH 10-MAY 9
 PRECPTR PROD AN MED VDPAM 420 1- 6 CREDITS
 Prereq: CLASSIFICATION AS A FOURTH YEAR STUDENT
 IN VETERINARY MEDICINE
 9072005 ARRANGED THOMPSON J
 MEETS: JAN 13-MAY 9
 CALVING AT GPVEC VDPAM 421A 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4419005 1 ARRANGED DEWELL R
 GPVEC: BULL BREEDNG VDPAM 421B 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4417005 1 ARRANGED DEWELL R
 GPVEC: CLIN CALVING VDPAM 421C 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4422005 1 ARRANGED DEWELL R
 GPVEC: FEEDLOT MGT VDPAM 421D 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4423005 1 ARRANGED DEWELL R
 LAMBING AT GPVEC VDPAM 421J 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4476005 1 ARRANGED DEWELL R

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

GPVEC: EQUI DENTIST VDPAM 421K 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4520005 1 ARRANGED DEWELL R

GPVEC: GOMER SURGRY VDPAM 421P 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4570005 1 ARRANGED DEWELL R

PRD MD CATTL MARKTG VDPAM 422A 2 CREDITS
 Prereq: VDPAM 310; ABILITY TO PROVIDE OWN
 TRANSPORTATION TO EACH SITE
 4577005 1 ARRANGED SWEIGER S

PRD MED BEEF FEEDLT VDPAM 422C 2 CREDITS
 Prereq: VDPAM 310; ABILITY TO PROVIDE OWN
 TRANSPORTATION TO EACH SITE
 4578005 1 ARRANGED SWEIGER S

PRD BF MED CONSULTI VDPAM 422D 2 CREDITS
 Prereq: VDPAM 310; ABILITY TO PROVIDE OWN
 TRANSPORTATION TO EACH SITE
 4591005 1 ARRANGED SWEIGER S

PRD MED CATTL CALVI VDPAM 422E 2 CREDITS
 Prereq: VDPAM 310; ABILITY TO PROVIDE OWN
 TRANSPORTATION TO EACH SITE
 4594005 1 ARRANGED SWEIGER S

PRD MED CTTL STOCKR VDPAM 422F 2 CREDITS
 Prereq: VDPAM 310; ABILITY TO PROVIDE OWN
 TRANSPORTATION TO EACH SITE
 4704005 1 ARRANGED SWEIGER S

VET TOXICOLOGY VDPAM 426 3 CREDITS
 Prereq: CLASSIFICATION AS A THIRD YEAR STUDENT IN
 VETERINARY MEDICINE
 6860005 MTR 11:00-11:50 RUMBEIHA W
 MEETS: JAN 13-MAY 9

BEEF RECORDS ANALYS VDPAM 436 1- 2 CREDITS
 Prereq: 1ST, 2ND OR 3RD YEAR CLASSIF IN VET MED
 OR PERMISSION OF INSTRUCTOR
 4535005 1 ARRANGED ENGELKEN T
 MEETS: JAN 13-MAY 9
 4535010 2 ARRANGED ENGELKEN T
 MEETS: JAN 13-MAY 9

DAIRY HERD PROBL ID VDPAM 437 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
 6425005 ARRANGED GORDEN P

MASTITIS PROB INVSTG VDPAM 438 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
 6861005 ARRANGED GORDEN P

COW&CALF PROB:NUTRI VDPAM 439 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
 6422005 ARRANGED GORDEN P
 MEETS: JAN 13-MAY 9

PROD ANM CLINCL MED VDPAM 445 3 CREDITS
 Prereq: 3RD-YEAR CLASSIFICATION IN VET MED
 6865005 MWF 9:00-9:50 PLUMMER P
 MEETS: JAN 13-MAY 9

CLIN EMBRYO TRANSFR VDPAM 451 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4334005 1 MTWRF 8:00-5:00 WEST J

DIAGNOS LAB PRACTCM VDPAM 455 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6827005 MTWRF 1:10-5:00 GAUGER P

ADV STCKR/FDLOT MED VDPAM 464 2 CREDITS
 Prereq: 310
 9311005 ARRANGED SWEIGER S
 MEETS: APRIL 14-27

FD AN&CAM FIELD SRV VDPAM 476 2 CREDITS
 Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN
 VETERINARY MEDICINE
 8725005 MTWRF 8:00-5:00 LEUSCHEN B

FD ANM&CAM MED&SURG VDPAM 477 1- 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2014
 Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 6909005 MTWRF 8:00-11:50 THOMPSON J
 MTWRF 12:10-5:00 THOMPSON J

SWI PROD MED PRECEP VDPAM 479 1- 6 CREDITS
 Prereq: VDPAM 310
 5454005 ARRANGED KARRIKER L

SWINE PRODUCTN MED VDPAM 480 2 CREDITS
 Prereq: VDPAM 310 OR PERMISSION OF INSTRUCTOR
 5572005 1 MTWRF 8:00-5:00 KARRIKER L

ADV COW/CF PROD MED VDPAM 481 2 CREDITS
 Prereq: COMPLETION OF TWO SEMESTERS OF VDPAM 436
 OR UNL EQUIVALENT (V MED 596 CATTLE PRODUCTION),
 FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE
 9150005 1 ARRANGED ENGELKEN T
 HELLMICH E

BF PROD MED PRECPTR VDPAM 482 1- 6 CREDITS
 Prereq: VDPAM 310 AND PERMISSION OF INSTRUCTOR;
 ABILITY TO PROVIDE TRANSPORTATION TO EACH SITE
 4331005 ARRANGED DEWELL R
 MEETS: JAN 13-MAY 9

APP DAIRY PRODU MED VDPAM 485 1- 6 CREDITS
 Prereq: VDPAM 310
 5431005 ARRANGED GORDEN P
 MEETS: JAN 13-MAY 9

INTR SM RUM PROD MD VDPAM 486 1 CREDIT
 Prereq: CLASSIFICATION AS A THIRD YEAR
 VETERINARY STUDENT OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS IN VET
 MED COLLEGE. SOPHMORES REQUIRE PERMISSION OF
 INSTRUCTOR.
 4549005 1 W 12:10-1:00 PLUMMER C
 ARRANGED
 MEETS: JAN 13-MAY 9

CLINIC MICROBIO LAB VDPAM 488 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6950005 MTWRF 8:30-11:20 KINYON J
 MEETS: JAN 13-MAY 9

ISSUES FOOD SAFETY VDPAM 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS
 HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
 8351005 MW 2:10-3:00 RAJAGOPAL L
 MEETS: JAN 13-MARCH 7

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

ORIENTA INT'L EXPER VDPAM 492 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 Satisfactory-Fail Only.
 6468005 ARRANGED O'CONNOR A
 MEETS: JAN 13-MAY 9
 6468800 GB ARRANGED MILLMAN S
 MEETS: JAN 13-MAY 9

ADV DAIRY PRODU MED VDPAM 494 2 CREDITS
 Prereq: VDPAM 484 OR PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 1372005 ARRANGED GORDEN P

ADV SM RUMN PROD MD VDPAM 495 2 CREDITS
 Prereq: VDPAM 486, FOURTH YEAR CLASSIFICATION IN
 VETERINARY MEDICINE, OR PERMISSION OF INSTRUCTOR
 9309005 ARRANGED PLUMMER C

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.
 Satisfactory-Fail Only.
 7848005 ARRANGED O'CONNOR A
 MEETS: JAN 13-MAY 9

CLINCL DECISN MAKNG VDPAM 507 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5439005 ARRANGED RAMIREZ A
 MEETS: JAN 13-MAY 9

VET PRAC ENTREPRENR VDPAM 514 2 CREDITS
 Prereq: GRADUATE VETERINARIAN OR DVM-DUAL
 GRADUATE DEGREE CANDIDATE
 8890005 TR 12:10-1:00 BAKER R
 MEETS: JAN 13-MAY 9

PRIN OF EPIDEMIOLOGY VDPAM 522 3 CREDITS
 6895005 MTR 10:00-11:50 O'CONNOR A
 MEETS: JAN 13-MAY 9

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 RUMBEIHA W
 MEETS: JAN 13-MAY 9

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

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 14-FEB 13

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 18-MARCH 27

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: APRIL 1-MAY 1

INTR METABLMCS TCNQ VDPAM 542F 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 9033005 M 1:10-4:00, ARRANGED
 MEETS: FEB 10-APRIL 21

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526
 7676005 ARRANGED RUMBEIHA W
 MEETS: JAN 13-MAY 9

ADV VET DIAGNOS LAB VDPAM 551 1- 3 CREDITS
 Prereq: VDPAM 455
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV COW/CF PROD MED VDPAM 581 2 CREDITS
 Prereq: COMPLETION OF TWO SEMESTERS OF VDPAM 436
 OR UNL EQUIVALENT (VMED 596 CATTLE PRODUCTION), 4TH
 YEAR CLASSIFICATION IN VETERINARY MEDICINE, GRADUATE
 CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 9312005 1 ARRANGED ENGELKEN T

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
 Satisfactory-Fail Only.
 7868005 ARRANGED O'CONNOR A
 MEETS: JAN 13-MAY 9

CREATIVE COMPONENT VDPAM 599 VAR. CREDITS
 Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE
 PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

SWINE DIAGNOSTC MED VDPAM 650 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6907005 ARRANGED KARRIKER L
 MEETS: JAN 13-MAY 9

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

VETERINARY CLINICAL SCIENCES

SHELTER MEDICINE V C S 305 1 CREDIT
 Prereq: FIRST YEAR CLASSIFICATION IN VETERINARY
 MEDICINE OR WITH PERMISSION OF INSTRUCTOR
 6948005 R 12:10-1:00

VET IN SOCIETY V V C S 315 1 CREDIT
 Prereq: THIRY-YEAR CLASSIFICATION IN VET MED
 7785005 1 RF 8:00-5:00 ACKERMANN M
 MEETS: JAN 9-10

GRAND ROUNDS V C S 385 R CREDIT
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE
 Satisfactory-Fail Only.
 7446005 F 8:00-8:50 CASTON S

SURGERY PRINCIP LAB V C S 394 1 CREDIT
 Prereq: 2ND YR CLASSIFICATION IN VET MED
 3831005 1 W 1:10-3:00 REINERTSON E
 3831010 2 W 3:10-5:00 REINERTSON E

SMALL ANIML SURGERY V C S 395 2 CREDITS
 Prereq: 394
 3873005 TR 8:00-8:50 TOOMBS J

EQUINE SURGERY V C S 396 2 CREDITS
 Prereq: 394
 3899005 T 8:00-9:50 CASTON S

VETERINARY CLINICAL SCIENCES (CONTINUED)

ANESTHESIOLOGY V C S 398 1 CREDIT
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 3472005 M 9:00-9:50 RIEDESEL D
 MEETS: JAN 13-MAY 9

OPHTHALMOLOGY V C S 399 1 CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
 3476005 F 11:00-11:50 WHITLEY R

PET BIRD&EXOTC SPEC V C S 405 2 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MEDICINE
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED JR
 6874005 R 1:10-5:00 ZAFFARANO B
 F 1:10-3:00 ZAFFARANO B
 MEETS: JAN 13-MARCH 7

ONCOLOGY V C S 409 1- 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2014
 9213005 MTWRF 8:00-5:00 FOX L

COMPANION AN NUTRI V C S 414 1 CREDIT
 Prereq: THIRD OR FOURTH-YR CLASSIFICATN IN V MED
 7777005 ARRANGED DEITZ K
 MEETS: JAN 13-MARCH 7

PRECEPTOR COMPAN/EQ V C S 419 2- 6 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
 PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE
 1664005 ARRANGED REINERTSON E
 Note: Permission of instructor required. Process
 Approved add slip in 2270A Vet Med.

PRACTICUM V C S 420X R CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Satisfactory-Fail Only.
 6177009 ARRANGED NOXON J
 MEETS: JAN 13-MAY 9

BLANK PK ZOO ROTATN V C S 422 4 CREDITS
 Prereq: V C S 405, FOURTH-YEAR CLASSIFICATION IN
 V MED, PERMISSION OF INSTRUCTOR
 1166005 MTWRF 8:00-5:00 OLDS J

SM ANIML SHELTR MED V C S 437 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 7944005 MTWRF 8:00-5:00 KAUFFMAN L
 MEETS: JAN 13-MAY 9

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 NOXON J

CANINE REHABILITATN V C S 441 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2014
 9232005 MTWRF 8:00-5:00 BERGH M

EQUINE LAMENESS V C S 443 2 CREDITS
 Prereq: 2ND OR 3RD YR CLASSIFICATION IN VET MED
 6882005 R 1:10-5:00, ARRANGED MCCLURE S
 MEETS: JAN 13-MARCH 7

CLINICAL NEUROLOGY V C S 446 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
 5112005 MTWRF 8:00-5:00 JEFFERY N

DIAGNO IMAG&RADIOBI V C S 448 3 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 6886005 1 TR 10:00-10:50 MILES K
 T 1:10-3:00 MILES K
 6886010 2 TR 10:00-10:50 RIEDESEL E
 T 3:10-5:00 RIEDESEL E

ADV SURG NEU H SOCI V C S 451A 2 CREDITS
 Prereq: 449
 5369005 1 W 11:00-11:50 TOOMBS J
 M 1:10-5:00 TOOMBS J
 MEETS: MARCH 10-MAY 9

ADV TRADIT SURG LAB V C S 451B 2 CREDITS
 Prereq: 449
 7005005 1 W 11:00-11:50 TOOMBS J
 M 1:10-5:00 TOOMBS J
 MEETS: JAN 13-MARCH 7
 7005010 2 W 11:00-11:50 TOOMBS J
 F 1:10-5:00 TOOMBS J
 MEETS: JAN 13-MARCH 7
 7005015 3 W 11:00-11:50 TOOMBS J
 M 1:10-5:00 TOOMBS J
 MEETS: MARCH 10-MAY 9

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY CLINICAL SCIENCES (CONTINUED)

CLINICL DERMATOLOGY V C S 452 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE. MUST HAVE INSTRUCTOR PERMISSION TO REPEAT THIS COURSE.
 1931005 MTWRF 8:00-5:00 NOXON J

SMALL ANIMAL MED I V C S 453 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6890005 MTWRFS 8:00-5:00 MORRISON J

SMALL ANIMAL MED II V C S 454 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6890005 MTWRFS 8:00-5:00 MORRISON J

SM AN SOFT TISS SUR V C S 455 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6891005 MTWRFS 8:00-5:00 HEDLUND C

SM AN ORTHOPED SURG V C S 456 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6892005 MTWRFS 8:00-5:00 KRAUS K

EQUINE MEDICINE V C S 457 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6893005 MTWRFS 8:00-11:50 WONG D
 MTWRF 2:10-5:00 WONG D

EQUINE SURGERY V C S 458 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6894005 MTWRFS 8:00-11:50 CASTON S
 MTWRF 2:10-5:00 CASTON S

SM AN OVERPOP OMAHA V C S 459A 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4050005 MTWRF 8:00-5:00 POPELKA S
 Note: OMAHA

SM AN OVERPOP D.M. V C S 459B 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4107005 MTWRF 8:00-5:00 POPELKA S
 Note: DES MOINES

SM AN OVERPOP K.C. V C S 459C 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4313005 ARRANGED POPELKA S
 Note: KANSAS CITY

RADIOLOGY V C S 460 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6896005 MTWRFS 8:00-5:00 MILES K

ADV SM AN INTRNL MD V C S 461 1 CREDIT
 Prereq: V C S 444 AND V C S 436
 2491005 T 5:10-6:00PM MORRISON J

PRIMARY CARE V C S 463 2 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN VET MED
 2322005 MTWRF 8:00-5:00 ZAFFARANO B

EQUINE FIELD SERVIC V C S 464 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4247005 MTWRFS 8:00-5:00 HOWARD J

FARRIER V C S 465 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
 457, 458
 7756005 MTWRF 8:00-5:00 MCCLURE S

VET ANESTHESIOLOGY V C S 466 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6898005 MTWRFS 8:00-5:00 RIEDESEL D

PAIN MANAGEMENT V C S 467 1- 2 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN V MED
 9108005 MTWRF 8:00-5:00 KRAUS B
 MEETS: JAN 13-MAY 9

INTENSIVE CARE V C S 468 4 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6900005 ARRANGED CURTIS M

OPHTHALMOLOGY V C S 469 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6901005 MTWRFS 8:00-5:00 WHITLEY R

RADIOLOGY V C S 470 VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
 460 RECOMMENDED
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE REPRODUCTION V C S 471E VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOOD ANIM REPRODCTN V C S 471F VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM REPRODUCTN V C S 471S VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM SURG ORTHO V C S 4730 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML AN SURG SOF TIS V C S 473S 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE ANESTHESLOGY V C S 476E 1- 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SM ANIML ANESTHESIO V C S 476S 1- 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY V C S 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS V C S 490H VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ORIENTN INT'L EXPR V C S 492 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 6148005 ARRANGED

GRAND RND S PRESENTN 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
 Satisfactory-Fail Only.
 6094005 ARRANGED

SPL TOPICS MEDICINE V C S 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS SURGERY V C S 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC RADIOLOGY V C S 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOLOG V C S 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OPHTHALMLGY V C S 590F 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 13-MAY 9

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 ANESTHESIOLOGY V C S 699E VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY MICROBIOLOGY & PREV MED (CONTINUED)

RESEARCH OPHTHALMOLGY V C S 699F VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MICROBIOLOGY & PREV MED

CASE STUDY IV V MPM 378 2 CREDITS
 Prereq: 2ND-YEAR CLASSIFICATION IN VET MED
 6744005 MR 1:10-2:00
 MEETS: JAN 13-MAY 9

VETERINARY IMMUNOLGY V MPM 380 2 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN V MED
 6941010 WF 11:00-11:50
 MEETS: JAN 13-MAY 9

VETERINARY VIROLOGY V MPM 387 3 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED
 6943010 1 TWR 9:00-9:50
 MEETS: JAN 13-MAY 9

PUBLIC HEALTH&VT PRO V MPM 388 3 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED
 6944005 1 MWF 11:00-11:50 DAVIS R
 MEETS: JAN 13-MAY 9

INFECT DIS WILD ANI V MPM 409 1 CREDIT
 Prereq: SECOND YEAR CLASSIFICATION IN VET MED
 8783005 1 T 5:10-7:00PM
 MEETS: JAN 13-MAY 9

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 13-MAY 9

PUBLIC HEALTH LAB V MPM 486 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6951005 MTWRF 2:10-5:00

INDEPENDENT STUDY V MPM 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ZOO PRECEPTORSHIP V MPM 494 1- 8 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN V MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRIN OF EPIDEMIOLOGY V MPM 522 3 CREDITS
 6957005 MTR 10:00-11:50 O'CONNOR A
 MEETS: JAN 13-MAY 9

LIVESTK IMMUNOGENET V MPM 540 2 CREDITS
 Prereq: AN S 561 OR MICRO 575 OR V MPM 520
 6745005 1 ARRANGED
 MEETS: JAN 13-MAY 9

IMMUNOLOGY V MPM 575 3 CREDITS
 Prereq: 310
 Note: CREDIT FOR EITHER V MPM 520 OR MICRO/V MPM 575,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5606005 MWF 8:00-8:50
 MEETS: JAN 13-MAY 9

ANIMAL VIROLOGY V MPM 587 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7951005 ARRANGED
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS V MPM 590 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V MPM 599 VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 7307005 ARRANGED
 MEETS: JAN 13-MAY 9
 7307115 ET ARRANGED
 MEETS: JAN 13-MAY 9
 7307105 KY ARRANGED
 MEETS: JAN 13-MAY 9
 7307165 TF ARRANGED
 MEETS: JAN 13-MAY 9

ADV TOPC CELL IMUNL V MPM 629 2 CREDITS
 Prereq: 520, 575
 6965005 ARRANGED
 MEETS: JAN 13-MAY 9

CURR TOPICS IMMUNOL V MPM 690A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 2014.
 7082005 M 3:10-5:00
 MEETS: JAN 13-MAY 9

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 FALES-WILLIAMS A
 F 8:00-8:50 FALES-WILLIAMS A
 W 1:10-3:00 FALES-WILLIAMS A
 MEETS: JAN 13-MAY 9

7445010 2 M 1:10-2:00 FALES-WILLIAMS A
 F 8:00-8:50 FALES-WILLIAMS A
 W 3:10-5:00 FALES-WILLIAMS A
 MEETS: JAN 13-MAY 9

GENOME PRSPCTV BIOL V PTH 349X 2 CREDITS
 Prereq: GEN 313 OR GEN 320
 9693005 TR 3:40-4:30
 MEETS: JAN 13-MAY 9

INTRO PARASITOLOGY V PTH 353 3 CREDITS
 Prereq: BIOL 212
 9209005 TR 9:30-10:50 JONES D
 MEETS: JAN 13-MAY 9

INTRO TO PATHOLOGY V PTH 402X 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
 9538005 TR 4:10-5:30 HAYNES J
 MEETS: JAN 13-MAY 9

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 13-MAY 9
 8991010 2 T 3:10-5:00 HOSTETTER S
 MEETS: JAN 13-MAY 9

CLINICAL PATHOLOGY V PTH 425 4 CREDITS
 Prereq: 372
 7004005 MF 10:00-10:50 HOSTETTER S
 TWR 10:00-10:50 HOSTETTER S
 R 11:00-11:50 HOSTETTER S
 MEETS: JAN 13-MAY 9

NECROPSY LAB PRACTM V PTH 456 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
 7007005 MTWRF 1:10-5:00 WHITLEY E
 S 10:00-11:50 WHITLEY E

CLIN PATH LAB PRACT V PTH 457 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO VET MED SENIORS
 7008005 MTWRF 8:00-11:50 FLAHERTY H

INDEPENDENT STUDY V PTH 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRINCIPLES PATHOLOGY V PTH 503X 3 CREDITS
 6610005 MTR 9:00-9:50 HAYNES J
 MEETS: JAN 13-MAY 9

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 FALES-WILLIAMS A
 F 8:00-8:50 FALES-WILLIAMS A
 W 1:10-3:00 FALES-WILLIAMS A
 MEETS: JAN 13-MAY 9

7015010 2 M 1:10-2:00 FALES-WILLIAMS A
 F 8:00-8:50 FALES-WILLIAMS A
 W 3:10-5:00 FALES-WILLIAMS A
 MEETS: JAN 13-MAY 9

DIAGN PARASITOL LAB V PTH 548 1- 3 CREDITS
 Prereq: 376 OR 576
 9668005 ARRANGED
 MEETS: JAN 13-MAY 9

VETERINARY PATHOLOGY (CONTINUED)

VETERINARY PATHOLOGY (CONTINUED)

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT
 Prereq: 457, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 7037005 ARRANGED FLAHERTY H
 MEETS: JAN 13-MAY 9
 Note: Instructor permission required.

SURGICAL PATHOL LAB V PTH 550 1- 3 CREDITS
 Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 7479005 ARRANGED HAYNES J
 MEETS: JAN 13-MAY 9

POSTMORT PATHOL LAB V PTH 551 1- 3 CREDITS
 Prereq: 542, PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 7038005 MTWRF 1:10-5:00 FALES-WILLIAMS A
 S 10:00-11:50 FALES-WILLIAMS A
 MEETS: JAN 13-MAY 9

ETHICS IN SCI RSRCH V PTH 554 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 5755005 F 9:00-9:50 HOSTETTER J
 MEETS: JAN 13-MAY 9

SPL TOPC VET PATHOL V PTH 590A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT V PTH 590B 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP VET CLIN PTH V PTH 590D 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS V PTH 590E 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PATHOL V PTH 599A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PARASI V PTH 599B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 13-MAY 9

CURR TOPICS SEMINAR V PTH 605 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7029005 ARRANGED ACKERMANN M
 MEETS: JAN 13-MAY 9

DIAG INTERP V PARAS V PTH 606B R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7030005 ARRANGED
 MEETS: JAN 13-MAY 9

DIAG INTERP VET TOX V PTH 606C R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 5787005 ARRANGED
 MEETS: JAN 13-MAY 9

DIAG INTERP CLINPTH V PTH 606D R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 9694005 ARRANGED HOSTETTER S
 MEETS: JAN 13-MAY 9

CELL&MOLEC PATHO II V PTH 656 3 CREDITS
 Prereq: GRAD COURSE IN BIOCHEM, GENETICS OR CELL
 BIOLOGY
 9674005 T 9:00-10:50 ACKERMANN M
 R 9:00-9:50 ACKERMANN M
 MEETS: JAN 13-MAY 9

VET PATHOLOGY RSRCH V PTH 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET PARASITOLGY RES V PTH 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET CLIN PATH RSRCH V PTH 699D VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

WOMEN'S STUDIES

GENDER JUSTICE W S 160 1 CREDIT
 Note: CROSS-LISTED WITH U ST 160. SEE U ST FOR COURSE
 DESCRIPTION.
 Meets U.S. diversity reqmt
 Satisfactory-Fail Only.
 2484005 1 M 9:00-10:50 TESHOME Y
 MEETS: MARCH 10-MAY 9

2484010 2 T 2:10-4:00 TESHOME Y
 MEETS: MARCH 10-MAY 9

2484015 3 F 10:00-11:50 TESHOME Y
 MEETS: MARCH 10-MAY 9

2484020 4 W 2:10-4:00 TESHOME Y
 MEETS: MARCH 10-MAY 9

2484025 5 R 2:10-4:00 TESHOME Y
 MEETS: MARCH 10-MAY 9

INTRO WOMEN'S STUDI W S 201 3 CREDITS
 Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 7058005 A M 2:10-3:00
 WF 2:10-3:00
 MEETS: JAN 13-MAY 9

7058010 B M 2:10-3:00
 WF 9:00-9:50
 MEETS: JAN 13-MAY 9

7058015 C M 2:10-3:00
 WF 10:00-10:50
 MEETS: JAN 13-MAY 9

7058020 D M 2:10-3:00
 WF 11:00-11:50
 MEETS: JAN 13-MAY 9

7058025 E M 2:10-3:00
 WF 12:10-1:00
 MEETS: JAN 13-MAY 9

7058030 F M 2:10-3:00
 WF 1:10-2:00
 MEETS: JAN 13-MAY 9

7058035 G M 2:10-3:00
 WF 3:10-4:00
 MEETS: JAN 13-MAY 9

7058615 XR ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Section XR is off campus
 Course delivery is WWW

7058610 XU ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: Section XU is off campus
 Course delivery is WWW

7058605 XV ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: Section XV is off campus
 Course delivery is WWW

7058600 XW ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: Section XW is off campus
 Course delivery is WWW

INTRO LESBIAN STUDI W S 203 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 104
 Note: Meets U.S. diversity reqmt
 2184005 TR 2:10-3:30 JAEKEL K
 MEETS: JAN 13-MAY 9

HUMAN REPRODUCTION W S 258 3 CREDITS
 Prereq: BIOL 101, OR 155, OR 211
 7059005 TR 11:00-12:20 BASTAWROS H
 MEETS: JAN 13-MAY 9

WOMEN &GENDER INT'L W S 301 3 CREDITS
 Prereq: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 7060005 TR 11:00-12:20 TESHOME Y
 MEETS: JAN 13-MAY 9

7060600 XW ARRANGED HOPPER-LOSENICKY
 MEETS: MARCH 10-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

ECON OF DISCRIMINAT W S 321 3 CREDITS
 Prereq: ECON 101
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 7070005 1 MWF 1:10-2:00 ORAZEM P
 MEETS: JAN 13-MAY 9

WOMEN'S STUDIES

(CONTINUED)

WOMEN'S STUDIES

(CONTINUED)

GENDER & COMMUNICTN W S 323 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 3533005 A MWF 9:00-9:50
 MEETS: JAN 13-MAY 9
 3533010 B MWF 10:00-10:50
 MEETS: JAN 13-MAY 9
 3533015 C MW 2:10-4:30
 MEETS: MARCH 10-MAY 9

MEDIA PORTR GNDR&SX W S 325 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: RESTRICTED TO SOPHOMORES AND ABOVE.
 9115005 TR 2:10-3:30
 MEETS: JAN 13-MAY 9

SEX&GENDER IN SOCIE W S 327 3 CREDITS
 Prereq: SOC 130 OR 134
 Note: SEC A1 RESTRICTED TO SOC, P S A, W S.
 SEC A2 FOR MAJORS OTHER THAN SOC, P S A, W S.
 Meets U.S. diversity reqmt
 7061005 A1 T 4:10-7:00PM DOBRATZ B
 MEETS: JAN 13-MAY 9
 7061010 A2 T 4:10-7:00PM DOBRATZ B
 MEETS: JAN 13-MAY 9

MASCULINIT &MANHOOD W S 328 3 CREDITS
 Prereq: SOC 130, 134, OR W S 201
 Note: Meets U.S. diversity reqmt
 5672005 A1 MWF 11:00-11:50 BIRD S
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO SOC, W S MAJORS ONLY

AM INDIAN WMN WRITE W S 342 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 1520600 XW ARRANGED COPPOC J
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

WOMEN & LIT TOPICS W S 345 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 7063005 A1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 7063010 A2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

PSYCHOLOGY OF WOMEN W S 346 3 CREDITS
 Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101
 Note: Meets U.S. diversity reqmt
 7064005 A1 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 13-MAY 9
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 7064010 A2 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 13-MAY 9
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

FRNCH STUDI IN ENGL W S 370F 3 CREDITS
 Note: Meets international perspectives reqmt
 6727005 TR 11:00-12:20
 MEETS: JAN 13-MAY 9

WM&MEN ANC MEDITRNN W S 374 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN, OR GREEK
 Note: Meets international perspectives reqmt
 2256005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

HIST OF AMER WOMEN W S 386 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 7068600 XW ARRANGED BIX A
 MEETS: JAN 13-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

WOMEN, MEN & ENGL LANG W S 422 3 CREDITS
 Prereq: ENGL 219
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 1540005 A MWF 2:10-3:00
 MEETS: JAN 13-MAY 9

INTRSECT RACE, CLASS W S 425 3 CREDITS
 Prereq: 201 AND ONE ADDITIONAL W S COURSE
 7073005 MW 4:10-5:30
 MEETS: JAN 13-MAY 9

TOPICS WOMEN'S STDI W S 450 3 CREDITS
 Prereq: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
 Note: Instructor permission required 1st week.
 8910005 A TR 3:40-4:55 GOEBEL M
 MEETS: JAN 13-MAY 9
 Note: SEC A TOPIC: GENDER AND CONSUMER CULTURE
 8910600 XW ARRANGED SANDERS C
 MEETS: MARCH 10-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

INTDISC RES WMN&LDR W S 488 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 8767005 MWF 11:00-11:50
 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY W S 490 1- 3 CREDITS
 Prereq: ANY TWO COURSES IN W S
 Note: NO MORE THAN 6 CREDITS OF W S 490 MAY BE APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR INTERNSHIP W S 491 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 4097005 ARRANGED
 MEETS: JAN 13-MAY 9
 Note: Department permission required.
 4097061 DB ARRANGED
 MEETS: JAN 13-MAY 9

SENIOR THESIS W S 499 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CNTMP FEMINST THEOR W S 501 3 CREDITS
 4873005 A T 3:30-6:00PM
 MEETS: JAN 13-MAY 9
 Note: Department permission required 1st week.

INTRSECT RACE, CLASS W S 525 3 CREDITS
 Prereq: 201 AND ONE ADDITIONAL W S COURSE
 7076005 MW 4:10-5:30
 MEETS: JAN 13-MAY 9

SPECIAL TOPICS W S 590 VAR. CREDITS
 Prereq: PERMISN OF WOMEN'S STUDIES PROG DIRECTOR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PEDAGOGI OF DISSENT W S 621 3 CREDITS
 Prereq: 620
 9437005 T 2:10-5:00
 MEETS: JAN 13-MAY 9

WORLD LANGUAGES AND CULTURES

AMER SIGN LANGUA II WLC 106X 4 CREDITS
 Prereq: WLC 105X
 9548005 1 MTWR 11:00-11:50
 MEETS: JAN 13-MAY 9
 9548010 2 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 9

INTRO WORLD LANGUAG WLC 119 3 CREDITS
 Note: Meets international perspectives reqmt
 5865005 1A MWF 3:10-4:00
 MEETS: JAN 13-MAY 9
 Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
 5865010 1B MWF 3:10-4:00
 MEETS: JAN 13-MAY 9

INTM AM SIGN LNG II WLC 206X 4 CREDITS
 Prereq: WLC 205X OR EQUIVALENT
 8837005 MTWR 9:00-9:50
 MEETS: JAN 13-MAY 9

CULTURS IN TRANSITN WLC 270 3 CREDITS
 Note: TOPIC: RUSSIAN CULTURE OF THE 20TH & 21ST CENTURIES.
 Meets international perspectives reqmt
 4016005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

TOPCS WRLD LANG&CUL WLC 370X 3 CREDITS
 Note: TOPIC: PRESENT AND FUTURE CHALLENGES IN THE MIDDLE EAST: ENVIRONMENT, SUSTAINABILITY AND CULTURES
 Meets international perspectives reqmt
 Available for nonmajor graduate credit
 5368005 TR 12:40-2:00
 MEETS: JAN 13-MAY 9

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: 1ST 14 WKS
 Note: SEC 1 OFFERED FOR 14 CREDITS
 8139010 2 ARRANGED
 MEETS: LAST 14 WKS
 Note: SEC 2 OFFERED FOR 12 CREDITS

WORLD LANGUAGES AND CULTURES (CONTINUED)

STDT TCH WORLD LANG WLC 417G VAR. CREDITS
 8139015 3 ARRANGED
 MEETS: JAN 13-MARCH 7
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.
 8139020 4 ARRANGED
 MEETS: MARCH 10-MAY 9
 Note: SEC 4 OFFERED FOR 8 CREDITS.
 Instructor permission required.

THINK GLOBALLY WLC 491 1 CREDIT
 Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD
 AND/OR INTERNSHIP ABROAD
 Note: TOPIC: EXPERIENCES ABROAD: LEARNING TO
 THINK GLOBALLY
 Satisfactory-Fail Only.
 7493005 1 TR 2:10-3:30
 MEETS: JAN 13-MARCH 7

YOUTH

ADOLESCENTS THEIR FAMILI YTH 510X 3 CREDITS
 7294600 XG ARRANGED
 MEETS: JAN 21-MAY 2
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE
 TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE
 STILL SEATS AVAILABLE IN THE CLASS.
 Instructor permission required.
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

CMMUNTY YOUTH DEVEL YTH 520X 3 CREDITS
 9482600 XF ARRANGED GILLETTE M
 MEETS: JAN 21-MAY 2
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE
 TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE
 STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

9482605 XH ARRANGED GILLETTE M
 MEETS: JAN 21-MAY 2
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE
 TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE
 STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

9482610 XW ARRANGED GILLETTE M
 MEETS: JAN 21-MAY 2
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE
 TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE
 STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XW is off campus
 Course delivery is WWW

YOUTH IN CULTR CNTX YTH 530X 3 CREDITS
 7272600 XG ARRANGED
 MEETS: JAN 21-MAY 2
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE
 TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE
 STILL SEATS AVAILABLE IN THE CLASS.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

YTH PRO:RSCH CNSUMR YTH 540X 3 CREDITS
 7258600 XF ARRANGED DAS A
 MEETS: JAN 21-MAY 2
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE
 TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE
 STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 7258605 XH ARRANGED DAS A
 MEETS: JAN 21-MAY 2
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE

YOUTH (CONTINUED)

YTH PRO:RSCH CNSUMR YTH 540X 3 CREDITS
 TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE
 STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 7258610 XW ARRANGED DAS A
 MEETS: JAN 21-MAY 2
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE
 TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE
 STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XW is off campus
 Course delivery is WWW

YOUTH POLICY YTH 550X 3 CREDITS
 7740600 XG ARRANGED
 MEETS: JAN 21-MAY 2
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE
 TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE
 STILL SEATS AVAILABLE IN THE CLASS.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

YOUTH DEVELOPMENT YTH 634X 3 CREDITS
 7185600 XG ARRANGED
 MEETS: JAN 21-MAY 2
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE
 GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE
 TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE
 STILL SEATS AVAILABLE IN THE CLASS.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium