

Spring Semester 2019

Classes Begin	January 14
University Holiday	January 21
Spring Break	March 18-22
Final Exams	May 6-9
Commencement	May 11 (undergraduate)

Registration Start Dates for Spring 2019

Veterinary Medicine students:	Wednesday, October 17
Graduate students:	Wednesday, October 17-Friday October 19
All seniors:	Thursday, October 18-Wednesday, October 24
Projected juniors:	Thursday, November 25-Wednesday, October 31
Projected sophomores:	Thursday, November 1-Wednesday, November 7
Continuing freshmen:	Thursday, November 8-Thursday, November 15

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 2019 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

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Table of Contents for Courses

Spring Semester Courses

Page			
29	Accounting (ACCT)	90	Ecology & Evolutionary Biology (EEB)
30	Advertising (ADVRT)	90	Ecology, Evolution & Organismal Biology (EEOB)
31	Aerospace Engineering (AER E)	91	Economics (ECON)
33	African American Studies (AF AM)	93	Educational Administration (EDADM)
34	Agricultural & Biosystems Engineering (A B E)	93	Educational Leadership & Policy Studies (EL PS)
35	Agricultural Education & Studies (AGEDS)	93	Electrical Engineering (E E)
37	Agronomy (AGRON)	96	Engineering (ENGR)
40	Air Force Aerospace Studies (AFAS)	97	Engineering Mechanics (E M)
40	American Indian Studies (AM IN)	98	English (ENGL)
40	American Sign Language (ASL)	106	Entomology (ENT)
40	Animal Ecology (A ECL)	107	Entrepreneurship (ENTSP)
41	Animal Science (AN S)	107	Environmental Science (ENSCI)
44	Anthropology (ANTHR)	109	Environmental Studies (ENV S)
45	Apparel, Ed Studies & Hospitality (AESHM)	110	Event Management (EVENT)
47	Apparel, Merchandising, and Design (A M D)	110	Family & Consumer Sciences Education & Studies (FCEDS)
49	Arabic (ARABC)	111	Finance (FIN)
49	Architecture (ARCH)	112	Food Science & Human Nutrition (FS HN)
51	Art Education (ARTED)	115	Forestry (FOR)
51	Art History (ART H)	116	French (FRNCH)
52	Astronomy & Astrophysics (ASTRO)	116	Genetics (GEN)
52	Athletic Training (A TH)	117	Genetics - Interdisciplinary (GENET)
53	Athletics (ATH)	117	Genetics, Development & Cell Biology (GDCB)
53	Biochemistry, Biophysics, & Molecular Biology (BBMB)	117	Geology (GEOL)
55	Bioinformatics & Computational Biol. (BCBIO)	119	German (GER)
55	Bioinformatics & Computational Biology (BCB)	120	Gerontology (GERON)
55	Biological/Pre-Medical Illustration (BPM I)	120	Global Resource System (GLOBE)
55	Biology (BIOL)	121	Graduate Studies (GR ST)
58	Biomedical Engineering (B M E)	121	Graphic Design (ARTGR)
58	Biomedical Sciences (B M)	123	Greek (GREEK)
60	Biorenewable Resources & Technology (BRT)	123	Health Studies (H S)
60	Business Administration (BUSAD)	124	Higher Education (HG ED)
61	Chemical Engineering (CH E)	124	Historical, Philosophical, & Comparative Education (H P C)
62	Chemistry (CHEM)	124	History (HIST)
68	Chinese (CHIN)	124	Honors (HON)
68	Civil Engineering (C E)	126	Horticulture (HORT)
70	Classical Studies (CL ST)	128	Hospitality Management (HSP M)
71	Communication Disorders (CMDIS)	129	Human Computer Interaction (HCI)
71	Communication Studies (COMST)	129	Human Development & Family Studies (HD FS)
72	Community & Regional Planning (C R P)	133	Human Sciences (H SCI)
73	Computer Engineering (CPR E)	133	Immunobiology (IMBIO)
76	Computer Science (COM S)	134	Industrial Design (IND D)
79	Construction Engineering (CON E)	135	Industrial Engineering (I E)
80	Criminal Justice Studies (CJ ST)	135	Information Assurance (INFAS)
80	Curriculum & Instruction (C I)	136	Integrated Studio Arts (ARTIS)
87	Dance (DANCE)	139	Interdisciplinary Graduate Studies (IGS)
88	Data Science (DS)	140	Interior Design (ARTID)
88	Design (DES)	140	International Studies (INTST)
88	Design Studies (DSN S)	141	Italian (ITAL)
		141	Journalism & Mass Communication (JL MC)
		142	Kinesiology (KIN)
		146	Landscape Architecture (L A)
		148	Latin (LATIN)
		148	Leadership Studies (LD ST)
		148	Learning & Leadership (L L S)
		148	Liberal Arts & Sciences (LAS)
		149	Library (LIB)
		149	Linguistics (LING)
		150	Management (MGMT)
		152	Management Information Systems (MIS)
		153	Marketing (MKT)
		155	Materials Engineering (MAT E)
		156	Materials Science & Engineering (M S E)
		156	Mathematics (MATH)
		162	Mechanical Engineering (M E)
		165	Meteorology (MTEOR)
		166	Microbiology (MICRO)
		167	Military Science (M S)
		168	Molecular, Cellular, Developmental Biology (MCDDB)
		168	Music (MUSIC)
		172	Natural Resource Ecology & Management (NREM)
		174	Naval Science (N S)
		174	Neuroscience (NEURO)
		174	Nuclear Engineering (NUC E)
		174	Nutritional Sciences (NUTRS)
		174	Organization for Tropical Studies (OTS)
		175	Performing Arts (PERF)
		175	Philosophy (PHIL)
		175	Physics (PHYS)
		181	Plant Biology (PLBIO)
		182	Plant Pathology (PL P)
		182	Political Science (POL S)
		183	Portuguese (PORT)
		183	Psychology (PSYCH)
		186	Public Relations (P R)
		186	Religious Studies (RELIG)
		187	Research & Evaluation (RESEV)
		187	Russian (RUS)
		187	Seed Technology & Business (STB)
		187	Sociology (SOC)
		188	Software Engineering (S E)
		189	Spanish (SPAN)
		190	Special Education (SP ED)
		192	Speech Communication (SP CM)
		192	Statistics (STAT)
		194	Supply Chain Management (SCM)
		195	Sustainable Agriculture (SUSAG)
		196	Sustainable Environments (SUS E)
		196	Technology & Social Change (T SC)
		196	Technology Systems Management (TSM)
		198	Theatre (THTRE)
		199	Toxicology (TOX)
		199	Transportation (TRANS)
		199	U.S. Latino/A Studies (US LS)
		200	University Studies (U ST)
		200	Urban Design (URB D)
		200	Veterinary Diagnostic & Production Animal Medicine (VDPAM)
		202	Veterinary Clinical Sciences (V C S)
		204	Veterinary Microbiology & Preventive Medicine (V MPM)
		204	Veterinary Pathology (V PTH)
		205	Wind Energy (WESEP)
		205	Women's Studies (W S)
		206	World Languages & Cultures (WLC)

Key Dates, Deadlines, Information

AccessPlus Registration

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

Academic Probation

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

Auditing Courses

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

Emergency Contact List

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

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

Fee Payment Deadlines

Fee payment deadlines for Spring 2019 are January 20, February 20, and March 20 for deferred billing. A \$20 deferred billing charge is assessed. Contact Accounts Receivables for information.

Graduation Information

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

ISU ALERT

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

Registration Start Dates

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

Room Assignments

Room assignments will be shown on AccessPlus class schedules on Monday, December 3. 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 18. 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 2019

Jan. 1, Tues.	<ul style="list-style-type: none"> • University bills with Spring 2019 tuition and fees charges available on AccessPlus. • University holiday- offices closed 	Feb. 12, Tues.	<ul style="list-style-type: none"> • Registration Authorization Numbers for Summer 2019 and Fall 2019 registration available to colleges, if applicable.
Jan. 11, 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. 13. 	Feb. 15, Fri.	<ul style="list-style-type: none"> • Advising period for Summer and Fall 2019 registration begins. • 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. 28 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. 13, 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. 19, Tues.	<ul style="list-style-type: none"> • Last day to change degree audit information for spring.
Jan. 14, Mon.	<ul style="list-style-type: none"> • Class work begins. • Schedule changes processed through AccessPlus registration or in 10 Enrollment Services Center. 	Feb. 20, Wed.	<ul style="list-style-type: none"> • Fee payment deadline, spring. Second payment (minimum due).
Jan. 18, 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 2019 are due in the Graduate College, 1137 Pearson Hall. 	Feb. 23, Sat	<ul style="list-style-type: none"> • Schedule of Classes for Fall 2019 available for viewing on the Web at http://classes.iastate.edu/ • Deadline for submitting approved, new experimental course announcement forms (with all signatures) for Summer 2019 to the Registrar's Student Scheduling Office, 10 Enrollment Services Center. • Textbook & Supply requisitions for summer classes due to University Bookstore.
Jan. 19, 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 1, Fri.	<ul style="list-style-type: none"> • Fee payment deadline for spring. First payment (minimum due) or payment in full. • First half-semester courses end.
Jan 20, Sun.	<ul style="list-style-type: none"> • Fee payment deadline for spring. First payment (minimum due) or payment in full. 	Jan 20, Sun.	<ul style="list-style-type: none"> • Fee payment deadline for spring. First payment (minimum due) or payment in full. • First half-semester courses end.
Jan. 21, Mon.	<ul style="list-style-type: none"> • University holiday—offices closed, classes recessed. 	March 8, Fri.	<ul style="list-style-type: none"> • Midterm grade reports due from all departments on Canvas and AccessPlus.
Jan. 28, Mon.	<ul style="list-style-type: none"> • Last day to change a full-semester or first half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation. • Last day to elect to audit a full-semester course for spring. The instructor of the course must approve an audit. 	March 8, Fri. 2:15 p.m	<ul style="list-style-type: none"> • Second half-semester courses begin. • Last day to process most schedule changes in 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 2019 or Fall 2019 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
Feb 5, Tues.	<ul style="list-style-type: none"> • Fall 2019 Schedule of Classes proof copy due in Registrar's Office, with or without changes 	March 11, Mon. March 15, Fri.	<ul style="list-style-type: none"> • 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 2019 or Fall 2019 should submit a Graduation Application to the Registrar's Graduation Office, 210 Enrollment Services Center, after registering for final course work. Applications are available from advisers or the Registrar's Graduation Office, 210 Enrollment Services Center, or via www.iastate.edu/~registrar/graduation
		March 18-22, Mon.-Fri.	<ul style="list-style-type: none"> • Spring break, classes recessed.
		March 20, Wed.	<ul style="list-style-type: none"> • Fee payment deadline, spring semester. Final payment due.
		March 23, 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. 23 count toward total allowable P/NP credits used for graduation.

University Calendar Spring 2019

March 27, Wed.	<ul style="list-style-type: none"> • Registration period for Summer 2019 and Fall 2019 begins. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. • First day of assigned Summer 2019 and Fall 2019 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 23, Thurs.	<ul style="list-style-type: none"> • Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review.
March 27, Tues	<ul style="list-style-type: none"> • First day of assigned Summer 2019 and Fall 2019 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	April 27, Sat.,	<ul style="list-style-type: none"> • Room assignments for Summer 2019 courses displayed in the online Schedule of Classes. • Beginning summer class lists available on AccessPlus.
Mar. 29, 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 • 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. • Graduate College: Last day for graduate students to cancel graduation through AccessPlus. 	May 1, Wed.	<ul style="list-style-type: none"> • University bills with Summer 2019 tuition and fees charges available on AccessPlus
April 1, Mon.	<ul style="list-style-type: none"> • Preliminary room assignments for Summer 2019 distributed to departments from Room Scheduling. 	May 2, Thurs.	<ul style="list-style-type: none"> • End of term textbook buyback begins at University Bookstore.
April 4, Thurs.	<ul style="list-style-type: none"> • First day of assigned Summer 2019 and Fall 2019 registration dates for students projected as sophomores. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. • Preliminary room assignments for Summer 2018, with changes due back to Room Scheduling from departments. 	May 6-May 8, Mon.-Thurs.	<ul style="list-style-type: none"> • Final examinations.
April 12, 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 8 count toward total allowable P/NP credits used for graduation. 	May 9, Thurs.	<ul style="list-style-type: none"> • Graduate College Commencement: www.iastate.edu/~registrar/graduation • Undergraduate applications for graduation for Summer 2019 and Fall 2019 are due in the Registrar's Graduation Office, 210 Enrollment Services Center. • Spring semester ends. • Graduate College applications for graduation for Summer 2019 are due in the Graduate College, 1137 Pearson Hall.
April 18, Thurs.	<ul style="list-style-type: none"> • First day of assigned Summer 2019 and Fall 2019 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. • Graduate College: last day for final oral examinations. • Deadline for Summer 2019, 12-week and Session I course cancellations due to low enrollment. 	May 10, Fri.	<ul style="list-style-type: none"> • Graduate College applications for graduation for Summer 2019 are due in the Graduate College, 1137 Pearson Hall.
April 23, 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. 	May 11, Sat.	<ul style="list-style-type: none"> • Undergraduate Commencement:
April 24, Wed.	<ul style="list-style-type: none"> • Last day of assigned registration start dates for Summer 2019 and Fall 2019 registration. 	May 13, Mon.	<ul style="list-style-type: none"> • Registration Authorization information available for new Fall 2019 freshmen or distributed to Colleges, if applicable.
		May 17, Fri., 2:15 p.m.	<ul style="list-style-type: none"> • Final grades due on Canvas and AccessPlus.
		May 23, Thurs.	<ul style="list-style-type: none"> • Grade reports available on AccessPlus.

Resources

Admissions www.admissions.iastate.edu

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

College Student Services Offices

Agriculture and Life Sciences..... 20 Curtiss 294-2766
 Business 1200 Gerdin..... 294-8430
 Design 297 College of Design 294-6983
 Engineering 1300 Marston 294-7186
 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
 Fees & Tuition 10 Enrollment Services Center 294-2331
 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 214 Enrollment Services Center 294-0025 or 294-0767
 Schedule Changes 10 Enrollment Services Center 294-2331
 Student Records 214 Enrollment Services Center 294-1840
 Transcripts 214 Enrollment Services Center 294-1840
 Veterans Certification 214 Enrollment Services Center 294-1840
 Veterans Services Center 3578 Memorial Union..... 294-9801

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 3241 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 2018-2019 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.

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.

Reentering Students

Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, Scheduling & Fees area, 10 Enrollment Services Center, at 515-294-2331, 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 Scheduling & Fees 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
1300 Marston
294-7186**

**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 Vet Med
294-0772**

International Students

All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term). International student reentry forms are available through the ISU index under Reentering ISU, International Students and Scholars or from the Scheduling & Fees area at 10 Enrollment Services Center;. 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 & Scholars, 3241 Memorial Union, at 515-294-1120, or by e-mail: intlerv@iastate.edu.

Academically Dismissed

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

Approving Reentry

All reentry forms should be submitted to the Office of the Registrar, Scheduling & Fees area, 10 Enrollment Services Center; or faxed to 515-294-2034 well in advance of the beginning of the term for which reentry is sought. The Office of the Registrar will process the form, or refer the reentry form to the college to which a student plans to return if the student (a) desires to change curriculum; (b) has a previous Iowa State University cumulative grade point average below 2.00 or had a last term average below 2.00; (c) was dropped from Iowa State for unsatisfactory academic progress or was not otherwise in good standing; or (d) since leaving Iowa State, has completed additional college study with less than a 2.00 grade point average. Once approved, they will receive a letter from the Office of the Registrar with information about registration.

How to Register

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

Returning Students**Undergraduate and Nondegree Students**

Non-international undergraduate and non-degree students, who have been away from Iowa State for less than 12 months and who were not academically dismissed, may contact the Office of the Registrar, Scheduling & Fees area, at 515-294-2331 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their adviser to discuss course selection. These students do not need to complete a reentry form.

Academically Dismissed

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

Graduate Students

All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Scheduling & Fees area, at 515-294-2331 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 Saturday, December, 1.
- 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 2019 is Sunday, January 13th or the Scheduling & Fees Office in 10 Enrollment Services Center for Spring 2019 is Friday, January 11. A late registration fee is assessed for a registration initiated on or after the first day of classes. See the Tuition & Fees section for the late fee amounts.

Cancelling Registration

Notify the Office of the Registrar by 5 p.m. Friday, January 11, of intent to cancel registration, or drop all classes on AccessPlus by 11 p.m. Sunday, January 13 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

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 L TM 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 Scheduling & Fees 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 & 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 2019 Tuition & Fees

Tuition & fees are subject to change without notice. For the most current tuition & fee rates visit www.registrar.iastate.edu/fees/

Payment of Fees

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

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

Deferred Billing

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

Past Due Accounts

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

Cancelling Registration

A cancellation is processed when a student notifies the Office of the Registrar, prior to the day class work begins, of their decision not to attend classes for the current semester. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by 5:00p.m. Friday, January 11; or drop all of your classes through AccessPlus by 11 p.m., Sunday, January 13.

You may cancel your registration by contacting the Office of the Registrar Scheduling & Fees at 515-294-2331 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 14), 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 & 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 2019 for Full-term courses:

Withdrawal Date	Student Pays
Jan. 14-18	10%
Jan. 19-28	25%
Jan. 29-Feb 4	50%
Feb.5-11	75%
After Feb. 11	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 Scheduling & 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.

Tuition Assessment & Additional information:

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

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.

- 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.
- Zero credit course is assessed based on contact hours with a maximum assessment of 3 credits.

Appealing Tuition Assessments

Students may appeal a tuition and fees assessment for withdrawal by obtaining a "Procedures for Appealing Assessed Tuition" form from the Scheduling & Fees Office, 10 Enrollment Services. 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.

Cancelling Registration

A cancellation is processed when a student notifies the Office of the Registrar of their decision not to attend classes for the current semester prior to the day class work begins. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by 4:00 p.m. Friday, January 11; or drop all of your classes through AccessPlus by 11 p.m. Sunday, January 13.

You may cancel your registration by contacting the Office of the Registrar at 515-294-2331 or go to the ISU index under Cancelling Registration. Students should make a record of the name of the person taking the call, as well as the time and date called.

Withdrawing Registration

Beginning the first day of class (Monday, January 14), students who decide not to continue attending classes must process a withdrawal form.

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

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

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

GLOSSARY OF FEES

Activity, Services, Building and Recreation Fee

The activity, services, building and recreation fee is a mandatory fee that supports a variety of activities and services for all full time students. It is not based on whether or not a student uses an individual activity or service. This fee provides several benefits such as student admission rates to concerts and athletic events and unlimited use of CyRide. In addition, the fee provides support for campus recreation facilities, the Memorial Union, and campus organizations and services as allocated by the Government of the Student Body. Full-time students will be charged \$329.70 each fall and spring semester, and all students will be charged \$165.50 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 Post Secondary Enrollment Options Act. Students in exemption categories named above may elect to pay this fee and will be assessed based upon their enrollment status. For students who withdraw or change to an exempt status the tuition adjustment schedule will be used for the activity fee.

Admissions Application Fee

A nonrefundable application fee must accompany the application for admission. The application fee is \$40 for domestic undergraduate, \$60 for graduate applicants, \$40 for non-degree graduates, \$50 for international undergraduate applicants, \$100 for international graduate applicants, and \$75 for Veterinary Medicine 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 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 \$120 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;

GR ST 680, 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 (January 28) with no adjustment after that time. No adjustment can be made if a student has used the services of the Thielen Student Health Center prior to withdrawing from or changing to an exempt status at the university. Students who add courses at any time during the term will be assessed the Health Fee according to the guidelines stated above.

Students who are exempt from the mandatory Health Fee may use the services of the Thielen Student Health Center on a fee for service basis or may elect to pay the \$120 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 \$120 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 13 is the last day to initiate a registration for full semester courses for Spring 2019 without a late registration fee. Beginning Monday, January 14, undergraduate students are assessed a late registration fee of \$20. Graduate students are assessed a late registration fee of \$30 the first week of classes, \$60 the second week, and \$100 the third week or later.

New Student Programs/Matriculation Fee

A \$195 fee is assessed to all new degree-seeking students prior to admission. This fee does not apply to nondegree seeking students, veterinary medicine students, graduate students, or students enrolled exclusively in distance education courses.

Special Course Fees

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

Health Facility Fee

All students are assessed an \$8 health facility fee for Spring 2019, 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 680, 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.

Graduation

Undergraduate Students

Spring 2019 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.

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 11, 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 2019.

- An "Application for Graduation" (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, January 25.
- Last day for graduate students to cancel graduation is March 29.
- 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 19.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, April 23. 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 19.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Tuesday, April 23. This form will be sent to their major professor or department when their "Request for Final Examination" is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.
- Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

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

The Graduate College commencement ceremony will be held at Thursday, May 9th, contingent on the president's decision.

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 2018-2019 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 2018-2019 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)

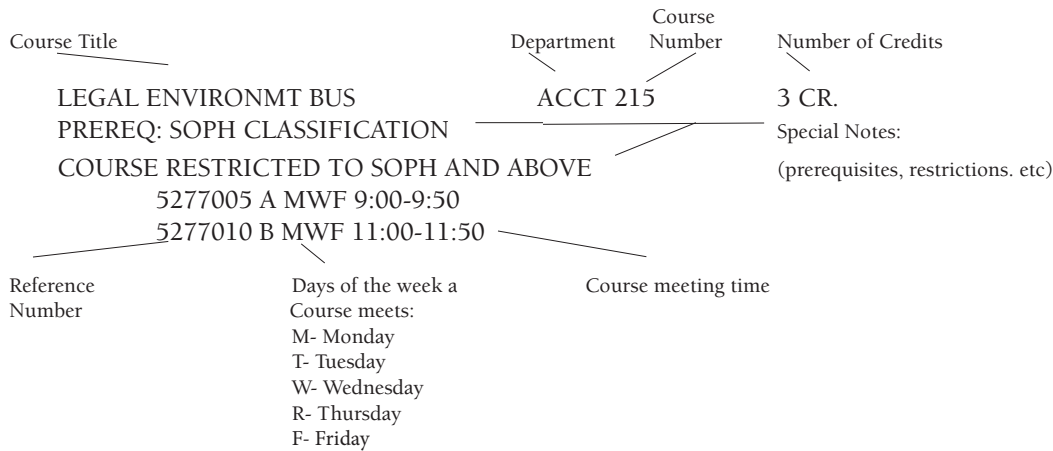
The Iowa State University student identification card (ISUCard) will be made available to students at the time of their first registration. This is a permanent card to be used while attending Iowa State. Loss of their ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where 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 \$25 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 2018-2019 catalog. Copies of the catalog may be purchased in campus area bookstores. The information is also available through the ISU index under catalog.

Credit Involving a Paid Activity

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

Credits Limits

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

Students may request a change in their credit limit by contacting their adviser. Advisers should notify the student's college student services office if the credit limit needs to be changed.

Distance Education Course Information

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

Experimental Courses

Experimental courses (course numbers ending in "X") are not included in the Iowa State University Undergraduate and Graduate Courses and Programs 2018-2019 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 Scheduling & Fees Office, 10 Enrollment Services Center. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the Iowa State University Undergraduate and Graduate Courses and Programs 2018-2019 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 Scheduling & Fees Office, 10 Enrollment Services Center.

Room Assignments

Beginning Monday, December 3, 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 2019

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 2018-2019 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 Friday, May 3 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 the semester begins if appropriate exam times and rooms can be arranged.

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.

Tentative Final Exams Based on First Contact

The standard Final Exam schedule will be based on the first contact day and time of the course. The Final Exam schedule may be viewed from the following link: <http://www.registrar.iastate.edu/students/exams>

Combined Group Exams

Some courses, as determined by the departmental preference and/or time and room scheduling difficulties, may have combined group exams. The list of courses may vary from semester to semester. The Special Group Final Exam courses and schedule will be posted by that semester midterm. The Special Group Final Exam schedule may be viewed from the following link: <http://www.registrar.iastate.edu/students/exams>

All Final Exam times should be verified with the instructor.

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.
Design	College of Design	Morrill	Morrill Hall
Durham	Durham Center	Music	Music Hall
Eaton	Eaton Hall	NSRIC	National Swine Research and Information Center
E Hall	East Hall	Palmer	Palmer HDFS Bldg.
Elings	Elings Hall	Pearson	Pearson Hall
Farm Bu	Farm Bureau Livestock Pav. (Kildee)	Physics	Physics Hall
Food Sc	Food Sciences Building	Phys A	Physics Addition
Forker	Barbara Forker Building	Roberts*	Roberts Residence Hall
Friley*	Friley Residence Hall	Ross H	Ross Hall
Gerdin	Gerdin Business Building	Scheman	Scheman Building
Gilman	Gilman Hall	Science	Science Hall I
Hach	Hach Hall	Sci 2	Science Hall II
Hamilton	Hamilton Hall	Seed	Seed Science Bldg.
Heady	Heady Hall	Sned H	Snedecor Hall
Hoover	Hoover Hall	Sped. H	Spedding Hall
Horse B	Horse Barn	St Gym	State Gymnasium
Hort	Horticulture Hall & Greenhouse	Sukup	Sukup Hall
Howe	Howe Hall	Sweeney	Sweeney Hall
I Ed I	Industrial Education Bldg. I	Town	Town Engineering Bldg.
I Ed II	Industrial Education Bldg. II	Troxel	Troxel Hall
Insect	Insectary and Greenhouse	Vet Med	Veterinary Medicine Bldg.
Jischke	Martin Jischke Honors Bldg.	Wilhelm	Wilhelm Hall
Kildee	Kildee Hall	Zaffrno	Zaffarano Physics Addition
King PV	King 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	UDACC	Union Drive Community Center

ACCOUNTING

LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS

Prereq: SOPH CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH AND ABOVE

- 5277005 A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
- 5277010 B MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
- 5277015 C MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

FINANCIAL ACCOUNTNG ACCT 284 3 CREDITS

Note: COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

- 1110005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10
- 1110010 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10
- 1110015 C TR 2:10-3:30
 MEETS: JAN 14-MAY 10
- 1110020 D TR 3:40-5:00
 MEETS: JAN 14-MAY 10

MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS

Prereq: ACCT 284
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS.

- 1112005 A TR 9:30-10:45
 MEETS: JAN 14-MAY 10
- 1112010 B TR 11:00-12:15
 MEETS: JAN 14-MAY 10
- 1112015 C MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
- 1112020 D MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
- 1112025 E MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
- 1112030 F MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
- 1112035 G TR 12:40-1:55
 MEETS: JAN 14-MAY 10
- 1112040 J TR 2:10-3:25
 MEETS: JAN 14-MAY 10
- 1112045 K MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
- 1112050 L MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
- 1112055 M TR 3:40-4:55
 MEETS: JAN 14-MAY 10

THE ACCOUNTNG CYCLE ACCT 301 1 CREDIT

Prereq: ACCT 284
 Note: THIS COURSE IS TAUGHT ENTIRELY ONLINE & IS ACCESSABLE THROUGH CANVAS. THERE IS NO REQUIRED FACE-TO-FACE MEETINGS. THIS COURSE CARRIES AN ADDITIONAL COST OF APPROXIMATELY \$50 TO ACCESS THE REQUIRED COMPUTER SOFTWARE PROGRAM. RESTRICTED TO BUSINESS COLLEGE MAJORS ONLY.

- 1078005 A ARRANGED
 MEETS: JAN 14-MAY 10

Note: Course delivery is WWW

BSNSS DATA STRM&ISS ACCT 315X 3 CREDITS

Prereq: COM S 113
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, SCM & MKT UNDERGRADS

- 8259005 A T 6:40-9:25PM
 MEETS: JAN 14-MAY 10

BUSINESS LAW ACCT 316 3 CREDITS

Prereq: ACCT 215
 Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS ONLY. NOT OPEN TO P BUS MAJORS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

- 5278005 1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

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 8:00-8:50
 MEETS: JAN 14-MAY 10
- 1117010 A2 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
- 1117015 B1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
- 1117020 B2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
- 1117025 C1 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
- 1117030 C2 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

ACCOUNTING

(CONTINUED)

ACCT INFO SYSTEMS ACCT 384 3 CREDITS

Prereq: ACCT 285 OR ACCT 501; ACCT 301; MIS 301
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2,C2 ETC RESTRICTED TO BUS COLLEGE MAJORS EXCEPT ACCT, P BUS. COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

- 1123005 A1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
- 1123010 A2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
- 1123015 B1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10
- 1123020 B2 TR 9:30-10:45
 MEETS: JAN 14-MAY 10
- 1123025 C1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
- 1123030 C2 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

INTMED ACCOUNTING I ACCT 386 3 CREDITS

Prereq: ACCT 284 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 2:10-3:25
 MEETS: JAN 14-MAY 10
- 1118010 A2 TR 2:10-3:25
 MEETS: JAN 14-MAY 10
- 1118015 B1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10
- 1118020 B2 TR 9:30-10:45
 MEETS: JAN 14-MAY 10
- 1118025 C1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
- 1118030 C2 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

INTMD ACCOUNTING II ACCT 387 3 CREDITS

Prereq: C- OR BETTER IN ACCT 386
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2 RESTRICTED TO BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY. NOT OPEN TO P BUS OR GRADUATE STUDENTS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

- 1119005 A1 TR 12:40-1:55
 MEETS: JAN 14-MAY 10
- 1119010 A2 TR 12:40-1:55
 MEETS: JAN 14-MAY 10
- 1119015 B1 MW 5:10-6:25PM
 MEETS: JAN 14-MAY 10
- 1119020 B2 MW 5:10-6:25PM
 MEETS: JAN 14-MAY 10
- 1119025 C1 TR 3:40-4:55
 MEETS: JAN 14-MAY 10
- 1119030 C2 TR 3:40-4:55
 MEETS: JAN 14-MAY 10

APP&CMM MANAGER ACC ACCT 483 3 CREDITS

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

- 8793005 A M 6:40-10:00PM
 MEETS: JAN 14-APRIL 8

PRIN FED INCOME TAX ACCT 485 3 CREDITS

Prereq: C- OR BETTER IN ACCT 386 OR ACCT 501
 Note: COURSE RESTRICTED TO ACCT MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION. Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

- 1121005 A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
- 1121010 B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

VOLUN INCM TAX ASSI ACCT 487 1 CREDIT

Prereq: ACCT 285 OR ACCT 501
 Note: SEC A LEC MEETS 1/14-2/13 LAB MEETS 2/18-4/17

- 3365005 A ARRANGED
 MEETS: JAN 14-APRIL 17
- NONPROFIT INST ACCT ACCT 488 3 CREDITS
- Prereq: ACCT 386
 Note: COURSE NOT OPEN TO P BUS. COURSE RESTRICTED TO COLLEGE OF BUISNESS MAJORS ONLY. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
- 1120005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

CORP SOC RSPSB RPTG ACCT 489 3 CREDITS

Note: COURSE RESTRICTED TO ACCT MAJORS ONLY

- 9713005 A W 6:40-10:00PM
 MEETS: JAN 16-APRIL 10

ACCOUNTING (CONTINUED)

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.
 7148005 A TR 9:30-10:45
 MEETS: JAN 14-MAY 10

ACCT IN GLOBAL ECON ACCT 496 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: COURSE RESTRICTED TO ACCT UNDERGRADS
 & I BUS MAJORS ONLY
 9026005 A R 6:40-10:00PM
 MEETS: JAN 17-APRIL 11

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.
 1126005 A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 1126010 B MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 1126015 C MW 5:10-6:25PM
 MEETS: JAN 14-MAY 10

CAPSTONE IN ACCOUNT ACCT 498 2 CREDITS
 Prereq: ACCT 383, ACCT 384, ACCT 387, CREDIT
 OR ENROLLMENT IN ACCT 485
 Note: COURSE RESTRICTED TO ACCT SENIORS ONLY.
 4477005 A MW 10:00-10:50
 MEETS: JAN 14-MAY 10
 4477010 B MW 3:10-4:00
 MEETS: JAN 14-MAY 10
 4477015 C MW 4:10-5:00
 MEETS: JAN 14-MAY 10

ACCT FOR DECISN MAK ACCT 581 3 CREDITS
 Prereq: ACCT 501 OR EQUIVALENT
 9116005 A MW 4:10-5:55
 MEETS: JAN 14-APRIL 10

CORP GOVERN&TOP MGT ACCT 582 3 CREDITS
 Prereq: MGMT 503 OR PERMISSION
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1157005 A M 6:40-10:00PM
 MEETS: JAN 14-APRIL 8

APP&CMM MANAGER ACC ACCT 583 3 CREDITS
 Prereq: ACCT 383 OR ACCT 581
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1009005 A M 6:40-10:00PM
 MEETS: JAN 14-APRIL 8

VOLUN INCM TAX ASSI ACCT 587 1 CREDIT
 Prereq: ACCT 285 OR ACCT 501
 1089005 A ARRANGED
 MEETS: JAN 14-APRIL 17
 Note: SEC A LEC MEETS 1/14-2/13 LAB
 MEETS 2/18-4/17

GOV'T&NON-PRFT ACCT ACCT 588 3 CREDITS
 Prereq: ACCT 387
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2909005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

CORP SOC RSPSB RPTG ACCT 589 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1242005 A W 6:40-10:00PM
 MEETS: JAN 16-APRIL 10

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

FIN STATEMNT ANALYS ACCT 592 3 CREDITS
 Prereq: ACCT 284 OR ACCT 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1357005 A TR 11:00-12:15
 MEETS: JAN 14-MAY 10

ADV ACCNTNG PROBLMS ACCT 595 3 CREDITS
 Prereq: ACCT 387
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1011005 A TR 9:30-10:45
 MEETS: JAN 14-MAY 10

ACCOUNTING (CONTINUED)

ACCT IN GLOBAL ECON ACCT 596 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2892005 A R 6:40-10:00PM
 MEETS: JAN 17-APRIL 11

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

ADVERTISING

ADVERTISING PRINCIP ADVRT 230 3 CREDITS
 4667005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

STRATEG PLAN AD&P.R ADVRT 301 3 CREDITS
 Prereq: ADVRT 230 OR P R 220
 Note: SEC 1A,2A ETC RESTRICTED TO JL MC, ADVRT, P R
 SEC 1B,2B ETC FOR MAJORS OTHER THAN JL MC, ADVRT,
 P R
 4439015 2A TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 4439020 2B TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 4439025 3A TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 4439030 3B TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 4439035 4A TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 4439040 4B TR 11:00-12:20
 MEETS: JAN 14-MAY 10

ADVERTSNG CREATIVTY ADVRT 334 3 CREDITS
 Prereq: JL MC 101; C+ OR BETTER IN JL MC 201;
 ADVRT 301 OR P R 301
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY.
 4669005 1 MW 10:00-11:50
 MEETS: JAN 14-MAY 10
 4669010 2 MW 1:10-3:00
 MEETS: JAN 14-MAY 10

ADVERT MEDIA PLANNG ADVRT 335 3 CREDITS
 Prereq: ADVRT 301 OR P R 301
 4670005 1A MW 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO JL MC, ADVRT, P R
 MAJORS ONLY
 4670010 1B MW 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT,
 P R

ADVERT ACCOUNT MGMT ADVRT 336 3 CREDITS
 Prereq: JL MC 110; C+ OR BETTER IN JL MC 201;
 ADVRT 301 OR P R 301
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONY
 4440005 1 MW 5:10-6:20PM
 MEETS: JAN 14-MAY 10
 4440010 2 MW 12:10-1:30
 MEETS: JAN 14-MAY 10

PRO SKILL DEVEL:MAP ADVRT 390A 1 CREDIT
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR
 PERMISSION FOR NONMAJORS
 9707005 1 ARRANGED
 MEETS: JAN 14-MAY 10

ADVERTISING CAMPNGS ADVRT 434 3 CREDITS
 Prereq: C+ OR BETTER IN ADVRT 344 OR ADVRT 336,
 CLASSIFICATION IN IN ADVRT, JL MC, OR P R MAJOR
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS
 ONLY
 4685005 1 MW 2:10-3:30
 MEETS: JAN 14-MAY 10

AD PORTFLIO PRACTCM ADVRT 436 3 CREDITS
 Prereq: ADVRT 334, NONMAJORS BY INSTRUCTOR
 PERMISSION ONLY
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS
 ONLY
 4443005 1 TR 11:40-1:00
 MEETS: JAN 14-MAY 10

SPL TOPC MAGZN PUBL ADVRT 497C 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9909005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

SPL TP FIRST AMENDM ADVRT 497D 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9719005 1 MW 1:30-3:00
 MEETS: JAN 14-MARCH 8

ADVERTISING (CONTINUED)

SPL TOP COMPUT COMM ADVRT 497J 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9906005 A1 MW 4:10-5:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY
 9906010 A2 MW 4:10-5:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN ADVRT, JL MC,
 P R

SP TP SPRT&MDIA,DIG ADVRT 497K 3 CREDITS
 8844005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

SPL TOP:PLN SO MDIA ADVRT 497L 1- 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9649005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

PRO MDIA INTERN:REQ ADVRT 499A 3 CREDITS
 Prereq: JL MC 110; FORMAL FACULTY ADVISR APPROVL;
 ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301
 JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 306
 P R MAJORS: P R 301 AND C+ OR BETTER IN P R 321
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO MDIA INTERN:OPT ADVRT 499B 1- 3 CREDITS
 Prereq: JL MC 110; FORMAL FACULTY ADVISR APPROVAL
 ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301
 JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 306
 P R MAJORS: P R 301 AND C+ OR BETTER IN P R 321.
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AEROSPACE ENGINEERING

AEROSPAC ENG PROBLM AER E 160 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH
 PLACEMENT EXAM; 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
 6215005 1 MW 10:00-10:50 RAYBURN C
 T 2:10-4:00
 MEETS: JAN 14-MAY 10

NUM&GRAPHC&LAB TCNQ AER E 161 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN AER E 160
 OR EQUIVALENT COURSE
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 7834005 1 MW 9:00-9:50 ALTUKHOVA N
 F 9:00-10:50
 MEETS: JAN 14-MAY 10
 7834010 2 MW 9:00-9:50 ALTUKHOVA N
 F 9:00-10:50
 MEETS: JAN 14-MAY 10
 7834015 3 MW 9:00-9:50 ALTUKHOVA N
 F 9:00-10:50
 MEETS: JAN 14-MAY 10
 7834020 4 MW 11:00-11:50 ALTUKHOVA N
 F 11:00-12:50
 MEETS: JAN 14-MAY 10
 7834025 5 MW 1:10-2:00 ALTUKHOVA N
 F 1:10-3:00
 MEETS: JAN 14-MAY 10

HONOR NUM&GRPH TCNQ AER E 161H 3 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 MW 11:00-11:50 ALTUKHOVA N
 F 11:00-12:50
 MEETS: JAN 14-MAY 10
 8247010 2 MW 11:00-11:50 ALTUKHOVA N
 F 11:00-12:50
 MEETS: JAN 14-MAY 10

AEROSPACE SEMINAR AER E 192 R CREDIT
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY.
 Satisfactory-Fail Only.
 1085005 1 M 4:10-5:00 KESTER J
 MEETS: JAN 14-MAY 10
 1085010 2 M 4:10-5:00 KESTER J
 MEETS: JAN 14-MAY 10
 1085015 3 M 4:10-5:00 KESTER J
 MEETS: JAN 14-MAY 10
 1085020 4 W 4:10-5:00 KESTER J
 MEETS: JAN 14-MAY 10
 1085025 5 W 4:10-5:00 KESTER J
 MEETS: JAN 14-MAY 10
 1085030 6 W 4:10-5:00 KESTER J
 MEETS: JAN 14-MAY 10

AEROSPACE ENGINEERING (CONTINUED)

HONOR AEROSPC SEMNR AER E 192H R CREDIT
 Note: COURSE RESTRICTED TO HONORS STUDENTS
 Satisfactory-Fail Only.
 2647005 1 F 4:10-5:00 KESTER J
 MEETS: JAN 14-MAY 10
 2647010 2 F 4:10-5:00 KESTER J
 MEETS: JAN 14-MAY 10

INTRO PERFRMNC&DSGN AER E 261 3 CREDITS
 Prereq: MATH 166, PHYS 221, CREDIT OR ENROLLMENT
 IN AER E 161
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 6021005 1 MWF 9:00-9:50 RAJAGOPALAN R
 MEETS: JAN 14-MAY 10
 6021010 2 MWF 1:10-2:00 JOHANNSEN J
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY AER E 290C 1- 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION, DEPT APPROVAL
 Note: OFFERED FOR 2 CREDIT SPRING 2018
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLIGHT EXPERIENCE AER E 301 R CREDIT
 Prereq: CREDIT OR ENROLLMENT IN AER E 355
 Satisfactory-Fail Only.
 1160005 1 W 3:10-4:00 MARTIN R
 T 8:00-9:50
 MEETS: JAN 14-MAY 10
 1160010 2 W 3:10-4:00 MARTIN R
 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 1160015 3 W 3:10-4:00 MARTIN R
 T 1:10-3:00
 MEETS: JAN 14-MAY 10
 1160020 4 W 3:10-4:00 MARTIN R
 R 8:00-9:50
 MEETS: JAN 14-MAY 10
 1160030 5 W 3:10-4:00 MARTIN R
 R 10:00-11:50
 MEETS: JAN 14-MAY 10
 1160035 6 W 3:10-4:00 MARTIN R
 R 1:10-3:00
 MEETS: JAN 14-MAY 10

AERODYNAM I:INCMPRS AER E 310 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN AER E 261
 AND MATH 265
 1175005 1 MWF 9:00-9:50 RAYBURN C
 MEETS: JAN 14-MAY 10

AERODYN II:CMRSSLBL 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
 1179005 1 MWF 11:00-11:50 ROTHMAYER A
 MEETS: JAN 14-MAY 10
 1179010 2 MWF 9:00-9:50 WARD T
 MEETS: JAN 14-MAY 10

FLIGHT STRUCT ANALY AER E 321 3 CREDITS
 Prereq: E M 324, CREDIT OR ENROLLMENT IN
 MATH 266 OR MATH 267
 7164005 1 MWF 10:00-10:50 DAYAL V
 MEETS: JAN 14-MAY 10

AEROSPC STRUCTR LAB AER E 322 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 CHIOU C
 R 2:10-4:00
 MEETS: JAN 14-MAY 10
 9129010 2 M 4:10-5:00 CHIOU C
 T 2:10-4:00
 MEETS: JAN 14-MAY 10
 9129015 3 M 4:10-5:00 CHIOU C
 T 12:10-2:00
 MEETS: JAN 14-MAY 10
 9129020 4 M 4:10-5:00 CHIOU C
 R 12:10-2:00
 MEETS: JAN 14-MAY 10

FLGHT CONTROL SYS I AER E 331 3 CREDITS
 Prereq: AER E 355
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 1235005 1 MWF 3:10-4:00 SHERMAN P
 MEETS: JAN 14-MAY 10
 1235010 2 MWF 12:10-1:00 SHERMAN P
 MEETS: JAN 14-MAY 10

AERODYN&PROPULS LAB AER E 344 3 CREDITS
 Prereq: AER E 310. CONCURRENT ENROLLMENT IN
 AER E 311.
 6493005 1 TR 10:00-10:50 HU H
 T 11:00-12:50
 MEETS: JAN 14-MAY 10
 6493010 2 TR 10:00-10:50 HU H
 T 1:10-3:00
 MEETS: JAN 14-MAY 10
 6493015 3 TR 10:00-10:50 HU H
 T 3:10-5:00
 MEETS: JAN 14-MAY 10
 6493020 4 TR 10:00-10:50 HU H
 R 11:00-12:50
 MEETS: JAN 14-MAY 10

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

AERODYN&PROPULS LAB AER E 344 3 CREDITS
 6493025 5 TR 10:00-10:50 HU H
 R 1:10-3:00
 MEETS: JAN 14-MAY 10
 6493030 6 TR 10:00-10:50 HU H
 R 3:10-5:00
 MEETS: JAN 14-MAY 10
 6493035 7 TR 10:00-10:50 HU H
 F 1:10-3:00
 MEETS: JAN 14-MAY 10

ASTRODYNAMICS I AER E 351 3 CREDITS
 Prereq: E M 345
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 1168005 1 MWF 1:10-2:00 WIE B
 MEETS: JAN 14-MAY 10

AIRCRAFT FLI DYN&CTL AER E 355 3 CREDITS
 Prereq: AER E 261, MATH 267, E M 345
 1056005 1 MWF 2:10-3:00 WIE B
 MEETS: JAN 14-MAY 10

COMP TECHNO AER DSN AER E 361 3 CREDITS
 Prereq: AER E 310, MATH 267, E M 324, E M 345
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 1170005 1 TR 11:00-11:50 ROZIER K
 T 2:10-4:00
 MEETS: JAN 14-MAY 10
 1170010 2 TR 11:00-11:50 ROZIER K
 R 12:10-2:00
 MEETS: JAN 14-MAY 10
 1170015 3 TR 11:00-11:50 ROZIER K
 T 12:10-2:00
 MEETS: JAN 14-MAY 10
 1170020 4 TR 11:00-11:50 ROZIER K
 R 2:10-4:00
 MEETS: JAN 14-MAY 10

AEROSPC SYS INTEGRT AER E 362 3 CREDITS
 Prereq: JUNIOR STANDING IN AER E OR PERMISSION
 OF INSTRUCTOR
 4293005 1 MWF 11:00-11:50 RAYBURN C
 MEETS: JAN 14-MAY 10
 4293010 2 MWF 1:10-2:00 LEIFSSON L
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUC AER E 398 R CREDIT
 Prereq: 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, AER E 344
 6028005 1 MWF 2:10-3:00 POUYA S
 MEETS: JAN 14-MAY 10

ADV FLIGHT STRUCTRS AER E 421 3 CREDITS
 Prereq: AER E 321, MATH 266 OR 267
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 1176005 1 MW 9:00-9:50 DAYAL V
 F 9:00-10:50
 MEETS: JAN 14-MAY 10
 1176010 2 MW 1:10-2:00 SHEIDAEI A
 F 1:10-3:00
 MEETS: JAN 14-MAY 10

MOD DESIGN METHODOL AER E 461 3 CREDITS
 Prereq: AER E 361, AER E 311, AER E 321,
 AER E 322, AER E 344, AER E 351, AER E 355
 Note: COURSE RESTRICTED TO AER E SENIORS ONLY
 1186005 1 TR 9:00-9:50 VOGEL P
 R 1:10-3:00
 MEETS: JAN 14-MAY 10

DESIGN AEROSPC SYS AER E 462 3 CREDITS
 Prereq: AER E 461
 Note: COURSE RESTRICTED TO AER E SENIORS ONLY
 1187005 1 T 2:10-3:00 VOGEL P
 TR 11:00-12:50
 MEETS: JAN 14-MAY 10
 1187010 2 T 2:10-3:00 GONZALEZ-TORRES
 TR 3:10-5:00
 MEETS: JAN 14-MAY 10

INTRODUCTION TO MDO AER E 463 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN COLLEGE OF ENG
 OR PERMISSION OF AER E 468 INSTRUCTOR
 9801005 1 TR 12:40-1:55 ABDELKHALIK O
 MEETS: JAN 14-MAY 10

SPACECRAFT SYSTEMS AER E 464 3 CREDITS
 Prereq: AER E 351
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 1188005 1 MWF 3:10-4:00 LEE D
 MEETS: JAN 14-MAY 10

MULTIDISC ENGR DSGN AER E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 8778005 A MWF 3:10-5:00
 MEETS: JAN 14-MAY 10

ULTRSNC NONDESTR EV AER E 480 3 CREDITS
 Prereq: E M 324, MATH 266 OR MATH 267, PHYS 222
 1718005 1 MWF 9:00-9:50 CHIMENTI D
 MEETS: JAN 14-MAY 10

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

SENIOR PROJECT AER E 499 1- 2 CREDITS
 Prereq: SENIOR CLASSIFICATION, CR OR ENROLLMENT
 IN AER E 491
 4759005 1 ARRANGED
 MEETS: JAN 14-MAY 10

FINITE ELEMENT ONLY AER E 525 3 CREDITS
 Prereq: E M 425, MATH 385
 7252005 1 MWF 2:10-3:00 XIONG L
 MEETS: JAN 14-MAY 10

COMPRESBL FLUID FLO AER E 532 3 CREDITS
 Prereq: AER E 310; AER E 311 OR EQUIVALENT
 6032005 1 MWF 3:10-4:00 WARD T
 MEETS: JAN 14-MAY 10

FLU MECH&HEAT TR II AER E 547 3 CREDITS
 Prereq: AER E 546 OR EQUIVALENT
 1213005 1 MWF 1:10-2:00 RAJAGOPALAN R
 MEETS: JAN 14-MAY 10

INTRODUCTION TO MDO AER E 563 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN COLLEGE OF ENG
 OR PERMISSION OF AER E 468 INSTRUCTOR
 9802005 1 TR 12:40-1:55 ABDELKHALIK O
 MEETS: JAN 14-MAY 10

SYST ENGR &ANALYSIS AER E 565 3 CREDITS
 Prereq: COURSEWORK IN BASIC STATISTICS
 Note: I E MAJORS MAY NOT APPLY CREDIT IN I E/E E/AER E
 565 TOWARD DEGREE REQUIREMENTS
 8933005 A TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO ENG M, IE, IMSE, SYS E
 GRADUATES ONLY
 8933010 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC B FOR MAJORS OTHER THAN
 ENG M, IE, IMSE, SYS E GRADUATES

AEROSPACE ENGINEERING

(CONTINUED)

AFRICAN AND AFRICAN AMERICAN STUDIES

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 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

NONLINEAR SYSTEMS AER E 578 3 CREDITS
 Prereq: E E 577
 8191005 1 MW 4:10-5:30
 MEETS: JAN 14-MAY 10

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

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

SPL TOP HYPERSONICS AER E 590J 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 1 ARRANGED
 MEETS: JAN 14-MAY 10

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

INTRO AFRIC AMER ST AF AM 201 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.

8310005 A TR 8:00-9:20
 MEETS: JAN 14-MAY 10

8310010 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10

8310015 C TR 2:10-3:30
 MEETS: JAN 14-MAY 10

8310020 D TR 9:30-10:50
 MEETS: JAN 14-MAY 10

8310025 E TR 12:40-1:55
 MEETS: JAN 14-MAY 10

PEOPLE&CULTR AFRICA AF AM 325 3 CREDITS
 Prereq: ANTHR 201 OR ANTHR 306 RECOMMENDED
 Note: Meets international perspectives reqmt

9597005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

HIST AFRICAN AMER I AF AM 353 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Meets U.S. diversity reqmt

8743005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

SEM AFRIC AMER CULT AF AM 460 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required.

6688005 A ARRANGED
 MEETS: JAN 14-MAY 10

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 A ARRANGED
 MEETS: JAN 14-MAY 10

AGRICULTURAL AND BIOSYSTEMS ENGINEERING

EXPERNC AG&BIO ENGR A B E 110 1 CREDIT
 1001005 A T 10:00-11:50
 MEETS: JAN 14-MAY 10

1001010 B R 10:00-11:50
 MEETS: JAN 14-MAY 10

1001015 C R 2:10-4:00
 MEETS: JAN 14-MAY 10

SYST PROB SOLV&PROG A B E 160 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 143 OR
 MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: A B E 160, C E 160,
 AER E 160, ENGR 160, M E 160, CPR E 185, E E 185,
 S E 185, I E 148

6707005 A MW 10:00-11:50
 MEETS: JAN 14-MAY 10

ENG GRPHC&INTRO DSN A B E 170 3 CREDITS
 6705005 A MW 12:10-2:00
 MEETS: JAN 14-MAY 10

SMNR:PREP FOR WRKPL A B E 201 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION IN A E,
 AST, BSE OR I TEC

1373005 A MW 4:10-5:00
 MEETS: JAN 14-MARCH 8

PROJ MGT&DESIGN ABE A B E 218 2 CREDITS
 Prereq: A B E 216

1067005 A T 11:00-12:15
 R 12:40-2:30
 MEETS: JAN 14-MAY 10

1067010 B T 11:00-12:15
 T 12:40-2:30
 MEETS: JAN 14-MAY 10

1067015 C T 11:00-12:15
 T 3:10-5:00
 MEETS: JAN 14-MAY 10

1067020 D T 11:00-12:15
 W 2:10-4:00
 MEETS: JAN 14-MAY 10

PARAM SLD MODEL ENG A B E 271 1 CREDIT
 Prereq: A B E 170 OR TSM 116 OR EQUIVALENT

9153005 A M 9:00-9:50
 W 8:00-9:50
 MEETS: JAN 14-MARCH 8

Note: SEC A RESTRICTED A E, BSE MAJORS ONLY

9153010 B M 9:00-9:50
 W 8:00-9:50
 MEETS: JAN 14-MARCH 8

Note: SEC B RESTRICTED TO AST & I TEC MAJORS
 ONLY.

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

PRO/ENG MOD&ASSEMBL A B E 272 1 CREDIT
 Prereq: A B E 170 OR TSM 116 OR EQUIVALENT
 2650005 A M 9:00-9:50
 W 8:00-9:50
 MEETS: MARCH 11-MAY 10
 Note: SEC A RESTRICTED A E, BSE MAJORS ONLY
 2650010 B M 9:00-9:50
 W 8:00-9:50
 MEETS: MARCH 11-MAY 10
 Note: SEC B RESTRICTED TO AST & I TEC MAJORS ONLY.

CAD FACILT&LAND USE A B E 273 1 CREDIT
 Prereq: ENGR 170 OR TSM 116 OR EQUIVALENT
 4264005 A1 M 2:10-3:00
 W 2:10-4:00
 MEETS: JAN 14-MARCH 8
 Note: SEC A1 RESTRICTED TO A E, BSE MAJORS ONLY
 4264010 A2 M 2:10-3:00
 W 2:10-4:00
 MEETS: JAN 14-MARCH 8
 Note: SEC A2 RESTRICTED TO AST, I TEC MAJORS ONLY

APPLD NUMRCL METHDS A B E 316 3 CREDITS
 Prereq: A B E 160; MATH 266 OR MATH 267
 8355005 A MW 8:00-9:50
 MEETS: JAN 14-MAY 10

AGRI TRACTOR POWER A B 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.
 1008005 A1 MW 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 1008010 A2 MW 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 1008015 B1 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 1008020 B2 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10

ELEC POWR&ELECTRONC A B E 363 4 CREDITS
 Prereq: A B E 216
 1019005 A TR 11:00-12:30
 R 3:10-5:00
 MEETS: JAN 14-MAY 10
 1019010 B TR 11:00-12:30
 W 3:10-5:00
 MEETS: JAN 14-MAY 10

PRIN BIOL SYS ENGNR A B E 380 3 CREDITS
 Prereq: A B E 316, CH E 357
 8499005 A MW 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 8499010 B MW 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUC A B E 398 R CREDIT
 Prereq: A B E 218, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MODEL&CNTRLS AG SYS A B E 403 3 CREDITS
 Prereq: A B E 363, MATH 266
 1528005 A MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 14-MAY 10

ELE SYS INTEGRAT AG A B E 410 3 CREDITS
 Prereq: A B E 363 OR E E 230 OR E E 442 OR E E 448
 Note: COURSE FOR UNDERGRADUATES ONLY
 6795005 A MW 3:10-5:00
 MEETS: JAN 14-MAY 10

AG&BIOSY ENGR DSN I A B E 415 2 CREDITS
 Prereq: A B E 316, CLASSIFICATION IN A DEPARTMENT MAJOR
 Note: COURSE RESTRICTED TO A E, BSE MAJORS ONLY
 8253005 A R 1:10-2:00, ARRANGED
 MEETS: JAN 14-MAY 10

AG&BIOSY ENG DSN II A B E 416 2 CREDITS
 Prereq: A B E 415
 Note: COURSE RESTRICTED TO A E, BSE MAJORS ONLY
 7302005 A W 12:10-1:00, ARRANGED
 MEETS: JAN 14-MAY 10

FUND ENGINRG REVIEW A B E 418 1 CREDIT
 Note: STUDENTS MUST SIGN UP FOR THE FUNDAMENTALS OF ENGINEERING EXAM IN ORDER TO COMPLETE THIS COURSE
 4248005 A R 8:00-9:50
 MEETS: JAN 14-MARCH 8

NONPT SOURC POLLU&C A B E 432 3 CREDITS
 Prereq: E M 378 OR CH E 356 OR M E 335
 6766005 A MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 14-MAY 10

SOIL&WTR MONITR SYS A B E 436 3 CREDITS
 Prereq: A B E 431 OR PERMISSION OF INSTRUCTOR
 2582005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

FOOD&BIOPROCES ENGR A B E 451 3 CREDITS
 Prereq: A B E 216, AND CREDIT OR ENROLLMENT IN M E 436 OR CREDIT OR ENROLLMENT IN CH E 357; OR FS HN 351, AND MATH 266 OR MATH 267
 5188005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

MULTIDISC ENGR DSGN A B E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 8891005 A MW 3:10-5:00
 MEETS: JAN 14-MAY 10

GRAIN PROCESS&HANDL A B E 469 3 CREDITS
 Prereq: A B E 216
 1371005 A MW 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 1371010 B MW 10:00-10:50
 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10

DSIGN ANIM PROD SYS A B E 475 2 CREDITS
 Prereq: A B E 271, A B E 272, OR A B E 273;
 E M 324 AND ENROLLMENT IN APSE OPTION OF A E PROGRAM
 4206005 A ARRANGED
 MEETS: JAN 14-MAY 10

WOOD-FRM STRUC DSGN A B E 478 3 CREDITS
 Prereq: M E 231, E M 324
 8230005 A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

IND ST:BIORNW RSRCE A B E 490B 1- 5 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST:ENVIR BIOPRC A B E 490E 1- 5 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU:FOOD ENGINR A B E 490F 1- 5 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY A B E 490G 1- 5 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS A B E 490H 1- 5 CREDITS
 Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU LAND&WATR E A B E 490L 1- 5 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU ADV MACH SY A B E 490M 1- 5 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRE STU ABROAD&POST A B E 495 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 7178800 FR ARRANGED
 MEETS: JAN 14-MAY 10
 Note: PRE-TRAVEL TO PARIS, FRANCE. OFFERED OF 1 CREDIT

MODEL&CONTROLS SYS A B E 503 3 CREDITS
 Prereq: A B E 363, MATH 266
 1032005 A MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 14-MAY 10

ELE SYS INTEGRAT AG A B E 510 3 CREDITS
 Prereq: A B E 363 OR EQUIVALENT
 6820005 A MW 3:10-5:00
 MEETS: JAN 14-MAY 10

NONPT SOURC POLLU&C A B E 532 3 CREDITS
 Prereq: A B E 431 OR C E 372
 6788005 A MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 14-MAY 10

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

FOOD&BIOPROCES ENGR A B E 551 3 CREDITS
 Prereq: A B E 216, AND CREDIT OR ENROLLMENT
 IN M E 436 OR CREDIT OR ENROLLMENT IN CH E 357;
 OR FS HN 351 AND MATH 266 OR MATH 267
 5194005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

GRAIN PROCESS&HNDLG A B E 569 3 CREDITS
 Prereq: A B E 216
 1035005 A MW 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 1035010 B MW 10:00-10:50
 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10

WOOD-FRAM STRUC DSN A B E 578 3 CREDITS
 Prereq: A B E 216, E M 324
 8240005 A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

SPL TP AG&BIOSY ENG A B E 590 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTER'S TECH COMM A B E 598 1 CREDIT
 Satisfactory-Fail Only.
 8332005 A ARRANGED
 MEETS: JAN 14-MAY 10

ADVANCED TOPICS A B E 690 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHING PRACTICUM A B E 694 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF
 INSTRUCTOR
 6457005 A ARRANGED
 MEETS: JAN 14-MAY 10

ENGINEERG INTERNSHP A B E 697 R CREDIT
 Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF
 Satisfactory-Fail Only.
 1700005 A ARRANGED
 MEETS: JAN 14-MAY 10

DOCTORAL TECH COMM A B E 698 1 CREDIT
 Satisfactory-Fail Only.
 8333005 A ARRANGED
 MEETS: JAN 14-MAY 10

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

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

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

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

RESRCH OCCUP SAFETY A B E 699O VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

AGRICULTURAL EDUCATION & STUDIES

AG &LIFE SCI EXPLOR AGEDS 110C 1 CREDIT
 8358005 1 MW 12:10-1:00
 MEETS: JAN 14-MARCH 8

AG BIOTECHN COLLOQ AGEDS 112 1 CREDIT
 Prereq: ENROLLMENT AS AN AG EXCELLENCE SCHOLAR
 1303005 1 T 1:10-2:00
 MEETS: JAN 14-MAY 10

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
 Prereq: AGEDS 110
 Note: COURSE RESTRICTED TO AGLSE MAJORS ONLY
 7586005 1 ARRANGED
 MEETS: JAN 14-MAY 10

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
 Prereq: AGEDS 110
 Note: COURSE RESTRICTED TO AGLSE, AG ST MAJORS ONLY
 7603005 1 ARRANGED
 MEETS: JAN 14-MAY 10

CAREER SEMINAR AGEDS 215 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 1385005 1 MW 1:10-2:00
 MEETS: JAN 14-MARCH 8
 Note: SECTION 1 RESTRICTED TO AGLSE MAJORS ONLY. OTHERS
 BY PERMISSION OF INSTRUCTOR.
 1385010 2 MW 1:10-2:00
 MEETS: MARCH 11-MAY 10

FOUND AG ED PROGRMS AGEDS 310 3 CREDITS
 8790005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

PRESENTN STRATEGIES AGEDS 311 3 CREDITS
 1272005 1A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 1272010 1B MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 1272015 2A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 1272020 2B MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 1272025 3A TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 1272030 3B TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 1272035 4A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 1272040 4B MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 1272045 5A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 1272050 5B MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

SCI WITH PRACTICE AGEDS 312 3 CREDITS
 Prereq: MAJOR IN THE COLLEGE OF AG LS
 8006005 1 T 2:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10
 8006010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
 1273005 1 T 12:40-2:00, ARRANGED
 MEETS: JAN 14-MAY 10

STRTG COMM AG&ENVIR AGEDS 323X 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 8691005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

SURV AG&LIF SC COMM AGEDS 327 3 CREDITS
 Prereq: ENGL 250 OR EQUIVALENT
 9159005 1A TR 11:00-11:50
 F 1:10-3:00
 MEETS: JAN 14-MAY 10
 9159010 1B TR 11:00-11:50
 R 1:10-3:00
 MEETS: JAN 14-MAY 10

AG MECHAN APPLCATNS AGEDS 388 3 CREDITS
 6067005 1A M 4:10-6:00PM
 W 4:10-7:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO AG ST, AGLSE
 MAJORS ONLY
 6067010 1B M 4:10-6:00PM
 W 4:10-7:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC 1B FOR MAJORS OTHER THAN AG ST,
 AGLSE

COOPERATIVE EDUCATN AGEDS 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 1356005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Permission of department chair required.

INTERNSHIP IN AGEDS AGEDS 412 2- 6 CREDITS
 Prereq: JR CLASSIF IN AGEDS, INSTR PERMISSION
 Note: Professional support fee \$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

NONORMAL AG ED PRG AGEDS 414 2 CREDITS
 1278005 1 TR 11:00-11:50
 MEETS: JAN 14-MAY 10

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

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
 MEETS: JAN 14-MAY 10

SUPRV TEACHNG IN AG AGEDS 417 1-16 CREDITS
 Prereq: AGEDS 211, AGEDS 402 & ADMISSION TO
 TEACHER EDUC PROG
 Note: OFFERED FOR 1-16 CREDITS SPRING 2018
 Professional support, field trips &/or
 travel fee \$500.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

FARM MGMT&OPERATION AGEDS 450 3 CREDITS
 Prereq: ECON 235, ECON 230, JUNIOR CLASSIFICATION
 1386005 1 T 1:10-3:00
 W 1:10-5:00
 MEETS: JAN 14-MAY 10
 1386010 2 T 1:10-3:00
 R 1:10-5:00
 MEETS: JAN 14-MAY 10

AGRICULTURAL LAW AGEDS 451 4 CREDITS
 Prereq: SENIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO JUNIORS & SENIORS ONLY
 6798005 1 MWF 10:00-10:50
 M 3:10-5:00
 MEETS: JAN 14-MAY 10

AG MKTG&COMM COMPET AGEDS 475 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 6063005 1 TR 4:10-5:00
 MEETS: JAN 14-MAY 10

MTHDS TCHG AG MECHN AGEDS 488 3 CREDITS
 5124005 1 M 1:10-3:00
 W 1:10-4:00
 MEETS: JAN 14-MAY 10

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
 1516010 TH ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC TH PRE-TRAVEL THIALAND & TIWANAN S18
 OFFERED FOR 3 CREDITS SPRING 2018.
 TRIP EXPENSES PAID BY STUDENT

AGRI TRAVEL DOMESTC AGEDS 496B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7499005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 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 1 ARRANGED
 MEETS: JAN 14-MAY 10

INTR RESEARCH AG ED AGEDS 510 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 6713005 1 ARRANGED
 MEETS: JAN 14-MAY 10

TEACH EDUC PRACTICM AGEDS 517 2- 6 CREDITS
 Prereq: AGEDS 590B, AGEDS 501, AGEDS 502,
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION
 PROGRAM
 Note: Professional support, field trips &/or
 travel fee \$500.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

INSTRUCTIONL METHDS AGEDS 520 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 1299005 1 ARRANGED
 MEETS: JAN 14-MAY 10

INTR LRNG THRY AGED AGEDS 533 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 8005005 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

METHODS WORKSHOP AGEDS 593B 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1318005 1 ARRANGED
 MEETS: JAN 14-MAY 10

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

WORKSHOP EVALUATION AGEDS 593C 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1319005 1 ARRANGED
 MEETS: JAN 14-MAY 10

ADMINISTRTRN WORKSHP AGEDS 593D 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1320005 1 ARRANGED
 MEETS: JAN 14-MAY 10

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1321005 1 ARRANGED
 MEETS: JAN 14-MAY 10

WORKSHOP EXTENSION AGEDS 593F 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1322005 1 ARRANGED
 MEETS: JAN 14-MAY 10

WRKSHP PROGRAM PLAN AGEDS 593G 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1323005 1 ARRANGED
 MEETS: JAN 14-MAY 10

WKSHP INSTR TECHNOL AGEDS 593H 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1890005 1 ARRANGED
 MEETS: JAN 14-MAY 10

WKSHP BIOTECHNOLOGY AGEDS 593M 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 6536005 1 ARRANGED
 MEETS: JAN 14-MAY 10

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

SEMINAR CAREER PLAN AGEDS 615D 1 CREDIT
 Satisfactory-Fail Only.
 2949005 1 ARRANGED
 MEETS: JAN 14-MARCH 8

SEMINR CNTMPRY ISSU AGEDS 615E 1 CREDIT
 Satisfactory-Fail Only.
 2980005 1 ARRANGED
 MEETS: MARCH 11-MAY 10

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

LEADRS&SUPRVS AG ED AGEDS 625 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 1330005 1 M 2:10-5:00
 MEETS: JAN 14-MAY 10

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

AGRONOMY

PRO DEVEL:ORIENTATN AGRON 110 1 CREDIT
 Note: OFFERED FOR 1 CREDIT S17
 1390005 1 ARRANGED
 MEETS: JAN 14-MAY 10

INTR RENEW RESOURCS AGRON 120 3 CREDITS
 1382005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

WORLD WATER RESOURC AGRON 160 3 CREDITS
 Note: Meets international perspectives reqmt
 3243005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

INTRO CROP SCIENCE AGRON 181 3 CREDITS
 1914005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INTRO SOIL SCIENCE AGRON 182 3 CREDITS
 Prereq: CHEM 163
 1946005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 1946010 2 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

INTRO WEATHER&CLIMT AGRON 206 3 CREDITS
 1397005 1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

AGRONOMY (CONTINUED)

WEED IDENTIFICATION AGRON 217 1 CREDIT
 Prereq: BIOL 101 OR EQUIVALENT
 7385005 1 R 2:10-5:00
 MEETS: MARCH 11-MAY 10

ORGNC CMPD PLT&SOIL AGRON 259 3 CREDITS
 Prereq: CHEM 163, BIOL 212, MATH 140;
 AGRON 182 OR EQUIVALENT OR AGRON 282 OR EQUIVALENT
 8411005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1 FOR MAJORS OTHER THAN AGRON
 8411010 2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 2 FOR MAJORS OTHER THAN AGRON
 8411015 3 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO AGRON MAJORS ONLY
 8411020 4 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 4 RESTRICTED TO AGRON MAJORS ONLY

CROP DEVEL,PROD&MGT AGRON 280 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT, AGRON 182 OR
 EQUIVALENT
 1086005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

CROP PHYSIOLOGY AGRON 281 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT
 Note: COURSE RESTRICTED TO AGRON MAJORS ONLY
 1399005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

SOIL CNSRV&LAND USE AGRON 282 3 CREDITS
 Prereq: AGRON 182 OR EQUIVALENT
 Note: CREDIT IN EITHER AGRON 260 OR AGRON 282, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 1544005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

PESTICIDE APPL CERT AGRON 283 2 CREDITS
 1905005 A MW 2:10-3:00
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUCATN AGRON 298 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR, SOPHOMORE CLASSIFICATION
 1401005 1 ARRANGED
 MEETS: JAN 14-MAY 10

PROF DEVEL:WORK EXP AGRON 310 R CREDIT
 Satisfactory-Fail Only.
 1389005 1 ARRANGED
 MEETS: JAN 14-MAY 10

CROP STRUC-FUNC REL AGRON 316 3 CREDITS
 Prereq: BIOL 212 RECOMMENDED
 1406005 1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

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 1 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

INTERCOLL CROP TEAM AGRON 331 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR. AGRON 330
 RECOMMENDED.
 1408005 1 TR 3:10-5:00
 TR 5:10-6:00PM
 MEETS: JAN 14-MARCH 8
 1408010 2 ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: Instructor permission required.

FORAGE CROP MGMT AGRON 334 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT
 1409005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

WORLD FOOD ISSUES AGRON 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1402005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 1402010 2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 1402015 3 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 1402020 4 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 1402025 5 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

SOILS & PLANT GROWTH AGRON 354 3 CREDITS
 Prereq: AGRON 182 OR EQUIVALENT; BIOL 101
 1414005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10
 8362010 2 W 1:10-4:00
 MEETS: JAN 14-MAY 10
 8362015 3 R 1:10-4:00
 MEETS: JAN 14-MAY 10

ENVIRN SOIL SCIENCE AGRON 360 3 CREDITS
 Prereq: AGRON 182 (OR EQUIVALENT) OR ENSCI 250 OR GEOL 201
 3989005 1 MW 9:00-9:50
 M 1:10-3:00
 MEETS: JAN 14-MAY 10
 3989010 2 MW 9:00-9:50
 W 12:10-2:00
 MEETS: JAN 14-MAY 10
 3989015 3 MW 9:00-9:50
 W 2:10-4:00
 MEETS: JAN 14-MAY 10
 3989020 4 MW 9:00-9:50
 M 3:10-5:00
 MEETS: JAN 14-MAY 10

FLD EXP SOIL DESCRP AGRON 370 1 CREDIT
 Prereq: AGRON 182 OR EQUIVALENT, PERMISSION OF INSTRUCTOR
 1417005 1 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 1417010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

SYST CROP&SOIL MGMT AGRON 392 3 CREDITS
 Prereq: AGRON 316 AND AGRON 354
 4515005 1 MW 1:10-2:00
 M 2:10-5:00
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUCATN AGRON 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOPERATIVE EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
 1411005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

GLOBAL CHANGE AGRON 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING, JUNIOR CLASSIFICATION
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR ENSCA, ENSCS AND GE AT MAJORS ONLY
 8140005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ENVIRONM BIOPHYSICS AGRON 405 3 CREDITS
 Prereq: MATH 165 OR MATH 182 OR EQUIVALENT, SOME COMPUTER PROGRAMMING EXPERIENCE (ANY LANGUAGE)
 3047005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

WORLD CLIMATES AGRON 406 3 CREDITS
 Prereq: AGRON 206 OR MTEOR 206
 Note: Meets international perspectives reqmt
 1427005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10

GIS FOR GEOSCIENTST AGRON 452 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 8577005 1 MW 4:10-5:00
 F 4:10-5:00
 MW 5:10-6:00PM
 MEETS: JAN 14-MAY 10

SOIL FORMATN&LANDSC AGRON 463 3 CREDITS
 Prereq: AGRON 182 (OR EQUIVALENT) OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 1435005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Equipment use and field trips & travel fee \$60.00
 1435015 2 ARRANGED
 MEETS: JAN 14-MAY 10

SOIL FRM&LNDSCP LAB AGRON 463L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN AGRON 463
 1546005 1 T 2:10-5:00
 MEETS: JAN 14-MAY 10

SOIL PHYSICS AGRON 477 3 CREDITS
 Prereq: AGRON 182 OR EQUIVALENT. MATH 166 IS RECOMMENDED.
 3144005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

ORGANC AG:THRY&PRAC AGRON 484 3 CREDITS
 Prereq: 9 CR IN BIOLOGICAL OR PHYSICAL SCIENCES
 3157005 1 T 6:10-9:00PM
 MEETS: JAN 14-MAY 10

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

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

SEED SCI INTERNSHIP AGRON 491 1- 2 CREDITS
 Prereq: AGRON 338, ADVANCED APPROVAL AND PARTICIPATION OF EMPLOYER AND INSTRUCTOR
 Note: Instructor permission required.
 9369005 1 ARRANGED
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUCATN AGRON 498 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 1416005 1 ARRANGED
 MEETS: JAN 14-MAY 10

GLOBAL CHANGE AGRON 504 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING
 8143005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ENVIRONM BIOPHYSICS AGRON 505 3 CREDITS
 Prereq: MATH 165 OR MATH 182 OR EQUIVALENT AND SOME COMPUTER PROGRAMMING EXPERIENCE (ANY LANGUAGE)
 1442005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

CROP PHYSIOLOGY AGRON 516 3 CREDITS
 1444005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

MOLECLR PLANT BREED AGRON 523 3 CREDITS
 Prereq: AGRON 421 OR AGRON 521, GDSC 542A
 9206005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

FIELD PLOT TECHNIQS AGRON 526 3 CREDITS
 Prereq: STAT 401
 1450005 1 TR 9:30-10:50
 R 2:10-4:00
 MEETS: JAN 14-MAY 10

QNTV GEN PLNT BREED AGRON 528 3 CREDITS
 Prereq: AGRON 506 OR AGRON 513
 1949005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

STRAT DIVERSFD FARM AGRON 546 3 CREDITS
 Prereq: SUSAG 509
 7440005 1 ARRANGED
 MEETS: JAN 14-MAY 10

GIS FOR GEOSCIENTST AGRON 552 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 1490005 1 MW 4:10-5:00
 F 4:10-5:00
 MW 5:10-6:00PM
 MEETS: JAN 14-MAY 10

SOIL-PLANT RELATION AGRON 553 3 CREDITS
 Prereq: AGRON 354
 1459005 1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

ENVIR SOIL MINERLGY AGRON 555 3 CREDITS
 Prereq: AGRON 473, CHEM 178. RECOMMEND: GEOL 311.
 2257005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

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
 3237005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 3237015 2 ARRANGED
 MEETS: JAN 14-MAY 10

SOIL PHYSICS AGRON 577 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 AND MATH 166
 1464005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

LAB MTHD SOIL PHYSC AGRON 578 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN AGRON 477
 OR AGRON 577
 1465005 1 M 1:10-4:00
 MEETS: JAN 14-MAY 10

ORGANIC AG THRY&PRAC AGRON 584 3 CREDITS
 Prereq: 9 CREDITS IN BIOLOGICAL OR PHYSICAL SCI
 3396005 1 T 6:10-9:00PM
 MEETS: JAN 14-MAY 10

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

CR COMP AG METEOROL AGRON 599A VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1472005 1 ARRANGED
 MEETS: JAN 14-MAY 10

CR COMP CROP PRD&PH AGRON 599B VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1473005 1 ARRANGED
 MEETS: JAN 14-MAY 10

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1474005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 1474010 2 ARRANGED
 MEETS: JAN 14-MAY 10

CRTV COMP SOIL CHEM AGRON 599D VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1475005 1 ARRANGED
 MEETS: JAN 14-MAY 10

CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1476005 1 ARRANGED
 MEETS: JAN 14-MAY 10

CRTV COMPN SOIL MGT AGRON 599F VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1477005 1 ARRANGED
 MEETS: JAN 14-MAY 10

CR COMP SOIL MICROB AGRON 599G VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1478005 1 ARRANGED
 MEETS: JAN 14-MAY 10

CR COMP SOIL MORPHO AGRON 599H VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1479005 1 ARRANGED
 MEETS: JAN 14-MAY 10

CR COMP SOIL PHYSCS AGRON 599I VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1480005 1 ARRANGED
 MEETS: JAN 14-MAY 10

CRTV COMP SEED SCI AGRON 599K VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1639005 1 ARRANGED
 MEETS: JAN 14-MAY 10

CRTV COMP WEED SCI AGRON 599L VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1649005 1 ARRANGED
 MEETS: JAN 14-MAY 10

SMNR: PLANT BREEDING AGRON 600A 1 CREDIT
 Satisfactory-Fail Only.
 1481005 1 W 4:10-5:00
 MEETS: JAN 14-MAY 10

SEMINAR: SOILS AGRON 600B 1 CREDIT
 1482005 1 W 4:10-5:00
 MEETS: JAN 14-MAY 10

AGRONMC SCI PRESNTN AGRON 601 2 CREDITS
 Prereq: GRADUATE STATUS IN AGRONOMIC SCIENCE,
 PERMISSION OF INSTRUCTOR
 9551005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ADV PLANT BREEDING AGRON 621 3 CREDITS
 Prereq: AGRON 521, AGRON 526, AGRON 561; GEN 410
 1488005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

RESEARCH SEMINAR AGRON 696 1 CREDIT
 Satisfactory-Fail Only.
 8829005 1 W 4:10-5:30
 MEETS: JAN 14-MAY 10

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

INTR LDRSH LAB&TRNG AFAS 103 2 CREDITS
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Satisfactory-Fail Only.
 7300005 A MWR 6:30-7:30
 T 6:30-7:30
 MEETS: JAN 14-MAY 10

FOUND U S AIR FORCE AFAS 142 1 CREDIT
 1261005 A T 9:00-9:50
 MEETS: JAN 14-MAY 10
 1261010 B W 1:10-2:00
 MEETS: JAN 14-MAY 10

BASIC LDRSH LAB&TRN AFAS 203 2 CREDITS
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Satisfactory-Fail Only.
 7317005 A MWR 6:30-7:30
 T 6:30-7:30
 MEETS: JAN 14-MAY 10

EVOL USAF AIR POWER AFAS 242 1 CREDIT
 1263005 A W 9:00-9:50
 MEETS: JAN 14-MAY 10
 1263010 B R 9:00-9:50
 MEETS: JAN 14-MAY 10

INTMD LDRSH LAB&TRN AFAS 303 2 CREDITS
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Satisfactory-Fail Only.
 7383005 A MWR 6:30-7:30
 T 6:30-7:30
 MEETS: JAN 14-MAY 10

AIR F LDRSH STU II AFAS 342 3 CREDITS
 Prereq: AFAS 341
 1265005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10

AIR FORCE AEROSPACE STUDIES (CONTINUED)

ADV LDRSHP LAB&TRNG AFAS 403 2 CREDITS
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Satisfactory-Fail Only.
 7388005 A MWF 6:30-7:30
 T 6:30-7:30
 MEETS: JAN 14-MAY 10

NATIONAL SECURITY AFAS 442 3 CREDITS
 Note: Meets international perspectives reqmt
 1267005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10

AMERICAN INDIAN STUDIES

NATV PEOPL AM CULTR AM IN 201X 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9617005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 9617050 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 9617015 C TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INTR AM INDIAN STDI AM IN 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 1506005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

NATIV LAND,WTR,RSRC AM IN 313 3 CREDITS
 Prereq: AM IN 210 RECOMMENDED
 Note: Meets U.S. diversity reqmt
 2150005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

ARCHAEOL OF N AMERI AM IN 315 3 CREDITS
 Prereq: ANTHR 202 OR 308
 Note: Meets U.S. diversity reqmt
 7276005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

AMERICAN INDIAN LIT AM IN 346 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 1511005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY AM IN 490 VAR. CREDITS
 Prereq: 6 CR IN AM IN STUDIES, PERMISSION
 OF INSTRUCTOR AND PROGRAM DIRECTOR
 Note: NO MORE THAN 6 CREDITS OF AM IN 490 MAY BE
 APPLIED TOWARD GRADUATION. IF MORE THAN 3 CREDITS
 IN AM IN 490 ARE TAKEN, THEY MUST BE FROM DIFFERENT
 INSTRUCTORS.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AMERICAN SIGN LANGUAGE

AMER SIGN LANGUA II ASL 102 4 CREDITS
 Prereq: ASL 101 OR ASL 105
 Note: Meets U.S. diversity reqmt
 9367005 1 MTWR 9:00-9:50
 MEETS: JAN 14-MAY 10
 9367010 2 MTWR 10:00-10:50
 MEETS: JAN 14-MAY 10
 9367015 3 MTWR 12:10-1:00
 MEETS: JAN 14-MAY 10
 9367020 4 MTWR 2:10-3:00
 MEETS: JAN 14-MAY 10

INTM AM SIGN LNG II ASL 202 4 CREDITS
 Prereq: ASL 201 OR EQUIVALENT
 9374005 1 MTWR 2:10-3:00
 MEETS: JAN 14-MAY 10

TOPICS DEAF CULTURE ASL 275 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9396005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: Materials and equipment use fee \$25.00

ANIMAL ECOLOGY

FISH BIOLOGY A ECL 321 3 CREDITS
 Prereq: A ECL 365
 1064010 1 MW 9:00-9:50
 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10

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
 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 2722010 2 MW 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 2722015 3 MW 10:00-10:50
 F 10:00-12:50
 MEETS: JAN 14-MAY 10

ANIMAL ECOLOGY (CONTINUED)

INTR AQUAT ANIM MED A ECL 401 1 CREDIT
 6184005 1 T 7:10-9:00PM
 MEETS: MARCH 11-MAY 10

WILDLIFE ECOL &MGMT A ECL 451 3 CREDITS
 Prereq: A ECL 371
 1081005 1 F 9:00-9:50
 MW 8:00-9:50
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10

ORNITHOLOGY A ECL 458 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2766005 1 MW 10:00-10:50
 MEETS: JAN 14-MAY 10

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
 Note: STUDENTS NEED TO BE CONCURRENTLY ENROLLED IN
 A ECL/BIOL 459 (LAB) OR HAVE PREVIOUSLY TAKEN
 A ECL/BIOL 459 (LAB). STUDENTS CANNOT TAKE THE LAB
 WITHOUT THE LEC.
 9657005 1 T 7:00-9:50
 MEETS: JAN 14-MAY 10
 9657010 2 W 7:00-9:50
 MEETS: JAN 14-MAY 10

MAMMALOLOGY A ECL 459 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 Note: COURSE RESTRICTED TO JRS & ABOVE
 2768005 1 MW 2:10-3:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 9659010 2 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 9659015 3 R 9:00-11:50
 MEETS: JAN 14-MAY 10

AVIAN ECOLOGY A ECL 516 3 CREDITS
 Prereq: A ECL 312, A ECL 365, OR GRAD STANDING
 Note: Instructor permission required 1st week.
 8094005 1 MW 3:10-4:30
 MEETS: JAN 14-MAY 10

PRIN WILDLIF DISEAS A ECL 554 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 8934005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

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

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

WORKNG WITH ANIMALS AN S 101 2 CREDITS
 1527005 1 W 10:00-10:50
 F 8:00-9:50
 MEETS: JAN 14-MAY 10
 1527010 2 W 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 14-MAY 10
 1527015 3 W 10:00-10:50
 F 12:10-2:00
 MEETS: JAN 14-MAY 10
 1527020 4 W 10:00-10:50
 F 2:10-4:00
 MEETS: JAN 14-MAY 10

ORIENTATION IN AN S AN S 110 1 CREDIT
 1518005 1 T 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 14-MAY 10

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

SURVEY ANIMAL INDUS AN S 114 2 CREDITS
 1519005 1 MW 8:00-8:50
 MEETS: JAN 14-MAY 10

LVSTCK HANDL,SAFE,W AN S 190 2 CREDITS
 Prereq: AN S 101
 2885005 1 M 12:10-3:00
 F 12:10-2:00
 MEETS: MARCH 11-MAY 10
 Note: Instructor permission required.

BEEF EVENT MKTG&MGMT AN S 199A 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 101 OR 114
 Note: NO MORE THAN 2 CREDITS OF AN S 199 MAY BE APPLIED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 Satisfactory-Fail Only.
 9118005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

CAREER PREP AN SCI AN S 210 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION IN AN S
 Note: ALL SECTIONS MUST ATTEND CLASS FIRST WEEK OF THE
 SEMESTER; NO ENROLLMENT AFTER FIRST CLASS MEETING.
 1621005 1 W 3:10-5:00
 MEETS: JAN 14-MAY 10
 1621010 2 W 3:10-5:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

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 14-MAY 10

DOM AN ANAT&PHY LAB AN S 214L 1 CREDIT
 1545005 1 R 10:00-11:50
 MEETS: JAN 14-MAY 10
 1545010 2 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 1545015 3 T 12:10-2:00
 MEETS: JAN 14-MAY 10
 1545020 4 R 12:10-2:00
 MEETS: JAN 14-MAY 10
 1545025 5 T 2:10-4:00
 MEETS: JAN 14-MAY 10

EQUINE SCIENCE AN S 216 3 CREDITS
 Prereq: 101 OR 114; ONE COURSE IN BIOLOGY
 4825005 1 TR 9:00-9:50
 M 12:10-2:00
 MEETS: JAN 14-MAY 10
 4825010 2 TR 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 14-MAY 10
 4825015 3 TR 9:00-9:50
 M 10:00-11:50
 MEETS: JAN 14-MAY 10

EQUINE FARM PRACTCM AN S 217 2 CREDITS
 Prereq: AN S 116 OR EQUIVALENT EXPERIENCE,
 CREDIT OR ENROLLMENT IN AN S 216
 1690005 1 T 9:00-9:50, ARRANGED
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 8087010 2 MW 2:10-3:00
 R 12:10-2:00
 MEETS: JAN 14-MAY 10
 8087015 3 MW 2:10-3:00
 R 8:00-9:50
 MEETS: JAN 14-MAY 10
 8087020 4 MW 2:10-3:00
 R 2:10-4:00
 MEETS: JAN 14-MAY 10

SWINE SCIENCE AN S 225 3 CREDITS
 Prereq: AN S 114, AN S 101
 Note: SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY
 SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.
 EITHER AN S 225 OR THE AN S 280 AND AN S 280L PAIR
 OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION.
 1725005 1A MF 10:00-10:50
 W 8:00-9:50
 MEETS: JAN 14-MAY 10
 1725010 1B MF 10:00-10:50
 W 8:00-9:50
 MEETS: JAN 14-MAY 10
 1725015 2A MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 14-MAY 10
 1725020 2B MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 14-MAY 10

SWINE SCIENCE AN S 225 3 CREDITS
 1725025 3A MF 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 14-MAY 10
 1725030 3B MF 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 14-MAY 10
 1725035 4A MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 14-MAY 10
 1725040 4B MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 1726010 1B MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 14-MAY 10
 1726015 2A MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 14-MAY 10
 1726020 2B MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 14-MAY 10
 1726025 3A MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 14-MAY 10
 1726030 3B MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 14-MAY 10
 1726035 4A MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 14-MAY 10
 1726040 4B MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 14-MAY 10

SHEEP SCIENCE AN S 229 3 CREDITS
 Prereq: 114, 101
 1727005 1 MW 11:00-11:50
 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 1727010 2 MW 11:00-11:50
 T 12:10-2:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

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 14-MAY 10
 7169010 2 W 12:10-2:00
 MEETS: JAN 14-MAY 10
 7169015 3 W 8:00-9:50
 MEETS: JAN 14-MAY 10

EQUINE EVALUATION AN S 306 3 CREDITS
 Prereq: SOPH CLASSIFICATN OR INSTRUCTOR PERMISSN
 3582005 1 TR 11:00-12:15
 ARRANGED
 MEETS: JAN 14-MAY 10

ANIMAL NUTRITION AN S 319 3 CREDITS
 Prereq: 214, COURSE IN ORGANIC CHEM OR BIOCHEM
 1529005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ANIML FEEDS&FEEDING AN S 320 3 CREDITS
 Prereq: 319
 1635005 1 MW 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 14-MAY 10
 1635010 2 MW 8:00-8:50
 F 10:00-11:50
 MEETS: JAN 14-MAY 10
 1635015 3 MW 8:00-8:50
 F 12:10-2:00
 MEETS: JAN 14-MAY 10

DOMSTC ANIM REPRODU AN S 331 3 CREDITS
 Prereq: AN S 214, OR BIOL 255 AND BIOL 256,
 OR BIOL 335, OR B M S 329
 1531005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

ANIM REPROD LAB MTH AN S 332A 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN AN S 331
 1532005 1 W 2:10-5:00
 MEETS: JAN 14-MAY 10

LAB MTH REPRO:EQUIN AN S 332E 1 CREDIT
 2368005 1 MW 7:30-9:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

LACTATION AN S 337 3 CREDITS
 Prereq: 214
 1711005 1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

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 14-MAY 10

GENET IMPRV DOM ANI AN S 352 3 CREDITS
 Prereq: ONE COURSE IN STATISTICS, BIOL 211/201,
 COURSE IN GENETICS
 1534010 1 MW 9:00-9:50
 T 8:00-9:50
 MEETS: JAN 14-MAY 10

1534015 2 MW 9:00-9:50
 T 10:00-11:50
 MEETS: JAN 14-MAY 10

1534020 3 MW 9:00-9:50
 T 12:10-2:00
 MEETS: JAN 14-MAY 10

1534025 4 MW 9:00-9:50
 T 2:10-4:00
 MEETS: JAN 14-MAY 10

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR
 1538005 1 ARRANGED
 MEETS: JAN 14-MAY 10

SUPERV'D INTERNSHIP AN S 399B R CREDIT
 Prereq: PERMISSION OF INTERNSHIP COORDINATOR
 2258005 1 ARRANGED
 MEETS: JAN 14-MAY 10

ISSUES ANIMAL SCIEN AN S 411 1 CREDIT
 Prereq: SENIOR CLASSIFICATION IN AN S
 1713005 1 T 4:10-6:00PM
 MEETS: JAN 14-MAY 10

EQUINE SYSTEMS MGMT AN S 415 3 CREDITS
 Prereq: 216, 319, 320, 331
 8779005 1 TR 1:10-2:00
 W 12:10-2:00
 MEETS: JAN 14-MAY 10

8779010 2 TR 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 14-MAY 10

8779015 3 TR 1:10-2:00
 W 10:00-11:50
 MEETS: JAN 14-MAY 10

Note: Instructor permission required.

COMPAN ANIM SYS MGT AN S 424 3 CREDITS
 Prereq: 224, 319, 320, 331, 352
 Note: COURSE RESTRICTED TO AN S, DY S, GENPV MAJORS
 ONLY
 1803005 1 MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 14-MAY 10

1803010 2 MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 14-MAY 10

BF FEEDLOT SYST MGT AN S 426 3 CREDITS
 Prereq: AN S 226, AN S 270, AN S 270L, AN S 320.
 RECOMMENDED: ECON 230 OR EQUIVALENT.
 Note: COURSE RESTRICTED TO AN S, DY S, GENPV MAJORS
 ONLY
 1550005 1 MW 8:00-8:50
 M 10:00-11:50
 MEETS: JAN 14-MAY 10

1550010 2 MW 8:00-8:50
 M 10:00-11:50
 MEETS: JAN 14-MAY 10

SHEEP SYSTEMS MGT AN S 429 3 CREDITS
 Prereq: 229; 319; 320; 331; 352. AGRON 334 IS
 RECOMMENDED. ECON 230 OR EQUIVALENT IS RECOMMENDED.
 1551005 1 TR 10:00-10:50
 R 2:10-4:00
 MEETS: JAN 14-MAY 10

APP DAIRY FARM EVAL AN S 435 3 CREDITS
 Prereq: 434, ECON 230
 8618005 1 MW 1:10-2:00
 F 8:00-9:50
 MEETS: JAN 14-MAY 10

INT'L ANIMAL AGRICU AN S 441 3 CREDITS
 Prereq: CREDIT IN TWO OF THE FOLLOWING COURSES:
 AN S 223, AN S 225, AN S 226, AN S 229, AN S 235
 Note: Meets international perspectives reqmt
 9246005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

PROCESSED MEATS AN S 460 3 CREDITS
 Prereq: 270, 270L
 1555010 1 MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 14-MAY 10

1555015 2 MW 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

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 14-MAY 10

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 14-MAY 10

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 MW 3:10-5:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

BEEF INDU LDR FELLOW AN S 480A 1 CREDIT
 Prereq: 226, INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 8710005 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 14-MAY 10

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 1 MW 2:10-3:00
 MEETS: JAN 14-MARCH 8

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

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

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
 1539010 NL ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC NL - PRE-TRAVEL TO THE NETHERLANDS
 SUMMER 2018
 Instructor permission required.

TEACHING 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

DIGESTV PHYSL RUMIN AN S 520 3 CREDITS
 Prereq: 419 OR NUTRS 501
 1573005 1 ARRANGED
 MEETS: JAN 14-MAY 10

PHYSL&ENDOCRN REPRO AN S 533 2 CREDITS
 Prereq: GENERAL PHYSIOLOGY COURSE
 1574005 1 ARRANGED
 MEETS: JAN 14-MAY 10

PERINATOLOGY AN S 536 2 CREDITS
 Prereq: ONE COURSE IN PHYSIOLOGY; ONE COURSE IN
 BIOCHEMISTRY
 1782005 1 ARRANGED
 MEETS: JAN 14-MAY 10

TOPICS GENOME ANALY AN S 556 3 CREDITS
 Prereq: BBMB 405 OR GDCB 510
 2050005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

PROCESSED MEATS AN S 560 3 CREDITS
 Prereq: 270
 1730005 1 MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 14-MAY 10
 1730010 2 MW 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 14-MAY 10

LINEAR MOD&GEN PRED AN S 562A 2 CREDITS
 Prereq: 561, STAT 402
 2352005 1 ARRANGED
 MEETS: JAN 14-MAY 10

ADV MEAT SCI&MUSCLE AN S 570 3 CREDITS
 Prereq: 460
 1578005 1 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 14-MAY 10

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

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

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

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

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

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

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

SPL TOP POULTR 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

VITAMINS & MINERALS AN S 618 2 CREDITS
 Prereq: BIOCHEMISTRY, PHYSIOLOGY, BASIC NUTRITION
 4279005 1 TR 10:00-10:50
 MEETS: JAN 14-MAY 10

AN BREEDG GOALS&SEL AN S 652A 2 CREDITS
 Prereq: 561
 Note: Instructor permission required 1st week.
 1598005 1 ARRANGED
 MEETS: JAN 14-MAY 10

SEM AN BREEDG&GENET AN S 658 1 CREDIT
 7083005 1 T 2:10-3:00
 MEETS: JAN 14-MAY 10

SEMINAR MEAT SCIENC AN S 684 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1604005 1 T 12:10-1:00
 MEETS: JAN 14-MAY 10

SEMINAR ANIMAL SCI AN S 695 1 CREDIT
 Satisfactory-Fail Only.
 7289005 1 F 3:10-4:00
 MEETS: JAN 14-MAY 10

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

ANTHROPOLOGY

(CONTINUED)

INTRO CULTURL ANTHR ANTHR 201 3 CREDITS
 Note: Meets international perspectives reqmt
 1615005 1 MW 10:00-10:50
 W 11:00-11:50
 MEETS: JAN 14-MAY 10
 1615010 2 MW 10:00-10:50
 W 12:10-1:00
 MEETS: JAN 14-MAY 10
 1615015 3 MW 10:00-10:50
 W 1:10-2:00
 MEETS: JAN 14-MAY 10
 1615020 4 MW 10:00-10:50
 W 2:10-3:00
 MEETS: JAN 14-MAY 10
 1615025 5 MW 10:00-10:50
 R 3:10-4:00
 MEETS: JAN 14-MAY 10
 1615030 6 MW 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 14-MAY 10
 1615035 7 MW 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 14-MAY 10
 1615040 8 MW 10:00-10:50
 R 11:00-11:50
 MEETS: JAN 14-MAY 10
 1615045 9 MW 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 14-MAY 10
 1615050 10 MW 10:00-10:50
 R 1:10-2:00
 MEETS: JAN 14-MAY 10
 1615055 11 MW 10:00-10:50
 R 2:10-3:00
 MEETS: JAN 14-MAY 10
 INTR BIOL AN&ARCHEO ANTHR 202 3 CREDITS
 1616005 1 MW 9:00-9:50
 M 10:00-10:50
 MEETS: JAN 14-MAY 10
 1616010 2 MW 9:00-9:50
 M 11:00-11:50
 MEETS: JAN 14-MAY 10
 1616015 3 MW 9:00-9:50
 M 12:10-1:00
 MEETS: JAN 14-MAY 10
 1616020 4 MW 9:00-9:50
 M 1:10-2:00
 MEETS: JAN 14-MAY 10
 1616025 5 MW 9:00-9:50
 M 2:10-3:00
 MEETS: JAN 14-MAY 10
 GLOBAL SUSTAINABLT ANTHR 220 3 CREDITS
 Note: T SC 220/ANTHR 220/ENV S 220/GLOBE 220/MAT E 220/
 M E 220/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
 MEETS: JAN 14-MAY 10
 GLOBALZAT&HUMN COND ANTHR 230 3 CREDITS
 Note: Meets international perspectives reqmt
 7017005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 7017010 2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 CULTURL ANTHROPOLOGY ANTHR 306 3 CREDITS
 Prereq: 201
 Note: Meets international perspectives reqmt
 1617005 1 MW 10:00-10:50
 T 8:00-9:50
 MEETS: JAN 14-MAY 10
 1617010 2 MW 10:00-10:50
 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 1617015 3 MW 10:00-10:50
 T 12:10-2:00
 MEETS: JAN 14-MAY 10
 1617020 4 MW 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 14-MAY 10
 BIOLOGICAL ANTHROPO ANTHR 307 3 CREDITS
 Prereq: 202
 Note: Instructor permission required 1st week.
 1618005 1 TR 10:00-10:50
 F 8:00-9:50
 MEETS: JAN 14-MAY 10
 1618010 2 TR 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 14-MAY 10
 1618015 3 TR 10:00-10:50
 F 12:10-2:00
 MEETS: JAN 14-MAY 10
 1618020 4 TR 10:00-10:50
 F 2:10-4:00
 MEETS: JAN 14-MAY 10

ARCHAEOL OF N AMERI ANTHR 315 3 CREDITS
 Prereq: 202
 Note: Meets U.S. diversity reqmt
 1636005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 SKELETAL BIOLOGY ANTHR 319 3 CREDITS
 Prereq: 307 OR COLLEGE LEVEL BIOL REQUIRED
 2754005 1 MW 2:10-3:00
 T 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 2754010 2 MW 2:10-3:00
 R 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 TOP LAT AM RACE,CLS ANTHR 323C 3 CREDITS
 Prereq: ANTHR 201 OR ANTHR 306 RECOMMENDED
 Note: Meets international perspectives reqmt
 3519005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 PEOPLE&CULTR AFRICA ANTHR 325 3 CREDITS
 Prereq: ANTHR 201 OR ANTHR 306 RECOMMENDED
 Note: Meets international perspectives reqmt
 9589005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 ASIAN AM MATRL CULT ANTHR 333 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9136005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 WAR&HUMNTRN POLITCS ANTHR 354 3 CREDITS
 Prereq: POL S 235 OR POL S 251 OR ANTHR 210
 OR ANTHR 230
 Note: Meets international perspectives reqmt
 5550005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 INTERNSHIP ARCHAEOL 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.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 INTERNSHIP CULTRL A ANTHR 434B 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.
 1031007 AR ARRANGED REED A
 MEETS: JAN 14-MAY 10
 1031023 CG ARRANGED HILL C
 MEETS: JAN 14-MAY 10
 1031050 GA ARRANGED ARNDT G
 MEETS: JAN 14-MAY 10
 1031139 MV ARRANGED VIATORI M
 MEETS: JAN 14-MAY 10
 1031152 NG ARRANGED GABIAM N
 MEETS: JAN 14-MAY 10
 1031176 SB ARRANGED BRAUN S
 MEETS: JAN 14-MAY 10
 INTERNSHP BIOLOGC A ANTHR 434C 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.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 INTERNSHP LINGUIS A ANTHR 434D 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.
 1094139 MV ARRANGED VIATORI M
 MEETS: JAN 14-MAY 10
 PRACTICUM ARCHAEOL ANTHR 451A 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 4780005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 PRACTICUM CULTURAL A ANTHR 451B 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 1095005 1 ARRANGED
 MEETS: JAN 14-MAY 10

ANTHROPOLOGY (CONTINUED)

PRACTICUM LINGUIST A ANTHR 451D 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 1167005 1 ARRANGED
 MEETS: JAN 14-MAY 10

INDEP STDY ARCHAEOLOG 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

ARCHAEOLOG OF N AMERI ANTHR 515 3 CREDITS
 Prereq: 202
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 Meets U.S. diversity reqmt
 7527005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

SKELETAL BIOLOGY ANTHR 519 3 CREDITS
 Prereq: 307 OR COLLEGE LEVEL BIOLOGY RECOMMENDED
 2760005 1 MW 2:10-3:00
 T 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 2760010 2 MW 2:10-3:00
 R 4:10-6:00PM
 MEETS: JAN 14-MAY 10

TOP LATN AM REGIONAL ANTHR 523D 3 CREDITS
 Prereq: 6 CREDITS IN ANTHROPOLOGY, 201 OR 306 RECOMMENDED
 Note: Meets international perspectives reqmt
 3818005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

LAT AMER: CULTR&SPRT ANTHR 523E 3 CREDITS
 Prereq: ANTHR 201 OR ANTHR 306 RECOMMENDED
 2000005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

RSRCH&PRSNT FORENSC ANTHR 542 1 CREDIT
 5259005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 5259110 KK ARRANGED
 MEETS: JAN 14-MAY 10

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

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

APPAREL, EVENTS & HOSPITALITY MGMT

ORIENTATN FOR AESHM AESHM 112 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN AESHM 113
 5099005 1A W 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO EVENT, HRI AND HSP H MAJORS ONLY
 5099010 1B W 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1B RESTRICTED TO A M D, AMDP MAJORS ONLY

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

SUPV WRK EXP I:HSPY AESHM 170D 1 CREDIT
 Prereq: ADVISER PERMISSION REQUIRED
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 Satisfactory-Fail Only.
 1107005 1 ARRANGED
 MEETS: JAN 14-MAY 10

SUPV WRK EXP I:EVNT AESHM 170F 1 CREDIT
 Prereq: ADVISER PERMISSION REQUIRED
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 Satisfactory-Fail Only.
 1113005 1 ARRANGED
 MEETS: JAN 14-MAY 10

SPV WRK EXP I:APPAR AESHM 170N 1 CREDIT
 Prereq: ADVISER PERMISSION REQUIRED; FRESHMAN CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 Satisfactory-Fail Only.
 1125005 1 ARRANGED
 MEETS: MARCH 11-MAY 10

FINANC APP:HSPY MGT AESHM 175D 2 CREDITS
 Note: COURSE RESTRICTED TO CS A, CS H, EVENT, HRI & HSP M MAJORS ONLY
 2237005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: Course delivery is WWW

FINANCL APPS:RETAIL AESHM 175N 2 CREDITS
 7809005 1 ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: Course delivery is WWW

LDRSHP EXPRNC&DEVEL AESHM 211 3 CREDITS
 9596005 1A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO A M D, AMDP, EVENT, HRI & HSP M
 9596010 1B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1B FOR MAJORS OTHER THAN A M D, AMDP, EVENT, HRI & HSP M

PRE-PRO STRATEGIES AESHM 213X 1 CREDIT
 Prereq: TRANSFER STUDENT OR CHANGE OF MAJOR TO A M D, EVENT, OR HSP M
 7567005 1 M 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO HSP M, EVENT MAJORS ONLY
 7567010 2 W 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 2 RESTRICTED TO A M D MAJORS ONLY

CREATVITY ON DEMAND AESHM 222 3 CREDITS
 9595005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY
 9595010 2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 2 RESTRICTED TO EVENT, HSP M MAJORS ONLY
 9595015 3 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 3 FOR MAJORS OTHER THAN A M D, EVENT & HSP M

SUP WRK EXP II:HSPY AESHM 270D 1- 2 CREDITS
 Prereq: 6 CREDITS IN AESHM OR HSP M, CREDITS IN AESHM 170, MINIMUM 2.0 GPA, ADVISER PERMISSION REQUIRED, SOPHOMORE CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 1132005 1 ARRANGED
 MEETS: JAN 14-MAY 10

SUP WRK EXP II:EVNT AESHM 270F 1- 2 CREDITS
 Prereq: 6 CREDITS IN AESHM OR HSP M OR EVENT; MINIMUM 2.0 GPA; ADVISER PERMISSION REQ'D; EMPLOYER LOCATION SHOULD BE DIFFERENT THAN EMPLOYER LOCATION USED FOR AESHM 170 AND AESHM 470
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 1203005 1 ARRANGED
 MEETS: JAN 14-MAY 10

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

SUP WRK EXP II:APPA AESHM 270N 1- 2 CREDITS
 Prereq: MINIMUM 2.0 GPA; ADVISER PERMISSION
 REQUIRED; SOPHOMORE A M D CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 1270005 1 ARRANGED
 MEETS: MARCH 11-MAY 10

FASHN SHOW PROD&PRM AESHM 272 1- 3 CREDITS
 Prereq: APPLICATION AND INSTRUCTOR PERMISSION.
 APPLICATION FORM AVAILABLE FROM AESHM DEPT OFFICE.
 Note: NO MORE THAN 4 CREDITS OF AESHM 272 MAY
 BE APPLIED TOWARD GRADUATION
 9593005 1A W 6:10-8:00PM
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.
 9593010 1B W 6:10-8:00PM
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

ORIEN INT'L FLD STU AESHM 281 1 CREDIT
 1293005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.
 1293015 CZ W 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: PRE-TRAVEL FOR PRAGUE
 1293010 DE M 3:10-5:00
 MEETS: JAN 14-MAY 10
 Note: PRE-TRAVEL FOR GERMANY

PRIN MGMT HUMAN SCI AESHM 287 3 CREDITS
 4608005 1A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO HRI, EVENT, HSP M
 MAJORS ONLY
 4608010 1B MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1B RESTRICTED TO A M D, AMDP STUDENTS
 ONLY
 4608015 1C MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1C FOR MAJORS OTHER THAN AMDP, HRI,
 HSP M, EVENT, T C.

SEM CAREERS:EVENT&H AESHM 311E 1 CREDIT
 Prereq: AESHM 113E, SOPHOMORE CLASSIFICATION
 1517005 1 ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1 RESTRICTED TO EVENT, HSP M MAJORS ONLY
 1517010 2 ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2 RESTRICTED TO EVENT, HSP M MAJORS ONLY

SEM CAREERS:APPAREL AESHM 311N 1 CREDIT
 Prereq: AESHM 113N, SOPHOMORE CLASSIFICATION
 1624005 1 T 5:10-6:00PM
 MEETS: JAN 14-MARCH 8
 Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY

HSPTY&APPARL MARKTG AESHM 340 3 CREDITS
 Prereq: ECON 101
 2921005 1 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO CUSFA, CUSFH, EVENT, HRI,
 HSP M MAJORS ONLY
 2921010 2 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 2 RESTRICTED TO A M D, AMDP, CUFSA, CUFSH
 MAJORS ONLY
 2921015 3 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO MAJORS OTHER THAN A M D,
 AMDP, CUSFA, CUSFH & T C MAJORS

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 14-MAY 10
 Note: SEC 1A RESTRICTED TO HRI, HSP M, EVENT
 MAJORS.
 4609010 1B MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 4609015 1C MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1C FOR MAJORS OTHER THAN HRI, HSP M, EVENT,
 T C.

U.S. FLD STDY:EVENT AESHM 380F 1- 3 CREDITS
 Prereq: 9 CREDITS IN EVENT, AESHM, OR HSP M;
 SOPHOMORE CLASSIFICATION; MINIMUM 2.0 GPA;
 PERMISSION BY APPLICATION
 Note: Instructor permission required.
 1660005 1 M 1:10-2:00
 MEETS: MARCH 11-MAY 10
 Note: Field trips & travel fee \$790.00

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

U.S. FLD STU:APPARL AESHM 380N 1- 3 CREDITS
 Prereq: 10 CREDITS IN EVENT, AESHM, OR HSP M;
 SOPHOMORE CLASSIFICATION; MINIMUM 2.0 GPA;
 PERMISSION BY APPLICATION
 Note: Instructor permission required.
 1663005 1 W 5:10-6:00PM
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1: NEW YORK
 1663010 2 W 5:10-6:00PM
 ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2: L.A.
 1663015 3 W 4:10-5:00, ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 3: MAGIC

INT'L FLD STU:HSPTY AESHM 381D 1- 3 CREDITS
 Prereq: 9 CREDITS IN AESHM AND/OR HSP M;
 SOPHOMORE CLASSIFICATION; MINIMUM 2.0 GPA;
 PERMISSION BY APPLICATION
 Note: Meets international perspectives reqmt
 8774800 BS ARRANGED KRAMER J
 MEETS: FEB 4-MAY 6
 Note: SEC BS STUDY ABROAD SHORTS: INTRODUCTION TO THE
 BAHAMAS. SPRING 2018. TRAVEL MARCH 15-23
 Study Abroad Administrative Fee Applies

COOPERATIVE EDUCATN AESHM 398 R CREDIT
 Prereq: PERMISSION OF ADVISER; JR CLASSIFICATN
 1002005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO HRI, HSP M MAJORS ONLY
 Instructor permission required.
 1002010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC TO RESTRICTED TO EVENT MAJORS ONLY
 Instructor permission required.
 1002015 3 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO A M D MAJORS ONLY
 Instructor permission required.

SEM ISS:EVNT&HSPTLY AESHM 411E 1 CREDIT
 Prereq: SENIOR CLASSIFICATION IN AESHM
 7664005 1 ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: Course delivery is WWW

DEV GLOBAL LEADRSHP AESHM 421 3 CREDITS
 Note: Meets international perspectives reqmt
 4611005 1A ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M
 MAJORS ONLY
 Course delivery is WWW
 4611010 1B ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI,
 HSP M
 Course delivery is WWW

HUMAN RESOURCE MGMT AESHM 438 3 CREDITS
 Prereq: AESHM 270, AESHM 275 OR AESHM 287;
 JUNIOR CLASSIFICATION
 2923005 1A TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO HRI, HSP M, EVENT
 MAJORS ONLY
 2923010 1B TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1B RESTRICTED TO A M D MAJORS ONLY.

INTERNSHP EVENT MGT AESHM 470F 3- 6 CREDITS
 Prereq: AESHM 311, EVENT 271, EMPLOYER/LOCATION
 SHOULD BE DIFFERENT THAN EMPLOYER/LOCATION USED FOR
 AESHM 170 AND AESHM 270
 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 3- 6 CREDITS
 Prereq: AESHM 311, 9 CREDITS IN A M D, MINIMUM
 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR
 CLASSIFICATION; EMPLOYER/LOCATION SHOULD BE DIFFERENT
 THAN EMPLOYER/LOCATION USED FOR AESHM 170 AND 270
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FASHION SHOW MGT AESHM 472 2- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 5 CREDITS OF AESHM 472 MAY BE
 APPLIED TOWARD GRADUATION
 1872005 1 W 6:10-8:00PM
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1 OFFERED FOR 3 CREDITS
 Instructor permission required.
 1872010 2 W 6:10-8:00PM
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 2 OFFERED FOR 2 CREDITS
 Instructor permission required.

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

ENTREPRNR HUMAN SCI AESHM 474 3 CREDITS
 Prereq: A M D 275 OR AESHM 287 OR ACCT 284
 OR 3 CREDITS IN MKT OR PERMISSION OF INSTRUCTOR
 4618005 1A TR 6:30-7:50PM
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS
 4618010 1B TR 6:30-7:50PM
 MEETS: JAN 14-MAY 10
 Note: SEC 1B RESTRICTED TO CUFSA, CUFSH, EVENT,
 HRI, HSP M MAJORS ONLY
 4618015 1C TR 6:30-7:50PM
 MEETS: JAN 14-MAY 10

INDEP STUDY: HONORS AESHM 490H 2- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN AESHM 498 R CREDIT
 Prereq: PERMISSN OF ADVISER; SR CLASSIFICATION.
 REGISTER PRIOR TO COMMENCING WORK.
 1455005 1 ARRANGED
 MEETS: JAN 14-MAY 10

SEMINAR AESHM 511 1- 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN A M D, AESHM,
 OR HSP M; PERMISSION OF INSTRUCTOR
 Note: OFFERED FOR 1 CREDIT SPRING 2018
 1507005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 1507010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

PRACTCM APPAR MCHDS AESHM 570A 1- 3 CREDITS
 Prereq: 6 GRAD CREDITS IN PROGRAM AREA;
 INSTRUCTOR PERMISSION
 6660005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

PRACTCM HSPITLTY MGT AESHM 570B 1- 3 CREDITS
 Prereq: 6 GRAD CREDITS IN PROGRAM AREA;
 INSTRUCTOR PERMISSION
 1509005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

TCHG PRACTCM APPARL AESHM 670A 1- 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN PROGRAM AREA;
 PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

TCHG PRCTCM HSPTLTY AESHM 670B 1- 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN PROGRAM AREA;
 PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPAREL, MERCHANDISING, AND DESIGN

APPARL ASSEMBL PROC A M D 121 3 CREDITS
 Prereq: ENROLLMENT IN A M D 204 RECOMENDED
 6602005 1 M 10:00-10:50
 TR 11:00-12:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 6602010 2 M 10:00-10:50
 TR 1:10-3:00
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 6602015 3 M 10:00-10:50
 TR 3:10-5:00
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.

DRESS&DIVRSTY SOCIE A M D 165 3 CREDITS
 Note: Meets U.S. diversity reqmt
 6603005 1A TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY
 6603010 1B TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1B FOR MAJORS OTHER THAN A M D

INTR APPRL DSN STDO A M D 178 3 CREDITS
 Note: COURSE RESTRICTED TO A M D FRESHMAN
 8923005 1 WF 9:00-10:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 8923010 2 MW 3:10-5:00, ARRANGED
 MEETS: JAN 14-MAY 10

TEXTILE SCIENCE A M D 204 4 CREDITS
 Prereq: A M D 131
 6604005 1 TR 9:30-10:50
 W 1:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY
 6604010 2 TR 9:30-10:50
 W 3:10-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 2 RESTRICTED TO A M D MAJORS ONLY
 6604015 3 TR 9:30-10:50
 F 11:00-12:50
 MEETS: JAN 14-MAY 10

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

TEXTILE SCIENCE A M D 204 4 CREDITS
 Note: SEC 3 RESTRICTED TO A M D MAJORS ONLY
 6604020 4 ARRANGED, T 9:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 4 RESTRICTED TO A M D MAJORS ONLY
 6604025 5 ARRANGED, R 9:00-10:50
 MEETS: JAN 14-MAY 10

HONORS TEXTILE SCI A M D 204H 4 CREDITS
 7590005 1 TR 9:30-10:50
 W 1:10-3:00
 MEETS: JAN 14-MAY 10
 7590010 2 TR 9:30-10:50
 W 3:10-5:00
 MEETS: JAN 14-MAY 10
 7590015 3 TR 9:30-10:50
 F 11:00-12:50
 MEETS: JAN 14-MAY 10

DESGN SELECTV ADVNC A M D 206 R CREDIT
 Prereq: COMPLETION OR ENROLLMENT IN A M D 121,
 A M D 131, A M D 178, AND A M D 204, AND
 ENROLLMENT IN MAJOR.
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 4188005 1 ARRANGED
 MEETS: MARCH 11-MAY 10
 4188010 2 ARRANGED
 MEETS: JAN 14-MARCH 8

CPR APP DIGTL DSGN A M D 210 3 CREDITS
 Prereq: A M D 131, A M D 245 OR CONCURRENT
 ENROLLMENT, AESHM 113N
 Note: COURSE RESTRICTED TO AMDP MAJORS ONLY
 5087005 1 T 1:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10
 5087010 2 R 1:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10

PATTRNMAK I:DRFT&FL A M D 225 3 CREDITS
 Prereq: A M D 121, A M D 204, A M D 206
 6607005 1 MWF 9:00-10:30
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.
 6607010 2 MWF 1:10-2:40
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

PRODUCT DEVELOP&MFG A M D 231 4 CREDITS
 Prereq: A M D 204
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY
 6608005 1 TR 8:00-9:20
 F 1:10-3:00
 MEETS: JAN 14-MAY 10
 6608010 2 TR 8:00-9:20
 W 10:00-11:50
 MEETS: JAN 14-MAY 10
 6608015 3 TR 8:00-9:20
 F 8:00-9:50
 MEETS: JAN 14-MAY 10

AESTHETC&BRAND IMAG A M D 245 3 CREDITS
 Prereq: A M D 131, A M D 165; CREDIT OR
 ENROLLMENT IN A M D 204
 6609005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY

RETAIL MERCHANDISING A M D 275 3 CREDITS
 Prereq: 3 CREDITS IN MATH
 2853005 1A TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY
 2853010 1B TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 2853015 1C TR 11:00-12:20
 MEETS: JAN 14-MAY 10

FASHION ILLUSTRATN A M D 278 3 CREDITS
 Prereq: A M D 178, A M D 210 OR CONCURRENT
 ENROLLMENT, A M D 245 OR CONCURRENT ENROLLMENT,
 PERMISSION OF INSTRUCTOR
 6611005 1 MWF 11:00-12:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

CPR-AID PATTRNMAKNG A M D 310 3 CREDITS
 Prereq: A M D 210, A M D 225; PERMISSION OF
 INSTRUCTOR
 1142005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

CPTR INTEGRAT DSGN A M D 321 3 CREDITS
 Prereq: A M D 210, CREDIT OR ENROLLMENT IN A M D 278, INSTRUCTOR PERMISSION
 Note: RESTRICTED TO A M D MAJORS ONLY
 6605005 1 MWF 9:00-10:50
 MEETS: JAN 14-MAY 10

PATTRNMAK II:DRAPNG A M D 325 3 CREDITS
 Prereq: A M D 206, A M D 225, INSTRUCTOR PERMISSN
 Note: Instructor permission required.
 7199005 1 MWF 3:10-5:00 CHO S
 MEETS: JAN 14-MAY 10
 Note: THERE IS A \$90 FEE ON THIS COURSE

DIGTL TXTLE PRINTNG A M D 329 3 CREDITS
 Prereq: A M D 321, CREDIT OR CONCURRENT ENROLLMENT IN A M D 325
 7365005 1 TR 2:10-4:00
 MEETS: JAN 14-MAY 10
 Note: 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: SEC 1A, 2A RESTRICTED TO A M D MAJORS ONLY
 SEC 1B, 2B FOR MAJORS OTHER THAN A M D
 4473005 1A T 12:40-2:00, ARRANGED
 MEETS: JAN 14-MAY 10
 4473010 1B T 12:40-2:00, ARRANGED
 MEETS: JAN 14-MAY 10
 4473015 2A R 12:40-2:00, ARRANGED
 MEETS: JAN 14-MAY 10
 4473020 2B R 12:40-2:00, ARRANGED
 MEETS: JAN 14-MAY 10

CULTUR PERSPC DRESS A M D 362 3 CREDITS
 Prereq: A M D 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC
 Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY
 SEC 1B FOR MAJORS OTHER THAN A M D
 Meets international perspectives reqmt
 6622005 1A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 6622010 1B MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

SOURCNG&GLOBAL ISSU A M D 372 3 CREDITS
 Prereq: A M D 231, A M D 275. RECOMMEND ECON 101 OR ECON 102.
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY
 Meets international perspectives reqmt
 8133005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

HONORS SOURCNG&GLBL A M D 372H 3 CREDITS
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Meets international perspectives reqmt
 6632005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

MERCHDS PLAN&BUYING A M D 376 4 CREDITS
 Prereq: A M D 275; COM S 113; 3 CREDITS FROM ACCT 284, MATH 104, MATH 105, MATH 140, MATH 150, OR EQUIVALENT
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY
 6625005 1 TR 11:00-11:50
 T 2:10-4:00
 MEETS: JAN 14-MAY 10
 6625010 2 TR 11:00-11:50
 R 9:00-10:50
 MEETS: JAN 14-MAY 10

VISUAL PRESNTN&PRMO A M D 377 3 CREDITS
 Prereq: A M D 245 OR AESHM 342; AESHM 340 OR MKT 340
 6626005 1A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: Materials fee \$30.00
 6626010 1B MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 6626015 1C MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

ADV TEXTILE SCIENCE A M D 404 3 CREDITS
 Prereq: A M D 204, CHEM 163 AND CHEM 163L OR EQUIVALENT
 Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY
 SEC 1B FOR MAJORS OTHER THAN A M D
 6613005 1A TR 11:00-12:30
 MEETS: JAN 14-MAY 10
 6613010 1B TR 11:00-12:30
 MEETS: JAN 14-MAY 10

CREATV DSGN PROCES A M D 426 3 CREDITS
 Prereq: A M D 206; A M D 321; A M D 325 OR CONCURRENT ENROLLMENT
 6619005 1 MWF 11:00-12:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

APPARL PRODUCTN MGT A M D 431 3 CREDITS
 Prereq: A M D 231, CREDIT OR CONCURRENT ENROLLMENT IN A M D 372. A M D 121 IS RECOMMENDED.
 Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY
 SEC 1B FOR MAJORS OTHER THAN A M D
 6618005 1A TR 8:00-10:50
 MEETS: JAN 14-MAY 10
 6618010 1B TR 8:00-10:50
 MEETS: JAN 14-MAY 10

RETAIL INFO ANALYSI A M D 475 3 CREDITS
 Prereq: A M D 376
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY
 4159005 1 TR 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 14-MAY 10
 4159010 2 TR 1:10-2:00
 F 2:10-4:00
 MEETS: JAN 14-MAY 10

OMNI-CHANNL RETAILI A M D 477 3 CREDITS
 Prereq: 3 CREDITS IN MARKETING OR A M D 275 OR AESHM 287
 4776005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

IND STU TEXTILE SCI A M D 490A VAR. CREDITS
 Prereq: 6 CR IN A M D, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
 Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND A M D 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST HIST TX&DRSS A M D 490B VAR. CREDITS
 Prereq: 6 CR IN A M D; PERMISSION OF THE INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
 Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND A M D 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU TXTL&AP DSN A M D 490C VAR. CREDITS
 Prereq: 6 CR IN A M D; PERMISSION OF THE INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
 Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND A M D 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST ENTREPRENEUR A M D 490E VAR. CREDITS
 Prereq: 6 CR IN A M D; PERMISSION OF THE INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
 Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND A M D 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU PSY OF DRSS A M D 490F VAR. CREDITS
 Prereq: 6 CR IN A M D; PERMISSION OF THE INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
 Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND A M D 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS A M D 490H VAR. CREDITS
 Prereq: 6 CR IN A M D; PERMISSION OF THE INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR.
 MEMBERSHIP IN THE UNIVERSITY HONORS PROGRAM.
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY. NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND A M D 490 MAY BE APPLIED TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY:PROD DEVEL A M D 490J VAR. CREDITS
 Prereq: 6 CREDITS IN A M D. PERMISSION OF THE INSTRUCTOR, ADVISER, AND DEPARTMENT CHAIR.
 Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND A M D 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU:PR&QUAL ASU A M D 490S VAR. CREDITS
 Prereq: 6 CREDITS IN A M D. PERMISSION OF THE INSTRUCTOR, ADVISER, AND DEPARTMENT CHAIR.
 Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND A M D 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY:FASHN SHOW A M D 490W VAR. CREDITS
 Prereq: 6 CREDITS IN A M D. PERMISSION OF THE INSTRUCTOR, ADVISER, AND DEPARTMENT CHAIR.
 Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND A M D 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

FASHN PROD DV&PROTO A M D 496 3 CREDITS
 Prereq: A M D 231, A M D 245, A M D 275
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY
 4507005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

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

TXITLE COLOR THEORY A M D 504 3 CREDITS
 Prereq: A M D 204; CHEM 163 AND CHEM 163L
 OR EQUIVALENT
 6647005 1 TR 11:00-12:30
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

SPL TOP TEXTILE SCI A M D 590A VAR. CREDITS
 Prereq: PERMISSION OF DIRECTOR OF GRADUATE
 EDUCATION, ADVISER, AND INSTRUCTOR(S)
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC HIST DRESS A M D 590B VAR. CREDITS
 Prereq: PERMISSION OF DIRECTOR OF GRADUATE
 EDUCATION, ADVISER, AND INSTRUCTOR(S)
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TXTL&AP DSN A M D 590C VAR. CREDITS
 Prereq: PERMISSION OF DIRECTOR OF GRADUATE
 EDUCATION, ADVISER, AND INSTRUCTOR(S)
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP MCHDS,ENTREP A M D 590E VAR. CREDITS
 Prereq: PERMISSION OF DIRECTOR OF EDUCATION
 EDUCATION, ADVISER, AND INSTRUCTOR(S)
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOC-PSY ASP A M D 590F VAR. CREDITS
 Prereq: PERMISSION OF DIRECTOR OF EDUCATION
 EDUCATION, ADVISER, AND INSTRUCTOR(S)
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PROD DEVEL A M D 590J VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PROD&QUALTY A M D 590S VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC FASHN SHOW A M D 590W VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT A M D 599 VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN A M D
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOC SCI THRY APPEAR A M D 665 3 CREDITS
 Prereq: 6 CREDITS IN SOCIOLOGY OR PSYCHOLOGY
 6659005 A ARRANGED
 MEETS: JAN 14-MAY 10

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
 Prereq: ARABC 101 OR PLACEMENT BY DEPT EXAM
 Note: Meets international perspectives reqmt
 7442005 1 MTWR 11:00-11:50
 MEETS: JAN 14-MAY 10

ARABIC CULTURE ARABC 375 3 CREDITS
 Note: Meets international perspectives reqmt
 9895005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY ARABC 490 1- 6 CREDITS
 Prereq: 6 CREDITS IN ARABC, PERMISSION OF
 DEPARTMENT CHAIR
 Note: NO MORE THAN 6 CREDITS IN ARABC 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURE

ARCHITECT DESIGN II ARCH 202 6 CREDITS
 Prereq: ARCH 201; MATH 142/MATH 145X; PHYS 111
 Note: COURSE RESTRICTED TO ARC MAJORS ONLY
 1674005 1 F 3:10-5:20
 MW 1:10-5:20
 F 1:10-3:00
 MEETS: JAN 14-MAY 10

ARCHITECTURE (CONTINUED)

ARCHITECT DESIGN II ARCH 202H 6- 7 CREDITS
 Prereq: ARCH 201, MATH 142/MATH 145X AND PHYS 111
 8152005 1 F 3:10-5:20
 MW 1:10-5:20
 F 1:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

ARCHITECT DESIGN IV ARCH 302 6 CREDITS
 Prereq: ARCH 301 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 1682005 1 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 14-MAY 10

1682010 2 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 14-MAY 10

1682015 3 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 14-MAY 10

1682020 4 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 14-MAY 10

1682025 5 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 14-MAY 10

ARCHITECT DESIGN IV ARCH 302H 6- 7 CREDITS
 Prereq: ARCH 301 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 8206005 1 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

HIST&THRY MOD ARCHI ARCH 322 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 2024005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

ADV DESIGN REPRESNT ARCH 330X 3 CREDITS
 Prereq: ARCH 230; JUNIOR, SENIOR OR GRAD STANDING
 7923005 1 MW 10:00-11:20
 MEETS: JAN 14-MAY 10

THREE-DIMENS STUDIO ARCH 335 3 CREDITS
 Note: TOPIC: 3D AESTHETIC INVENTION, ORGANIZATION &
 EXPRESSION
 1686005 1 TR 1:10-3:20, ARRANGED
 MEETS: JAN 14-MAY 10

BLDG SCI &TECHNL II ARCH 346 3 CREDITS
 Prereq: ARCH 345, ARCH 345L, MATH 145, PHYS 111;
 CONCURRENT ENROLLMENT IN ARCH 346L
 8245005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

BLDG SCI&TEC II LAB ARCH 346L 2 CREDITS
 Prereq: ARCH 345, ARCH 345L, MATH 145, PHYS 111;
 CONCURRENT ENROLLMENT IN ARCH 346
 8264005 1 TR 2:10-4:00
 MEETS: JAN 14-MAY 10

BLDG SCI &TECHNL IV ARCH 348 3 CREDITS
 Prereq: ARCH 347, ARCH 347L. CONCURRENT
 ENROLLMENT IN ARCH 348L.
 8289005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

BLDG SCI&TEC IV LAB ARCH 348L 2 CREDITS
 Prereq: ARCH 347, ARCH 347L. CONCURRENT
 ENROLLMENT IN ARCH 348.
 8293005 1 TR 4:10-6:00PM
 MEETS: JAN 14-MAY 10

HUM BEHAV&ENVIR THY ARCH 371 3 CREDITS
 Prereq: COMPLETION OF THE PRE-PROFESSIONAL
 PROGRAM AND ADMISSION INTO THE PROFESSIONAL PROGRAM
 IN ARCHITECTURE
 1679005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

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 1 MWF 1:10-5:20
 MEETS: JAN 14-MAY 10

ARCHITECTURE (CONTINUED)

ARCHITECTURE (CONTINUED)

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 1 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 14-MAY 10

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: BYZANTINE ARCHITECTURE
 Meets international perspectives reqmt
 1696005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

TOP 20TH CENTU ARCH ARCH 425 3 CREDITS
 Note: NO MORE THAN 6 CREDITS OF ARCH 425 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 TOPIC: 20TH CENTURY ARCHITECTS AND ARCHITECTURE
 1699005 1 T 6:10-9:00PM
 MEETS: JAN 14-MAY 10

ANALYTICAL DRAWING ARCH 431 3 CREDITS
 Prereq: ARCH 230 AND ARCH 302
 Note: TOPIC: FREEHAND DRAWING: PERCEPTION,
 CONCEPTUALIZATION & ACTUALIZATION
 2154005 1 TR 8:30-10:50
 MEETS: JAN 14-MAY 10

DIGITAL FABRICATION ARCH 433 3 CREDITS
 Prereq: ARCH 230 AND ARCH 301
 Note: TOPIC: COMPUTATION + WEAVING
 3852005 1 MR 10:00-11:20
 MEETS: JAN 14-MAY 10

ADVNCED DESIGN MEDIA ARCH 436 3 CREDITS
 Prereq: ARCH 230
 1704005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

ARCH DSIGN&MEDIA II ARCH 506 5 CREDITS
 Prereq: ARCH 505, ARCH 545, ARCH 545L, ARCH 595.
 CONCURRENT ENROLLMENT IN ARCH 546, ARCH 546L, AND
 ARCH 596.
 7753005 1 MW 1:10-5:20
 F 1:10-2:40
 MEETS: JAN 14-MAY 10

MEANING & FORM ARCH ARCH 525 3 CREDITS
 Prereq: JUNIOR, SENIOR OR GRADUATE CLASSIFICATION
 Note: Meets international perspectives reqmt
 1913005 1 T 6:10-9:00PM
 MEETS: JAN 14-MAY 10

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 2019.
 1731005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 1731010 2 R 6:10-9:00PM
 MEETS: JAN 14-MAY 10
 1731015 3 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 1731020 4 R 8:00-10:50
 MEETS: JAN 14-MAY 10

TOPCL STDI CMMUNCAT ARCH 528C 2- 3 CREDITS
 Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING
 1326005 1 F 9:00-11:50
 MEETS: JAN 14-MAY 10
 1326010 2 MW 6:30-8:00PM
 MEETS: JAN 14-MAY 10
 1326015 3 F 9:00-11:50
 MEETS: JAN 14-MAY 10

DRAWING CULTURE ARCH 531 3 CREDITS
 Prereq: ARCH 221; ARCH 222 OR SENIOR OR GRADUATE
 CLASSIFICATION
 2273005 1 T 9:00-11:50
 MEETS: JAN 14-MAY 10

ADV CMPUTR-AID ARCH ARCH 534 3 CREDITS
 Prereq: ARCH 434 AND PERMISSION OF INSTRUCTOR
 1735005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

BLDG SCI &TECHNL II ARCH 546 3 CREDITS
 Prereq: ARCH 345 AND ARCH 345L, OR ARCH 545
 AND ARCH 545L; MATH 145, PHYS 111.
 CONCURRENT ENROLLMENT IN ARCH 546L.
 8250005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

BLDG SCI&TEC II LAB ARCH 546L 2 CREDITS
 Prereq: ARCH 345 AND ARCH 345L, OR ARCH 545
 ARCH 545L; MATH 145, PHYS 111.
 CONCURRENT ENROLLMENT IN ARCH 546.
 8490005 1 TR 2:10-4:00
 MEETS: JAN 14-MAY 10

BLDG SCI &TECHNL IV ARCH 548 3 CREDITS
 Prereq: ARCH 347, ARCH 347L OR ARCH 547,
 ARCH 547L. CONCURRENT ENROLLMENT IN ARCH 548L.
 8291005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

BLDG SCI&TEC IV LAB ARCH 548L 2 CREDITS
 Prereq: ARCH 347 AND ARCH 347L, OR ARCH 547
 AND ARCH 547L. CONCURRENT ENROLLMENT IN ARCH 548.
 8502005 1 TR 4:10-5:00
 MEETS: JAN 14-MAY 10

CTMP ISS GLOBL HOUS ARCH 573X 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 9846005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

CONTEM URB DSN THRY ARCH 575 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 Note: TOPIC: CIRCULATION & URBANIZATION
 1752005 1 M 9:00-11:50
 MEETS: JAN 14-MAY 10

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 545, ARCH 545L, ARCH 595;
 CONCURRENT ENROLLMNT IN ARCH 506, ARCH 546, AND
 ARCH 546L
 7926005 1 T 9:30-11:50
 R 9:30-10:50
 MEETS: JAN 14-MAY 10

SEMN BUILT ENVIR IV ARCH 598 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 1721005 1 M 9:00-11:50
 MEETS: JAN 14-MAY 10

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 F 12:10-1:00
 MEETS: JAN 14-MAY 10

RESEARCH ARCH 699 3- 9 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

ART EDUCATION

METHDS TEACHING ART ARTED 209 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 7797005 A TR 3:10-5:00
 MEETS: JAN 14-MAY 10
 7797010 B TR 5:10-7:00PM
 MEETS: JAN 14-MAY 10
 7797015 C TR 1:10-3:00
 MEETS: JAN 14-MAY 10

ART EDUCATION

(CONTINUED)

INTRO TO ART EDUC ARTED 211 3 CREDITS
 Prereq: SOPHOMORE LEVEL
 1773005 A1 MW 2:10-5:00
 MEETS: JAN 14-MAY 10
 1773010 A2 MW 2:10-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 RESTRICTED TO ECE, EL ED MAJORS ONLY
 1773015 B1 TR 9:30-12:20
 MEETS: JAN 14-MAY 10
 1773020 B2 TR 9:30-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC A2 RESTRICTED TO ECE, EL ED MAJORS ONLY

ART HISTORY

HISTORY OF ART II ART H 281 3 CREDITS
 Note: Meets international perspectives reqmt
 1791005 A TR 11:00-12:20 GODBEY E
 MEETS: JAN 14-MAY 10
 INTR VISU CULTR STU ART H 292 3 CREDITS
 Note: Meets U.S. diversity reqmt
 1764005 A ARRANGED CUNNALLY J
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 ART&ARCHITC OF ASIA ART H 382 3 CREDITS
 Note: Meets international perspectives reqmt
 2868005 A MW 2:10-3:30 MORGAN E
 MEETS: JAN 14-MAY 10
 ART&THEORY SINCE'45 ART H 395 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 1177005 A TR 4:10-5:30
 MEETS: JAN 14-MAY 10
 HISTORY OF COMICS ART H 489 3 CREDITS
 3875005 A ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 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
 MUSEUM/GLLRY INTERN ART H 497 1- 6 CREDITS
 Prereq: ADVANCED CLASSIFICATION IN A DEPT
 CURRICULUM
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 MUSEUM/GLLRY INTERN ART H 586 1- 6 CREDITS
 Prereq: GRAD CLASSIFICATION AND PERMISSION
 OF INSTRUCTOR. WRITTEN APPROVAL IN ADVANCE OF
 SEMESTER OF ENROLLMENT.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 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 REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMT
 ***** SEE DEPT FOR REFERENCE NUMBERS
 HIST OF PHOTOGRAPHY ART H 596 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 Note: GRADUATE CLASSIFICATION OR PERMISSION OF
 INSTUCTOR.
 8234005 A W 6:10-8:40PM
 MEETS: JAN 14-MAY 10
 TOPICS IN ART HIST ART H 598 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 Note: COURSE TOPIC: ART WORLD AFTER 1989
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 1792005 A R 6:10-9:00PM PARKER W
 MEETS: JAN 14-MAY 10
 Note: SEC A TOPIC: ART & THE WORLD AFTER 1989

ASTRONOMY & ASTROPHYSICS

EARTH&SPC FOR EL ED ASTRO 106 2 CREDITS
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED
 8505005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 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 2:10-4:00
 MEETS: JAN 14-MAY 10
 8584010 2 M 12:10-2:00
 MEETS: JAN 14-MAY 10
 8584015 3 M 10:00-11:50
 MEETS: JAN 14-MAY 10
 8584020 4 M 5:10-7:00PM
 MEETS: JAN 14-MAY 10
 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 SHOULD DROP
 THE COURSE DUE TO INCOMPLETE REGISTRATION.
 STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION.
 1951005 1 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 1951010 2 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 1951015 3 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 1951020 4 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 1951025 5 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 1951030 6 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 1951035 7 F 2:10-3:00
 MEETS: JAN 14-MAY 10
 1951040 8 F 3:10-4:00
 MEETS: JAN 14-MAY 10
 1951045 9 R 4:10-5:00
 MEETS: JAN 14-MAY 10
 1951050 10 M 8:00-8:50
 MEETS: JAN 14-MAY 10
 1951055 11 M 9:00-9:50
 MEETS: JAN 14-MAY 10
 1951060 12 M 10:00-10:50
 MEETS: JAN 14-MAY 10
 1951065 13 M 11:00-11:50
 MEETS: JAN 14-MAY 10
 1951070 14 M 12:10-1:00
 MEETS: JAN 14-MAY 10
 1951075 15 M 1:10-2:00
 MEETS: JAN 14-MAY 10
 1951080 16 M 2:10-3:00
 MEETS: JAN 14-MAY 10
 1951085 17 M 3:10-4:00
 MEETS: JAN 14-MAY 10
 1951120 Z TR 11:00-11:50
 MEETS: JAN 14-MAY 10
 STARS,GALAXIES&COSM ASTRO 150 3 CREDITS
 1952005 1 TR 1:10-2:00
 W 9:00-9:50
 MEETS: JAN 14-MAY 10
 1952010 2 TR 1:10-2:00
 W 10:00-10:50
 MEETS: JAN 14-MAY 10
 1952015 3 TR 1:10-2:00
 W 11:00-11:50
 MEETS: JAN 14-MAY 10
 1952020 4 TR 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 14-MAY 10
 1952025 5 TR 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 14-MAY 10
 ASTRONOMY BIZARRE ASTRO 250 3 CREDITS
 Prereq: 120 OR 150
 4569005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 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
 8740005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

ASTRONOMY & ASTROPHYSICS (CONTINUED)

ASTROPHYSIC COSMOLGY ASTRO 405 3 CREDITS
 Prereq: 346 OR PERMISSION OF INSTRUCTOR
 8791005 1 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

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

ASTROPHYSIC COSMOLGY ASTRO 505 3 CREDITS
 Prereq: 346 OR INSTRUCTOR PERMISSION
 1961005 1 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

GALACTIC ASTRONOMY ASTRO 584 3 CREDITS
 Prereq: ASTRO 405 OR ASTRO 505 OR PERMISSION
 OF INSTRUCTOR
 1963005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10

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 A F 4:10-6:00PM
 MEETS: JAN 14-MAY 10

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

ATHLETIC TRAINING

ORIE ATHL TRN EXPRC A TR 218 .5 CREDIT
 Satisfactory-Fail Only.
 5297005 1 T 12:10-1:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH,
 KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY
 5729010 2 M 8:00-8:50
 R 8:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 2 FOR MAJORS OTHER THAN A TR, D EXA,
 D EXH, KIN H, P ATR, PDEXA, PDEXH
 5729015 3 M 8:00-8:50
 T 8:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH,
 KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY

ETHL INJURIES I A TR 224 3 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Note: COURSE RESTRICTED TO A TR MAJORS ONLY
 6655005 1 MWF 9:00-10:50
 MEETS: JAN 14-MAY 10

ATHL INJURI I PRACT A TR 225 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Note: COURSE RESTRICTED TO A TR MAJORS ONLY
 Satisfactory-Fail Only.
 6670005 1 ARRANGED
 MEETS: JAN 14-MAY 10

INTRO TAPE,EQP,BRAC A TR 240 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Note: COURSE RESTRICTED TO A TR MAJORS ONLY
 Satisfactory-Fail Only.
 2583005 1 MW 10:00-11:50
 MEETS: JAN 14-MAY 10

ATHLETIC TRAINING (CONTINUED)

REHAB ATHLETIC INJUR A TR 326 3 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Note: COURSE RESTRICTED TO A TR MAJORS ONLY
 2639005 1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

REHAB ATH INJ PRACT A TR 327 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Note: COURSE RESTRICTED TO A TR MAJORS ONLY.
 Satisfactory-Fail Only.
 5373005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

EVID-BASED PRACTICE A TR 488 2 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 5775005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO A TR MAJORS ONLY
 Course delivery is WWW

ATHL TRAIN COMPETNC A TR 489 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR,
 SENIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO A TR MAJORS ONLY
 Satisfactory-Fail Only.
 3220005 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

ATHLETICS

(CONTINUED)

INTERCOLLEG TENNIS ATH 1010 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 1 ARRANGED
 MEETS: JAN 14-MAY 10

INTERCOLLEG 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 1 ARRANGED
 MEETS: JAN 14-MAY 10

INTERCOLLEG 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 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 CHEN B
 F 1:10-3:00 CHEN B
 MEETS: JAN 14-MAY 10

1997010 B F 2:10-3:00 CHEN B
 F 2:10-4:00 CHEN B
 MEETS: JAN 14-MAY 10

1997015 C T 10:00-10:50 CHEN B
 T 10:00-11:50 CHEN B
 MEETS: JAN 14-MAY 10

1997020 D T 10:00-10:50 CHEN B
 T 9:00-10:50 CHEN B
 MEETS: JAN 14-MAY 10

BIOCHEM LRNG CMUNTY BBMB 111 1 CREDIT
 Prereq: ENROLLMENT IN BBMB 102 IS HIGHLY RECOMMENDED
 Satisfactory-Fail Only.
 9572005 A W 2:10-3:00 UNDERBAKKE E
 MEETS: JAN 14-MAY 10

CHEM PRIN IN BIO SY BBMB 201 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 332
 2053005 A TR 11:00-11:50 ANDREOTTI A
 MEETS: JAN 14-MAY 10

EXPRMTL RSRCH SKILLS BBMB 212X 2 CREDITS
 Prereq: BBMB 102; CREDIT OR CONCURRENT ENROLLMENT IN CHEM 178 OR CHEM 201
 Note: PLEASE CONTACT DESI GUNNING AT DGUNNING@IASTATE.EDU FOR PERMISSION
 9199005 A T 9:00-9:50 DISPIRITO A
 R 9:00-11:50 DISPIRITO A
 MEETS: JAN 14-MAY 10
 Note: Department permission required.
 Materials fee \$150.00

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

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 A M 3:10-5:00 ROCHE J
 W 3:10-4:00 ROCHE J
 MEETS: JAN 14-MAY 10

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. CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: BBMB 301, BBMB 303X, BBMB 316.
 1999005 A MWF 12:10-1:00 THORNBURG R
 MEETS: JAN 14-MAY 10

BIOCHEMSTRY PRINCIP BBMB 316 3 CREDITS
 Prereq: CHEM 231 OR CHEM 331; BIOL 212, BIOL 313 AND BIOL 314 STRONGLY RECOMMENDED.
 Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 316 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR. CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: BBMB 301, BBMB 303X, BBMB 316
 9022005 A ARRANGED HARGROVE M
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO ON-CAMPUS STUDENTS ONLY
 Course delivery is WWW

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
 2003005 A MWF 11:00-11:50 BEITZ D
 MEETS: JAN 14-MAY 10

PROCARYO DIVERS&ECO BBMB 430 3 CREDITS
 Prereq: MICRO 302, MICRO 302L
 2085005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

LAB MICR PHYSL,DVRS BBMB 440 4 CREDITS
 Prereq: MICRO 302,302L, CHEM 332, BIOL 301L/313L
 2090005 1 TR 2:10-3:00 LEMPER C
 MWF 2:10-4:00
 MEETS: JAN 14-MAY 10

MOLECULR BIOPHYSICS BBMB 461 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 166 AND CHEM 178 AND PHYS 222 OR PHYS 112
 2007005 A TR 11:00-11:50 SHOGREN-KNAAK M
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY BBMB 490 1- 3 CREDITS
 Prereq: AG LS COLLEGE MAJORS: JUNIOR OR SENIOR CLASSIFICATION AND INSTRUCTOR PERMISSION.
 IAS COLLEGE MAJORS: INSTRUCTOR PERMISSION.
 Note: NO MORE THAN 9 CREDITS OF BBMB 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS BBMB 490H 1- 3 CREDITS
 Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
 INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE: JUNIOR OR SENIOR CLASSIFICATION
 Note: NO MORE THAN 9 CREDITS OF BBMB 490 MAY BE APPLIED 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

MEMBRANE BIOCHMSTRY BBMB 506 2 CREDITS
 Prereq: CHEM 332 OR EQUIVALENT
 4203005 A MTRF 1:10-2:00 UNDERBAKKE E
 MEETS: JAN 14-MARCH 8

BIOCHM NUCLEIC ACID BBMB 507 2 CREDITS
 Prereq: CHEM 332 OR EQUIVALENT
 5083005 A MTRF 1:10-2:00 NELSON S
 MEETS: MARCH 11-MAY 10

ENZYM KINETC&MCHNSM BBMB 532 2 CREDITS
 Prereq: BBMB 504
 2996005 1 MW 3:10-4:00
 MEETS: JAN 14-MAY 10

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

BIOINFORMATICS&COMPUTATIONAL BIOL-UG

INTRO DNA TECHNIQS BBMB 542A 1 CREDIT
 Satisfactory-Fail Only.
 7099005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: JAN 15-FEB 14

INTR PROTEIN TECHNQ BBMB 542B 1 CREDIT
 Satisfactory-Fail Only.
 6816010 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: FEB 19-MARCH 28

INTRO CELL TECHNIQS BBMB 542C 1 CREDIT
 Satisfactory-Fail Only.
 7101005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: APRIL 1-MAY 2

COMPUTATNL BIOCHEM BBMB 551X 2 CREDITS
 Prereq: BBMB 404 OR EQUIVALENT
 8983005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10

MOLECULR BIOPHYSICS BBMB 561 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 324 & CHEM 325
 1768005 A TR 11:00-11:50
 MEETS: JAN 14-MAY 10
 1768010 B ARRANGED
 MEETS: JAN 14-MAY 10

MOLECUL BIOPHYS LAB BBMB 561L 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN BBMB 461/561
 1796005 A T 7:10-8:00PM MOSS W
 W 9:00-11:50 MOSS W
 MEETS: JAN 14-MAY 10
 1796010 B T 7:10-8:00PM MOSS W
 W 3:10-6:00PM MOSS W
 MEETS: JAN 14-MAY 10
 1796015 C T 7:10-8:00PM MOSS W
 F 3:10-6:00PM MOSS W
 MEETS: JAN 14-MAY 10
 1796020 D T 7:10-8:00PM MOSS W
 W 12:10-3:00 MOSS W
 MEETS: JAN 14-MAY 10
 1796025 E T 7:10-8:00PM MOSS W
 F 9:00-11:50 MOSS W
 MEETS: JAN 14-MAY 10
 1796030 F T 7:10-8:00PM MOSS W
 F 12:10-3:00 MOSS W
 MEETS: JAN 14-MAY 10

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 A R 5:10-9:00PM MACINTOSH G
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

MOLECULAR SIGNALING BBMB 645 2 CREDITS
 Prereq: BBMB 405, BBMB 420, OR BBMB 502
 2028005 A TR 3:10-4:00
 MEETS: JAN 14-MAY 10

CURR TOPCS NEUROBIO BBMB 661 2- 3 CREDITS
 Prereq: NEURO 556 OR PERMISSION OF INSTRUCTOR
 4707005 1 R 3:10-5:00, ARRANGED
 MEETS: JAN 14-MAY 10

ADVANCED SEMINAR BBMB 681 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2034005 A T 4:10-6:00PM SHIN Y
 MEETS: JAN 14-MAY 10

DEPARTMENT SEMINAR BBMB 682 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2035005 A R 4:10-6:00PM THORNBURG R
 MEETS: JAN 14-MAY 10

RESEARCH SEMINAR BBMB 696 1 CREDIT
 Satisfactory-Fail Only.
 8831005 1 W 4:10-5:30
 MEETS: JAN 14-MAY 10

SEMN MOLEC,C,DV BIO BBMB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2019.
 2037005 A M 3:10-5:00
 MEETS: JAN 14-MAY 10

RESEARCH BBMB 699 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FUND SYST BIOL&NTWK BC BIO 402 3 CREDITS
 Prereq: BIOL 212
 4622005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY BC BIO 490 1- 5 CREDITS
 Prereq: BC BIO 322, JUNIOR OR SENIOR CLASSIFICATN,
 PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE
 THAN 9 CREDITS OF BC BIO 490 OR 491 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEAM RESRCH PROJCTS BC BIO 491 1- 5 CREDITS
 Prereq: BC BIO 322, JUNIOR OR SENIOR CLASSIF,
 PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE
 THAN 9 CREDITS OF BC BIO 490 AND 491 TOWARD GRADUATION
 4721005 1 ARRANGED
 MEETS: JAN 14-MAY 10

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

STAT BIOINFORMATICS BCB 568 3 CREDITS
 Prereq: BCB 567, OR BIOL 315 AND STAT 430;
 CREDIT OR ENROLLMENT IN GEN 409
 2081005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

SYSTEMS BIOLOGY BCB 570 3 CREDITS
 Prereq: BCB 567 OR COM S 311, COM S 228,
 GEN 409, STAT 430
 2125005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUCATN BCB 598 R CREDIT
 Prereq: PERMISSION OF THE PROGRAM CHAIR
 1828005 1 ARRANGED
 MEETS: JAN 14-MAY 10

STUDT SEMINR BIOINF BCB 690 1 CREDIT
 7830005 1 W 4:10-5:00
 MEETS: JAN 14-MAY 10

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS
 7827005 1 ARRANGED
 MEETS: JAN 14-MAY 10

RESEARCH BCB 699 VAR. CREDITS
 ***** 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 A MW 6:10-9:00PM DORN J
 MEETS: JAN 14-MAY 10

APP SCI ILLUST TCNQ BPM I 337 3 CREDITS
 Prereq: ARTIS 327
 9105005 A TR 2:10-5:00
 MEETS: JAN 14-MAY 10

FIELD ILLUSTRATION BPM I 395 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 2 CREDIT SPRING 2018.
 7996005 A ARRANGED
 MEETS: JAN 14-MAY 10

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

PORTFOLIO&PRO DEVEL BPM I 491X 2 CREDITS
 Prereq: BPM I 337, JUNIOR OR SENIOR CLASSIFICATN
 IN BPM I
 9715005 1 F 12:10-3:00
 MEETS: JAN 14-MAY 10

ILLUSTRATION INTERN BPM I 497 1- 6 CREDITS
 Prereq: JR OR SR CLASSIFICATION IN BPM I. WRITTEN
 APPROVAL OF SUPERVISING INSTR & ADVISORY COMM CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY

INTRODUCTORY BIOL BIOL 101 3 CREDITS
 Note: CREDIT IN BIOL 101 MAY NOT BE APPLIED
 TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
 2064005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 2064010 2 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

OPPORTUNITI IN BIOL BIOL 111 .5 CREDIT
 Satisfactory-Fail Only.
 7407005 1 T 4:10-5:00
 MEETS: JAN 14-MAY 10

ORIENT TRANSFR STDT BIOL 112 R CREDIT
 Satisfactory-Fail Only.
 8242005 1 T 3:10-4:00, ARRANGED
 MEETS: JAN 14-MARCH 8

HUMAN BIOLOGY BIOL 155 3 CREDITS
 Note: CREDIT IN BIOL 155 MAY NOT BE APPLIED
 TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
 7079005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

BIODIVERSITY BIOL 204 2 CREDITS
 Prereq: ONE COURSE IN LIFE SCIENCES
 Note: CREDIT IN BIOL 204 OR ENV S 204 MAY NOT BE
 APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
 3892005 1 TR 9:00-10:50
 MEETS: MARCH 11-MAY 10

PRIN OF BIOLOGY I BIOL 211 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY
 9468005 1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 9468010 2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 9468015 3 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 211
 9470005 1 T 8:00-10:50
 MEETS: JAN 14-MAY 10
 9470010 2 T 11:00-1:50
 MEETS: JAN 14-MAY 10
 9470015 3 T 2:10-5:00
 MEETS: JAN 14-MAY 10
 9470020 4 W 8:00-10:50
 MEETS: JAN 14-MAY 10
 9470025 5 W 11:00-1:50
 MEETS: JAN 14-MAY 10
 9470030 6 W 2:10-5:00
 MEETS: JAN 14-MAY 10
 9470035 7 R 11:00-1:50
 MEETS: JAN 14-MAY 10
 9470040 8 R 2:10-5:00
 MEETS: JAN 14-MAY 10
 9470045 9 T 8:00-10:50
 MEETS: JAN 14-MAY 10
 9470050 10 T 11:00-1:50
 MEETS: JAN 14-MAY 10
 9470055 11 T 2:10-5:00
 MEETS: JAN 14-MAY 10
 9470060 12 W 11:00-1:50
 MEETS: JAN 14-MAY 10
 9470065 13 W 2:10-5:00
 MEETS: JAN 14-MAY 10
 9470070 14 R 11:00-1:50
 MEETS: JAN 14-MAY 10
 9470075 15 R 2:10-5:00
 MEETS: JAN 14-MAY 10

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 3:10-4:00
 MEETS: JAN 14-MAY 10
 9469010 2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 9469015 3 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
 9469020 4 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

PRIN BIOLOGY LAB II BIOL 212L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 212
 9471005 1 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471010 2 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 9471015 3 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 9471020 4 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471025 5 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 9471030 6 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 9471035 7 W 12:10-3:00
 MEETS: JAN 14-MAY 10

BIOLOGY

(CONTINUED)

PRIN BIOLOGY LAB II BIOL 212L 1 CREDIT
 9471040 8 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 9471045 9 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 9471050 10 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 9471055 11 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471060 12 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471065 13 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 9471070 14 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 9471075 15 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471080 16 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 9471085 17 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 9471090 18 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471095 19 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 9471100 20 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 9471105 21 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471110 22 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 9471115 23 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471120 24 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 9471125 25 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 9471130 26 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471135 27 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 9471140 28 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 9471145 29 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471150 30 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 9471155 31 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 9471160 32 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471165 33 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 9471170 34 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471175 35 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 9471180 36 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 9471185 37 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471190 38 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 9471195 39 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 9471200 40 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 9471205 41 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10

BIOL PROC IN ENVIRN BIOL 251 3 CREDITS
 1753005 1A TR 12:40-1:55
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
 1753010 1B TR 12:40-1:55
 MEETS: JAN 14-MAY 10
 1753015 1C TR 12:40-1:55
 MEETS: JAN 14-MAY 10
 Note: SEC 1C RESTRICTED TO A E, B S E MAJORS

FUND HUMAN PHYSIOL BIOL 256 3 CREDITS
 Prereq: H.S. BIOLOGY AND CHEMISTRY, OR BIOL 101,
 OR BIOL 255 (RECOMMENDED)
 Note: CREDIT IN BIOL 256 MAY NOT BE APPLIED
 TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
 6408005 1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

FND HUMN PHYSIO LAB BIOL 256L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 256
 Note: CREDIT IN BIOL 256L MAY NOT BE APPLIED
 TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
 6419005 1 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 6419010 2 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 6419015 3 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 6419020 4 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 6419025 5 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 6419030 6 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 6419035 7 W 9:00-11:50
 MEETS: JAN 14-MAY 10

BIOLOGY

(CONTINUED)

FND HUMN PHYSIO LAB BIOL 256L 1 CREDIT
 6419040 8 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 6419045 9 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 6419050 10 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 6419055 11 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 6419060 12 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 6419065 13 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 6419070 14 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 6419075 15 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 6419080 16 R 12:10-3:00
 MEETS: JAN 14-MAY 10

PRINCIP OF GENETICS BIOL 313 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.
 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 14-MAY 10

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 14-MAY 10
 9473010 2 MW 10:30-11:50
 MEETS: JAN 14-MAY 10
 9473015 3 MW 10:30-11:50
 MEETS: JAN 14-MAY 10
 9473020 4 MW 1:10-2:30
 MEETS: JAN 14-MAY 10
 9473025 5 MW 1:10-2:30
 MEETS: JAN 14-MAY 10
 9473030 6 MW 3:10-4:30
 MEETS: JAN 14-MAY 10
 9473035 7 TR 9:00-10:20
 MEETS: JAN 14-MAY 10
 9473040 8 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 9473045 9 TR 1:10-2:30
 MEETS: JAN 14-MAY 10
 9473050 10 TR 3:10-4:30
 MEETS: JAN 14-MAY 10
 9473055 11 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 9473060 12 TR 1:10-2:30
 MEETS: JAN 14-MAY 10

PRIN MOLEC CELL BIO BIOL 314 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.
 9474005 1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

BIOLOGICAL EVOLUTN BIOL 315 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.
 5604005 1 TR 8:00-9:20 VALENZUELA M
 MEETS: JAN 14-MAY 10

HUMAN REPRODUCTION BIOL 344 3 CREDITS
 Prereq: BIOL 212
 7084005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 7084010 B MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

GENOME PRSPCTV BIOL BIOL 349 3 CREDITS
 Prereq: GEN 313 OR GEN 320
 9692005 A T 3:40-5:30
 R 3:40-5:30
 MEETS: JAN 14-MAY 10

COMPA CHORDATE ANAT BIOL 351 5 CREDITS
 Prereq: BIOL 212, JUNIOR CLASSIFICATION
 7090005 1A TR 9:30-10:50
 MW 12:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 7090010 1B TR 9:30-10:50
 MW 12:10-2:00
 MEETS: JAN 14-MAY 10
 7090015 2A TR 9:30-10:50
 TR 12:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 2A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 7090020 2B TR 9:30-10:50
 TR 12:10-2:00
 MEETS: JAN 14-MAY 10

BIOLOGY

(CONTINUED)

COMPA CHORDATE ANAT BIOL 351 5 CREDITS
 7090025 3A TR 9:30-10:50
 MW 2:10-4:00
 MEETS: JAN 14-MAY 10
 Note: SEC 3A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 7090030 3B TR 9:30-10:50
 MW 2:10-4:00
 MEETS: JAN 14-MAY 10
 7090035 4A TR 9:30-10:50
 MW 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC 4A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 7090040 4B TR 9:30-10:50
 MW 4:10-6:00PM
 MEETS: JAN 14-MAY 10

VERTEBRAT HISTOLOGY BIOL 352 4 CREDITS
 Prereq: BIOL 212
 7091005 1 MWF 10:00-10:50
 T 9:00-10:50
 MEETS: JAN 14-MAY 10
 Note: Materials fee \$78.00
 7091010 2 MWF 10:00-10:50
 R 9:00-10:50
 MEETS: JAN 14-MAY 10
 Note: Materials fee \$78.00

INTRO PARASITOLOGY BIOL 353 3 CREDITS
 Prereq: BIOL 212
 7088005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

PLANTS & PEOPLE BIOL 355 3 CREDITS
 Prereq: BIOL 211, BIOL 211L
 2082005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 2082010 B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

PLANT SYSTEMATICS BIOL 366 4 CREDITS
 Prereq: BIOL 211
 2084005 1A TR 12:40-2:00
 T 2:10-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 2084010 1B TR 12:40-2:00
 T 2:10-5:00
 MEETS: JAN 14-MAY 10
 2084015 2A TR 12:40-2:00
 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC 2A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 2084020 2B TR 12:40-2:00
 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 2084025 3A TR 12:40-2:00
 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC 3A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 2084030 3B TR 12:40-2:00
 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 2084035 4A TR 12:40-2:00
 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 4A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 2084040 4B TR 12:40-2:00
 R 9:00-11:50
 MEETS: JAN 14-MAY 10

ECO&ENVIRON SCI GIS BIOL 370 1- 6 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL
 SCIENCES; PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 9445005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.
 9445010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 9445015 3 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 3 OFFERED FOR 3 CREDITS SPRING 2018

BIOLOGY

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BIOLOGY

(CONTINUED)

ANALYS ENVIRON SYST BIOL 382 3 CREDITS
 Prereq: ENSCI 381
 4805005 1A ARRANGED
 TR 12:10-2:00
 MEETS: JAN 14-MAY 10

4805010 1B ARRANGED
 TR 12:10-2:00
 MEETS: JAN 14-MAY 10

4805015 2A ARRANGED, TR 2:10-4:00
 MEETS: JAN 14-MAY 10

4805020 2B ARRANGED, TR 2:10-4:00
 MEETS: JAN 14-MAY 10

4805025 3A ARRANGED
 TR 4:10-6:00PM
 MEETS: JAN 14-MAY 10

4805030 3B ARRANGED
 TR 4:10-6:00PM
 MEETS: JAN 14-MAY 10

PRE-FLD TRIP SEMINR BIOL 393A 1 CREDIT
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 1918005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SECT 1 PREP TRAVEL TO BOUNDRY WATERS
 SPRING 2018
 Instructor permission required.

N AMERIC FIELD TRIP BIOL 393B 1- 3 CREDITS
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 Note: TRAVEL TO BOUNDRY WATERS SPRING 2019
 1921005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: 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 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

INTERNAT FIELD TRIP BIOL 394B 1- 3 CREDITS
 Prereq: TWO COURSES IN THE BIOLOGICAL SCIENCES
 AND BY APPROVAL OF APPLICATION
 Note: Meets international perspectives reqmt
 3223005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

INTRO TO PATHOLOGY BIOL 402 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
 4985005 1 TR 4:10-5:30
 MEETS: JAN 14-MAY 10

DEVELOPMENTAL BIOL BIOL 423 3 CREDITS
 Prereq: BIOL 313
 7103005 1A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY

7103010 1B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

DEVELOPMTL BIOL LAB BIOL 423L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 423
 OR PERMISSION OF INSTRUCTOR
 5680005 1A TR 12:10-1:30
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY

5680010 1B TR 12:10-1:30
 MEETS: JAN 14-MAY 10

5680015 2A TR 1:40-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC 2A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY

5680020 2B TR 1:40-3:00
 MEETS: JAN 14-MAY 10

5680025 3A TR 9:30-10:50
 MEETS: JAN 14-MAY 10

Note: SEC 3B RESTRICTED TO BIOL, BIOLA, GEN, GEN S
 MAJORS ONLY

5680030 3B TR 9:30-10:50
 MEETS: JAN 14-MAY 10

BRYOPHYT&LICHN DVRS BIOL 455 3 CREDITS
 Prereq: BIOL 211 AND BIOL 211L
 8909005 A MR 4:10-6:30PM
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY

8909010 B MR 4:10-6:30PM
 MEETS: JAN 14-MAY 10

ORNITHOLOGY BIOL 458 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2140005 1 MW 10:00-10:50
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10

9658010 2 W 7:00-9:50
 MEETS: JAN 14-MAY 10

MAMMALOLOGY BIOL 459 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2155005 1 MW 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: COURSE RESTRICTED TO JRS & ABOVE

MAMMALOLOGY 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 14-MAY 10

9660010 2 W 9:00-11:50
 MEETS: JAN 14-MAY 10

9660015 3 R 9:00-11:50
 MEETS: JAN 14-MAY 10

MACROEVOLUTION BIOL 465X 3 CREDITS
 Prereq: BIOL 315
 9902005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

COMMUNITY ECOLOGY BIOL 472 3 CREDITS
 Prereq: BIOL 312
 2100005 A TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET
 MAJORS ONLY

2100010 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10

PLANT ECOLOGY BIOL 474 3 CREDITS
 Prereq: BIOL 312
 2099005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY

2099010 B TR 9:30-10:50
 MEETS: JAN 14-MAY 10

ENVIRONM BIOGEOCHEM BIOL 483X 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOLOGY,
 CHEMISTRY, AND PHYSICS
 4228005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

ECOSYSTEM ECOLOGY BIOL 484 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOL, CHEM & PHYS
 8689005 A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY

8689010 B MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY BIOL 490 1- 6 CREDITS
 Note: NO MORE THAN 9 CREDITS IN BIOL 490 MAY BE APPLIED
 TOWARD GRADUATION AND OF THOSE ONLY 2 CREDITS MAY BE
 APPLIED TO THE BIOLOGY ADVANCED COURSE REQUIREMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

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
 Note: NO MORE THAN 2 CREDITS IN BIOL 491 MAY BE
 APPLIED TOWARD BIOLOGY ADVANCED COURSE DEGREE
 REQUIREMENTS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY INTERNSHIP BIOL 494 1- 3 CREDITS
 Prereq: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSN
 Note: NO MORE THAN 9 CREDITS IN BIOL 494 MAY BE
 APPLIED TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS
 MAY BE APPLIED TOWARD THE BIOL ADVANCED COURSE
 REQUIREMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY

(CONTINUED)

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 TOWARD THE BIOLOGY ADVANCED COURSE REQUIREMNT
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL ENGINEERING

INTRO BIOMEDIC ENGR B M E 220 3 CREDITS
 Prereq: BIOL 212, ENGR 160 OR EQUIV, MATH 166,
 CHEM 167 OR CHEM 178, PHYS 222
 3041005 1 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY B M E 490 1- 6 CREDITS
 Prereq: PERMISSION OF CHAIR FOR BIOENGINEERING
 MINOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL SCIENCES

AN&PHYSL DOMES ANIM B M S 329 3 CREDITS
 Prereq: BIOL 212, 212L
 6968005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

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 1 TR 1:10-2:00
 TR 2:10-4:00
 F 2:10-4:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 1936010 2 MTR 8:00-8:50
 WF 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 6833010 2 MW 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 14-MAY 10

CASE STUDY II B M S 346 1 CREDIT
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 6458005 1 F 1:10-2:00
 MEETS: JAN 14-MAY 10

GENERAL PHARMACOLGY B M S 354 3 CREDITS
 Prereq: B M S 333, B M S 334
 3518005 1 MR 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 14-MAY 10

INTR AQUAT ANIM MED B M S 401 1 CREDIT
 2729005 1 T 7:10-9:00PM
 MEETS: MARCH 11-MAY 10

PRINCPLS PHARMACLGY B M S 439 4 CREDITS
 9702005 1 MTWR 10:00-10:50
 MEETS: JAN 14-MAY 10

PRIN HUMN GROS ANAT B M S 448X 4 CREDITS
 Prereq: BIOL 255 OR EQUIVALENT AND AN
 INTRODUCTORY BIOLOGY COURSE
 Note: CREDIT FROM ONLY ONE ENROLLMENT IN B M S 448X
 MAY BE APPLIED TOWARD GRADUATION
 9781005 1 MW 2:10-3:00
 MW 3:10-5:00
 MEETS: JAN 14-MAY 10

BIOMEDICAL SCIENCES

(CONTINUED)

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

MTHDS IN BIOMED SCI B M S 502 3 CREDITS
 5084005 1 TR 1:10-4:00
 MEETS: JAN 14-MAY 10

PRIN MORPHOLOGY II B M S 531 4 CREDITS
 Prereq: 530
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 6678005 1 TR 1:10-2:00
 TR 2:10-4:00
 F 2:10-4:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 9325010 2 MTR 8:00-8:50
 WF 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 6847010 2 MW 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 14-MAY 10

PRINCPLS PHARMACLGY B M S 539 4 CREDITS
 5094005 1 MTWR 10:00-10:50
 MEETS: JAN 14-MAY 10

INTRO DNA TECHNIQS B M S 542A 1 CREDIT
 Satisfactory-Fail Only.
 7133005 A TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 15-FEB 14
 BAKER M
 BAKER M

INTR PROTEIN TECHNQ B M S 542B 1 CREDIT
 Satisfactory-Fail Only.
 6828010 A TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 19-MARCH 28
 BAKER M
 BAKER M

INTRO CELL TECHNIQS B M S 542C 1 CREDIT
 Satisfactory-Fail Only.
 7135005 A TR 1:10-2:00
 TR 2:10-4:00
 MEETS: APRIL 1-MAY 2
 BAKER M
 BAKER M

GENERAL PHARMACOLGY B M S 554 3 CREDITS
 Prereq: B M S 549, B M S 552, BBMB 404, BBMB 405
 3531005 1 MR 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 14-MAY 10
 3531010 2 MR 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 14-MAY 10

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

BIOMEDICAL SCIENCES

(CONTINUED)

BUSINESS ADMINISTRATION

(CONTINUED)

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 R 12:10-1:00
 MEETS: JAN 14-MAY 10

SEMINAR B M S 698B 1 CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 Satisfactory-Fail Only.
 6995005 1 R 12:10-1:00
 MEETS: JAN 14-MAY 10

SEMINAR B M S 698C 1 CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 9735005 1 R 12:10-1:00
 MEETS: JAN 14-MAY 10

RESEARCH ANATOMY B M S 699A VAR. CREDITS
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PHYSIOLOGY B M S 699B VAR. CREDITS
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH PHARMACOLOGY B M S 699C VAR. CREDITS
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CELL BIOL B M S 699D VAR. CREDITS
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIORENEWABLE RESOURCES & TECHNOLOGY

FUND BIORENEW RESOU BRT 501 3 CREDITS
 Prereq: RECOMMENDED: INTRODUCTORY PHYSICS
 AND CHEMISTRY
 6534005 1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

BIOBASE SEM PRESNTN BRT 506C 1 CREDIT
 Satisfactory-Fail Only.
 2383005 1 ARRANGED
 MEETS: JAN 14-MAY 10

SPECIAL TOPICS BRT 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR OR MAJOR PROF
 ***** 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 103 1 CREDIT
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: BUSAD 101, BUSAD 101H,
 BUSAD 102, BUSAD 103, BUSAD 103X
 9404005 1 M 8:00-8:50
 MEETS: JAN 14-MAY 10
 9404010 2 M 4:10-5:00
 MEETS: JAN 14-MAY 10
 9404015 3 W 8:00-8:50
 MEETS: JAN 14-MAY 10
 9404020 4 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 9404025 5 W 4:10-5:00
 MEETS: JAN 14-MAY 10
 9404030 6 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 9404035 7 F 10:00-10:50
 MEETS: JAN 14-MAY 10

CAREERS&EMPLOY PREP BUSAD 203 1 CREDIT

Prereq: BUSAD 101 OR BUSAD 102
 Note: COURSE NOT OPEN TO FIRST TERM
 FRESHMAN
 8860005 1 M 12:10-1:00
 MEETS: JAN 14-MAY 10
 8860010 2 M 1:10-2:00
 MEETS: JAN 14-MAY 10
 8860015 3 T 12:40-1:30
 MEETS: JAN 14-MAY 10
 8860020 4 M 4:10-5:00
 MEETS: JAN 14-MAY 10
 8860025 5 T 5:10-6:00PM
 MEETS: JAN 14-MAY 10
 8860030 6 W 12:10-1:00
 MEETS: JAN 14-MAY 10
 8860035 7 R 12:40-1:30
 MEETS: JAN 14-MAY 10
 8860040 8 W 4:10-5:00
 MEETS: JAN 14-MAY 10
 8860045 9 W 1:10-2:00
 MEETS: JAN 14-MAY 10
 8860050 10 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 8860055 11 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 8860060 12 M 3:10-4:00
 MEETS: JAN 14-MAY 10
 8860065 13 W 3:10-4:00
 MEETS: JAN 14-MAY 10

INTRO TO BUSINESS BUSAD 250 3 CREDITS
 Prereq: COM S 113
 Note: SEC A1,B1 ETC RESTRICTED TO COLLEGE OF BUSINESS
 UNDERGRADS ONLY. SEC A2,B2 ETC FOR MAJORS
 OTHER THAN IN THE COLLEGE OF BUSINESS.
 8807005 A1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 8807010 A2 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 8807015 B1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 8807020 B2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 8807025 C1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 8807030 C2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 8807035 D1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 8807040 D2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 8807045 E1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 8807050 E2 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 8807055 F1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 8807060 F2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 8807065 G1 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 8807070 G2 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 8807075 J1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10
 8807080 J2 TR 2:10-3:25
 MEETS: JAN 14-MAY 10
 8807085 K1 MW 5:10-6:25PM
 MEETS: JAN 14-MAY 10
 8807090 K2 MW 5:10-6:25PM
 MEETS: JAN 14-MAY 10
 8807095 L1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 8807100 L2 TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 8807105 M1 M 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 8807110 M2 M 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 8807115 N1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 8807120 N2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 8807125 P1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 8807130 P2 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

EXP DOMESTIC INTERN BUSAD 291A 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF SUPERVISING
 INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 PRIOR TO THE LEARNING EXPERIENCE
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2019
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ADMINISTRATION (CONTINUED)

ENTREPRENSHP SEMINR BUSAD 292 1 CREDIT
 8304005 1 T 2:10-3:25
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUC BUSAD 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS
 PERMISSION OF KATHY WIELAND REQUIRED TO ADD.
 NO MORE THAN 3 ADDITIONAL CREDITS MAY BE
 TAKEN IN SAME SEMESTER AS BUSAD 398.
 Satisfactory-Fail Only.
 6147005 A ARRANGED
 MEETS: JAN 14-MAY 10
 Note: College permission required - go to
 1200 Gerdin.

IND STDY ENTREPRENR BUSAD 490E 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION; PERMISSION
 OF INSTRUCTOR
 Note: Instructor permission required.
 3635005 1 ARRANGED
 MEETS: JAN 14-MAY 10

INDEP STUDY HONORS BUSAD 490H 1- 3 CREDITS
 Prereq: ADMISSION TO THE BUSINESS HONORS PROGRAM
 Note: Instructor permission required.

 SEE DEPT FOR REFERENCE NUMBERS

EXP DOMESTC INTERNS BUSAD 491A 1- 3 CREDITS
 Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM
 COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING
 INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 PRIOR TO THE LEARNING EXPERIENCE.
 Note: FOR SOPH AND ABOVE IN THE COLLEGE OF BUSINESS.
 COURSE OFFERED FOR 1 CREDIT SPRING 2019
 Instructor permission required.
 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.
 Note: COURSE OFFERED FOR 1 CREDIT FALL 2018
 Instructor permission required.
 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
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

MBA PRO SKIL DEV II BUSAD 594 R CREDIT
 Prereq: 592
 Satisfactory-Fail Only.
 9425005 1 F 7:30-10:50
 MEETS: JAN 18-APRIL 12

COOPERATIVE EDUCATN BUSAD 598 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 Instructor permission required.
 Satisfactory-Fail Only.
 7906005 1 ARRANGED
 MEETS: JAN 14-MAY 10

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

BUSINESS ADMINISTRATION (CONTINUED)

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

CH E PROBL CPTR LAB CH E 160 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH
 PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165
 Note: COURSE RESTRICTED TO CH E MAJORS ONLY
 Night exams scheduled. For dates go to
 http://www.registrar.iastate.edu/students/exams/
 night-exams.
 2778005 A MW 12:10-1:00
 ARRANGED
 MEETS: JAN 14-MAY 10

2778010 B MW 1:10-2:00, ARRANGED
 MEETS: JAN 14-MAY 10

2778015 C MW 2:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10

CH E PROGRSS ASESMT CH E 205 R CREDIT
 Prereq: CHEM 178, MATH 166. CREDIT OR ENROLLMENT
 IN CH E 160 AND CH E 210
 Note: MANDATORY MEETING JAN 17 5-6PM. ASSESSMENT
 OFFERED AT TESTING CENTER JAN 26-30, FEB 9-13
 & MARCH 2-6. COURSE RESTRICTED TO CH E MAJORS
 ONLY
 Satisfactory-Fail Only.
 2531005 A ARRANGED
 MEETS: JAN 14-MAY 10

MATRL &ENERGY BALNC CH E 210 3 CREDITS
 Prereq: CHEM 178, MATH 166, CH E 160
 2429005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

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 1 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

COMPUT MTHDS CHEM E CH E 310 3 CREDITS
 Prereq: CH E 160, CH E 205, CH E 210, MATH 265
 2104005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10

CHEMICAL ENGR LAB I CH E 325 2 CREDITS
 Prereq: CH E 357, CH E 381; CREDIT OR ENROLLMENT
 IN ENGL 314 OR ENGL 309 OR ENGL 312 OR JL MC 347
 Note: Instructor permission required 1st week.
 5699005 A MW 12:10-2:00
 MEETS: JAN 14-MAY 10

5699010 B MW 2:10-4:00
 MEETS: JAN 14-MAY 10

5699015 C MW 12:10-2:00
 MEETS: JAN 14-MAY 10

5699020 D MW 2:10-4:00
 MEETS: JAN 14-MAY 10

TRANSPRT PHENOMEN I CH E 356 3 CREDITS
 Prereq: CH E 205, CH E 210, PHYS 221;
 CREDIT OR ENROLLMENT IN MATH 267
 2435005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

2435010 B MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

TRANSPRT PHENOMN II CH E 357 3 CREDITS
 Prereq: CH E 356
 2436005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

SEPARATIONS CH E 358 3 CREDITS
 Prereq: CH E 310, CH E 357, CH E 381
 2437005 A MWF 4:10-5:00
 MEETS: JAN 14-MAY 10

2437010 B MWF 4:10-5:00
 MEETS: JAN 14-MAY 10

CH E THERMODYNAMICS CH E 381 3 CREDITS
 Prereq: MATH 267, PHYS 222, CHEM 325,
 CREDIT OR ENROLLMENT IN CH E 310
 2438005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

CHEMICL REACTN ENGR CH E 382 3 CREDITS
 Prereq: CH E 310, CH E 381; CREDIT OR ENROLLMENT
 IN CH E 357
 2439005 A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

2439010 B MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

CHEMICAL ENGINEERING (CONTINUED)

FOREIGN STUDY ORIENT CH E 391 3 CREDITS
 Prereq: CH E 357, CH E 381; CREDIT OR ENROLLMENT IN ENGL 314 OR ENGL 309 OR ENGL 312 OR JL MC 347
 Note: Meets international perspectives reqmt Instructor permission required 1st week. Satisfactory-Fail Only.
 7162010 SP M 5:10-6:00PM
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: STUDY ABROAD PREP: OVIEDO, SPAIN

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

ENVIR CHEMODYNAMICS CH E 406 3 CREDITS
 Prereq: CH E 357, CH E 381
 4532005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

BIOCHEMICAL ENGINEER CH E 415 3 CREDITS
 Prereq: CH E 357, CHEM 331; BBMB 301 OR BBMB 303 OR BBMB 404
 2446005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

CHEMC PROCSS SAFETY CH E 420 3 CREDITS
 Prereq: CH E 357, CH E 381
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 7965005 A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

PROCESS CONTROL CH E 421 3 CREDITS
 Prereq: CH E 358, CH E 382, MATH 267
 2447005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10

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 2017 CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 2448005 A T 8:00-11:50
 MEETS: JAN 14-MAY 10
 2448010 B T 2:10-6:00PM
 MEETS: JAN 14-MAY 10
 2448015 C R 8:00-11:50
 MEETS: JAN 14-MAY 10
 2448020 D R 2:10-6:00PM
 MEETS: JAN 14-MAY 10

PROCES&PLANT DESIGN CH E 430 4 CREDITS
 Prereq: CH E 358, CH E 382
 Note: COURSE RESTRICTED TO CH E MAJORS GRADUATING SPRING 2019
 2449005 A MW 9:00-9:50
 MW 10:00-11:50
 MEETS: JAN 14-MAY 10

POLYMERS & POLY ENGR CH E 447 3 CREDITS
 Prereq: CHEM 331; CH E 382 OR MAT E 351
 7146005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

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

ENVIR CHEMODYNAMICS CH E 506 3 CREDITS
 Prereq: CH E 381, CREDIT OR ENROLLMENT IN CH E 358
 2080005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

POLYMERS & POLY ENGR CH E 547 3 CREDITS
 Prereq: CH E 382 AND CHEM 331 OR MAT E 351
 9043005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

CHEMICAL ENGINEERING (CONTINUED)

ADV CH REACTOR DSGN CH E 587 3 CREDITS
 Prereq: CH E 382
 2468005 A MW 9:00-10:20
 MEETS: JAN 14-MAY 10

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 14-MAY 10

MULTIPHASE FLOW CH E 632 3 CREDITS
 Prereq: M E 538
 2678005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY CH E 692 2- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP NANO MATRLS CH E 695J VAR. CREDITS
 9722005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ENGINEER INTERNSHIP CH E 697 R CREDIT
 Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF
 2116005 A ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

TCHG PRACTICM:EXPRC CH E 698B 1 CREDIT
 Prereq: CH E 698A
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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.
 4523005 1 MTWRF 12:10-1:00
 MEETS: MARCH 11-MAY 10

ORIEN PRO DEVEL OPP CHEM 101B 1 CREDIT
 Prereq: MEMBER OF THE CHEM LEARNING COMMUNITY
 Satisfactory-Fail Only.
 4761005 1 T 4:10-5:00
 MEETS: JAN 14-MAY 10

PHYSCL SC FOR EL ED CHEM 102L 3 CREDITS
 Prereq: MATH 195 OR MATH 140
 8675005 1 M 3:10-4:00
 TR 10:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

8675010 2 M 3:10-4:00
 TR 12:10-2:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

8675015 3 M 3:10-4:00
 TR 2:10-4:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

8675020 4 M 3:10-4:00
 TR 4:10-6:00PM
 MEETS: JAN 14-MAY 10

8675025 5 M 3:10-4:00
 WF 8:00-9:50
 MEETS: JAN 14-MAY 10

8675030 6 M 3:10-4:00
 WF 10:00-11:50
 MEETS: JAN 14-MAY 10

8675035 7 M 3:10-4:00
 WF 12:10-2:00
 MEETS: JAN 14-MAY 10

8675040 8 M 3:10-4:00
 WF 2:10-4:00
 MEETS: JAN 14-MAY 10

CHEM IN MOD SOCIETY CHEM 160 3 CREDITS
 2488005 1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS
 Prereq: 1 YR H.S. ALGEBRA AND GEOMETRY;
 CHEM 50 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR ENROLLMENT IN CHEM 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.
 2489005 1 MWF 9:00-9:50
 R 8:00-8:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

(CONTINUED)

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS

2489010 2 MWF 9:00-9:50
R 8:00-8:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489015 3 MWF 9:00-9:50
R 9:00-9:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489020 4 MWF 9:00-9:50
R 9:00-9:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489025 5 MWF 9:00-9:50
R 10:00-10:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489030 6 MWF 9:00-9:50
R 10:00-10:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489035 7 MWF 9:00-9:50
R 10:00-10:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489040 8 MWF 9:00-9:50
R 11:00-11:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489045 9 MWF 9:00-9:50
R 11:00-11:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489050 10 MWF 9:00-9:50
R 12:10-1:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489055 11 MWF 9:00-9:50
R 12:10-1:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489060 12 MWF 9:00-9:50
R 1:10-2:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489065 13 MWF 9:00-9:50
R 1:10-2:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489070 14 MWF 9:00-9:50
R 2:10-3:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489075 15 MWF 9:00-9:50
R 2:10-3:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489080 16 MWF 9:00-9:50
R 3:10-4:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2489085 17 MWF 9:00-9:50
R 3:10-4:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

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
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490010 2 M 12:10-3:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490015 3 M 3:10-6:00PM
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490020 4 M 3:10-6:00PM
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490025 5 T 9:00-11:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490030 6 T 9:00-11:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490035 7 T 12:10-3:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490040 8 T 12:10-3:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490045 9 T 3:10-6:00PM
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490050 10 T 3:10-6:00PM
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490055 11 W 12:10-3:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

(CONTINUED)

GENERAL CHEM LAB I CHEM 163L 1 CREDIT

2490060 12 W 12:10-3:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490065 13 W 3:10-6:00PM
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490070 14 W 3:10-6:00PM
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490075 15 R 12:10-3:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490080 16 R 3:10-6:00PM
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490085 17 R 9:00-11:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490090 18 R 9:00-11:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2490095 19 R 12:10-3:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

ENGNRS GENERAL CHEM CHEM 167 4 CREDITS

Prereq: ONE YEAR OF HIGH SCHOOL CHEMISTRY OR CHEM 50; MATH 143 PRE-CALCULUS OR HIGH SCHOOL EQUIV
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.

2493005 1 MWF 9:00-9:50
T 8:00-8:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2493010 2 MWF 9:00-9:50
T 9:00-9:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2493015 3 MWF 9:00-9:50
T 9:00-9:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2493020 4 MWF 9:00-9:50
T 10:00-10:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2493055 5 MWF 9:00-9:50
T 11:00-11:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2493030 6 MWF 9:00-9:50
T 12:10-1:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2493035 7 MWF 9:00-9:50
T 1:10-2:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2493040 8 MWF 9:00-9:50
T 2:10-3:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2493045 9 MWF 9:00-9:50
T 2:10-3:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2493050 10 MWF 9:00-9:50
T 3:10-4:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2493060 11 MWF 9:00-9:50
T 3:10-4:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

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 W 12:10-3:00
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

2494010 2 W 3:10-6:00PM
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

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.
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

2495005 1 MWF 10:00-10:50
R 8:00-8:50
MEETS: JAN 14-MAY 10
Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

(CONTINUED)

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
 2495010 2 MWF 10:00-10:50
 R 8:00-8:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495015 3 MWF 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495020 4 MWF 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495025 5 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495030 6 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495035 7 MWF 10:00-10:50
 R 11:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495040 8 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495045 9 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495050 10 MWF 10:00-10:50
 R 1:10-2:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495055 11 MWF 10:00-10:50
 R 2:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495060 12 MWF 10:00-10:50
 R 3:10-4:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495065 13 MWF 12:10-1:00
 R 4:10-5:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495070 14 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495075 15 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 14-MAY 10
 2495080 16 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495085 17 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495090 18 MWF 12:10-1:00
 R 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495095 19 MWF 12:10-1:00
 R 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495100 20 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495105 21 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495110 22 MWF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495115 23 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495120 24 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495125 25 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2495130 26 MWF 12:10-1:00
 R 2:10-3:00
 MEETS: JAN 14-MAY 10

CHEMISTRY

(CONTINUED)

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
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496010 2 M 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496015 3 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496020 4 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496025 5 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496030 6 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496035 7 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496040 8 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496045 9 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496050 10 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496055 11 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496060 12 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496065 13 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496070 14 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496075 15 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496080 16 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496085 17 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496090 18 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496095 19 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496100 20 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496105 21 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496110 22 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496115 23 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496120 24 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496125 25 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496126 26 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496127 27 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496128 28 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496129 29 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2496130 30 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

GENERAL CHEMISTRY II CHEM 178 3 CREDITS

Prereq: CHEM 177, CHEM 177L
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>

- 2499005 1 MW 1:10-2:00
 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499010 2 MW 1:10-2:00
 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499015 3 MW 1:10-2:00
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499020 4 MW 1:10-2:00
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499025 5 MW 1:10-2:00
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499030 6 MW 1:10-2:00
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499035 7 MW 1:10-2:00
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499040 8 MW 1:10-2:00
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499045 9 MW 1:10-2:00
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499050 10 MW 1:10-2:00
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499055 11 MW 1:10-2:00
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499060 12 MW 1:10-2:00
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499065 13 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499070 14 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499075 15 MW 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499080 16 MW 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499085 17 MW 1:10-2:00
 F 3:10-4:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499090 18 MW 3:10-4:00
 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499095 19 MW 3:10-4:00
 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499100 20 MW 3:10-4:00
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499105 21 MW 3:10-4:00
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499110 22 MW 3:10-4:00
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499115 23 MW 3:10-4:00
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499120 24 MW 3:10-4:00
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499125 25 MW 3:10-4:00
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

GENERAL CHEMISTRY II CHEM 178 3 CREDITS

- 2499130 26 MW 3:10-4:00
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499135 27 MW 3:10-4:00
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499140 28 TR 11:00-11:50
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499145 29 MW 3:10-4:00
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499150 30 MW 3:10-4:00
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499155 31 MW 3:10-4:00
 F 2:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499160 32 MW 3:10-4:00
 F 2:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499165 33 MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499170 34 MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499175 35 MW 3:10-4:00
 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499180 36 TR 11:00-11:50
 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499185 37 TR 11:00-11:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499190 38 TR 11:00-11:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499195 39 TR 11:00-11:50
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499200 40 TR 11:00-11:50
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499205 41 TR 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499210 42 TR 11:00-11:50
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499215 43 TR 11:00-11:50
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499220 44 TR 11:00-11:50
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499225 45 TR 11:00-11:50
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499230 46 TR 11:00-11:50
 F 2:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499235 47 TR 11:00-11:50
 F 3:10-4:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2499240 48 MW 3:10-4:00
 F 1:10-2:00
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2500010 2 M 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2500015 3 M 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2500020 4 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
- 2500025 5 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
 2500030 6 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500035 7 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500040 8 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500045 9 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500050 10 M 6:10-9:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500055 11 M 6:10-9:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500060 12 M 6:10-9:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500065 13 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500070 14 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500075 15 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500080 16 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500085 17 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500090 18 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500095 19 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500100 20 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500105 21 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500110 22 T 6:10-9:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500115 23 T 6:10-9:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500120 24 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500125 25 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500130 26 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500135 27 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500140 28 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500145 29 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500150 30 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500155 31 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500160 32 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500165 33 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500170 34 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500175 35 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500180 36 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500185 37 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500190 38 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500195 39 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2500200 40 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
 2500205 41 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 QUANT&ENVIRO ANALYS CHEM 211 2 CREDITS
 Prereq: CHEM 163 AND CHEM 163L, CHEM 201
 AND CHEM 201L; OR CREDIT OR ENROLLMENT IN CHEM 178;
 AND CONCURRENT ENROLLMENT IN CHEM 211L
 2503005 1 MW 11:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 QNT&ENVIRO ANALY LAB CHEM 211L 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 211
 3678005 1 MW 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 3678010 2 MW 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 3678015 3 TR 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 3678020 4 TR 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 3678025 5 TR 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 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 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 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
 7900005 1 M 8:00-8:50
 M 9:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 7900010 2 M 12:10-1:00
 M 1:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 7900015 3 M 3:10-4:00
 M 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 7900020 4 M 6:10-7:00PM
 M 7:10-9:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 7900025 5 T 9:00-9:50
 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 7900030 6 T 12:10-1:00
 T 1:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 7900035 7 T 3:10-4:00
 T 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 7900040 8 T 6:10-7:00PM
 T 7:10-9:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 7900045 9 W 8:00-8:50
 W 9:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 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
 2507005 1 MW 2:10-3:00
 MEETS: JAN 14-MAY 10
 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.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.
 2511005 1 WF 2:10-3:00
 MW 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 2511010 2 WF 2:10-3:00
 TR 9:00-11:50
 MEETS: JAN 14-MAY 10

CHEMISTRY (CONTINUED)

PHYSICAL CHEM LAB CHEM 321L 2 CREDITS
 Section info: <http://courses.chem.iastate.edu>
 2511015 3 WF 2:10-3:00
 TR 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2511020 4 WF 2:10-3:00
 TR 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

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.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 2515005 1 WF 2:10-3:00
 MW 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2515010 2 WF 2:10-3:00
 TR 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2515015 3 WF 2:10-3:00
 TR 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2515020 4 WF 2:10-3:00
 TR 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

INTR QUANTUM MECHAN CHEM 324 3 CREDITS
 Prereq: CHEM 178, MATH 166. PHYS 222 RECOMMENDED.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 5202005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5202010 2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

CHEMICAL THERMODYNAM CHEM 325 3 CREDITS
 Prereq: CHEM 178, MATH 166. PHYS 222 RECOMMENDED.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 5224005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 4 RECOMMENDED FOR CH E MAJORS
 Section info: <http://courses.chem.iastate.edu>
 5224010 2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 2 FOR STUDENTS WHO HAVE TAKEN CHEM 324.
 SEC 2 RECOMMENDED FOR CH E MAJORS
 Section info: <http://courses.chem.iastate.edu>
 5224015 3 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RECOMMENDED FOR AGBIO, CHEM & BIOCH MAJORS WHO HAVE TAKEN FOR CHEM 324
 Section info: <http://courses.chem.iastate.edu>
 5224020 4 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 4 RECOMMENDED FOR CH E MAJORS
 Section info: <http://courses.chem.iastate.edu>

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
 2516005 1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
 Prereq: CHEM 177L; CR OR ENROLLMENT IN CHEM 331
 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 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5270010 2 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5270015 3 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5270020 4 M 6:10-9:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5270025 5 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
 5270030 6 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5270035 7 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5270040 8 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5270045 9 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

ORGANIC CHEMISTRY II CHEM 332 3 CREDITS
 Prereq: CHEM 331. ENROLLMENT IN CHEM 332L HIGHLY RECOMMENDED.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 2517005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2517010 2 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2517015 3 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO CHEM, AGBIO, BIOCH, CH E MAJORS. OTHER STUDENTS WHO ARE PREPARED FOR A MORE FOCUSED PRESENTATION WILL NEED A SIGNATURE FROM THE CHEMISTRY DEPARTMENT TO ADD.
 Section info: <http://courses.chem.iastate.edu>

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT
 Prereq: CHEM 331L, CR OR ENROLLMENT IN CHEM 332
 Note: CREDIT FOR EITHER CHEM 332L OR CHEM 334L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5272005 1 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 Syllabus: <http://>
 5272010 2 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5272015 3 T 3:40-6:30PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5272020 4 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5272025 5 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5272030 6 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5272035 7 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5272040 8 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5272045 9 R 3:40-6:30PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

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, BIOCH, CHEM MAJORS ONLY.
 5645005 1 MW 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5645010 2 MW 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 5645015 3 TR 3:40-6:30PM
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

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

INORGANIC CHEM LAB CHEM 401L 1 CREDIT
 Prereq: CHEM 402
 2524005 1 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2524010 2 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2524015 3 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>
 2524020 4 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

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

COOPERATIVE EDUCATN CHEM 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4841005 1 ARRANGED
 MEETS: JAN 14-MAY 10

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

ANALYT SPECTROSCOPY CHEM 513 3 CREDITS
 Prereq: 316, 316L, 324, 322L
 2538005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

ANALYTIC SEPARATION CHEM 516 3 CREDITS
 Prereq: 316, 316L, 324, 322L
 2539005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

ORGANIC SYNTHESIS I CHEM 531 2 CREDITS
 Prereq: 332
 9267005 1 TR 10:00-10:50
 MEETS: JAN 14-MAY 10

PHYS ORGANC CHEM II CHEM 538 3 CREDITS
 Prereq: 537
 2543005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

SAFETY IN CHEM LAB CHEM 550 1 CREDIT
 Prereq: 332L
 Satisfactory-Fail Only.
 4295005 1 TR 8:00-8:50
 MEETS: JAN 14-MARCH 8

ATOMIC&MOLEC Q MECH CHEM 562 3 CREDITS
 Prereq: 561, CREDIT OR ENROLLMENT IN 583
 2549005 1 M 12:10-1:30
 W 12:10-1:30
 MEETS: JAN 14-MAY 10

STATISTCL MECHANICS CHEM 563 3 CREDITS
 Prereq: 325
 2550005 1 MW 1:40-3:00
 MEETS: JAN 14-MAY 10

NANOCHEMISTRY CHEM 573 2 CREDITS
 Prereq: CHEM 301, CHEM 324
 2919005 1 TR 11:00-11:50
 MEETS: JAN 14-MAY 10

ORGANOMETALLIC CHEM CHEM 574 2 CREDITS
 Prereq: 301,332
 2557005 1 TR 11:00-11:50
 MEETS: JAN 14-MAY 10

DIFFRA&CRYSTL STRUC CHEM 575X 3 CREDITS
 Prereq: CHEM 324
 9973005 1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

MASS SPECTROMETRY CHEM 577 3 CREDITS
 2560005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

CHEMICAL GROUP THRY CHEM 583 1 CREDIT
 Prereq: 324
 5657005 1 TR 1:10-2:00
 MEETS: JAN 14-MARCH 8

NONTHESIS RESEARCH CHEM 599 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SEMINR INORGNC CHEM CHEM 600 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2563005 1 W 4:10-5:30
 MEETS: JAN 14-MAY 10

SEMNR ANALYTIC CHEM CHEM 611 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2565005 1 F 2:30-4:00
 MEETS: JAN 14-MAY 10

CHEMISTRY (CONTINUED)

SEMINR ORGANIC CHEM CHEM 631 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2566005 1 F 1:10-2:30
 MEETS: JAN 14-MAY 10

SEMNR PHYSICAL CHEM CHEM 660 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2568005 1 F 4:10-5:30
 MEETS: JAN 14-MAY 10

RESEARCH CHEM 699 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

CHINESE

ELEM MANDRN CHIN II CHIN 102 4 CREDITS
 Prereq: 101
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 Meets international perspectives reqmt
 7374005 1 MTWR 10:00-10:50
 MEETS: JAN 14-MAY 10
 7374010 2 MTWR 11:00-11:50
 MEETS: JAN 14-MAY 10

INTM MAND CHINES II CHIN 202 4 CREDITS
 Prereq: 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
 Meets international perspectives reqmt
 7768005 1 MTWR 11:00-11:50
 MEETS: JAN 14-MAY 10

INTRO CHINES CULTUR CHIN 272 3 CREDITS
 Note: Meets international perspectives reqmt
 8252005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

ADV MANDARIN CHI II CHIN 302 3 CREDITS
 Prereq: 301 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 5405005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

CHINA TODAY CHIN 375 3- 4 CREDITS
 Prereq: ENGL 250 OR ENGL 105 OR EQUIVALENT
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2019.
 TOPIC: CONTEMPORARY CHINESE POPULAR CULTURE.
 Meets international perspectives reqmt
 5347005 1 MW 1:10-2:30
 MEETS: JAN 14-MAY 10

SEM CHIN:TOPICS PRO CHIN 403B 3 CREDITS
 Prereq: CHIN 302 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 4533005 1 MW 11:00-12:20
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY CHIN 490 1- 6 CREDITS
 Prereq: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR
 Note: Permission of department chair required.

 SEE DEPT FOR REFERENCE NUMBERS

INTERNSH IN CHINESE CHIN 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF CHINESE AT THE 300 LEVEL;
 PERMISSION OF ADVISER AND WLC INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING

INTRO CIVIL ENG PRO C E 105 1 CREDIT
 4906005 1 W 3:10-4:00
 MEETS: JAN 14-MAY 10

FUND OF SURVEYING I C E 111 3 CREDITS
 Prereq: C E 160; CREDIT OR ENR IN ENGR 170 OR
 C E 170; MATH 165
 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 14-MAY 10
 7242010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 7242015 3 MF 2:10-3:00
 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 7242020 4 MF 2:10-3:00
 R 2:10-5:00
 MEETS: JAN 14-MAY 10
 7242025 5 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 14-MAY 10

CIVIL ENGINEERING (CONTINUED)

CIVIL ENGR LRN COMM C E 120 R CREDIT
 Satisfactory-Fail Only.
 8518005 1 TR 4:10-5:25
 MEETS: JAN 14-MAY 10

ENGR PROB CMPT LAB C E 160 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH
 PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165
 Note: COURSE RESTRICTED TO C E, CON E, ENGRS MAJORS
 CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE
 APPLIED TOWARD GRADUATION: I E 148, C E 160, M E 160,
 A B 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 14-MAY 10
 2911010 2 TR 3:10-5:00
 MEETS: JAN 14-MAY 10
 2911015 3 TR 8:00-9:50
 MEETS: JAN 14-MAY 10

CIVIL ENGR GRAPHICS C E 170 2 CREDITS
 Note: COURSE RESTRICTED TO C E, CON E, ENGRS MAJORS
 ONLY.
 3515005 1 TR 12:10-2:00
 MEETS: JAN 14-MAY 10
 3515010 2 MW 12:10-2:00
 MEETS: JAN 14-MAY 10
 3515015 3 MW 3:10-5:00
 MEETS: JAN 14-MAY 10

ECON ANALY&PRO ISSU C E 206 3 CREDITS
 Prereq: MATH 166, ENGL 250, C E 105.
 ECON 101 RECOMMENDED.
 1915005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

PROJECT MANAGMNT CE C E 306 3 CREDITS
 Prereq: ENGL 250, C E 105
 4943005 1 MW 3:10-4:00
 T 8:00-10:50
 MEETS: JAN 14-MAY 10
 4943010 2 MW 3:10-4:00
 T 11:00-1:50
 MEETS: JAN 14-MAY 10
 4943015 3 MW 3:10-4:00
 R 8:00-10:50
 MEETS: JAN 14-MAY 10
 4943020 4 MW 3:10-4:00
 R 11:00-1:50
 MEETS: JAN 14-MAY 10

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
 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)
 2284005 1 MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 14-MAY 10
 2284010 2 MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 14-MAY 10
 2284015 3 TR 9:30-10:20
 R 12:10-2:00
 MEETS: JAN 14-MAY 10
 2284020 4 TR 9:30-10:20
 T 12:10-2:00
 MEETS: JAN 14-MAY 10

STRUCTURAL ANALYS I C E 332 3 CREDITS
 Prereq: E M 324
 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)
 2285005 1 MWF 1:10-2:00
 W 2:10-3:00
 MEETS: JAN 14-MAY 10
 2285010 2 MWF 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 14-MAY 10
 2285015 3 MWF 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 14-MAY 10
 2285020 4 MWF 8:00-8:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10

STRUCT STEEL DSGN I C E 333 3 CREDITS
 Prereq: 332, E M 327
 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)
 2286005 1 MWF 8:00-8:50
 R 9:30-10:20
 MEETS: JAN 14-MAY 10
 2286010 2 TR 12:40-1:55
 T 9:30-10:20
 MEETS: JAN 14-MAY 10
 2286015 3 MWF 8:00-8:50
 R 9:30-10:20
 MEETS: JAN 14-MAY 10

CIVIL ENGINEERING (CONTINUED)

REIN CONCRETE DSN I C E 334 3 CREDITS
 Prereq: 332, E M 327
 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)
 2287005 1 MWF 8:00-8:50
 R 9:30-10:20
 MEETS: JAN 14-MAY 10
 2287010 2 TR 3:40-4:55
 M 11:00-11:50
 MEETS: JAN 14-MAY 10
 2287015 3 MWF 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 14-MAY 10

PRIN TRANSPORTN ENGR C E 355 3 CREDITS
 Prereq: C E 111
 2924005 1 TR 3:40-4:55
 MEETS: JAN 14-MAY 10

GEOTECHNICL ENGNRNG C E 360 3 CREDITS
 Prereq: E M 324, CREDIT OR ENROLLMENT IN GEOL 201
 Note: COURSE RESTRICTED TO ENGINEERING COLLEGE 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)
 2291005 1 MF 12:10-1:00
 T 8:00-10:50
 MEETS: JAN 14-MAY 10
 2291010 2 MF 12:10-1:00
 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 2291015 3 MF 12:10-1:00
 R 8:00-10:50
 MEETS: JAN 14-MAY 10
 2291020 4 MF 12:10-1:00
 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 2291025 5 MF 12:10-1:00
 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 2291030 6 MF 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10

ENGR HYDROL&HYDRAUL C E 372 3 CREDITS
 Prereq: E M 378, A COURSE IN STATISTICS FROM
 THE APPROVED DEPARTMENT LIST
 2293005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

DESIGN OF CONCRETES C E 382 3 CREDITS
 Prereq: E M 274
 Note: CREDIT IN C E 382 OR C E 383, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION
 2294005 1 MF 2:10-3:00
 T 8:00-10:50
 MEETS: JAN 14-MAY 10
 2294010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 2294015 3 MF 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 2294020 4 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 14-MAY 10
 2294025 5 MF 2:10-3:00
 W 2:10-5:00
 MEETS: JAN 14-MAY 10
 2294030 6 MF 2:10-3:00
 F 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 2294035 7 MF 2:10-3:00
 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10

DSGN PORTLAND CEMNT C E 383 1 CREDIT
 Prereq: E M 274
 Note: CREDIT IN C E 382 OR C E 383, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION
 9480005 1 R 3:10-5:00
 MEETS: JAN 14-MAY 10
 9480010 2 T 3:10-5:00
 MEETS: JAN 14-MAY 10

GLBL PRSPCTV TRNSPT C E 395 3 CREDITS
 Prereq: C E 355 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 6672005 1 ARRANGED
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUC C E 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING (CONTINUED)

CIVIL ENGINEERING (CONTINUED)

PROG&OUTCOME ASSESS C E 403 R CREDIT
 Prereq: VERIFICATION OF UNDERGRAD APPLICATION FOR GRADUATION BY THE END OF THE FIRST WEEK OF CLASS, INSTR PERMISSION FOR STUDENTS GRADUATING SUMMER. Satisfactory-Fail Only.
 7351005 1 M 5:10-6:00PM
 MEETS: MARCH 11-MAY 10
 Note: SEC 1 RESTRICTED TO STUDENTS GRADUATING SPRING 2019 OR SUMMER 2019
 7351010 2 M 5:10-6:00PM
 MEETS: MARCH 11-MAY 10
 Note: SEC 2 RESTRICTED TO CONCURRENT GRADUATE STUDENTS

LAND SURVEYING C E 417 3 CREDITS
 Prereq: 111
 7565005 1 MF 10:00-10:50
 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 7565010 2 MF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 14-MAY 10

WASTEWTR TREATM DSN C E 428 3 CREDITS
 Prereq: 326
 6106005 1 TR 8:00-9:15, ARRANGED
 MEETS: JAN 14-MAY 10

BRIDGE DESIGN C E 446 3 CREDITS
 Prereq: 333, 334
 2300005 1 MW 3:10-5:00
 MEETS: JAN 14-MAY 10

STRUC HEALTH MONITR C E 449 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN ENGINEERING OR PERMISSION OF INSTRUCTOR
 9700005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

FOUNDATION ENGINEER C E 460 3 CREDITS
 Prereq: 360
 2303005 1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

GEOMATERIAL STABLIZ C E 467 3 CREDITS
 Prereq: C E 360 OR C E 382 OR C E 383
 9166005 1 MW 8:00-8:50
 M 3:10-5:00
 MEETS: JAN 14-MAY 10

PAVEMENT ANLYS&DSGN C E 483 3 CREDITS
 Prereq: C E 382, C E 360
 7748005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ADV DSGN CONCRETES C E 484 3 CREDITS
 Prereq: 382
 9167005 1 MW 9:00-9:50
 F 8:00-10:50
 MEETS: JAN 14-MAY 10

CIVIL ENGRN DESIGN C E 485 3 CREDITS
 Prereq: C E 206, C E 306, C E 326, C E 333 OR C E 334, C E 355, C E 360, C E 372, C E 382, SP CM 212.
 ENROLLMENT LIMITED TO SEMESTER OF GRADUATION.
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING '19 OR SUMMER '19.
 2131005 1 MF 12:10-1:00
 T 11:00-1:00
 MEETS: JAN 14-MAY 10
 2131010 2 MF 12:10-1:00
 T 3:10-5:00
 MEETS: JAN 14-MAY 10
 2131015 3 MF 12:10-1:00
 R 11:00-1:00
 MEETS: JAN 14-MAY 10

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

CONSTR ENGR&MANAGMT C E 502 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CON E 422 OR C E 594A OR PERMISSION OF INSTRUCTOR
 8715005 1 M 5:10-8:00PM
 MEETS: JAN 14-MAY 10

WTR POLL CNTRL PROC C E 522 3 CREDITS
 Prereq: 521
 2320005 1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

SOLID&HAZ WASTE MGT C E 528 3 CREDITS
 Prereq: C E 326 OR BACKGROUND COURSES IN BOTH ENVIRONMENTAL CHEMISTRY AND MICROBIOLOGY, JUNIOR STANDING
 9360005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

DYN ANLYS OF STRUCT C E 541 3 CREDITS
 Prereq: E M 345 AND CREDIT OR ENROLLMENT IN C E 532
 2327005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

STRUC ANLY FIN ELEM C E 542 3 CREDITS
 Prereq: C E 532
 2324005 1 TR 12:40-1:55
 MEETS: JAN 14-MAY 10

PLATE &SLAB STRUCTU C E 547 3 CREDITS
 Prereq: C E 334, E M 514, MATH 266
 2332005 1 MW 3:10-5:00
 MEETS: JAN 14-MAY 10

BUILDING DESIGN C E 548 3 CREDITS
 Prereq: C E 333, C E 334
 1942005 1 MW 3:10-5:00
 MEETS: JAN 14-MAY 10

URB TRNSPRT PLN MOD C E 551 3 CREDITS
 Prereq: C E 355; STAT 101 OR STAT 105
 2208005 1 TR 6:30-10:50PM
 MEETS: JAN 14-MAY 10

TRAFFIC ENGINEERING C E 553 3 CREDITS
 Prereq: 355
 2336005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

TRANSPRTN SYS ANALY C E 557 3 CREDITS
 Prereq: 355, 3 CREDITS IN STAT OR PROBABILITY
 7286005 1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

EXPMTL MTHDS GEOENG C E 563 3 CREDITS
 Prereq: 360
 5146005 1 MF 1:10-2:00
 F 3:10-5:00
 MEETS: JAN 14-MAY 10

GEOMATERIAL STABLIZ C E 567 3 CREDITS
 Prereq: C E 360; C E 382 OR C E 383
 1945005 1 MW 8:00-8:50
 M 3:10-5:00
 MEETS: JAN 14-MAY 10

SURFC WTR HYDROLOGY C E 571 3 CREDITS
 Prereq: 372
 2343005 1 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

ENVIRONMENTAL FLOWS C E 576 3 CREDITS
 Prereq: E M 378 OR EQUIVALENT
 5109005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

GEOTECH&MAT ENG SEM C E 581 R CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 2655005 1 W 12:10-1:50
 MEETS: JAN 14-MAY 10

PAVEMENT ANLYS&DSGN C E 583 3 CREDITS
 Prereq: 382, 360
 7772005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ADV DSGN CONCRETES C E 584 3 CREDITS
 Prereq: 382
 9168005 1 MW 9:00-9:50
 F 8:00-10:50
 MEETS: JAN 14-MAY 10

SPECIAL TOPICS C E 590 1- 5 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENVIR ENGR C E 591 R CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 1658005 1 T 11:00-11:50
 MEETS: JAN 14-MAY 10

RSRCH MTDs SEM:TECH C E 595B 1 CREDIT
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 4294005 1 M 2:10-4:00
 MEETS: JAN 14-MAY 10

CIVIL ENGINEERING (CONTINUED)

CREATIVE COMPONENT C E 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TP TRNSP:TRAFFC C E 650B 3 CREDITS
 Prereq: PERMISSION OF TRANSPORTATION ENGR
 GRADUATE FACULTY
 9042005 1 R 6:00-9:00PM
 MEETS: JAN 14-MAY 10

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 14-MAY 10

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 14-MAY 10

RHETORICAL TRADITNS CL ST 350 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 2176005 A1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM
 MAJORS ONLY
 TOPIC: HISTORY & THEORY OF RHETORIC
 2176010 A2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM
 TOPIC: HISTORY & THEORY OF RHETORIC
 2176015 B1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 2176020 B2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

RELIGION ANC GR&ROM CL ST 368 3 CREDITS
 Note: Meets international perspectives reqmt
 9900005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ANCIENT EGYPT CL ST 369X 3 CREDITS
 Note: Meets international perspectives reqmt
 9770005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

GREEK&ROM TRAG&CMDY CL ST 372 3 CREDITS
 Prereq: 273 OR 275 OR ONE COURSE IN LATIN OR
 GREEK OR ENGL 250
 Note: Meets international perspectives reqmt
 2587005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

SX,CLTR ANC MEDITRR CL ST 374 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN, OR
 GREEK
 Note: Meets international perspectives reqmt
 8164005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INTRO ROMAN ITALY CL ST 384 2 CREDITS
 Prereq: ENROLLMENT LIMITED TO STUDENTS
 PARTICIPATING IN CL ST 385 OR HIST 385;
 INSTRUCTOR PERMISSION REQUIRED
 Note: Meets international perspectives reqmt
 2608005 1 R 3:10-5:00
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

ROMAN CIVILIZATION CL ST 403 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 2590005 1 MW 3:10-4:30
 MEETS: JAN 14-MAY 10

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 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

COMMUNICATION DISORDERS (CONTINUED)

PHONETICS&PHONOLOGY CMDIS 371 3 CREDITS
 Prereq: ENGL 219
 2610005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

COMMUNICATION STUDIES

INTRO COMMUNIC STDI COMST 101 3 CREDITS
 7918005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

INTRO INTERPRS COMM COMST 102 3 CREDITS
 Note: SEC 1A,2A ETC RESTRICTED TO COMST MAJORS ONLY.
 SEC 1B,2B ETC FOR MAJORS OTHER THAN COMST
 8105005 1A TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8105010 1B TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8105015 2A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 8105020 2B MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 8105025 3A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 8105030 3B MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 8105035 4A TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 8105040 4B TR 2:10-3:30
 MEETS: JAN 14-MAY 10

INTRO COM RSRCH MTD COMST 203 3 CREDITS
 Prereq: COMST 101
 Note: COURSE RESTRICTED TO COMST MAJORS.
 STUDENT SHOULD HAVE PRIOR CREDIT IN COMST 101 BEFORE
 ENROLLING IN COMST 203
 5123005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 5123010 2 TR 11:00-12:30
 MEETS: JAN 14-MAY 10

COMM& U.S. DIVRSITY COMST 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 7066005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

PROFESSNAL COMMUNIC COMST 214 3 CREDITS
 9183005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

CONFLICT MANAGEMENT COMST 218 3 CREDITS
 7314005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

HUMAN COMMUNIC THRY COMST 301 3 CREDITS
 Prereq: COMST 101
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 6593005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 6593010 2 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

INTERCULTURAL COMM COMST 310 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 Meets international perspectives reqmt
 7934005 1 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

STDI INTRPRSNL COMM COMST 311 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY.
 6428005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

LDRSHP COMMUN THEOR COMST 313 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301
 4305005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

ORGANIZATIONAL COMM COMST 314 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 6431005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

SMALL GROUP COMM COMST 317 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 6433005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

COMMUNICATION STUDIES (CONTINUED)

COMM TRAINING&DEVEL COMST 319 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301
 2362005 1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

NONVERBAL COMMUNIC COMST 325 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 3920005 1A TR 9:30-10:50
 MEETS: JAN 14-MAY 10

CMPTR-MEDIATED COMM COMST 330 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY.
 2385005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

RESEARCH SEMINAR COMST 404 3 CREDITS
 Prereq: COMST 301 PLUS 3 ADDITIONAL COMMUNICATION
 STUDIES CLASSES FROM THE FOLLOWING LIST: COMST 310,
 COMST 311, COMST 313, COMST 314, COMST 317,
 COMST 319, COMST 325, OR COMST 330
 2298005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 2298010 2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 2298015 3 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY COMST 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM COMST 491 VAR. CREDITS
 Prereq: COMST 203, COMST 301, AND PERMISSION
 OF INSTRUCTOR
 ***** 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
 MEETS: JAN 14-MAY 10

SPECIAL TOPICS COMST 590 1- 4 CREDITS
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING

FUND GEOG INFO SYST C R P 251X 3 CREDITS
 9667005 A MW 9:00-9:50
 W 3:10-5:00
 MEETS: JAN 14-MAY 10
 9667010 B MW 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 14-MAY 10
 9667015 C MW 9:00-9:50
 F 8:00-9:50
 MEETS: JAN 14-MAY 10

WORLD CITIES&GLOBLZ C R P 291 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 7447005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

URBAN ANALYTIC MTHDS C R P 301 4 CREDITS
 Prereq: STAT 101
 4968005 A TR 2:10-5:00
 MEETS: JAN 14-MAY 10

URBAN GEOGRAPHY C R P 320 3 CREDITS
 8073005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

PRACTICUM C R P 330 1- 3 CREDITS
 Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING
 Note: COURSE OFFERED FOR 1-3 CREDITS SPRING 2019
 Satisfactory-Fail Only.
 2386005 A ARRANGED
 MEETS: JAN 14-MAY 10

INTMD GEOG INFO SYS C R P 351X 3 CREDITS
 Prereq: C R P 251X
 9684005 A MW 9:00-9:50
 F 1:10-3:00
 MEETS: JAN 14-MAY 10
 9684010 B MW 9:00-9:50
 W 10:00-11:50
 MEETS: JAN 14-MAY 10

COMMUNITY & REGIONAL PLANNING (CONTINUED)

URBAN REVITALIZATN C R P 417 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7569005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10

CMUNITY PLAN STUDIO C R P 432 4- 6 CREDITS
 Prereq: C R P 201, C R P 301, C R P 383,
 OR PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 6 CREDITS SPRING 2019
 MATERIALS, FIELD TRIPS & TRAVEL FEE: \$25 - \$50
 2391005 A MW 12:10-5:20
 ARRANGED
 MEETS: JAN 14-MAY 10

CMUNTY ECON DEVLPMNT C R P 436 3 CREDITS
 1932005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

TRANSPRT POLCY&PLAN C R P 445 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 2720005 A TR 3:40-5:00
 MEETS: JAN 14-MAY 10

GEOG DATA MGT&ANALY C R P 452 3 CREDITS
 Prereq: C R P 351 OR EQUIVALENT
 5205005 A TR 10:00-11:50
 MEETS: JAN 14-MAY 10

GEOGAMES CVC ENGAGE C R P 457X 3 CREDITS
 9691005 A MW 9:00-10:20
 MEETS: JAN 14-MAY 10

WEB MAPPING/GIS C R P 458 3 CREDITS
 Prereq: C R P 451 OR C R P 551, L A 302,
 GEOL 452 OR GEOL 552 OR INSTRUCTOR PERMISSION
 2967005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

GEOVISUAL:IMAGN MAP C R P 459X 3 CREDITS
 9893005 A MW 11:00-12:20
 MEETS: JAN 14-MAY 10

GRANT WRITING C R P 475 1 CREDIT
 Note: TOPIC: GRANT WRITING
 Instructor permission required 1st week.
 5575005 A T 8:00-8:50
 MEETS: JAN 14-MAY 10

SUSTAINABLE COMMUNT C R P 484 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7041005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY C R P 490 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C R P 490H 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM.
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN C R P 491 3 CREDITS
 Prereq: 6 CREDITS IN NATURAL SCIENCES
 2396005 A W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

PRO WORK EXPERIENCE C R P 510 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

URBAN REVITALIZATN C R P 517 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7839005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10

PRACTICUM C R P 530 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION IN C R P
 Satisfactory-Fail Only.
 2405005 A ARRANGED
 MEETS: JAN 14-MAY 10

TRANPRTN POLICY PLN C R P 545 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2756005 A TR 3:40-5:00
 MEETS: JAN 14-MAY 10

COMMUNITY & REGIONAL PLANNING (CONTINUED)

COMMUNITY & REGIONAL PLANNING (CONTINUED)

INTRO GEOG INFO SYS C R P 551 3 CREDITS
 1985005 A MW 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 14-MAY 10
 1985010 B MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 14-MAY 10

GEOG DATA MGT & PLAN C R P 552 3 CREDITS
 Prereq: C R P 551
 5209005 A TR 10:00-11:50
 MEETS: JAN 14-MAY 10

WEB MAPPING/GIS C R P 558 3 CREDITS
 Prereq: C R P 451 OR C R P 551, L A 302,
 GEOL 452 OR GEOL 552 OR INSTRUCTOR PERMISSION
 4025005 1 ARRANGED
 MEETS: JAN 14-MAY 10

DIGTL DSN MTH L ARC C R P 559 3 CREDITS
 4027005 1 TR 11:00-12:30
 MEETS: JAN 14-MAY 10

PLANNING THEORY C R P 561 3 CREDITS
 2410005 A R 5:10-8:00PM
 MEETS: JAN 14-MAY 10

PLANNING & DEVELOPMT C R P 568 3 CREDITS
 Prereq: C R P 564 OR EQUIVALENT
 2018005 A MW 2:10-3:00
 MEETS: JAN 14-MAY 10

CTMP ISS GLOBL HOUS C R P 573X 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 9845005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

GRANT WRITING C R P 575 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Note: TOPIC: GRANT WRITING
 RESTRICTED TO GRADUATE STUDENTS ONLY
 5592005 A T 8:00-8:50
 MEETS: JAN 14-MAY 10

SUSTAINBLE COMMUNIT C R P 584 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7043005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10

SPL TP PLAN LAW,ADM C R P 590A 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECON DEVEL C R P 590B 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN C R P 590C 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOUS&URB RV C R P 590D 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN C R P 590H 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRTN PL C R P 590I 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC INT'L PLAN C R P 590N 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATL AN MTH C R P 590O 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SM TOWN PLAN C R P 590P 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRS&EQ PLN C R P 590Q 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GIS C R P 590R 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN C R P 591 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2426005 A W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

SEMINAR GIS APP/RES C R P 595 1 CREDIT
 Prereq: 9 CREDITS IN GIS CERTIFICATE PROGRAM
 Satisfactory-Fail Only.
 5571005 A M 12:10-1:00
 MEETS: JAN 14-MAY 10

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

COMPUTER ENGINEERING

INTR CMPTR SECURITY CPR E 131 1 CREDIT
 Satisfactory-Fail Only.
 3482005 A MW 11:00-11:50
 MEETS: JAN 14-MARCH 8

PRO PROG ORIENTATN CPR E 166 R CREDIT
 Note: COURSE RESTRICTED TO E E & CPR E MAJORS ONLY.
 2292005 A T 2:10-3:00
 MEETS: JAN 14-MAY 10
 2292010 B T 3:10-4:00
 MEETS: JAN 14-MAY 10
 2292015 C R 2:10-3:00
 MEETS: JAN 14-MAY 10

INTRO PROBLM SOLV I CPR E 185 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON
 MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR
 ENROLLMENT IN MATH 165
 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, A B E 160, AER E 160, C E 160,
 CPR E, E E 185, S E 185, I E 148.
 3878005 A TR 3:10-4:00
 W 8:00-9:50
 MEETS: JAN 14-MAY 10
 3878010 B TR 3:10-4:00
 W 6:10-8:00PM
 MEETS: JAN 14-MAY 10
 3878015 C TR 3:10-4:00
 F 2:10-4:00
 MEETS: JAN 14-MAY 10
 3878020 D TR 3:10-4:00
 T 4:10-6:00PM
 MEETS: JAN 14-MAY 10

INTR PROBLM SOLV II CPR E 186 1 CREDIT
 Prereq: 185
 6238005 A W 10:00-11:50
 MEETS: JAN 14-MAY 10
 6238010 B W 12:10-2:00
 MEETS: JAN 14-MAY 10
 6238015 C W 2:10-4:00
 MEETS: JAN 14-MAY 10
 6238020 D R 8:00-9:50
 MEETS: JAN 14-MAY 10
 6238025 E T 12:10-2:00
 MEETS: JAN 14-MAY 10

CYBER SECURTY TOOLS CPR E 231 3 CREDITS
 Prereq: CPR E 230
 4231005 A MW 9:00-9:50
 T 9:00-10:50
 MEETS: JAN 14-MAY 10
 4231010 B MW 9:00-9:50
 R 9:00-10:50
 MEETS: JAN 14-MAY 10
 4231015 C MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 14-MAY 10

COMPUTER ENGINEERING (CONTINUED)

TRANSFER ORIENTATIO CPR E 261 R CREDIT
 Satisfactory-Fail Only.
 9198005 A T 11:00-11:50
 MEETS: JAN 14-MAY 10

DIG LOGC,PROCSR,P I CPR E 281 4 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO CPR E, E E, COM S, P CS, S E SOPHOMORES, JUNIORS AND SENIORS

7321005 A MWF 9:00-9:50
 T 6:10-9:00PM
 MEETS: JAN 14-MAY 10

7321010 B MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10

7321015 C MWF 9:00-9:50
 R 4:10-7:00PM
 MEETS: JAN 14-MAY 10

7321020 D MWF 9:00-9:50
 F 12:10-3:00
 MEETS: JAN 14-MAY 10

7321025 E MWF 9:00-9:50
 R 12:10-3:00
 MEETS: JAN 14-MAY 10

7321030 F MWF 4:10-5:00
 T 12:10-3:00
 MEETS: JAN 14-MAY 10

7321035 G MWF 4:10-5:00
 W 6:10-9:00PM
 MEETS: JAN 14-MAY 10

7321034 J MWF 4:10-5:00
 W 12:10-3:00
 MEETS: JAN 14-MAY 10

7321040 K MWF 4:10-5:00
 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10

7321045 L MWF 4:10-5:00
 T 9:00-11:50
 MEETS: JAN 14-MAY 10

7321050 M MWF 4:10-5:00
 R 9:00-11:50
 MEETS: JAN 14-MAY 10

7321055 N MWF 4:10-5:00
 R 12:10-3:00
 MEETS: JAN 14-MAY 10

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 2:10-4:00
 MEETS: JAN 14-MAY 10

3364010 B TR 9:30-10:50
 T 4:10-6:00PM
 MEETS: JAN 14-MAY 10

3364015 C TR 2:10-3:30
 T 6:10-8:00PM
 MEETS: JAN 14-MAY 10

3364020 D TR 2:10-3:30
 W 12:10-2:00
 MEETS: JAN 14-MAY 10

3364025 E TR 9:30-10:50
 R 2:10-4:00
 MEETS: JAN 14-MAY 10

3364030 F TR 2:10-3:30
 F 12:10-2:00
 MEETS: JAN 14-MAY 10

3364035 G TR 2:10-3:30
 F 2:10-4:00
 MEETS: JAN 14-MAY 10

3364040 J TR 9:30-10:50
 T 12:10-2:00
 MEETS: JAN 14-MAY 10

3364045 K TR 2:10-3:30
 W 2:10-4:00
 MEETS: JAN 14-MAY 10

3364050 L TR 2:10-3:30
 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10

3364055 M TR 2:10-3:30
 W 6:10-8:00PM
 MEETS: JAN 14-MAY 10

3364060 N TR 2:10-3:30
 R 12:10-2:00
 MEETS: JAN 14-MAY 10

PROGRAM DISCOVERY CPR E 294 R CREDIT

Prereq: CPR E 166 OR E E 166
 Note: SEC A1, B1 RESTRICTED TO CPR E MAJORS ONLY.
 SEC A2, B2 RESTRICTED TO E E MAJORS ONLY
 Satisfactory-Fail Only.

5337005 A1 M 1:10-2:00
 MEETS: JAN 14-MARCH 8

5337010 A2 M 1:10-2:00
 MEETS: JAN 14-MARCH 8

5337015 A3 M 1:10-2:00
 MEETS: JAN 14-MARCH 8

5337020 B1 F 3:10-4:00
 MEETS: JAN 14-MARCH 8

5337025 B2 F 3:10-4:00
 MEETS: JAN 14-MARCH 8

5337030 B3 F 3:10-4:00
 MEETS: JAN 14-MARCH 8

COMPUTER ENGINEERING (CONTINUED)

OPERAT SYS:PRIN&PRA CPR E 308 4 CREDITS
 Prereq: CPR E 381 OR COM S 321

2036005 A MWF 12:10-1:00
 T 8:00-10:50
 MEETS: JAN 14-MAY 10

2036010 B MWF 12:10-1:00
 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10

2036015 C MWF 12:10-1:00
 R 6:10-9:00PM
 MEETS: JAN 14-MAY 10

2036020 D MWF 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10

2036025 E MWF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 14-MAY 10

2036030 F MWF 12:10-1:00
 R 9:00-11:50
 MEETS: JAN 14-MAY 10

2036035 G MWF 12:10-1:00
 W 9:00-11:50
 MEETS: JAN 14-MAY 10

2036040 J MWF 12:10-1:00
 T 11:00-1:50
 MEETS: JAN 14-MAY 10

THEORET FOUND CPR E CPR E 310 3 CREDITS

Prereq: COM S 228

9240005 A TR 4:10-5:30
 M 10:00-10:50
 MEETS: JAN 14-MAY 10

9240010 B TR 4:10-5:30
 M 11:00-11:50
 MEETS: JAN 14-MAY 10

9240015 C TR 4:10-5:30
 M 2:10-3:00
 MEETS: JAN 14-MAY 10

9240020 D TR 4:10-5:30
 M 3:10-4:00
 MEETS: JAN 14-MAY 10

SOFTWARE PROJCT MGT CPR E 329 3 CREDITS

Prereq: COM S 309

6832005 A TR 12:40-1:55
 MEETS: JAN 14-MAY 10

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

2311005 A MWF 9:00-9:50
 T 8:00-10:50
 MEETS: JAN 14-MAY 10

2311010 B MWF 9:00-9:50
 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10

2311015 C MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10

2311020 D MWF 9:00-9:50
 F 1:10-4:00
 MEETS: JAN 14-MAY 10

2311025 E MWF 9:00-9:50
 F 10:00-12:50
 MEETS: JAN 14-MAY 10

CYBER DEFENS COMPET CPR E 332 1 CREDIT

Satisfactory-Fail Only.

9653005 A ARRANGED
 MEETS: JAN 14-MAY 10

SFTWR ARCHITC&DSIGN CPR E 339 3 CREDITS

Prereq: S E 319

6834005 A TR 4:10-5:30
 MEETS: JAN 14-MAY 10

CPTR ORG &ASMB PROG CPR E 381 4 CREDITS

Prereq: CPR E 288

6769005 A MWF 9:00-9:50
 W 10:00-11:50
 MEETS: JAN 14-MAY 10

6769010 B MWF 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 14-MAY 10

6769015 C MWF 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 14-MAY 10

6769020 D MWF 9:00-9:50
 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10

PROGRAM EXPLORATION CPR E 394 R CREDIT

Prereq: 294 OR E E 294
 Note: SEC B1,C1 RESTRICTED TO CPR E MAJORS ONLY.
 SEC B2,C2 RESTRICTED TO E E MAJORS ONLY
 Satisfactory-Fail Only.

5388005 A1 M 1:10-2:00
 MEETS: MARCH 11-MAY 10

5388010 A2 M 1:10-2:00
 MEETS: MARCH 11-MAY 10

5388020 B1 F 3:10-4:00
 MEETS: MARCH 11-MAY 10

5388025 B2 F 3:10-4:00
 MEETS: MARCH 11-MAY 10

COMPUTER ENGINEERING (CONTINUED)

COMPUTER ENGINEERING (CONTINUED)

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

FORML MTHDS SFTWR E CPR E 412 3 CREDITS
 Prereq: COM S 230 OR CPR E 310; COM S 311, STAT 330
 8535005 1 TR 3:40-4:55 MINER A
 MEETS: JAN 14-MAY 10

LG SC DTA ANLY SFTW CPR E 419 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 14-MAY 10
 9581010 B TR 9:30-10:50
 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 9581015 C TR 9:30-10:50
 F 12:10-2:00
 MEETS: JAN 14-MAY 10

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
 2330005 A MWF 10:00-10:50
 W 11:00-2:00
 MEETS: JAN 14-MAY 10
 2330010 B MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 14-MAY 10
 2330015 C MWF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 14-MAY 10

DISTRB SYS&MIDDLWRE CPR E 450 3 CREDITS
 Prereq: 308 OR COM S 352
 8512005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10

DIST&NETWK OPER SYS CPR E 454 3 CREDITS
 Prereq: COM S 311, 352, ENGL 250 OR ENGL 105, SP CM 212
 7291005 1 TR 2:10-3:25 RUAN L
 MEETS: JAN 14-MAY 10

MULTIDISC ENGR DSGN CPR E 466 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 1899005 A MWF 3:10-5:00
 MEETS: JAN 14-MAY 10

EMBEDDED SYS DESIGN CPR E 488 4 CREDITS
 Prereq: 381 OR COM S 321
 8156005 A TR 12:40-2:00
 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 8156010 B TR 12:40-2:00
 R 4:10-7:00PM
 MEETS: JAN 14-MAY 10
 8156020 C TR 12:40-2:00
 F 9:00-11:50
 MEETS: JAN 14-MAY 10

CPTR NTRWK&DATA COM CPR E 489 4 CREDITS
 Prereq: 381 OR E E 324
 2771005 A TR 11:00-12:20
 T 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 2771010 B TR 11:00-12:20
 F 1:10-3:00
 MEETS: JAN 14-MAY 10
 2771015 C TR 11:00-12:20
 W 1:10-3:00
 MEETS: JAN 14-MAY 10

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 A T 2:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10
 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 SENIORS
 1659005 A R 2:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 2279010 B W 2:10-3:00
 MEETS: JAN 14-MAY 10
 2279015 C R 2:10-3:00
 MEETS: JAN 14-MAY 10
 2279020 D R 3:10-4:00
 MEETS: JAN 14-MAY 10

PWR MGT INTGRT CIRC CPR E 503X 3 CREDITS
 Prereq: E E 435, OR CREDIT OR REGISTRATION FOR E/CPR E 501
 1423005 A TR 11:00-12:20
 T 2:10-5:00
 MEETS: JAN 14-MAY 10

ADV DSN&ANLY ALGTHM CPR E 511 3 CREDITS
 Prereq: COM S 311
 5651005 1 MWF 12:10-1:00 FERNANDEZ-BACA D
 MEETS: JAN 14-MAY 10

FNDTNS PROGRAM ANLYS CPR E 513X 3 CREDITS
 Prereq: COM S 331, COM S 342
 9920005 1 MW 11:00-12:15 LE W
 MEETS: JAN 14-MAY 10

NUM ANALY HI-P COMP CPR E 525 3 CREDITS
 Prereq: CPR E 308 OR MATH 481; EXPERIENCE IN SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C
 1368005 TR 11:00-1:00
 MEETS: JAN 14-MAY 10

PROBLSTC MTHD CPR E CPR E 528 3 CREDITS
 Prereq: CPR E 315 OR COM S 311
 8172005 TR 2:10-3:00
 MEETS: JAN 14-MAY 10

DATA ANALYTCS IN EE CPR E 529 3 CREDITS
 Prereq: E E 322 OR EQUIVALENT
 4028005 MW 4:10-5:30
 MEETS: JAN 14-MAY 10

INFORMATION WARFARE CPR E 532 3 CREDITS
 Prereq: 531
 2989005 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

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 12:10-1:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 2620010 B M 6:10-9:00PM
 MEETS: JAN 14-MAY 10

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 14-MAY 10

WIRELESS NTKW SECUR CPR E 537 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 489 OR 530
 6961005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

RVRS ENGR&SECUR TST CPR E 538 3 CREDITS
 Prereq: COM S 321 OR CPR E 381, COM S 352 OR CPR E 308
 2750005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

CYB SECUR SMRT GRID CPR E 539 3 CREDITS
 2866005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

FAULT-TOLERANT SYST CPR E 545 3 CREDITS
 Prereq: 381
 1079005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

COMPUTER ENGINEERING (CONTINUED)

WIRELESS&SENSOR NTWK CPR E 546 3 CREDITS
 Prereq: 489 OR 530
 8653005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

DISTRB SYS&MIDDLWRW CPR E 550 3 CREDITS
 Prereq: 308 OR COM S 352
 8515005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

DISTRIBUTED SYSTEMS CPR E 554 3 CREDITS
 Prereq: COM S 311, COM S 352; GRADUATE
 STANDING OR PERMISSION OF INSTRUCTOR
 7292005 1 TR 2:10-3:25 RUAN L
 MEETS: JAN 14-MAY 10

SEC&PRIVCY IN CLOUD CPR E 559X 3 CREDITS
 Prereq: COM S 352 OR CPR E 308; COM S 486 OR
 CPR E 489 OR CPR E 530
 1831005 1 TR 2:10-3:25 ZHANG W
 MEETS: JAN 14-MAY 10

DATA-DRV SECUR&PRIV CPR E 560X 3 CREDITS
 Prereq: CPR E 531; COM S 474 OR COM S 573
 5063005 1 MW 2:10-3:30
 MEETS: JAN 14-MAY 10

SYSTEMS BIOLOGY 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 14-MAY 10

COMPUTATNL PERCEPTN CPR E 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 5237005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

CPR SYS PERFORMANCE CPR E 582 3 CREDITS
 Prereq: 381, 310 AND STAT 330
 2779005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

RECONFIG COMPTG SYS CPR E 583 3 CREDITS
 Prereq: BACKGROUND IN COMPUTER ARCHITECTURE,
 DESIGN, AND ORGANIZATION
 7243005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

EMBEDDED CMPTR SYST CPR E 588 3 CREDITS
 Prereq: 308
 2783005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: RESTRICTED TO E CPE, COM S, GRAD STUDENTS ONLY

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

LEARN COMMUNITY SEMN CPR E 598X R CREDIT
 Prereq: CLASSIFICATION AS AN E CPE MAJOR
 Satisfactory-Fail Only.
 9874005 F 4:10-5:30
 MEETS: JAN 14-MAY 10

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 14-MAY 10

ENGINEERG INTERNSHP CPR E 697 R CREDIT
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF
 STUDENT SERVICES.
 Satisfactory-Fail Only.
 7420005 ARRANGED
 MEETS: JAN 14-MAY 10
 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 1 T 12:40-2:00 MITRA S
 MEETS: JAN 14-MARCH 8

COMPUTER SCIENCE (CONTINUED)

COMPUTER APPLICATNS COM S 103 4 CREDITS
 Note: CREDIT FOR EITHER COM S 103 OR COM S 113/COM S
 113X, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2673005 1 ARRANGED CHANG S
 MEETS: JAN 14-MAY 10

Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 1
 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF THE
 SEMESTER, MONDAY, 10-10:50 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 CHANG S
 MEETS: JAN 14-MAY 10

Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 2
 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF THE
 SEMESTER, MONDAY, 11-11.50 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 CHANG S
 MEETS: JAN 14-MAY 10

Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 3
 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF THE
 SEMESTER, MONDAY, 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

INTRO TO PROGRAMMING COM S 104 2 CREDITS
 2995005 1 MW 4:10-5:00 ATUKORALA N
 F 4:10-5:00
 R 4:10-6:00PM
 MEETS: JAN 14-MARCH 8

2995010 2 MW 4:10-5:00 ATUKORALA N
 F 4:10-5:00
 R 4:10-6:00PM
 MEETS: MARCH 11-MAY 10

INTRO SPRDSH&DATABS COM S 113 3 CREDITS
 Note: CREDIT FOR EITHER COM S 103 OR COM S 113/COM S
 113X, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 COM S, S E, AND CPR E MAJORS MAY NOT APPLY CREDIT IN
 COM S 113 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.

7761005 A TR 12:40-1:30 ORYSPAYEV D
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO THE COLLEGE OF BUSINESS
 MAJORS ONLY

7761010 B TR 9:00-9:50 ORYSPAYEV D
 MEETS: JAN 14-MAY 10
 Note: SEC B RESTRICTED TO THE COLLEGE OF BUSINESS
 MAJORS ONLY

7761015 C TR 9:00-9:50 ORYSPAYEV D
 MEETS: JAN 14-MAY 10
 Note: SEC C RESTRICTED TO THE NON-BUSINESS COLLEGE
 MAJORS

7761020 D TR 12:40-1:30 ORYSPAYEV D
 MEETS: JAN 14-MAY 10
 Note: SEC D RESTRICTED TO THE NON-BUSINESS COLLEGE
 MAJORS

7761100 1 M 8:00-9:50
 MEETS: JAN 14-MAY 10

7761105 2 M 12:10-2:00
 MEETS: JAN 14-MAY 10

7761110 3 M 4:10-6:00PM
 MEETS: JAN 14-MAY 10

7761115 4 M 2:10-4:00
 MEETS: JAN 14-MAY 10

7761120 5 M 6:10-8:00PM
 MEETS: JAN 14-MAY 10

7761125 6 T 8:00-9:50
 MEETS: JAN 14-MAY 10

7761130 7 T 12:10-2:00
 MEETS: JAN 14-MAY 10

7761135 8 T 2:10-4:00
 MEETS: JAN 14-MAY 10

7761140 9 T 6:10-8:00PM
 MEETS: JAN 14-MAY 10

7761145 10 M 10:00-11:50
 MEETS: JAN 14-MAY 10

7761150 11 W 6:10-8:00PM
 MEETS: JAN 14-MAY 10

7761155 12 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10

7761160 13 M 4:10-6:00PM
 MEETS: JAN 14-MAY 10

INTRO PROB SLV PROG COM S 127 4 CREDITS
 Prereq: MATH 140

8789005 A TR 2:10-3:25 BAO F
 F 2:10-4:00
 MEETS: JAN 14-MAY 10

8789010 B TR 2:10-3:25 BAO F
 F 2:10-4:00
 MEETS: JAN 14-MAY 10

COMPUTER SCIENCE (CONTINUED)

CAREERS IN COM SCI COM S 203 R CREDIT
 Note: COURSE RESTRICTED TO P CS, COM S MAJORS ONLY
 Satisfactory-Fail Only.
 2682005 1 R 12:40-2:00 CHAUDHURI S
 MEETS: JAN 14-MARCH 8

FUND CPTR PROGRAMNG COM S 207 3 CREDITS
 Prereq: MATH 150 OR PLACEMENT INTO MATH 140 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 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO BUS COLLEGE STUDENTS ONLY
 9235010 2 MWF 10:00-10:50 CAI Y
 R 3:10-4:00
 MEETS: JAN 14-MAY 10
 9235015 3 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

INTR OBJT ORIEN PRG COM S 227 4 CREDITS
 Prereq: PLACEMENT INTO MATH 143, MATH 165, OR
 HIGHER; RECOMMENDED: A PREVIOUS HIGH SCHOOL OR
 COLLEGE COURSE IN PROGRAMMING OR EQUIVALENT EXPERIENC
 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 3:10-4:00 KAUTZ S
 MEETS: JAN 14-MAY 10
 9237105 B MWF 1:10-2:00 SONG G
 MEETS: JAN 14-MAY 10
 9237110 C MWF 11:00-11:50 SHEAFFER J
 MEETS: JAN 14-MAY 10
 9237115 D MWF 10:00-10:50 SHEAFFER J
 MEETS: JAN 14-MAY 10
 9237005 1 R 12:10-2:00
 MEETS: JAN 14-MAY 10
 9237010 2 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 9237015 3 F 10:00-11:50
 MEETS: JAN 14-MAY 10
 9237020 4 W 10:00-11:50
 MEETS: JAN 14-MAY 10
 9237025 5 R 10:00-11:50
 MEETS: JAN 14-MAY 10
 9237030 6 R 2:10-4:00
 MEETS: JAN 14-MAY 10
 9237035 7 W 12:10-2:00
 MEETS: JAN 14-MAY 10
 9237040 8 R 8:00-9:50
 MEETS: JAN 14-MAY 10
 9237045 9 F 8:00-9:50
 MEETS: JAN 14-MAY 10
 9237050 10 R 6:10-8:00PM
 MEETS: JAN 14-MAY 10
 9237055 11 W 6:10-8:00PM
 MEETS: JAN 14-MAY 10
 9237060 12 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 9237065 13 F 12:10-2:00
 MEETS: JAN 14-MAY 10
 9237070 14 W 8:00-9:50
 MEETS: JAN 14-MAY 10
 9237075 15 W 2:10-4:00
 MEETS: JAN 14-MAY 10
 9237080 16 T 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 9237085 17 M 6:10-8:00PM
 MEETS: JAN 14-MAY 10

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 SHOULD DROP
 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 4:10-5:00 JIA Y
 MEETS: JAN 14-MAY 10
 9238105 B MWF 1:10-2:00 JIA Y
 MEETS: JAN 14-MAY 10
 9238005 1 R 10:00-10:50
 MEETS: JAN 14-MAY 10
 9238010 2 R 2:10-3:00
 MEETS: JAN 14-MAY 10
 9238015 3 R 1:10-2:00
 MEETS: JAN 14-MAY 10
 9238020 4 R 4:10-5:00
 MEETS: JAN 14-MAY 10
 9238025 5 R 3:10-4:00
 MEETS: JAN 14-MAY 10
 9238030 6 T 9:00-9:50
 MEETS: JAN 14-MAY 10

COMPUTER SCIENCE (CONTINUED)

INTRO DATA STRUCTUR COM S 228 3 CREDITS
 9238035 7 T 2:10-3:00
 MEETS: JAN 14-MAY 10
 9238040 8 T 10:00-10:50
 MEETS: JAN 14-MAY 10

DISCRETE CMP STRUCT COM S 230 3 CREDITS
 Prereq: C- OR BETTER IN COM S 227 AND MATH 165;
 ENGL 150
 4005005 A MWF 1:10-2:00 CHAUDHURI S
 MEETS: JAN 14-MAY 10
 4005010 B MWF 2:10-3:30 CHAUDHURI S
 MEETS: JAN 14-MAY 10
 4005100 1 R 9:00-9:50
 MEETS: JAN 14-MAY 10
 4005105 2 R 10:00-10:50
 MEETS: JAN 14-MAY 10
 4005110 3 R 11:00-11:50
 MEETS: JAN 14-MAY 10
 4005115 4 R 12:10-1:00
 MEETS: JAN 14-MAY 10
 4005120 5 R 2:10-3:00
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY COM S 290 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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.
 2681073 MC ARRANGED COHEN M
 MEETS: JAN 14-MAY 10

SOFTWR DEV PRACTCES COM S 309 3 CREDITS
 Prereq: COM S 228 WITH C- OR BETTER;
 MATH 165 WITH C- OR BETTER
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP
 THE COURSE DUE TO INCOMPLETE REGISTRATION.
 4438005 A MWF 2:10-3:00 MITRA S
 MEETS: JAN 14-MAY 10
 4438100 1 T 11:00-11:50
 MEETS: JAN 14-MAY 10
 4438105 2 T 1:10-2:00
 MEETS: JAN 14-MAY 10
 4438110 3 T 3:10-4:00
 MEETS: JAN 14-MAY 10

DSN&ANALYSIS ALGRTH COM S 311 3 CREDITS
 Prereq: MINIMUM OF A C- IN COM S 228;
 MATH 166, ENGL 150; COM S 230 OR CPR E 310
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP
 THE COURSE DUE TO INCOMPLETE REGISTRATION.
 2683100 A TR 2:10-3:25 FERNANDEZ-BACA D
 MEETS: JAN 14-MAY 10
 2683105 B TR 4:10-5:25 LIU K
 MEETS: JAN 14-MAY 10
 2683005 1 T 9:00-9:50
 MEETS: JAN 14-MAY 10
 2683010 2 T 10:00-10:50
 MEETS: JAN 14-MAY 10
 2683015 3 M 10:00-10:50
 MEETS: JAN 14-MAY 10
 2683020 4 M 10:00-10:50
 MEETS: JAN 14-MAY 10
 2683025 5 T 1:10-2:00
 MEETS: JAN 14-MAY 10
 2683030 6 W 9:00-9:50
 MEETS: JAN 14-MAY 10
 2683035 7 W 10:00-10:50
 MEETS: JAN 14-MAY 10
 2683040 8 W 1:10-2:00
 MEETS: JAN 14-MAY 10
 2683045 9 T 11:00-11:50
 MEETS: JAN 14-MAY 10

SFTWR CNSTR&USER IN COM S 319 3 CREDITS
 8537005 1 MWF 11:00-11:50 JANNESARI A
 MEETS: JAN 14-MAY 10

INTR CPTR ARCH&MACH COM S 321 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228,
 C- OR BETTER IN MATH 165, COM S 230 OR CPR E 281,
 ENGL 250
 2684005 A MWF 11:00-11:50 PRABHU G
 MEETS: JAN 14-MAY 10

COMPUTER SCIENCE (CONTINUED)

COMPUTER SCIENCE (CONTINUED)

C FOR PROGRAMMERS COM S 326X 1 CREDIT
 Prereq: MINIMUM OF C- IN COM S 228; COM S 230
 1592005 1 TR 12:40-1:55 BATINOV G
 MEETS: JAN 14-MARCH 8

ADV PROGRAMM TCHNQ COM S 327 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228,
 C- OR BETTER IN MATH 165
 2454005 1 MWF 3:10-4:00 SHEAFFER J
 MEETS: JAN 14-MAY 10

THEORY OF COMPUTING COM S 331 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228, MATH 166,
 AND IN COM S 230 OR CPR E 310; ENGL 250
 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.
 2686005 A MWF 10:00-10:50 LUTZ J
 MEETS: JAN 14-MAY 10
 2686100 1 T 9:00-9:50
 MEETS: JAN 14-MAY 10
 2686105 2 T 3:10-4:00
 MEETS: JAN 14-MAY 10
 2686110 3 T 10:00-10:50
 MEETS: JAN 14-MAY 10

PRIN PROGR LANGUAGS COM S 342 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228;
 C- OR BETTER IN MATH 165; COM S 230 OR CPR E 310
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP
 THE COURSE DUE TO INCOMPLETE REGISTRATION.
 2687005 A TR 2:10-3:30 BASU S
 MEETS: JAN 14-MAY 10
 2687100 1 W 9:00-9:50
 MEETS: JAN 14-MAY 10
 2687105 2 W 4:10-5:00
 MEETS: JAN 14-MAY 10
 2687015 3 W 11:00-11:50
 MEETS: JAN 14-MAY 10

NUMBER THEORY COM S 350 3 CREDITS
 Prereq: MATH 201 OR COM S 230
 5790005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

INTRO OPERATING SYS COM S 352 3 CREDITS
 Prereq: COM S 321, COM S 327, ENGL 250
 2688005 A MWF 2:10-3:00 WONG J
 R 8:00-8:50
 MEETS: JAN 14-MAY 10
 2688010 B MWF 2:10-3:00 WONG J
 R 1:10-2:00
 MEETS: JAN 14-MAY 10
 2688015 C MWF 9:00-9:50 BONAKDARPOUR B
 R 8:00-8:50
 MEETS: JAN 14-MAY 10
 2688020 D MWF 9:00-9:50 BONAKDARPOUR B
 R 1:10-2:00
 MEETS: JAN 14-MAY 10

OBJCT-ORIEN ANALY&D COM S 362 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228;
 C- OR BETTER IN MATH 165; ENGL 250
 2622005 1 MWF 10:00-10:50 WARD R
 MEETS: JAN 14-MAY 10

INTR DATABS MGT SYS COM S 363 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228;
 C- OR BETTER IN MATH 165; ENGL 250
 2689005 1 TR 12:40-1:55 GADIA S
 MEETS: JAN 14-MAY 10
 2689010 2 TR 9:30-10:50 TAVANAPONG W
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUCATN COM S 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Instructor permission required.
 2691005 1 ARRANGED
 MEETS: JAN 14-MAY 10

FORML MTHDS SFTWR E COM S 412 3 CREDITS
 Prereq: COM S 230 OR CPR E 310; COM S 311,
 STAT 330
 8536005 1 TR 3:40-4:55 MINER A
 MEETS: JAN 14-MAY 10

FNDTNS PROGRM ANLYS COM S 413X 3 CREDITS
 Prereq: COM S 331, COM S 342
 9917005 1 MW 11:00-12:15 LE W
 MEETS: JAN 14-MAY 10

SOFTWARE SYS SAFETY COM S 415 3 CREDITS
 Prereq: 309 OR 311, 342
 9214005 1 TR 9:30-10:50 LUTZ R
 MEETS: JAN 14-MAY 10

INTR CMPTNL GEOMTRY COM S 418 3 CREDITS
 Prereq: 311 OR INSTRUCTOR PERMISSION
 5952005 1 TR 9:30-10:50 JIA Y
 MEETS: JAN 14-MAY 10

ADVNCD PROGRM TOOLS COM S 430 3 CREDITS
 Prereq: 311, 362 OR 363, ENGL 250 OR ENGL 105,
 SP CM 212
 5833005 1 TR 12:40-2:00 KAUTZ S
 MEETS: JAN 14-MAY 10

CPTR GAME&MEDIA PRG COM S 437 3 CREDITS
 Prereq: COM S 336 OR PERMISSION OF INSTRUCTOR
 2793005 1 MW 2:10-3:25 LATHROP J
 MEETS: JAN 14-MAY 10

PRIN&PRACTC COMPILI COM S 440 3 CREDITS
 Prereq: COM S 331, COM S 342, ENGL 250, SP CM 212
 2695005 1 MWF 3:10-4:00 MINER A
 MEETS: JAN 14-MAY 10

PROGRAMNG LANGUAGES COM S 441 3 CREDITS
 6803005 1 T 6:10-9:25PM RAJAN H
 MEETS: JAN 14-MAY 10

PRIVCY ALGRTHM&DATA COM S 453X 3 CREDITS
 Prereq: COM S 311
 1627005 1 MWF 9:00-9:50 ROZIER E
 MEETS: JAN 14-MAY 10

DIST&NETWK OPER SYS COM S 454 3 CREDITS
 Prereq: 311, 352, ENGL 250 ENGL 105, SP CM 212
 2696005 1 TR 2:10-3:25 RUAN L
 MEETS: JAN 14-MAY 10

SIMULATN:ALG&IMPLEM COM S 455 3 CREDITS
 Prereq: COM S 311, COM S 230, STAT 330, ENGL 150,
 SP CM 212
 8123005 1 TR 12:40-1:55 BALBO G
 MEETS: JAN 14-MAY 10

INTRO MACHINE LRNG COM S 474 3 CREDITS
 Prereq: COM S 311, COM S 230 OR CPR E 310,
 STAT 330, MATH 165, ENGL 250, SP CM 212, COM S 342
 OR COMPARABLE PROGRAMMING EXPERIENCE
 2253005 1 MWF 10:00-10:50 DE BRABANTER K
 MEETS: JAN 14-MAY 10

MOTION STRATG ALGOR COM S 476X 3 CREDITS
 Prereq: ENGL 250, SP CM 212, COM S 311
 9983005 1 MWF 1:10-2:00 SONG G
 MEETS: JAN 14-MAY 10

NUMRC MTHDS DIFF EQ COM S 481 3 CREDITS
 Prereq: MATH 265 AND EITHER MATH 266 OR MATH 267
 2699005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

FUND CMPTR NETWRKNG COM S 486 3 CREDITS
 Prereq: 352
 5060005 1 TR 11:00-12:15 ZHANG W
 MEETS: JAN 14-MAY 10

NTWRK PROG,APPS,RES COM S 487 3 CREDITS
 Prereq: COM S 352 OR CPR E 489 OR EQUIVALENT
 2972005 1 MWF 1:10-2:00 CAI Y
 MEETS: JAN 14-MAY 10

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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV DSN&ANLY ALGTHM COM S 511 3 CREDITS
 Prereq: 311
 2706005 1 MWF 12:10-1:00 FERNANDEZ-BACA D
 MEETS: JAN 14-MAY 10

FORML MTHDS SFTWR E COM S 512 3 CREDITS
 Prereq: COM S 311; COM S 330; GRADUATE STANDING
 OR PERMISSION OF INSTRUCTOR
 2707005 1 TR 3:40-4:55 MINER A
 MEETS: JAN 14-MAY 10

COMPUTER SCIENCE (CONTINUED)

COMPUTER SCIENCE (CONTINUED)

FNDTNS PROGRM ANLYS COM S 513X 3 CREDITS
 Prereq: COM S 331, COM S 342
 9916005 1 MW 11:00-12:15 LE W
 MEETS: JAN 14-MAY 10

SOFTWARE SYS SAFETY COM S 515 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 6810005 1 TR 9:30-10:50 LUTZ R
 MEETS: JAN 14-MAY 10

INTR CMPTNL GEOMTRY COM S 518 3 CREDITS
 Prereq: COM S 311 OR PERMISSION OF INSTRUCTOR
 5866005 1 TR 9:30-10:50 JIA Y
 MEETS: JAN 14-MAY 10

NUM ANALY HI-P COMP COM S 525 3 CREDITS
 Prereq: CPR E 308 OR MATH 481; EXPERIENCE IN
 SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C
 2049005 1 TR 11:00-1:00
 MEETS: JAN 14-MAY 10

THEORY OF COMPUTATN COM S 531 3 CREDITS
 Prereq: 331
 2709005 1 MWF 9:00-9:50 SLUTZKI G
 MEETS: JAN 14-MAY 10

PRIN&PRACTC COMPILI COM S 540 3 CREDITS
 7181005 1 MWF 3:10-4:00 MINER A
 MEETS: JAN 14-MAY 10

PROGRAMNG LANGUAGES COM S 541 3 CREDITS
 Prereq: COM S 342 OR COM S 440; GRADUATE STANDING
 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO COM S MAJORS ONLY
 2711005 1 T 6:10-9:25PM RAJAN H
 W 5:10-6:00PM
 MEETS: JAN 14-MAY 10

DISTRIBUTED SYSTEMS COM S 554 3 CREDITS
 Prereq: COM S 311, COM S 352; GRADUATE
 STANDING OR PERMISSION OF INSTRUCTOR
 2714005 1 TR 2:10-3:25 RUAN L
 MEETS: JAN 14-MAY 10

SIMULATN:ALG&IMPLEM COM S 555 3 CREDITS
 Prereq: 311, 330, STAT 330
 8124005 1 TR 12:40-1:55 BALBO G
 MEETS: JAN 14-MAY 10

SEC&PRIVCY IN CLOUD COM S 559X 3 CREDITS
 Prereq: COM S 352 OR CPR E 308; COM S 486 OR
 CPR E 489 OR CPR E 530
 1746005 1 TR 2:10-3:25 ZHANG W
 MEETS: JAN 14-MAY 10

DATA-DRV SECUR&PRIV COM S 560X 3 CREDITS
 Prereq: CPR E 531; COM S 474 OR COM S 573
 6361005 1 MW 2:10-3:30
 MEETS: JAN 14-MAY 10

STAT BIOINFORMATICS COM S 568 3 CREDITS
 Prereq: BCB 567 OR BIOL 315 AND STAT 430;
 CREDIT OR ENROLLMENT IN GEN 409
 3310005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

SYSTEMS BIOLOGY 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 14-MAY 10

MACHINE LEARNING COM S 573 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 2660005 1 MWF 2:10-3:00 TIAN J
 MEETS: JAN 14-MAY 10

INTRO MACHINE LRNG COM S 574 3 CREDITS
 Prereq: COM S 311, COM S 230 OR CPR E 310,
 STAT 330, MATH 165, ENGL 250, SP CM 212, COM S 342
 OR COMPARABLE PROGRAMMING EXPERIENCE
 8483005 1 MWF 10:00-10:50 DE BRABANTER K
 MEETS: JAN 14-MAY 10

COMPUTATNL PERCEPTN COM S 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 3246005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

MOTION STRATG ALGOR COM S 576X 3 CREDITS
 Prereq: ENGL 250, SP CM 212, COM S 311
 9982005 1 MWF 1:10-2:00 SONG G
 MEETS: JAN 14-MAY 10

RECONFIG COMPTG SYS COM S 583 3 CREDITS
 Prereq: BACKGROUND IN COMPUTER ARCHITECTURE,
 DESIGN, AND ORGANIZATION
 7019005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

PRIN DIST&NETWK PRG COM S 587 3 CREDITS
 Prereq: COM S 352 OR CPR E 489 OR EQUIVALENT
 6143005 1 MWF 1:10-2:00 CAI Y
 MEETS: JAN 14-MAY 10

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 1 W 4:10-5:00
 MEETS: JAN 14-MAY 10

GRADUATE INTERNSHIP COM S 598 R CREDIT
 Prereq: GRADUATE CLASSIFICATION
 5627005 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 CMP CMLXTY COM S 631 3 CREDITS
 Prereq: COM S 531
 7910005 1 ARRANGED ADURI P
 MEETS: JAN 14-MAY 10

THEORY GAMES,UNCERT COM S 634 3 CREDITS
 Prereq: COM S 330
 8149005 1 MWF 10:00-10:50 SLUTZKI G
 MEETS: JAN 14-MAY 10

ADV TOPC DATABA SYS COM S 661 3 CREDITS
 Prereq: 461 OR 561
 2727005 1 TR 11:00-12:20 GADIA S
 MEETS: JAN 14-MAY 10

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

ORIENT TO PRO LIFE CON E 122 1 CREDIT
 5269005 1 R 4:10-6:00PM
 MEETS: JAN 14-MAY 10

CONTRACTR ORG & MGT CON E 222 3 CREDITS
 Prereq: COMPLETION OF BASIC PROGRAM
 2363005 1 MW 11:00-11:50
 M 4:10-6:00PM
 MEETS: JAN 14-MAY 10

CONSTR MATLS&METHDS CON E 241 3 CREDITS
 Prereq: COMPLETION OF BASIC PROGRAM
 Note: COURSE RESTRICTED TO CON E MAJORS ONLY
 2730005 1 MW 12:10-1:00
 R 8:00-10:50
 MEETS: JAN 14-MAY 10

MECH/ELEC MTRLS&MTH CON E 251 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 241
 2377005 1 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10

CON EQUIP&HVY C MTH CON E 322 3 CREDITS
 Prereq: CON E 222, AND CON E 241 OR C E 306
 2737005 1 T 12:10-2:00
 R 12:10-2:00
 MEETS: JAN 14-MAY 10

CONCRET&STEEL CONST CON E 340 3 CREDITS
 Prereq: E M 324, CON E 322
 2741005 1 M 4:10-6:00PM
 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10

MECHAN SYS IN BLDGS CON E 352 3 CREDITS
 Prereq: CON E 222, CON E 251, PHYS 222;
 OR PERMISSION OF INSTRUCTOR
 5313005 1 MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 14-MAY 10

ELECTR SYS IN BLDGS CON E 353 3 CREDITS
 Prereq: PHYS 222 AND CREDIT OR ENROLLMENT IN
 CON E 352; OR PERMISSION OF INSTRUCTOR
 5317005 1 MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 14-MAY 10

CONSTRUCTION ENGINEERING (CONTINUED)

CRIMINAL JUSTICE STUDIES (CONTINUED)

ENGINEERING LAW CON E 380 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 5102005 1A MW 3:10-4:30
 MEETS: JAN 14-MAY 10
 Note: SEC 1A FOR MAJORS OTHER THAN CON E
 5102010 1B MW 3:10-4:30
 MEETS: JAN 14-MAY 10
 Note: SEC 1B FOR CON E MAJORS ONLY

WHITE-COLLAR CRIME CJ ST 402 3 CREDITS
 Prereq: CJ ST 241 OR SOC 241 OR CJ ST 240
 8482005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

DRUGS AND CRIME CJ ST 405X 3 CREDITS
 Prereq: CJ ST 240
 9548005 A MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

CRIM & JUV JUST PRAC CJ ST 460 3-12 CREDITS
 Prereq: JR OR SR CLASSIFICATION; PERMISSION
 OF CJ ST COORDINATOR; MAJOR OR MINOR IN CJ ST
 Note: NO MORE THAN 9 CREDITS OF SOC 460/CJ ST 460
 MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN
 SOC 460/CJ ST 460 MAY BE USED TO SATISFY MINIMUM
 SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
 Satisfactory-Fail Only.
 2581005 A ARRANGED
 MEETS: JAN 14-MAY 10

TOPIC CRIM&JUV JUST CJ ST 484 3 CREDITS
 Prereq: 6 CREDITS IN CJ ST AND PERMISSION OF
 INSTRUCTOR
 2624005 A M 5:30-8:30PM
 MEETS: JAN 14-MAY 10
 Note: SEC A TOPIC CORRECTIONAL TREATMENT &
 SUPERVISION

2624010 B MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC B TOPIC MOCK TRIAL

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 14-MAY 10
 Note: SEC 1 RESTRICTED TO EL ED MAJORS ONLY

3015010 2 TR 11:00-11:50
 W 10:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 2 RESTRICTED TO EL ED & ECE MAJORS ONLY

3015015 3 TR 11:00-11:50
 W 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO EL ED MAJORS ONLY

3015020 4 TR 11:00-11:50
 R 12:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 4 RESTRICTED TO EL ED MAJORS ONLY

3015025 5 TR 11:00-11:50
 M 12:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 5 RESTRICTED TO EL ED MAJORS ONLY

3015030 6 TR 11:00-11:50
 T 9:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 6 RESTRICTED TO EL ED MAJORS ONLY

3015035 7 TR 11:00-11:50
 R 9:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 7 RESTRICTED TO EL ED & ECE MAJORS ONLY

7-12 CLASSRM TECNOL C I 202 3 CREDITS
 Note: FOR SECONDARY EDUCATION MAJORS ONLY
 2464005 1 TR 2:10-3:00
 R 3:10-5:00
 MEETS: JAN 14-MAY 10

Note: SEC 1 RESTRICTED TO A TR, DANCE, D EXA,
 D EXH, KIN H, P ATR, PDEXA, PDEX H MAJORS ONLY
 2464010 2 TR 2:10-3:00
 F 8:00-9:50
 MEETS: JAN 14-MAY 10

Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN
 A TR, DANCE, D EXA, D EXH, ENGL, HIST, KIN H,
 P ATR, PDEXA, PDEXH, WLC
 2464015 3 TR 2:10-3:00
 F 10:00-11:50
 MEETS: JAN 14-MAY 10

Note: SEC 3 RESTRICTED TO MAJORS OTHER THAN
 A TR, DANCE, D EXA, D EXH, ENGL, HIST, KIN H,
 P ATR, PDEXA, PDEXH, WLC
 2464020 4 TR 2:10-3:00
 F 12:10-2:00
 MEETS: JAN 14-MAY 10

Note: SEC 4 RESTRICTED TO ENGL, HIST, WLC MAJORS ONLY
 2464025 5 TR 2:10-3:00
 F 2:10-4:00
 MEETS: JAN 14-MAY 10

Note: SEC 5 RESTRICTED TO ENGL, HIST, WLC MAJORS ONLY

SOC FOUND SEC DRY ED C I 204 3 CREDITS
 6278005 1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10
 6278010 2 TR 2:10-3:25
 MEETS: JAN 14-MAY 10
 6278015 3 MW 2:10-3:25
 MEETS: JAN 14-MAY 10
 6278020 4 TR 12:40-1:55
 MEETS: JAN 14-MAY 10
 6278025 5 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

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 COST EST&ENG CON E 422 3 CREDITS
 Prereq: CON E 241, CON E 251, I E 305
 2747005 1 T 11:00-12:50
 R 11:00-12:50
 MEETS: JAN 14-MAY 10

CON PLAN, SCHED, CNTL CON E 441 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CON E 422
 2742005 1 MW 11:00-11:50
 T 9:00-10:50
 MEETS: JAN 14-MAY 10

CONSTRUC E DESIGN I CON E 487 3 CREDITS
 Prereq: CON E 340 (B,H), CON E 352 (B,E,M),
 CON E 353 (B,E,M), CON E 422, CON E 441. STUDENT
 MUST BE WITHIN TWO SEMESTERS OF GRADUATING.
 7639005 1 MF 12:10-1:00
 T 11:00-1:00, ARRANGED
 MEETS: JAN 14-MAY 10
 7639010 2 MF 12:10-1:00
 T 3:10-5:00, ARRANGED
 MEETS: JAN 14-MAY 10
 7639015 3 MF 12:10-1:00
 R 11:00-1:00, ARRANGED
 MEETS: JAN 14-MAY 10

CON ENGR DESIGN II CON E 488 3 CREDITS
 Prereq: CON E 340 (B,H), CON E 352 (B,E,M),
 CON E 353 (B,E,M), CON E 422, CON E 441. STUDENT
 MUST BE WITHIN TWO SEMESTERS OF GRADUATING.
 7524005 1 M 9:00-9:50
 M 10:00-10:50
 WF 9:00-10:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY CON E 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRIMINAL JUSTICE STUDIES

INTR CRIMINL JUSTIC CJ ST 240 3 CREDITS
 4719005 A1 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO CJ ST, INDIS,
 SOC MAJORS ONLY
 4719010 A2 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN CJ ST, INDIS,
 SOC

YOUTH & CRIME CJ ST 241 3 CREDITS
 2576005 A TR 11:00-12:20
 MEETS: JAN 14-MAY 10

AMER JUDICIAL PROC CJ ST 320 3 CREDITS
 Prereq: POL S 215
 2577005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO POL S, CJ ST,
 INDIS MAJORS ONLY

PHILOSOPHY OF LAW CJ ST 332 3 CREDITS
 Prereq: PHIL 201 OR 230
 Note: Instructor permission required 1st week.
 2578005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

DEVIANT & CRIM BEHAV CJ ST 340 3 CREDITS
 Prereq: SOC 134 OR CJ ST 240
 2579005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

CRIMINOLOGY CJ ST 341 3 CREDITS
 Prereq: CJ ST 240
 3175005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

PNISH, CORECTN & SOCIE CJ ST 352 3 CREDITS
 Prereq: 240 OR 241
 7762005 A TR 8:00-9:20
 MEETS: JAN 14-MAY 10

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

SOCL FOUND EDU:ELEM C I 205 3 CREDITS
 6178005 1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10
 6178010 2 TR 9:30-10:45
 MEETS: JAN 14-MAY 10
 6178015 3 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 6178020 4 MW 2:10-3:25
 MEETS: JAN 14-MAY 10

ECE TEACHER ORIENTN C I 208 1 CREDIT
 Prereq: CLASSIFICATION AS AN ECE MAJOR
 Note: COURSE RESTRICTED TO ECE MAJORS ONLY
 Satisfactory-Fail Only.
 4389005 1 W 1:10-2:00
 MEETS: JAN 14-MAY 10

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
 Satisfactory-Fail Only.
 1863005 1 W 12:10-1:00
 MEETS: JAN 14-MAY 10

STRATEGIES IN TCHNG C I 245 3 CREDITS
 Prereq: C I 205, SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY
 3238005 1 MW 10:00-11:50
 MEETS: JAN 14-MAY 10
 3238010 2 MW 12:10-2:00
 MEETS: JAN 14-MAY 10
 3238015 3 MW 2:10-4:00
 MEETS: JAN 14-MAY 10
 3238020 4 TR 10:00-11:50
 MEETS: JAN 14-MAY 10
 3238025 5 TR 12:10-2:00
 MEETS: JAN 14-MAY 10
 3238030 6 TR 2:10-4:00
 MEETS: JAN 14-MAY 10
 3238035 7 MW 8:00-9:50
 MEETS: JAN 14-MAY 10

EXPERNCE I:CORE EXP C I 280A 1- 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 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, ARRANGED
 MEETS: JAN 14-MAY 10
 6279010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 2 STUDENT MUST HAVE PREVIOUSLY COMPLETED A
 C I 280A
 Instructor permission required.

EXP I:LRNG TECNOLGS C I 280B 1- 2 CREDITS
 Prereq: C I 201 OR C I 202. FOR 2 CREDIT
 ENROLLMENT PERMISSION OF INSTRUCTOR IS REQUIRED.
 Satisfactory-Fail Only.
 6280005 1 ARRANGED
 MEETS: JAN 14-MAY 10

EXPNC I:MATH CLINIC C I 280J 1 CREDIT
 Satisfactory-Fail Only.
 2289005 1 TR 3:10-5:00
 MEETS: JAN 14-MAY 10

PRE-TCH EXP I:MUSIC C I 280K .5 CREDIT
 Satisfactory-Fail Only.
 5673005 1 ARRANGED
 MEETS: JAN 14-MAY 10

EXPRN I:SECNDRY ED C I 280L .5 CREDIT
 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 14-MAY 10
 Note: SEC 1 OFFERED FOR .5 CREDIT SPRING 2019

EXPRN I:SECNDY SCI C I 280M 1- 2 CREDITS
 Prereq: FOR 2 CREDITS - PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 8266005 1 MW 8:00-8:50, ARRANGED
 MEETS: JAN 14-MAY 10

EXPER I:LRNG CMUNTY C I 280N 1 CREDIT
 Satisfactory-Fail Only.
 7710005 1 W 2:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10

EXPERIENC I: ART ED C I 280O 1 CREDIT
 Satisfactory-Fail Only.
 1904005 1 ARRANGED
 MEETS: JAN 14-MAY 10

PRE-TCH EXPRC I:ESL C I 280S 1 CREDIT
 Prereq: ADMISSION TO THE EDUCATOR PREP PROGRAM
 Satisfactory-Fail Only.
 7941005 1 ARRANGED
 MEETS: JAN 14-MAY 10

EXPERNC I:TUTORING C I 280T 1 CREDIT
 Satisfactory-Fail Only.
 9375005 1 TR 3:10-4:50
 MEETS: JAN 14-MAY 10

PRIN&PRC DIGTL LRNG C I 302 3 CREDITS
 Prereq: C I 201 OR C I 202
 6289005 1 W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

TRANSFR ORIENTATION C I 315 1 CREDIT
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 3250005 1 TR 8:00-8:50
 MEETS: JAN 15-APRIL 4

ED PSYCH YNG LEARNR C I 332 3 CREDITS
 Prereq: PSYCH 230 OR HD FS 102
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY.
 2635005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

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 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

TOYING WITH TECHNOL C I 370X 3 CREDITS
 Prereq: C I 201 OR C I 202
 9631005 1 TR 1:10-3:00
 MEETS: JAN 14-MAY 10
 9631010 2 T 5:10-8:00PM
 MEETS: JAN 14-MAY 10

RDG&LANG ARTS K-3RD C I 377 4 CREDITS
 Prereq: C I 245, SP ED 250, HD FS 240 (ECE MAJ)
 CONCURRENT ENROLLMENT IN C I 405, C I 448, C I 468A,
 C I 468C (EL ED) OR C I 438, C I 468F, C I 468G,
 SP ED 368, ADMISSION TO TEACHER EDUC 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 EDUCATOR PREP PROGRAM
 STUDENT MUST ENROLL IN SAME SECTION NUMBER OF CI 405
 & 448. NO MEETINGS MARCH 25-APRIL 17
 2066005 1 MW 8:00-10:30
 MEETS: JAN 14-MAY 10
 2066010 2 MW 11:00-1:30
 MEETS: JAN 14-MAY 10
 2066015 3 MW 2:10-4:40
 MEETS: JAN 14-MAY 10
 2066020 4 MW 11:00-1:30
 MEETS: JAN 14-MAY 10
 2066025 5 MW 2:10-4:40
 MEETS: JAN 14-MAY 10

RDG&LANG ARTS 4TH-6 C I 378 4 CREDITS
 Prereq: C I 377; CONCURRENT ENROLLMENT IN
 C I 449, C I 468B, C I 468D, AND C I 443
 Note: MUST ENROLL N SAME SECTIONS OF 443 & 449.
 NO MEETINGS FEB 19-MARCH 14
 Department permission required 1st week.
 2078005 1 TR 8:00-10:30
 MEETS: JAN 14-MAY 10
 2078010 2 TR 11:00-1:30
 MEETS: JAN 14-MAY 10
 2078015 3 TR 2:10-4:40
 MEETS: JAN 14-MAY 10
 2078020 4 TR 8:00-10:30
 MEETS: JAN 14-MAY 10
 2078025 5 TR 11:00-1:30
 MEETS: JAN 14-MAY 10

TCHG DISCPN LITERCY C I 395 3 CREDITS
 Prereq: C I 204 AND JUNIOR CLASSIFICATION
 9656005 1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

SOC JUSTC ED:ECE&EL C I 405 3 CREDITS
 Prereq: C I 201, C I 332, JUNIOR CLASSIFICATION,
 ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: Meets U.S. diversity reqmt
 8300005 1 MW 11:00-12:50
 MEETS: JAN 14-MAY 10
 8300010 2 MW 2:10-4:00
 MEETS: JAN 14-MAY 10
 8300015 3 MW 9:00-10:50
 MEETS: JAN 14-MAY 10
 8300020 4 MW 2:10-4:00
 MEETS: JAN 14-MAY 10
 8300025 5 MW 9:00-10:50
 MEETS: JAN 14-MAY 10

CURRICULUM & INSTRUCTION (CONTINUED)

SOCIAL JUSTC ED:SEC C I 406 3 CREDITS
 Prereq: C I 201 OR C I 202, C I 332 OR C I 333.
 JUNIOR CLASSIFICATION IN SECONDARY OR K-12 EDUC
 PROGRAMS; ADMISSION TO TEACHER PREP PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY EDUCATOR PREP PROGRAM
 Meets U.S. diversity reqmt
 6292005 1 MW 3:40-4:55
 MEETS: JAN 14-MAY 10
 6292010 2 TR 3:40-4:55
 MEETS: JAN 14-MAY 10
 6292015 3 R 5:10-8:00PM
 MEETS: JAN 14-MAY 10

SUPV STDT TCHG: K-3 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 EDUCATOR PREP PROGRAM
 COURSE OFFERED FOR 8 CREDITS SPRING 2019
 Department permission required 1st week.
 5054005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5054015 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5054010 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 5054020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

SUPV TCHG:GRADES4-6 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
 ADMISSION TO THE EDUCATOR PREP PROGRAM
 COURSE OFFERED FOR 8 CREDITS SPRING 2019
 Department permission required 1st week.
 5056005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5056015 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5056014 1S ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1S OFFERED FOR 8 CREDITS SPRING 2019
 FOR STUDENTS IN TRINET PROGRAM
 5056010 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 5056020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 5056025 2S ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2S OFFERED FOR 8 CREDITS SPRING 2019
 FOR STUDENTS IN TRINET PROGRAM

SUPV 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
 ADMISSION TO EDUCATOR PREP PROGRAM
 COURSE OFFERED FOR 8 CREDITS SPRING 2019
 5057005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5057010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5057020 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 5057025 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

CURRICULUM & INSTRUCTION (CONTINUED)

SUPV 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 2019
 5053005 1 ARRANGED
 MEETS: MARCH 11-MAY 10

SUPV 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 2019
 6824005 1 ARRANGED
 MEETS: MARCH 11-MAY 10

SUPV TCHG: ESL ELEM C I 416Z VAR. CREDITS
 Note: COURSE ONLY OFFERED FOR 8 CREDITS SPRING 2019
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE EDUCATOR PREP PROGRAM
 9510005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9510010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9510015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 9510020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STDT TCH SOC ST MID C I 417A VAR. CREDITS
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE EDUCATOR PREP PROGRAM
 8046005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 8046010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 8046020 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 8046025 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

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 ADMISSION
 TO THE EDUCATOR PREP PROGRAM
 9044005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9044010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9044015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 9044020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

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 ADMISSION
 TO THE EDUCATOR PREP PROGRAM
 9045005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9045010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9045015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 9045020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

CURRICULUM & INSTRUCTION (CONTINUED)

STUDNT TCH BIOL SCI C I 417D VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9046005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9046010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9046015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 9046020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

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 ADMISSION
 TO THE EDUCATOR PREP PROGRAM
 9047005 1 ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1 OFFERED FOR 8 CREDITS
 9047010 2 ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 1 OFFERED FOR 8 CREDITS
 9047015 3 ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 3 OFFERED FOR 8 CREDITS
 9047020 4 ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 4 OFFERED FOR 8 CREDITS
 9047025 5 ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 5 OFFERED FOR 8 CREDITS
 9047030 6 ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 6 OFFERED FOR 8 CREDITS
 9047035 7 ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 7 OFFERED FOR 8 CREDITS
 9047040 8 ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 8 OFFERED FOR 8 CREDITS

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 ADMISSION
 TO THE EDUCATOR PREP PROGRAM
 9049005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9049010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9049015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 9049020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STDNT TCH EARTH SCI C I 417J VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9051005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9051010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9051015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 9051020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STDNT TCH BASIC SCI C I 417M VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9054005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9054010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9054015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA

CURRICULUM & INSTRUCTION (CONTINUED)

STDNT TCH BASIC SCI C I 417M VAR. CREDITS
 THE LAST 8 WEEKS OF THE SEMESTER.
 9054020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STDT TCH SOC STU HS C I 417P VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 8612005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 8612010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 8612015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 8612020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STUDNT TCH ELEM MUS C I 417R VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2019
 6702005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 6702010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 6702015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 6702020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STUDNT TCHG SEC MUS C I 417S VAR. CREDITS
 6682005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 6682010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 6682015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 6682020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STDNT TCH ESL SECYD C I 417Z VAR. CREDITS
 9512005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9512010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9512015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 9512020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

SECNDY SCI METHD II C I 419 3 CREDITS
 Prereq: 347,280M,418; CONCURRENT ENROLLMT IN 468K
 9019005 1 W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

PRINCIPLS SECNDY ED C I 426 3 CREDITS
 Prereq: SENIOR CLASSIFICATION, ADMISSION TO
 TEACHER EDUCATION PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE EDUCATOR PREP PROGRAM
 6293005 1 W 5:30-8:20PM
 MEETS: JAN 14-MAY 10
 6293010 2 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

CURRICULUM & INSTRUCTION (CONTINUED)

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, C I 468I
 Note: NO MEETINGS FEB 19 TO MARCH 14
 4487005 1 W 8:00-10:30
 MEETS: JAN 14-MAY 10

MATH IN PRIMRY GRDS C I 438 2 CREDITS
 Prereq: C+ OR BETTER IN MATH 195 AND MATH 196. CONCURRENT ENROLLMENT IN C I 377, C I 468F, C I 468G, AND SP ED 368.
 Note: NO MEETINGS MARCH 25-APRIL 17
 4489005 1 MW 12:10-1:30
 MEETS: JAN 14-MAY 10

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
 Note: NO MEETING FEB 19-MARCH 14
 4491005 1 M 1:40-4:20
 MEETS: JAN 14-MAY 10

TCHG OF SOC STUDIES C I 443 3 CREDITS
 Prereq: C I 377; CONCURRENT ENROLLMENT IN C I 378, C I 449, C I 468B, C I 468D (EL ED MAJORS)
 Note: MUST ENROLL N SAME SECTIONS OF 378 & 449. NO MEETINGS FEB 19-MARCH 14
 Department permission required 1st week.
 3258005 1 TR 1:10-3:00
 MEETS: JAN 14-MAY 10
 Note: ALSO REGISTER FOR CI 449 SEC 1
 3258010 2 TR 9:00-10:50
 MEETS: JAN 14-MAY 10
 Note: ALSO REGISTER FOR CI 449 SEC 2
 3258015 3 TR 11:00-12:50
 MEETS: JAN 14-MAY 10
 Note: ALSO REGISTER FOR CI 449 SEC 3
 3258020 4 TR 1:10-3:00
 MEETS: JAN 14-MAY 10
 Note: ALSO REGISTER FOR CI 449 SEC 4
 3258025 5 TR 9:00-10:50
 MEETS: JAN 14-MAY 10
 Note: ALSO REGISTER FOR CI 449 SEC 5

TCHNG CHILDREN MATH C I 448 3 CREDITS
 Prereq: MATH 195 (C- OR BETTER), MATH 196 (C- OR BETTER); CONCURRENT ENROLLMENT IN C I 377, C I 468A, C I 468C, C I 405 (EL ED MAJORS) OR C I 377, C I 468F,G, SP ED 368 (ECE MAJORS)
 Note: NO MEETINGS MARCH 25-APRIL 17
 RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE EDUCATOR PREP PROGRAM
 3260005 1 MW 1:10-3:00
 MEETS: JAN 14-MAY 10
 3260010 2 MW 9:00-10:50
 MEETS: JAN 14-MAY 10
 3260015 3 MW 11:00-12:50
 MEETS: JAN 14-MAY 10
 3260020 4 MW 9:00-10:50
 MEETS: JAN 14-MAY 10
 3260025 5 MW 11:00-12:50
 MEETS: JAN 14-MAY 10

TEACHING OF SCIENCE C I 449 3 CREDITS
 Prereq: C I 377. CONCURRENT ENROLLMENT IN C I 378, C I 468B, C I 468D, AND C I 443.
 Note: COURSE RESTRICTED TO EL ED MAJORS ONLY. MUST ENROLL N SAME SECTIONS OF 378 & 443. NO MEETINGS FEB 19-MARCH 14
 Department permission required 1st week.
 3261005 1 TR 11:00-12:50
 MEETS: JAN 14-MAY 10
 Note: ALSO REGISTER FOR C I 378/443 SEC 1
 3261010 2 TR 2:10-4:00
 MEETS: JAN 14-MAY 10
 Note: ALSO REGISTER FOR C I 378/443 SEC 2
 3261015 3 TR 9:00-10:50
 MEETS: JAN 14-MAY 10
 Note: ALSO REGISTER FOR C I 378/443 SEC 3
 3261020 4 TR 11:00-12:50
 MEETS: JAN 14-MAY 10
 Note: ALSO REGISTER FOR C I 378/443 SEC 4
 3261025 5 TR 2:10-4:00
 MEETS: JAN 14-MAY 10
 Note: ALSO REGISTER FOR C I 378/443 SEC 5

LITERCY&LRNG ASESMT C I 452 3 CREDITS
 Prereq: C I 378 OR EQUIVALENT
 Note: CONCURRENT ENROLLMENT IN SAME SECTION OF 488
 6584005 1 TR 5:10-8:30PM
 MEETS: JAN 14-MAY 10
 Note: SEC 1 DUFFELMEYER READING CLINIC FEB 12-APRIL 18
 6584010 2 TR 5:10-8:30PM
 MEETS: JAN 14-MAY 10
 Note: SEC 2 DUFFELMEYER READING CLINIC FEB 12-APRIL 18
 6584015 3 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 3 AMES SCHOOLS READING CLINIC

CURRICULUM & INSTRUCTION (CONTINUED)

EMERG TOPC DGTL TEC C I 454 1- 3 CREDITS
 Prereq: 201 OR 202
 9436005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1: EFFECTIVE SOCIAL MEDIA USE FOR EDUCATORS
 9436010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 2 MARKERSPACE IN EDUCATION

LITRCY INTGRAT TECH C I 456 3 CREDITS
 Prereq: 201 OR 202, 377
 Note: Department permission required 1st week.
 3257005 1 W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

EXP II:PRI RDG&LANG C I 468A 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: TAKE CONCURRENTLY WITH C I 377, 448 & 468C. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE EDUCATOR PREP PROGRAM. RESTRICTED TO EL ED MAJORS ONLY. MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS IN SCHOOL MEETING DATES MARCH 25-APRIL 17
 Satisfactory-Fail Only.
 3265005 1 MW 7:30-4:30, ARRANGED
 MEETS: JAN 14-MAY 10

EXP II:RDG&LANG 4-6 C I 468B 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 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. MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS IN SCHOOL MEETING DATES FEB 19-MARCH 14
 Satisfactory-Fail Only.
 3266005 1 TR 7:30-4:30, ARRANGED
 MEETS: JAN 14-MAY 10

EXP II:MATH PRIMARY C I 468C 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2018. TAKE CONCURRENTLY WITH 377, 448. RESTRICTED TO WITH FULL TO THE EDUCATOR PREP PROGRAM. RESTRICTED TO EL ED MAJORS ONLY. IN SCHOOL MEETING DATES MARCH 25-APRIL 27
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Department permission required 1st week.
 Satisfactory-Fail Only.
 3267005 1 MW 7:30-4:30, ARRANGED
 MEETS: JAN 14-MAY 10

EXPRNCE II: SCI 4-6 C I 468D 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2018. TAKE CONCURRENTLY WITH 378,449,468B. REQUIRED RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE EDUCATOR PREP PROGRAM. RESTRICTED TO EL ED MAJORS. IN SCHOOL MEETING DATES FEB 19-MARCH 14
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Department permission required 1st week.
 Satisfactory-Fail Only.
 3268005 1 TR 7:30-4:30, ARRANGED
 MEETS: JAN 14-MAY 10

EXP II:LITRCY PRMRY C I 468F 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE EDUCATOR PREP PROGRAM. MEETING MARCH 25-APRIL 17
 Satisfactory-Fail Only.
 4518005 1 MW 7:30-4:30, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: TAKE CONCURRENTLY WITH 377, 448, 405

EXP II:MATH PRIMARY C I 468G 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: TAKE CONCURRENTLY WITH C I 377, 438, 468F, & 405 SP ED 368. RESTRICTED TO STUDENTS WITH FULL TO THE EDUCATOR PREP PROGRAM. MEETING MARCH 25-APRIL 17
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Satisfactory-Fail Only.
 4524005 1 MW 7:30-4:30, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: TAKE CONCURRENTLY WITH 377, 368, 438, 468G

EXPER II:SCI PRIMRY C I 468I 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: TAKE CONCURRENTLY WITH C I 433 439 & 458 SP ED 355, 455. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE EDUCATOR PREP PROGRAM. MEETING MARCH FEB 18-MARCH 13
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Satisfactory-Fail Only.
 4528005 1 MW 12:10-4:30
 ARRANGED
 MEETS: JAN 14-MAY 10

CURRICULUM & INSTRUCTION (CONTINUED)

EXPER II: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 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Professional support, field trips &/or
 travel fee \$100.00

EXP II:READ ENDORSE C I 468R 1 CREDIT
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; PERMISSION OF SCHOOL OF EDUCATION
 REQUIRED; CONCURRENT ENROLLMENT IN C I 378
 Note: MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 MEETING FEB 19-MARCH 14
 Department permission required 1st week.
 Satisfactory-Fail Only.
 4300005 1 TR 7:30-12:30
 MEETS: JAN 14-MAY 10

EXPERC III:HIST/SOC C I 480A 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2019.
 6581005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Professional support, field trips &/or
 travel fee \$90.00

EXPERNC III:ENGLISH C I 480E 1- 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 5062005 1 ARRANGED
 MEETS: JAN 14-MAY 10

EXPERNCE III: MUSIC C I 480K 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2019
 Satisfactory-Fail Only.
 9064005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Professional support fee \$25.00

EXPERIENCE III: ESL C I 480S 2 CREDITS
 Prereq: C I 280S; ENGL 219 OR LING 219;
 ENGL 511 OR LING 511; ENGL 220 OR LING 220; FULL
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 7955005 1 ARRANGED
 MEETS: JAN 14-MAY 10

SUPVS TUTOR READING C I 488 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN OR COMPLETION
 OF ONE COURSE IN CORRECTIVE READING; DIAGNOSIS AND
 CORRECTION OF READING PROBLEMS
 Note: MUST BE ENROLLED IN SAME SEC OF CI 452
 MEETING FEB 12-APRIL 18
 MUST BE ENROLLED IN SAME SEC OF CI 452
 9461005 1 TR 3:30-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1 DUFFELMEYER READING CLINIC
 9461010 2 TR 5:10-8:30PM
 MEETS: JAN 14-MAY 10
 Note: SEC 2 DUFFELMEYER READING CLINIC
 Materials and equipment use fee \$25.00
 9461015 3 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 3 READING CLINIC IN AMES SCHOOLS
 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

CURRICULUM & INSTRUCTION (CONTINUED)

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

INDEP STDY SCI EDUC C I 490P 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACH LIT SECONDARY C I 494 3 CREDITS
 Prereq: ENGL 310, 397, 9 OTHER CREDITS IN ENGLISH
 BEYOND 250, PSYCH 333, ADMISSION TO TEACHER EDUC PROG
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 6305005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10

TEACHING SPEECH C I 495B 3 CREDITS
 Prereq: SP CM 313; 9 CREDITS IN SP CM;
 MINIMUM GPA OF 2.50 IN SP CM COURSES
 7217005 A ARRANGED
 MEETS: JAN 14-MAY 10

MTHDS TCHG HIST/SOC C I 498 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN 480A; ADMISSION
 TO TEACHER EDUC; 30 CREDITS IN SUBJECT-MATTER FIELD
 8504005 1 F 1:10-4:00
 MEETS: JAN 14-MAY 10

EVAL DGTL LRN ENVIR C I 504 3 CREDITS
 Prereq: 501
 2795005 1 M 5:10-8:00PM
 MEETS: JAN 14-MAY 10

TCHNOL IN TEACH&LRN C I 505 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2796005 1 W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

ALGEBRA K-12 CLSRMS C I 508 3 CREDITS
 Prereq: 6 CREDITS OF MATH; CREDIT OR ENROLLMENT
 IN C I 448 OR C I 497 OR C I 597
 7172005 1 M 5:10-8:00PM
 MEETS: JAN 14-MAY 10

FOUND GAME-BSD LRNG C I 510X 3 CREDITS
 Prereq: 12 GRADUATE CREDITS
 3747005 1 T 5:10-8:00PM
 MEETS: JAN 14-MAY 10

ACTION RESRCH IN ED C I 515 3 CREDITS
 Prereq: ADMISSION TO GRAD STUDY, ONE COURSE IN
 RESEARCH METHODS, EDUCATIONAL INQUIRY, STATISTICS,
 EDUCATIONAL PSYCHOLOGY, OR INSTRUCTIONAL DESIGN
 1901005 1 ARRANGED
 MEETS: JAN 14-MAY 10

STUDNT TCH PHYS SCI C I 517B VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2460005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2460010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2460015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 2460020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

CURRICULUM & INSTRUCTION (CONTINUED)

STUDNT TEACHNG MATH C I 517C VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2466005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2466010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2466015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 2466020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STUDNT TCH BIOL SCI C I 517D VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2475005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2475010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2475015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 2475020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STDNT TCH:EARTH SCI C I 517J VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2476005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2476010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2476015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 2476020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STDNT TCH:BASIC SCI C I 517M VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2480005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2480010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2480015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 2480020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

SECDY SCI METHDS II C I 519 3 CREDITS
 Prereq: 418 OR 518, CONCURRENT ENROLLMENT IN 591D
 2575005 1 W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

CURRICULUM & INSTRUCTION (CONTINUED)

PRIN SECONDARY EDUC C I 526 3 CREDITS
 Prereq: SENIOR CLASSIFICATION, ADMISSION TO
 TEACHER EDUCATION PROGRAM
 Note: MUST TAKE CONCURRENTLY WITH CI 415
 7724010 2 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

CORRECTIVE READING C I 552 3 CREDITS
 Prereq: C I 378 OR EQUIV
 Note: DUFFELMEYER READING CLINIC
 MEETING FEB 12-APRIL 18
 MUST TO BE ENROLLED IN SEC 1 OF C I 588
 3276005 1 TR 5:10-8:30PM
 MEETS: JAN 14-MAY 10

RDG&RSPND CHILD LIT C I 554 3 CREDITS
 Prereq: SENIOR STATUS OR TEACHING LICENSE
 1672005 1 M 5:30-8:30PM
 MEETS: JAN 14-MAY 10
 1672010 2 W 5:30-8:30PM
 MEETS: JAN 14-MAY 10

LITRCY POLCY&PRACTC C I 565 3 CREDITS
 Prereq: GRADUATE STANDING
 9571005 1 ARRANGED
 MEETS: JAN 14-MAY 10

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.
 DUFFELMEYER READING CLINIC
 MEETING FEB 12-APRIL 18
 CONCURRENT ENROLLMENT IN SAME SEC OF C I 552
 9245005 1 TR 5:10-8:30PM
 MEETS: JAN 14-MAY 10
 Note: Materials and equipment use fee \$25.00

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 ED SOC JUSTC 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 SECND SCI C I 591D 1- 4 CREDITS
 Prereq: 15 GRADUATE CREDITS IN SPECIALTY AREA;
 FULL ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2019.
 5058005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1 FOR SCIENCE STUDENTS
 5058010 2 ARRANGED
 MEETS: JAN 14-MAY 10

EXPERC:SECD MATH ED C I 591G 1- 4 CREDITS
 Prereq: 15 GRADUATE CREDITS IN SPECIALTY AREA;
 FULL ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: COURSE OFFERED FOR 2-4 CREDITS SPRING 2019
 2017005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.
 2017010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

CURRICULUM & INSTRUCTION (CONTINUED)

SUPV EXPERC:LITERCY C I 591M 1- 6 CREDITS
 Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA
 Note: OFFERED FOR 2 CREDITS SPRING 2019
 9156005 1 ARRANGED
 MEETS: JAN 14-MAY 10

EXPERC:COLLEGE TCHG C I 591N 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

READING & LITERACY C I 595 3 CREDITS
 Prereq: GRADUATE STATUS AND TEACHING LICENSE
 2932005 1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

CRTV COMP CURRICULUM 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

CRTV COMP LITERC ED C I 599M 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV LRN ENVIR DSIGN C I 603 3 CREDITS
 Prereq: 503
 2926005 1 W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

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 SOC JUS 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

CURRICULUM & INSTRUCTION (CONTINUED)

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

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 14-MAY 10

BALLET I DANCE 130 1 CREDIT
 Satisfactory-Fail Only.
 2839005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

JAZZ I DANCE 140 1 CREDIT
 Satisfactory-Fail Only.
 2840005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

BALLROOM DANCE I DANCE 160 1 CREDIT
 Satisfactory-Fail Only.
 2842005 1 TR 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1 FOR MEN ONLY. MEETS WITH SEC 2
 2842010 2 TR 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 2 FOR WOMEN ONLY. MEETS WITH SEC 1
 2842015 3 TR 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 3 FOR MEN ONLY. MEETS WITH SEC 4
 2842020 4 TR 11:00-11:50
 MEETS: JAN 14-MAY 10
 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 2019
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2845005 1 ARRANGED
 MEETS: JAN 14-MAY 10

FUND SOCIAL&WORLD D DANCE 211 1 CREDIT
 Note: COURSE RESTRICTED TO EX SP, KIN H MAJORS
 9612005 1 MW 10:00-10:50
 MEETS: JAN 14-MAY 10

DANCE (CONTINUED)

MODERN DANCE III DANCE 223 1 CREDIT
 Prereq: 222
 2848005 1 MW 2:10-3:30
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY
 2849010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
 2849015 3 ARRANGED
 MEETS: JAN 14-MAY 10
 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 14-MAY 10

JAZZ II DANCE 242 1 CREDIT
 Prereq: PREVIOUS JAZZ DANCE EXPERIENCE
 2852005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

YOGA MOVEMENT DANCE 250X 1 CREDIT
 9549005 TR 4:10-5:00
 MEETS: JAN 14-MAY 10

DANCE APPRECIATION DANCE 270 3 CREDITS
 Note: Meets international perspectives reqmt
 2855005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

SOUND AND MOVEMENT DANCE 320 3 CREDITS
 Prereq: 220
 2856005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

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 14-MAY 10

TCHG CHLDRN'S DANCE DANCE 384 2 CREDITS
 2859005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

TCHNG TECHNIQ & COMP DANCE 386 2 CREDITS
 Prereq: 320
 2861005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

INDEPEN STUDY DANCE DANCE 490A 1- 3 CREDITS
 Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP 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

DATA SCIENCE

ORIENTATN DATA SCI DS 110X R CREDIT
 Satisfactory-Fail Only.
 9967005 R 9:00-9:50
 MEETS: JAN 14-MAY 10

INTRO DATA SCIENCE DS 201 3 CREDITS
 Prereq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA
 9812005 MW 2:10-3:00
 F 1:10-3:30
 MEETS: JAN 14-MAY 10

DATA ACQUISN&ANALYS DS 202 3 CREDITS
 Prereq: DS 201X
 9884005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

APP DATA MODEL&ANLY DS 301 3 CREDITS
 Prereq: LAS 201; ONE OF STAT 101, STAT 104,
 STAT 105, STAT 201, STAT 226, STAT 231, STAT 305,
 STAT 322, STAT 330
 9887005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

DESIGN

DESIGN THINKING DES 230 3 CREDITS
 4957005 MW 1:10-2:30
 MEETS: JAN 14-MAY 10

INTDSC FOUND STO II DES 242X 4 CREDITS
 9904005 TR 9:00-12:20
 MEETS: JAN 14-MAY 10

DESIGN FORUM DES 250 2 CREDITS
 Prereq: DSN S 102, DSN S 131, DSN S 183,
 CREDIT OR CONCURRENT ENROLLMENT IN DES 230
 4960005 F 1:10-3:00
 MEETS: JAN 14-MAY 10

VISUAL LIT DS CRITQ DES 330 3 CREDITS
 Prereq: DSN S 102 OR DSN S 183 OR 3 CREDITS
 OF ART H OR EQUIVALENT
 8284005 MW 3:40-5:00
 MEETS: JAN 14-MAY 10

DESIGN STUDIO II DES 340 2 CREDITS
 Prereq: 4 CREDITS OF DES 240 OR EQUIVALENT
 6434005 1 TR 2:10-5:30
 MEETS: JAN 14-MARCH 8
 6434010 2 TR 2:10-5:30
 MEETS: MARCH 11-MAY 10

CAPSTONE EXPERIENCE DES 495 4 CREDITS
 Prereq: 2 CREDITS OF DES 340; CLASSIFICATION
 AS DES MAJOR
 8101005 MW 9:00-12:20
 MEETS: JAN 14-MAY 10

DESIGN STUDIES

DESIGN STUDIO I DSN S 102 4 CREDITS
 Note: ODD NUMBERED SEC ARE RESTRICTED TO THE COLLEGE
 OF DESIGN MAJORS ONLY. EVEN NUMBERED SEC ARE FOR
 MAJORS OTHER THAN IN THE COLLEGE OF DESIGN.
 8050005 1 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050010 2 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050015 3 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050020 4 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050025 5 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050030 6 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050035 7 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050040 8 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050045 9 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050050 10 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050055 11 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050060 12 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050065 13 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050070 14 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050075 15 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050080 16 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10

DESIGN STUDIES (CONTINUED)

DESIGN STUDIES (CONTINUED)

DESIGN STUDIO I DSN S 102 4 CREDITS

Note: Instructor permission required 1st week.
 8050085 17 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050090 18 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050095 19 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050100 20 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050105 21 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050110 22 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050115 23 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050120 24 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050125 25 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050130 26 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050135 27 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 8050140 28 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.

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 14-MAY 10

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 14-MARCH 29

DESIGN REPRESENTATN DSN S 131 4 CREDITS

Note: ODD NUMBERED SEC ARE RESTRICTED TO THE COLLEGE OF DESIGN MAJORS ONLY. EVEN NUMBERED SEC ARE FOR MAJORS OTHER THAN IN THE COLLEGE OF DESIGN.
 Instructor permission required 1st week.
 2124005 1 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124010 2 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124015 3 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124020 4 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124025 5 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124030 6 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124035 7 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124040 8 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124045 9 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124050 10 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124055 11 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124060 12 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10

DESIGN REPRESENTATN DSN S 131 4 CREDITS

2124065 13 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124070 14 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124075 15 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124080 16 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124085 17 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124090 18 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124095 19 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124100 20 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124105 21 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124110 22 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124115 23 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124120 24 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 14-MAY 10
 2124125 25 TR 3:40-4:30
 TR 8:00-10:50
 MEETS: JAN 14-MAY 10
 2124130 26 TR 3:40-4:30
 TR 8:00-10:50
 MEETS: JAN 14-MAY 10
 2124135 27 TR 3:40-4:30
 TR 8:00-10:50
 MEETS: JAN 14-MAY 10
 2124140 28 TR 3:40-4:30
 TR 8:00-10:50
 MEETS: JAN 14-MAY 10
 2124145 29 TR 3:40-4:30
 TR 11:00-1:50
 MEETS: JAN 14-MAY 10
 2124150 30 TR 3:40-4:30
 TR 11:00-1:50
 MEETS: JAN 14-MAY 10
 2124155 31 TR 3:40-4:30
 MW 11:00-1:50
 MEETS: JAN 14-MAY 10
 2124160 32 TR 3:40-4:30
 MW 11:00-1:50
 MEETS: JAN 14-MAY 10
 2124175 33 TR 3:40-4:30
 TR 11:00-1:50
 MEETS: JAN 14-MAY 10
 2124180 34 TR 3:40-4:30
 TR 11:00-1:50
 MEETS: JAN 14-MAY 10

DESIGN CULTURES DSN S 183 3 CREDITS

5945005 1 TR 2:10-3:00
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 5945010 2 TR 2:10-3:00
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 5945015 3 TR 2:10-3:00
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 5945020 4 TR 2:10-3:00
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 5945025 5 TR 2:10-3:00
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 5945030 6 TR 2:10-3:00
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 5945035 7 TR 2:10-3:00
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 5945040 8 TR 2:10-3:00
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 5945045 9 TR 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 14-MAY 10
 5945050 10 TR 2:10-3:00
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 5945055 11 TR 2:10-3:00
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 5945060 12 TR 2:10-3:00
 F 3:10-4:00
 MEETS: JAN 14-MAY 10

DESIGN STUDIES (CONTINUED)

DIGTL DSGN CMUNICA DSN S 232 3 CREDITS
 2087005 1 TR 5:40-7:00PM
 MEETS: JAN 14-MAY 10
 2087010 2 TR 5:40-7:00PM
 MEETS: JAN 14-MAY 10

STDY ABRD PREP SEMN DSN S 301 1 CREDIT
 Satisfactory-Fail Only.
 7396005 1 M 6:00-6:50PM
 MEETS: JAN 14-MAY 10

DESIGN LEADRSHS SEM DSN S 302 2 CREDITS
 Prereq: SELECTION AS A PEER MENTOR FOR THE CORE
 DESIGN PROGRAM
 Satisfactory-Fail Only.
 8568005 1 M 6:10-7:00PM
 ARRANGED
 MEETS: JAN 14-MAY 10
 8568010 2 T 6:10-7:00PM
 ARRANGED
 MEETS: JAN 14-MAY 10
 8568015 3 T 6:10-7:00PM
 ARRANGED
 MEETS: JAN 14-MAY 10

DESIGN AMBASSADORS DSN S 303 1- 2 CREDITS
 Prereq: ADMITTANCE INTO ONE OF THE PROFESSIONAL
 PROGRAMS IN THE COLLEGE OF DESIGN
 Satisfactory-Fail Only.
 1677005 ARRANGED
 MEETS: JAN 14-MAY 10

PRACTICAL EXPERIENC DSN S 310 R CREDIT
 Prereq: PERMISSION OF ADVISER OR COORDINATOR
 OF DESIGN STUDIES
 Satisfactory-Fail Only.
 5669005 ARRANGED
 MEETS: JAN 14-MAY 10

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

INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS
 Prereq: GRADUATE OR SENIOR STANDING IN THE
 COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR
 2878005 1 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1 OFFERED FOR 6 CREDITS
 2878010 2 MW 1:10-5:20 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 2 OFFERED FOR 4 CREDITS
 2878015 3 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 14-MAY 10
 2878020 4 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 4 OFFERED FOR 6 CREDITS
 2878025 5 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 5 OFFERED FOR 4-6 CREDITS
 Materials, field trips &/or travel fee
 \$25.00-\$1,200.00
 2878030 6 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 6 OFFERED FOR 6 CREDITS
 Materials, field trips &/or travel fee
 \$25.00-\$1,200.00
 2878035 7 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 7 OFFERED FOR 6 CREDITS
 2878040 8 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 8 OFFERED FOR 6 CREDITS
 2878045 9 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 9 OFFERED FOR 6 CREDITS
 2878050 10 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 10 OFFERED FOR 6 CREDITS

DESIGN STUDIES (CONTINUED)

INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS
 2878055 11 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 11 OFFERED FOR 6 CREDITS
 2878060 12 TR 8:00-1:00, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 12 OFFERED FOR 6 CREDITS
 2878065 13 MWF 1:10-2:00
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 13 OFFERED FOR 4 CREDITS
 2878070 14 WF 1:10-5:20, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 14 OFFERED FOR 5 CREDITS
 Materials, field trips &/or travel fee
 \$25.00-\$1,200.00

SPECIAL TOPICS DSN S 590 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQUIRED FORM PRIOR TO SEMESTER OF ENROLLMNT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS EEB 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND INSTR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR EEB 698 1 CREDIT
 7861005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 7861010 2 ARRANGED
 MEETS: JAN 14-MAY 10

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

ECOLOGY & EVOLUTIONARY BIOLOGY

SPECIAL TOPICS EEB 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND INSTR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR EEB 698 1 CREDIT
 7861005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 7861010 2 ARRANGED
 MEETS: JAN 14-MAY 10

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

ECOLOGY, EVOLUTION & ORGANISMAL BIOL

INTRO DNA TECHNIQS EEOB 542A 1 CREDIT
 Satisfactory-Fail Only.
 7105005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: JAN 15-FEB 14

INTR PROTEIN TECHNQ EEOB 542B 1 CREDIT
 Satisfactory-Fail Only.
 6957010 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: FEB 19-MARCH 28

INTRO CELL TECHNIQS EEOB 542C 1 CREDIT
 Satisfactory-Fail Only.
 7119005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: APRIL 1-MAY 2

BRYOPHYT&LICHN DVRS EEOB 555 3 CREDITS
 Prereq: BIOL 212, BIOL 212L
 8952005 MR 4:10-6:30PM
 MEETS: JAN 14-MAY 10

MOLEC PHYLOGENETICS EEOB 563 3 CREDITS
 Prereq: BIOL 313, BIOL 315
 7054005 TR 9:00-10:50
 MEETS: JAN 14-MAY 10

MACROEVOLUTION EEOB 565X 3 CREDITS
 Prereq: BIOL 315
 9899005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

FUNCTIONAL ECOLOGY EEOB 576 3 CREDITS
 Prereq: BIOL 312
 2130005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

ADV ECOSYSTEM ECOL EEOB 584 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOL, CHEM, PHYS
 2132005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

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 ORGNISM BIOL EEOB 590C 1- 3 CREDITS
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ECOLOGY, EVOLUTION & ORGANISMAL BIOL (CONTINUED)

CREATIVE COMPONENT EEOB 599 VAR. CREDITS
 2145005 ARRANGED
 MEETS: JAN 14-MAY 10

SEMINAR EEOB 698 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH EEOB 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ECONOMICS

PRIN MICROECONOMICS ECON 101 3 CREDITS
 3100005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

3100010 2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

3100015 3 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

3100020 4 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

3100025 5 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

3100030 6 MW 6:10-7:30PM
 MEETS: JAN 14-MAY 10

3100035 7 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

PRIN MACROECONOMICS ECON 102 3 CREDITS
 Prereq: ECON 101 RECOMMENDED

3099005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099010 2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099015 3 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099020 4 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099025 5 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099030 6 TR 2:10-3:25
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ORIENTATION AG BUSI ECON 110 1 CREDIT
 3172005 1 MW 12:10-1:00
 MEETS: JAN 14-MARCH 8

APPL ECON OPTIMIZTN ECON 207 3 CREDITS
 Prereq: MATH 151, MATH 160, MATH 165 OR EQUIVALENT
 Note: COURSE RESTRICTED TO AG B, BUSEC, ECON MAJORS ONLY

2753005 1 MW 12:10-1:00
 W 2:10-3:25
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

2753010 2 MW 12:10-1:00
 R 2:10-3:25
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

2753015 3 MW 12:10-1:00
 R 3:40-5:00
 MEETS: JAN 14-MAY 10
 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
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO AG B MAJORS ONLY
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3177010 2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

INTRO AGRI MARKETS ECON 235 3 CREDITS
 Prereq: ECON 101

3174005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3174010 2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ECONOMICS (CONTINUED)

COOPERATIVE EDUC ECON 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 Note: Instructor permission required.
 4834005 1 ARRANGED
 MEETS: JAN 14-MAY 10

INTERMED MICROECON ECON 301 3- 4 CREDITS
 Prereq: ECON 101; ECON 207 OR MATH 166
 Note: COURSE OFFERED FOR 4 CREDITS SPRING 2019.

3101005 1 MWF 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3101010 2 MWF 11:00-11:50
 R 2:10-4:00
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3101015 3 TR 9:30-10:50
 T 2:10-4:00
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3101020 4 TR 9:30-10:50
 W 2:10-4:00
 MEETS: JAN 14-MAY 10

INTERMED MACROECON ECON 302 3 CREDITS
 Prereq: ECON 101, ECON 102; MATH 160 OR MATH 165

3102005 1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

ECONOMICS OF SPORTS ECON 313 3 CREDITS
 Prereq: ECON 101

4910005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

ENTREPRENEURSHIP AG ECON 334 3 CREDITS
 Prereq: ECON 101

6836005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

AGRICULTRL MARKETNG ECON 337 3 CREDITS
 Prereq: ECON 101; ECON 235 IS RECOMMENDED

2316005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

Note: SEC 1 RESTRICTED TO AG B, ECON MAJORS ONLY

2316010 2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

PUBLIC FINANCE ECON 344 3 CREDITS
 Prereq: ECON 101

3111005 1 T 6:10-9:00PM
 MEETS: JAN 14-MAY 10

MONEY,BANK,FIN INST ECON 353 3 CREDITS
 Prereq: ECON 101, ECON 102

3103005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 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

8925005 1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

RURAL PRPRTY APPRSL ECON 364 3 CREDITS
 Prereq: 101

8902005 1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

INTRO ECONOMETRICS ECON 371 4 CREDITS
 Prereq: ECON 301, ECON 302 OR ECON 353, STAT 326

2790005 1 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 14-MAY 10

RETIREM PLN&BENEFTS ECON 378 3 CREDITS
 Prereq: 3 CREDITS IN INTRODUCTORY ECONOMICS
 Note: Meets U.S. diversity reqmt

5750005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

ENERGY&ENVIRON ECON ECON 380 3 CREDITS
 Prereq: ECON 101

3180005 1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

ECONOMIC DEVELOPMNT ECON 385 3 CREDITS
 Prereq: ECON 101, ECON 102
 Note: Meets international perspectives reqmt

3114005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ECONOMICS (CONTINUED)

COOPERATIVE EDUC ECON 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 Note: Permission of adviser required.
 4835005 1 ARRANGED
 MEETS: JAN 14-MAY 10

INDUSTRIAL ORGANZTN ECON 416 3 CREDITS
 Prereq: ECON 301
 3184005 1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

INTRO GAME THEORY ECON 418 3 CREDITS
 Prereq: ECON 301
 9091005 1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

ANALYSIS FOOD MRKTS ECON 435X 3 CREDITS
 Prereq: STAT 226, ECON 235, ECON 301
 2732005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

INTERNATIONAL TRADE ECON 455 3 CREDITS
 Prereq: ECON 301
 Note: Meets international perspectives reqmt
 9531005 1 TR 12:40-1:55
 MEETS: JAN 14-MAY 10

INTERNATNAL FINANCE ECON 457 3 CREDITS
 Prereq: ECON 302
 Note: Meets international perspectives reqmt
 5250005 1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

AGRICULTURL FINANCE ECON 466 3 CREDITS
 Prereq: ECON 301, STAT 226, FIN 301 AND ECON 353
 (RECOMMENDED)
 3183005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO AG B MAJORS ONLY
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 6208100 2 R 4:10-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 2 RESTRICTED TO BUSEC MAJORS ONLY
 6208015 3 R 4:10-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO ECON MAJORS ONLY

ENTREPRN AG STARTUP ECON 494X 3 CREDITS
 9923005 1 ARRANGED
 MEETS: JAN 14-MAY 10

ECON DOMESTC TRAVEL ECON 495 1- 3 CREDITS
 Prereq: SOPHOMORE STATUS, INSTRUCTOR PERMISSION
 Note: DOMESTIC TRAVEL IN THE MIDWEST
 9444005 MW 3:10-4:30, ARRANGED
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUC ECON 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 Note: Permission of adviser required.
 4836005 1 ARRANGED
 MEETS: JAN 14-MAY 10

ECONOMICS (CONTINUED)

EXPERMNTL ECONOMICS ECON 510 3 CREDITS
 Prereq: ECON 501 OR ECON 601
 4909005 M 6:10-9:00PM
 MEETS: JAN 14-MAY 10

INTERMED ECONOMETRC ECON 571 3 CREDITS
 Prereq: ECON 500
 9077005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

SPECIAL TOPICS ECON 590 1- 5 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ECON 599 1- 5 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MICROECON ANALYS II ECON 603 4 CREDITS
 Prereq: ECON 601, ECON 602 AND PERMISSION OF
 DIRECTOR OF GRADUATE EDUCATION
 3125005 1 TR 9:30-11:20
 F 3:10-5:00
 MEETS: JAN 14-MAY 10
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ADV MACROECON ANALY ECON 604 4 CREDITS
 Prereq: ECON 601, ECON 602 AND PERMISSION OF
 DIRECTOR OF GRADUATE EDUCATION
 3156005 1 MW 1:10-3:00
 F 1:10-3:00
 MEETS: JAN 14-MAY 10

THEORET INDUS ORGNZ ECON 615 3 CREDITS
 Prereq: ECON 603
 2937005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ADV LABOR DMND&MKTS ECON 621X 3 CREDITS
 Prereq: ECON 601 OR ECON 520
 9979005 1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

AGRICULTURL ECON II ECON 642 3 CREDITS
 Prereq: ECON 603
 2944005 1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

INTERNATNAL FINANCE ECON 657 3 CREDITS
 Prereq: ECON 602
 3141005 1 TR 8:00-9:15
 MEETS: JAN 14-MAY 10

ECONOMETRICS II ECON 672 4 CREDITS
 Prereq: ECON 671
 3146005 1 MW 11:00-12:50
 F 11:00-12:50
 MEETS: JAN 14-MAY 10

ADV RESOURCE ECON ECON 680 3 CREDITS
 Prereq: ECON 603
 3204005 1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10

WORKSHOP ECON 693 3 CREDITS
 Satisfactory-Fail Only.
 8649005 1 ARRANGED
 MEETS: JAN 14-MAY 10

RSRCH WRKSHP:METHODS ECON 694A 3 CREDITS
 Prereq: ECON 603, ECON 604, ECON 672
 Satisfactory-Fail Only.
 8585005 1 ARRANGED
 MEETS: JAN 14-MAY 10

RESEARCH ECON 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION

SPECIAL TOPICS EDADM 590 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION (CONTINUED)

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

CLINCL DILEMM PRCTC EDADM 691 1- 3 CREDITS
 Prereq: EDADM 541, ADMISSION TO PROGRAM, INSTR
 APPROVAL
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DISSERTATN RESEARCH EDADM 699 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL LEADERSHIP & POLICY ST

SOC JUSTC FIELD EXP EL PS 591 1- 3 CREDITS
 Prereq: EL PS 620
 ***** SEE DEPT FOR REFERENCE NUMBERS

CAPSTONE EXPERIENCE EL PS 616 3 CREDITS
 Prereq: 4 CREDITS OF EL PS 615
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUC FOR SOC JUSTCE EL PS 620 3 CREDITS
 8898005 T 5:10-8:00PM
 MEETS: JAN 14-MAY 10

CRITICL RACE THEORY EL PS 624 3 CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2019
 2658005 M 5:30-8:20PM
 MEETS: JAN 14-MAY 10

ELECTRICAL ENGINEERING

PRO PROG ORIENTATN E E 166 R CREDIT
 Note: COURSE RESTRICTED TO E E AND CPR E MAJORS ONLY.
 2887005 A T 2:10-3:00
 MEETS: JAN 14-MAY 10

2887010 B T 3:10-4:00
 MEETS: JAN 14-MAY 10

2887015 C R 2:10-3:00
 MEETS: JAN 14-MAY 10

INTR EE&PROB SOLV I E E 185 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON
 MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR
 ENROLLMENT IN MATH 165
 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, A B E 160, AER E 160,
 C E 160, I E 148
 3880005 A TR 9:00-9:50
 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10

3880010 B TR 9:00-9:50
 W 12:10-2:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

6239010 B R 12:10-2:00
 MEETS: JAN 14-MAY 10

6239015 C R 2:10-4:00
 MEETS: JAN 14-MAY 10

ELECTRIC CIRCUITS E E 201 4 CREDITS
 Prereq: CR OR ENROLLMENT 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 14-MAY 10

2120010 B MWF 10:00-10:50
 R 8:00-10:50
 MEETS: JAN 14-MAY 10

2120015 C MWF 10:00-10:50
 W 2:10-5:00
 MEETS: JAN 14-MAY 10

2120020 D MWF 2:10-3:00
 W 11:00-1:50
 MEETS: JAN 14-MAY 10

2120025 E MWF 2:10-3:00
 R 5:10-8:00PM
 MEETS: JAN 14-MAY 10

2120030 F MWF 2:10-3:00
 F 9:00-11:50
 MEETS: JAN 14-MAY 10

2120035 G MWF 2:10-3:00
 T 5:10-8:00PM
 MEETS: JAN 14-MAY 10

ELECTRICAL ENGINEERING (CONTINUED)

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 14-MAY 10

5064010 B TR 4:10-5:30
 W 12:10-3:00
 MEETS: JAN 14-MAY 10

5064015 C TR 4:10-5:30
 F 8:00-10:50
 MEETS: JAN 14-MAY 10

5064020 D TR 4:10-5:30
 F 1:10-4:00
 MEETS: JAN 14-MAY 10

5064025 E TR 4:10-5:30
 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10

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 14-MAY 10

4639010 B MWF 4:10-5:00
 T 11:00-1:50
 MEETS: JAN 14-MAY 10

4639015 C MWF 4:10-5:00
 T 5:10-8:00PM
 MEETS: JAN 14-MAY 10

4639020 D MWF 4:10-5:00
 W 8:00-10:50
 MEETS: JAN 14-MAY 10

4639025 E MWF 4:10-5:00
 W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

4639030 F MWF 4:10-5:00
 R 11:00-1:50
 MEETS: JAN 14-MAY 10

4639035 G MWF 4:10-5:00
 F 12:10-3:00
 MEETS: JAN 14-MAY 10

4639040 J MWF 4:10-5:00
 W 11:00-1:50
 MEETS: JAN 14-MAY 10

TRANSFER ORIENTATIO E E 261 R CREDIT
 Satisfactory-Fail Only.
 9197005 A T 11:00-11:50
 MEETS: JAN 14-MAY 10

PROB SOLV MTHD&TOOL E E 285 4 CREDITS
 2505005 A MWF 12:10-1:00
 T 8:00-9:50
 MEETS: JAN 14-MAY 10

2505010 B MWF 12:10-1:00
 T 4:10-6:00PM
 MEETS: JAN 14-MAY 10

2505015 C MWF 12:10-1:00
 W 10:00-11:50
 MEETS: JAN 14-MAY 10

2505020 D MWF 12:10-1:00
 R 3:10-5:00
 MEETS: JAN 14-MAY 10

2505025 E MWF 12:10-1:00
 T 6:10-8:00PM
 MEETS: JAN 14-MAY 10

PROGRAM DISCOVERY E E 294 R CREDIT
 Prereq: E E 166 OR CPR E 166
 Note: SEC A1, B1 RESTRICTED TO CPR E MAJORS ONLY.
 SEC A2, B2 RESTRICTED TO E E MAJORS ONLY
 Satisfactory-Fail Only.
 5380005 A1 M 1:10-2:00
 MEETS: JAN 14-MARCH 8

5380010 A2 M 1:10-2:00
 MEETS: JAN 14-MARCH 8

5380015 A3 M 1:10-2:00
 MEETS: JAN 14-MARCH 8

5380020 B1 F 3:10-4:00
 MEETS: JAN 14-MARCH 8

5380025 B2 F 3:10-4:00
 MEETS: JAN 14-MARCH 8

5380030 B3 F 3:10-4:00
 MEETS: JAN 14-MARCH 8

ENRGY SYS&PWR ELTRN E E 303 3 CREDITS
 Prereq: MATH 267, PHYS 222; CREDIT OR ENROLLMENT
 IN E E 230
 3415005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ELECTROMG FLD&WAVES E E 311 4 CREDITS
 Prereq: E E 201, MATH 265, PHYS 222, CREDIT OR
 ENROLLMENT IN MATH 267
 2889005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

PROBAB MTH,ELEC ENG E E 322 3 CREDITS
 Prereq: E E 224
 3424005 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

SIGNALS &SYSTEMS II E E 324 4 CREDITS
 Prereq: E E 224
 2192005 A MWF 2:10-3:00
 T 10:00-12:50
 MEETS: JAN 14-MAY 10
 2192010 B MWF 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 2192015 C MWF 2:10-3:00
 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 2192020 D MWF 2:10-3:00
 W 6:10-9:00PM
 MEETS: JAN 14-MAY 10

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
 5635005 A MWF 9:00-9:50
 T 8:00-10:50
 MEETS: JAN 14-MAY 10
 5635010 B MWF 9:00-9:50
 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 5635015 C MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 5635020 D MWF 9:00-9:50
 F 1:10-4:00
 MEETS: JAN 14-MAY 10
 5635025 E MWF 9:00-9:50
 F 10:00-12:50
 MEETS: JAN 14-MAY 10

SEMICND MTRLS&DEVIC E E 332 3 CREDITS
 Prereq: PHYS 222; ADDITIONAL PREREQ FOR MAT E
 MAJORS: MAT E 317; ADDITIONAL PREREQ FOR E E AND
 CPR E MAJORS: E E 230
 2195005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ANALYS ENERGY SYSTM E E 351 3 CREDITS
 Prereq: PHYS 222
 Note: Meets international perspectives reqmt
 8412005 MW 4:10-5:20
 MEETS: JAN 14-MAY 10

PROGRAM EXPLORATION E E 394 R CREDIT
 Prereq: E E 294 OR CPR E 294
 Note: SEC B1,C1 RESTRICTED TO CPR E MAJORS ONLY.
 SEC B2,C2 RESTRICTED TO E E MAJORS ONLY
 Satisfactory-Fail Only.
 5403005 A1 M 1:10-2:00
 MEETS: MARCH 11-MAY 10
 5403010 A2 M 1:10-2:00
 MEETS: MARCH 11-MAY 10
 5403020 B1 F 3:10-4:00
 MEETS: MARCH 11-MAY 10
 5403025 B2 F 3:10-4:00
 MEETS: MARCH 11-MAY 10

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

ELMAG RAD,ANTN,PRPG E E 417 4 CREDITS
 Prereq: E E 311
 2900005 A MWF 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 2900010 B MWF 11:00-11:50
 R 9:00-11:50
 MEETS: JAN 14-MAY 10

COMMUNICT SYSTMS II E E 422 3 CREDITS
 Prereq: E E 321, E E 322, ENROLLMENT IN E E 423
 2902005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

COMMUNIC SYSTMS LAB E E 423 1 CREDIT
 Prereq: E E 421, ENROLLMENT IN E E 422
 2903005 A W 5:30-8:20PM
 MEETS: JAN 14-MAY 10

INT DIGT SIGNL PROC E E 424 4 CREDITS
 Prereq: E E 224
 7977005 A TR 11:00-12:20
 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10

MICROELEC FABRICATN E E 432 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN E E 332
 9222005 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 14-MAY 10

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
 2906005 A MWF 10:00-10:50
 W 11:00-2:00
 MEETS: JAN 14-MAY 10
 2906010 B MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 14-MAY 10
 2906015 C MWF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 14-MAY 10

ELECTRN PROP MATRLS E E 437X 3 CREDITS
 Prereq: E E 332 OR MAT E 317 OR PHYS 322
 6374005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

OPTOELECTN DEVC&APP E E 438 3 CREDITS
 Prereq: E E 311, E E 332
 7182005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

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.
 4723005 A MWF 4:10-5:00
 T 8:00-9:50
 MEETS: JAN 14-MARCH 8
 4723010 B MWF 4:10-5:00
 R 5:10-7:00PM
 MEETS: JAN 14-MARCH 8
 4723015 C MWF 4:10-5:00
 F 2:10-4:00
 MEETS: JAN 14-MARCH 8
 4723020 D MWF 4:10-5:00
 F 8:00-9:50
 MEETS: JAN 14-MARCH 8
 4723025 E MWF 4:10-5:00
 R 3:10-5:00
 MEETS: JAN 14-MARCH 8
 4723030 F MWF 4:10-5:00
 F 12:10-2:00
 MEETS: JAN 14-MARCH 8
 4723035 G MWF 4:10-5:00
 F 10:00-11:50
 MEETS: JAN 14-MARCH 8
 4723040 J MWF 4:10-5:00
 R 11:00-12:50
 MEETS: JAN 14-MARCH 8
 4723045 K MWF 4:10-5:00
 R 7:10-9:00PM
 MEETS: JAN 14-MARCH 8
 4723050 L MWF 4:10-5:00
 W 10:00-11:50
 MEETS: JAN 14-MARCH 8
 4723055 M MWF 4:10-5:00
 T 10:00-11:50
 MEETS: JAN 14-MARCH 8
 4723060 N MWF 4:10-5:00
 R 1:10-3:00
 MEETS: JAN 14-MARCH 8
 4723065 P MWF 4:10-5:00
 T 2:10-4:00
 MEETS: JAN 14-MARCH 8
 4723070 Q MWF 4:10-5:00
 W 6:10-8:00PM
 MEETS: JAN 14-MARCH 8
 4723075 R MWF 4:10-5:00
 T 12:10-2:00
 MEETS: JAN 14-MARCH 8
 4723080 S MWF 4:10-5:00
 T 7:10-9:00PM
 MEETS: JAN 14-MARCH 8

INTRO AC CIRC&MOTOR E E 448 2 CREDITS
 Prereq: 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.
 4775005 A MWF 4:10-5:00
 T 8:00-9:50
 MEETS: MARCH 11-MAY 10
 4775010 B MWF 4:10-5:00
 R 5:10-7:00PM
 MEETS: MARCH 11-MAY 10
 4775015 C MWF 4:10-5:00
 F 2:10-4:00
 MEETS: MARCH 11-MAY 10
 4775020 D MWF 4:10-5:00
 F 8:00-9:50
 MEETS: MARCH 11-MAY 10
 4775025 E MWF 4:10-5:00
 R 3:10-5:00
 MEETS: MARCH 11-MAY 10

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

INTRO AC CIRC&MOTOR E E 448 2 CREDITS
 4775030 F MWF 4:10-5:00
 F 12:10-2:00
 MEETS: MARCH 11-MAY 10
 4775035 G MWF 4:10-5:00
 F 10:00-11:50
 MEETS: MARCH 11-MAY 10
 4775040 J MWF 4:10-5:00
 R 11:00-12:50
 MEETS: MARCH 11-MAY 10
 4775045 K MWF 4:10-5:00
 R 7:10-9:00PM
 MEETS: MARCH 11-MAY 10
 4775050 L MWF 4:10-5:00
 W 10:00-11:50
 MEETS: MARCH 11-MAY 10
 4775055 M MWF 4:10-5:00
 T 10:00-11:50
 MEETS: MARCH 11-MAY 10
 4775060 N MWF 4:10-5:00
 W 8:00-9:50
 MEETS: MARCH 11-MAY 10
 4775065 P MWF 4:10-5:00
 R 1:10-3:00
 MEETS: MARCH 11-MAY 10
 4775075 R MWF 4:10-5:00
 W 6:10-8:00PM
 MEETS: MARCH 11-MAY 10
 4775080 S MWF 4:10-5:00
 T 12:10-2:00
 MEETS: MARCH 11-MAY 10
 4775085 T MWF 4:10-5:00
 T 7:10-9:00PM
 MEETS: MARCH 11-MAY 10
 4775090 U MWF 4:10-5:00
 T 2:10-4:00
 MEETS: MARCH 11-MAY 10

ENGINEERG ACOUSTICS E E 451 3 CREDITS
 Prereq: PHYS 221 AND MATH 266 OR MATH 267
 8380005 MW 9:00-9:50, ARRANGED
 MEETS: JAN 14-MAY 10

ELECTRI MACHIN&DRIV E E 452 3 CREDITS
 Prereq: E E 303, E E 324
 2893005 A TR 11:00-11:50
 T 4:10-7:00PM
 MEETS: JAN 14-MAY 10
 2893010 B TR 11:00-11:50
 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 2893015 C TR 11:00-11:50
 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10

POWER SYST ANALY II E E 457 3 CREDITS
 Prereq: E E 303, CREDIT OR REGISTRATN IN E E 324
 2913005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

MULTIDISC ENGR DSGN E E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 1900005 A MWF 3:10-5:00
 MEETS: JAN 14-MAY 10

CONTROL SYS SIMULAT E E 476 3 CREDITS
 Prereq: E E 475
 2915005 MW 4:10-5:00, ARRANGED
 MEETS: JAN 14-MAY 10

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 A T 2:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10

SR DESGN PROJCT II E E 492 2 CREDITS
 Prereq: E E 491
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
 AND SENIORS
 9515005 A R 2:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 7347010 B W 2:10-3:00
 MEETS: JAN 14-MAY 10
 7347015 C R 2:10-3:00
 MEETS: JAN 14-MAY 10
 7347020 D R 3:10-4:00
 MEETS: JAN 14-MAY 10

MODERN OPTICS E E 496 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN PHYS 322,
 E E 365, AND E E 480
 5322005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

PWR MGT INTGRT CIRC E E 503X 3 CREDITS
 Prereq: E E 435, OR CREDIT OR REGISTRATION FOR
 E E/CPR E 501
 1298005 A TR 11:00-12:20
 T 2:10-5:00
 MEETS: JAN 14-MAY 10

MXD-SIGNL IC TESTNG E E 509 3 CREDITS
 Prereq: E E 424 OR EQUIVALENT; E E 435 OR E E 501
 5668005 MW 2:10-3:00
 MEETS: JAN 14-MAY 10

COMP METHDS ELMAGNT E E 516 3 CREDITS
 Prereq: E E 311
 5261005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

ELMAGNETC RAD,ANTEN E E 517 4 CREDITS
 Prereq: E E 311
 4808005 A MWF 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 4808010 B MWF 11:00-11:50
 R 9:00-11:50
 MEETS: JAN 14-MAY 10

TOPICS IN COMMUNICS E E 520 3 CREDITS
 7695005 MW 11:00-12:20
 MEETS: JAN 14-MAY 10

ADV COMMUNICATIONS E E 521 3 CREDITS
 Prereq: E E 422, CREDIT OR ENROLLMENT IN E E 523
 9207005 MW 10:00-10:50
 MEETS: JAN 14-MAY 10

RANDM PROC COMM&SIG E E 523 3 CREDITS
 Prereq: E E 322, MATH 317
 7358005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10

DETECT&ESTIM THEORY E E 527 3 CREDITS
 Prereq: E E 422
 2940005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

DATA ANALYTCS IN EE E E 529 3 CREDITS
 Prereq: E E 322 OR EQUIVALENT
 4017005 MW 4:10-5:30
 MEETS: JAN 14-MAY 10

TOPICS EL,MICR,PHOT E E 530 3 CREDITS
 Prereq: E E 332
 9526005 TR 5:40-7:00PM
 MEETS: JAN 14-MAY 10

TOPCS INTR MEMS&BIO E E 530M 3 CREDITS
 8749005 MW 3:40-5:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 Note: Materials fee \$300.00

ELECTRICAL ENGINEERING (CONTINUED)

ENGINEERING

PHYS SEMICOND DEVIC E E 536 3 CREDITS
 Prereq: E E 535
 2942005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

ELECTRN PROP MATRLS E E 537X 3 CREDITS
 Prereq: E E 332 OR MAT E 317 OR PHYS 322
 6668005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

OPTOELE DEVICES&APP E E 538 3 CREDITS
 Prereq: E E 311 OR E E 332
 3517005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

SYST ENGR &ANALYSIS E E 565 3 CREDITS
 Prereq: COURSE WORK IN BASIC STATISTICS
 Note: I E MAJORS MAY NOT APPLY CREDIT IN I E 565,
 E E 565, AER E 565 TOWARD DEGREE REQUIREMENTS
 8931005 A TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO ENG M, IE, IMSE, SYS E
 GRADUATES ONLY
 8931010 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC B FOR MAJORS OTHER THAN ENG M, IE, IMSE,
 SYS E GRADUATES

DIGIT FEEDBCK CNTRL E E 576 3 CREDITS
 Prereq: E E 475 OR AER E 432 OR M E 411 OR
 MATH 415; AND MATH 267
 2953005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

NONLINEAR SYSTEMS E E 578 3 CREDITS
 Prereq: E E 577
 2955005 1 MW 4:10-5:30
 MEETS: JAN 14-MAY 10

SPL TOP ELECMAG THY E E 590A 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONTROL SYS E E 590B 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN SYS E E 590C 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPTR ENGR E E 590E 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRC PWR E E 590F 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELEC MATRLS E E 590G 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EL DEVIC&CIR E E 590H 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SIGNAL PROCS E E 590I 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM ELECTRIC POWER E E 594 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2019.
 2964005 A T 1:10-2:00
 MEETS: JAN 14-MAY 10

SEM COMM&SIGNAL PROC E E 597 1 CREDIT
 Note: COURSE RESTRICTED TO E CPE MAJORS ONLY.
 Satisfactory-Fail Only.
 7542005 A ARRANGED
 MEETS: JAN 14-MAY 10

LEARN COMMUNITY SEMN E E 598X R CREDIT
 Prereq: CLASSIFICATION AS AN E CPE MAJOR
 Satisfactory-Fail Only.
 9875005 F 4:10-5:30
 MEETS: JAN 14-MAY 10

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

ENGINEERG INTERNSHP E E 697 R CREDIT
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF
 STUDENT SERVICES.
 Satisfactory-Fail Only.
 5716005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

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

ENGINEERING ORIENTN ENGR 101 R CREDIT
 Satisfactory-Fail Only.
 3788005 A T 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC A FOR MAJORS OTHER THAN AER E, CH E,
 C E, CON E, CPR E, E E, M E, S E

3788010 B R 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC B RESTRICTED TO CPR E, E E AND S E MAJORS
 ONLY.

3788015 C F 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC C RESTRICTED TO AER E MAJORS ONLY.

3788020 D T 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC D RESTRICTED TO CPR E, E E AND S E MAJORS
 ONLY.

3788025 E W 2:10-3:00
 MEETS: JAN 14-MARCH 8
 Note: SEC E RESTRICTED TO AER E MAJORS

3788030 F W 8:00-8:50
 MEETS: JAN 14-MAY 10
 Note: SEC F RESTRICTED M E MAJORS ONLY

3788035 G W 3:10-4:00
 MEETS: JAN 14-MARCH 8
 Note: SEC G RESTRICTED TO M E MAJORS ONLY

3788040 J W 3:10-4:00
 MEETS: JAN 14-MARCH 8

LEAD PROGRAM SEMINAR ENGR 105 1 CREDIT
 Satisfactory-Fail Only.
 6866005 F 1:10-3:00
 MEETS: JAN 14-MAY 10
 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 R 10:00-10:50
 MEETS: JAN 14-MAY 10

ENGR PROB & CPR LAB ENGR 160 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES
 ON MATHEMATICS PLACEMENT EXAMINATIONS
 Note: COURSE RESTRICTED TO ENGR, MAT E MAJORS ONLY.
 CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE
 APPLIED TOWARD GRADUATION: M E 160, ENGR 160,
 A B E 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](http://www.registrar.iastate.edu/students/exams/night-exams).

2946005 A MW 8:00-9:50
 MEETS: JAN 14-MAY 10

2946010 B MW 10:00-11:50
 MEETS: JAN 14-MAY 10

2946015 C MW 12:10-2:00
 MEETS: JAN 14-MAY 10

2946020 D TR 8:00-9:50
 MEETS: JAN 14-MAY 10

2946025 E TR 10:00-11:50
 MEETS: JAN 14-MAY 10

2946030 F TR 12:10-2:00
 MEETS: JAN 14-MAY 10

2946035 G TR 2:10-4:00
 MEETS: JAN 14-MAY 10

2946040 J MW 2:10-4:00
 MEETS: JAN 14-MAY 10

SURV IMPCT OF ENGRG ENGR 265 3 CREDITS
 2212005 ARRANGED
 MEETS: JAN 14-MAY 10

SURV HOW THINGS WRK ENGR 270 3 CREDITS
 7455005 TR 4:10-5:30
 MEETS: JAN 14-MAY 10

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 14-MAY 10

MULTIDISC ENGR DSGN ENGR 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 8893005 A MWF 3:10-5:00
 MEETS: JAN 14-MAY 10

ENGINEERING

(CONTINUED)

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 14-MAY 10

ENGINEERING MECHANICS

ENGINEERING STATICS E M 274 3 CREDITS
 Prereq: PHYS 221, CREDIT OR ENROLLMNT IN MATH 166
 Note: CREDIT IN MAT E 319X, OR THE E M 274 & E M 324
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION

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)

3004005 1 MWF 9:00-9:50 FREESEMAN K
 MEETS: JAN 14-MAY 10
 3004010 2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 3004015 3 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 3004020 4 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 3004025 5 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

MECHAN OF MATERIALS E M 324 3 CREDITS

Prereq: E M 274
 Note: ON-CAMPUS SECTIONS RESTRICTED TO ENGR SOPH
 AND ABOVE. CREDIT IN MAT E 319X, OR THE E M 274 &
 E M 324 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION.

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)

3007005 1 MWF 9:00-9:50 JOHANNSEN J
 MEETS: JAN 14-MAY 10
 3007010 2 MWF 3:10-4:00 AHN B
 MEETS: JAN 14-MAY 10
 3007015 3 MWF 3:10-4:00 ZARECHNYY O
 MEETS: JAN 14-MAY 10
 3007020 4 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 3007040 5 MWF 4:10-5:00 ZARECHNYY O
 MEETS: JAN 14-MAY 10
 3007045 6 MWF 9:00-9:50 JOHANNSEN J
 MEETS: JAN 14-MAY 10

MECH OF MATERLS LAB E M 327 1 CREDIT

Prereq: E M 324
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE &
 ABOVE.

3008005 1 T 8:00-9:50 SCHAEFER J
 MEETS: JAN 14-MAY 10
 3008010 2 T 10:00-11:50 SCHAEFER J
 MEETS: JAN 14-MAY 10
 3008015 3 R 10:00-11:50 SCHAEFER J
 MEETS: JAN 14-MAY 10
 3008020 4 W 8:00-9:50 SCHAEFER J
 MEETS: JAN 14-MAY 10
 3008025 5 W 10:00-11:50 SCHAEFER J
 MEETS: JAN 14-MAY 10
 3008030 6 T 1:10-3:00 SCHAEFER J
 MEETS: JAN 14-MAY 10
 3008035 7 R 1:10-3:00 SCHAEFER J
 MEETS: JAN 14-MAY 10
 3008040 8 T 3:10-5:00 SCHAEFER J
 MEETS: JAN 14-MAY 10
 3008045 9 R 3:10-5:00 SCHAEFER J
 MEETS: JAN 14-MAY 10
 3008050 10 T 5:10-7:00PM SCHAEFER J
 MEETS: JAN 14-MAY 10

ENGINEERNG DYNAMICS E M 345 3 CREDITS

Prereq: E M 274, CR OR ENROLLMENT IN MATH 266 OR
 MATH 267
 Note: ON-CAMPUS SECTIONS 1-4 RESTRICTED TO ENGR COLLEGE
 MAJORS SOPHOMORE & ABOVE

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)

3010005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 3010010 2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 3010015 3 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 3010020 4 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 3010025 5 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

ENGINEERING MECHANICS

(CONTINUED)

PRIN NONDESTRC TEST E M 362 3 CREDITS

Prereq: PHYS 112 OR PHYS 222
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE &
 ABOVE.

3011005 MWF 10:00-10:50 EISENMANN D
 MEETS: JAN 14-MAY 10

NONDESTRUC TEST LAB E M 362L 1 CREDIT

Prereq: CREDIT OR ENROLLMENT IN MAT E 362
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE &
 ABOVE.

3012005 A T 9:00-11:50 EISENMANN D
 MEETS: JAN 14-MAY 10
 3012010 B R 9:00-11:50 EISENMANN D
 MEETS: JAN 14-MAY 10

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 & ABOVE.

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)

3013005 1 MWF 10:00-10:50 SCHAEFER J
 T 8:00-9:50
 MEETS: JAN 14-MAY 10
 3013010 2 MWF 10:00-10:50 SCHAEFER J
 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 3013015 3 MWF 10:00-10:50 SCHAEFER J
 T 1:10-3:00
 MEETS: JAN 14-MAY 10
 3013020 4 MWF 10:00-10:50 SCHAEFER J
 T 3:10-5:00
 MEETS: JAN 14-MAY 10
 3013025 5 MWF 9:00-9:50 SCHAEFER J
 W 11:00-12:50
 MEETS: JAN 14-MAY 10
 3013030 6 MWF 9:00-9:50 SCHAEFER J
 W 1:10-3:00
 MEETS: JAN 14-MAY 10
 3013035 7 MWF 10:00-10:50 SCHAEFER J
 W 3:10-5:00
 MEETS: JAN 14-MAY 10
 3013040 8 MWF 9:00-9:50 SCHAEFER J
 R 8:00-9:50
 MEETS: JAN 14-MAY 10
 3013045 9 MWF 9:00-9:50 SCHAEFER J
 R 10:00-11:50
 MEETS: JAN 14-MAY 10
 3013050 10 MWF 9:00-9:50 SCHAEFER J
 R 1:10-3:00
 MEETS: JAN 14-MAY 10
 3013055 11 MWF 9:00-9:50 SCHAEFER J
 R 3:10-5:00
 MEETS: JAN 14-MAY 10
 3013060 12 MWF 9:00-9:50 SCHAEFER J
 W 3:10-5:00
 MEETS: JAN 14-MAY 10

ENGINEERG ACOUSTICS E M 451 3 CREDITS

Prereq: PHYS 221 AND MATH 266 OR 267
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE &
 ABOVE. LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB
 IS HELD.

3021005 MW 9:00-9:50, ARRANGED
 MEETS: JAN 14-MAY 10

ULTRSNC NONDESTR EV E M 480 3 CREDITS

Prereq: E M 324, MATH 266 OR MATH 267, PHYS 222

1355005 1 MWF 9:00-9:50 CHIMENTI D
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY E M 490 VAR. CREDITS

Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E M 490H VAR. CREDITS

Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

APP ELAST&DEF SOLDS E M 516 3 CREDITS

Prereq: E M 510
 3029005 WF 3:10-4:30
 MEETS: JAN 14-MAY 10

FINITE ELEMENT ONLY E M 525 3 CREDITS

Prereq: E M 425, MATH 385
 3034005 1 MWF 2:10-3:00 XIONG L
 MEETS: JAN 14-MAY 10

FUND NONDESTRU EVAL E M 550 4 CREDITS

Prereq: E M 324, MATH 385
 8108005 1 MWF 10:00-10:50 HOLLAND S
 T 9:00-10:50
 MEETS: JAN 14-MAY 10

ENGINEERING MECHANICS (CONTINUED)

ENGLISH (CONTINUED)

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 14-MAY 10
 Note: Department 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.
 ***** 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

IEOP READING:BEGINR ENGL 11A 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READG:LO-INTRMD ENGL 11B 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READING:INTMED ENGL 11C 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READ:HI-INTRMD ENGL 11D 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READING: HIGH ENGL 11E 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READING:ADVANC ENGL 11F 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING:BEGINR ENGL 12A 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRIT:LO-INTRMD ENGL 12B 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING:INTRMD ENGL 12C 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRIT:HI INTRMD ENGL 12D 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING: HIGH ENGL 12E 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING:ADVANC ENGL 12F 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP LISTN-SPK:BEGN ENGL 13A 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP LIST-SPK:LO-IN ENGL 13B 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP LISTN-SPK:INTM ENGL 13C 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP LIST-SPK:HI-IN ENGL 13D 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP LISTEN-SPK: HI ENGL 13E 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP LISTEN-SPK:ADV ENGL 13F 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:BEGINR ENGL 14A 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:LO-INT ENGL 14B 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:INTRMD ENGL 14C 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:HI-INT ENGL 14D 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR: HIGH ENGL 14E 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:ADVANC ENGL 14F 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP EXIT ACAD SKIL ENGL 15 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP EXIT ORIENTATN ENGL 16 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP EXIT TECHNOLOGY ENGL 17 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP BUSNSS LIST-SP ENGL 18 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP BUSNSS READ-WR ENGL 19 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP OPTIONL SEMNAR ENGL 20 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

NONNATIVE SPEAKING ENGL 99S 0 CREDITS
 Prereq: RECOMMENDATION OF ENGLISH DEPARTMENT

9180005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

9180010 2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

9180015 3 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

9180020 4 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

3294010 2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

3294015 3 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

3295010 2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

3295015 3 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

3295020 4 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

3295025 5 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

ENGLISH (CONTINUED)

ENGLISH NONNATIV II ENGL 101C 3 CREDITS
 3295030 6 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 3295035 7 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ENGLISH NONNATIV II ENGL 101D 3 CREDITS
 Prereg: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
 VARIOUS SECTIONS DETERMINED BY EXAMINATION
 Note: ENGL 101D DOES NOT APPLY TOWARD GRADUATION.
 3296005 1 W 10:00-10:50
 MF 10:00-10:50
 MEETS: JAN 14-MAY 10
 3296010 2 W 12:10-1:00
 MF 12:10-1:00
 MEETS: JAN 14-MAY 10
 3296015 3 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 14-MAY 10
 3296020 4 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 14-MAY 10

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS
 Prereg: CONCURRENT ENROLLMENT IN LIB 160
 IS RECOMMENDED
 Note: EVERY SECTION MEETS IN A COMPUTER WRITING LAB
 ONE DAY PER WEEK. THE OTHER MEETING(S) WILL BE IN A
 TRADITIONAL CLASSROOM.
 CONCURRENT ENROLLMENT IN LIB 160 IS RECOMMENDED.
 3298020 FD T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC. FD MAY MEET THURSDAY IN FRILEY HALL
 COMPUTER LAB
 3298050 FK T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC. FE MAY MEET THURSDAY IN FRILEY HALL
 COMPUTER LAB
 3298051 FL T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC. FL MAY MEET THURSDAY IN FRILEY HALL
 COMPUTER LAB
 3298200 TA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 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 14-MAY 10
 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 14-MAY 10
 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 14-MAY 10
 Note: SEC. TE MAY MEET MONDAY IN ROSS HALL COMPUTER
 LAB
 3298235 TG WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 Note: SEC TH MAY MEET MONDAY IN ROSS HALL COMPUTER
 LAB
 3298250 TK MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC TK MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB
 3298255 TL MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC. TL MAY MEET WEDNESDAY ROSS HALL COMPUTER LAB
 3298265 TN WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC. TN MAY MEET MONDAY ROSS HALL COMPUTER LAB
 3298270 TP MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC. TP MAY MEET WEDNESDAY ROSS HALL COMPUTER LAB
 3298072 TR TR 3:40-6:20PM
 MEETS: JAN 14-MARCH 8
 Note: SEC TR MEETS BOTH DAYS IN THE ROSS COMPUTER LAB
 CONTACT DEANNA STUMBO (229 ROSS) FOR PERMISSION TO
 ADD DURING 1ST WEEK. DUE TO THE CONDENSED NATURE OF
 THIS SECTION (8 WEEKS) REGULAR ATTENDANCE IS CRITICAL
 3298080 TS TR 3:40-6:20PM
 MEETS: MARCH 11-MAY 10
 Note: SEC TS MEETS BOTH DAYS IN THE ROSS COMPUTER LAB
 CONTACT DEANNA STUMBO (229 ROSS) FOR PERMISSION TO
 ADD DURING 1ST WEEK. DUE TO THE CONDENSED NATURE OF
 THIS SECTION (8 WEEKS) REGULAR ATTENDANCE IS CRITICAL

ENGLISH (CONTINUED)

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS
 3298285 TT MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC TT MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB. 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 14-MAY 10
 Note: SEC TV MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL
 STUDENTS ONLY. MEETS JOINTLY WITH SEC TT. SEE
 ADVISOR TO ADD.
 3298295 TW MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 Note: SEC TX MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION INTERNATIONAL
 STUDENTS ONLY. MEETS JOINTLY WITH SEC TW. SEE ADVISOR
 TO ADD.

SPEAKG FOR INT'L TA ENGL 180A 3 CREDITS
 Prereg: 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 THE CENTER FOR COMMUNICATION EXCELLENCE,
 1137 PEARSON HALL.
 Satisfactory-Fail Only.
 3579005 1 MW 3:10-4:30
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

ADV SPEAKG INT'L TA ENGL 180C 3 CREDITS
 Prereg: 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 THE CENTER FOR COMMUNICATION EXCELLENCE,
 1137 PEARSON HALL.
 Satisfactory-Fail Only.
 3585005 1 TR 3:10-4:30
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

PRESNTATNS INT'L TA ENGL 180D 3 CREDITS
 Prereg: 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 THE CENTER FOR COMMUNICATION EXCELLENCE,
 1137 PEARSON HALL.
 Satisfactory-Fail Only.
 3593005 1 TR 3:10-4:30
 MEETS: JAN 14-MAY 10
 Note: Department permission required.
 3593010 2 MW 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

INTRO TO LITERATURE ENGL 201 3 CREDITS
 Prereg: CREDIT IN OR EXEMPTION FROM ENGL 150
 3303005 A1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ENGL, SP CM, TCOMM ONLY
 MAJORS ONLY
 3303010 A2 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, SP CM,
 TCOMM

INTRO CREATIVE WRIT ENGL 207 3 CREDITS
 Prereg: CREDIT IN OR EXEMPTION FROM ENGL 150
 7369005 A TR 2:10-3:00
 M 4:10-5:00
 MEETS: JAN 14-MAY 10
 7369010 B TR 2:10-3:00
 M 4:10-5:00
 MEETS: JAN 14-MAY 10
 7369015 C TR 2:10-3:00
 M 5:10-6:00PM
 MEETS: JAN 14-MAY 10
 7369020 D TR 2:10-3:00
 M 5:10-6:00PM
 MEETS: JAN 14-MAY 10
 7369025 E TR 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 14-MAY 10
 7369030 F TR 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 14-MAY 10
 7369035 G TR 2:10-3:00
 T 5:10-6:00PM
 MEETS: JAN 14-MAY 10

ENGLISH (CONTINUED)

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 14-MAY 10
 3307010 B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC B RESTRICTED TO ENGL, LING SOPH & ABOVE
 3307015 C TR 2:10-3:30
 MEETS: JAN 14-MAY 10

DESCRP ENGL GRAMMAR ENGL 220 3 CREDITS
 Prereq: ENGL 250
 3308005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 3308010 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 3308015 C TR 12:40-2:00
 MEETS: JAN 14-MAY 10

BRIT LIT SINCE 1800 ENGL 226 3 CREDITS
 Prereq: ENGL 250
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 5351005 A1 TR 12:20-2:00
 MEETS: JAN 14-MAY 10
 5351010 A2 TR 12:20-2:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 5360010 A2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 5360015 B1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 5360020 B2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

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.
 3299905 CA MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 Note: SEC CA IS LIKELY TO MEET ALL DAYS IN THE
 COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299910 CB MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC CB IS LIKELY TO MEET ALL DAYS IN THE
 COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299915 CC MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC CC IS LIKELY TO MEET ALL DAYS IN THE
 COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299920 CD MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 Note: SEC CD IS LIKELY TO MEET ALL DAYS IN THE
 COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299930 CF TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC CF IS LIKELY TO MEET ALL DAYS IN THE
 COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299935 CG TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC CG IS LIKELY TO MEET ALL DAYS IN THE
 COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299009 DA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 14-MAY 10
 Note: SEC DA MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299010 DB WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC DB MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299015 DC WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC DC MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299011 DD WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC DD MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299012 DE WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC DE MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299013 DF WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 14-MAY 10

ENGLISH (CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 Note: SEC DF MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299014 DG WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC DG MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299016 DH WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC DH MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299030 FC R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 14-MAY 10
 Note: SEC FC MAY MEET TUESDAY IN FRILEY HALL
 COMPUTER LAB
 3299035 FD R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC FD MAY MEET TUESDAY IN FRILEY HALL
 COMPUTER LAB
 3299045 FF R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC FF MAY MEET TUESDAY IN FRILEY HALL
 COMPUTER LAB
 3299050 FG R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC FG MAY MEET TUESDAY IN FRILEY HALL
 COMPUTER LAB
 3299350 ML T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 Note: SEC MM MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299370 MQ R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 Note: SEC MR MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299385 MT R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 Note: SEC MU MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299105 NA MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 Note: SEC NA MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299110 NB MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC NB MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299115 NC MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC NC MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299120 ND MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC ND MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299125 NE MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC NE MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299130 NF MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC NF MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299135 NG MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC NG MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299140 NH MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 Note: SEC NH MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299145 NJ MWF 4:10-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC NJ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299150 NK TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 Note: SEC NK MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299155 NL TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC NL MEETS IN ROSS HALL LAPTOP LAB.

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 LAPTOP COMPUTERS ARE PROVIDED.
 3299160 NM TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC NM MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299165 NN TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC NN MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299170 NP TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC NP MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299175 NQ TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC NQ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299400 PA TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299405 PB TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC PB MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299410 PC TR 3:40-6:20PM
 MEETS: JAN 14-MARCH 8
 Note: SEC PC MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED. CONTACT DEANNA STUMBO
 (229 ROSS) FOR PERMISSION TO ADD DURING 1ST WEEK. DUE
 TO THE CONDENSED NATURE OF THIS SECTION (8 WEEKS)
 REGULAR ATTENDANCE IS CRITICAL
 Department permission required 1st week.
 3299461 PD TR 3:40-6:20PM
 MEETS: MARCH 11-MAY 10
 Note: SEC PD MAY MEET IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED. CONTACT DEANNA STUMBO
 (229 ROSS) FOR PERMISSION TO ADD DURING 1ST WEEK. DUE
 TO THE CONDENSED NATURE OF THIS SECTION (8 WEEKS)
 REGULAR ATTENDANCE IS CRITICAL
 Department permission required 1st week.
 3299420 PE TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 Note: SEC PE MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299425 PF TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC PF MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299430 PG MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 Note: SEC PG MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299435 PH MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC PH MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299440 PJ MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC PJ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299445 PK MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC PK MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299450 PL MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC PL MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299455 PM MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC PM MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299460 PN MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC PN MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299465 PP MW 3:10-6:00PM
 MEETS: JAN 14-MARCH 8
 Note: SEC PP MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED. CONTACT DEANNA STUMBO
 (229 ROSS) FOR PERMISSION TO ADD DURING 1ST WEEK. DUE
 TO THE CONDENSED NATURE OF THIS SECTION (8 WEEKS)
 REGULAR ATTENDANCE IS CRITICAL
 Department permission required 1st week.
 3299470 PQ MW 3:10-6:00PM
 MEETS: MARCH 11-MAY 10
 Note: SEC PQ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED. CONTACT DEANNA STUMBO
 (229 ROSS) FOR PERMISSION TO ADD DURING 1ST WEEK. DUE
 TO THE CONDENSED NATURE OF THIS SECTION (8 WEEKS)
 REGULAR ATTENDANCE IS CRITICAL
 Department permission required 1st week.
 3299260 PR TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC PR MAY MEET IN ROSS HALL LAPTOP COMPUTER
 LAB. COMPUTERS ARE PROVIDED.
 3299700 RA MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 Note: SEC RA MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299705 RB MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC RB MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299710 RC MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC RC MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299715 RD MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC RD MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299720 RE MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC RE MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299725 RF MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC RF MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299730 RG MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC RG MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299735 RH MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 Note: SEC RH MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299740 RJ MWF 4:10-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC RJ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299745 RK TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 Note: SEC RK MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299750 RL TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC RL MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299755 RM TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC RM MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299760 RN TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC RN MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299765 RP TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC RP MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299770 RQ TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC RQ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299800 SA MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 Note: SEC SA MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299805 SB MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC SB MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299810 SC MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC SC MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299815 SD MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC SD MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299820 SE MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC SE MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299825 SF MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC SF MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299821 SG MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC SG MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299835 SH MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 Note: SEC SH MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299830 SK TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 Note: SEC SK MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299840 SL TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC SL MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299845 SM TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC SM MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299885 SN TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC SN MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299890 SQ TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC SQ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299892 ST TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC SQ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299500 TA T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 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 14-MAY 10
 Note: SEC TC MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299515 TD T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC TD MAY MEET THURSDAY IN A ROSS HALL COMPUTER
 LAB
 3299525 TE R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 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 14-MAY 10
 Note: SEC TG MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299550 TK MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 14-MAY 10
 Note: SEC TK MAY MEET FRIDAY IN ROSS COMPUTER LAB
 3299555 TL MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC TL MAY MEET FRIDAY IN ROSS COMPUTER LAB
 3299605 VB WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 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 14-MAY 10
 Note: SEC VD MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB
 3299620 VE WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 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 14-MAY 10
 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 14-MAY 10
 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 14-MAY 10
 Note: SEC VJ MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3299645 VK MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC VK MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB
 3299664 VN T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC VP MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299672 VQ T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC VA MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299666 VR WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC VR MAY MEET MONDAY IN ROSS HALL COMPUTER
 LAB
 3299670 VW MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 14-MAY 10
 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.

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299675 VX MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC VX MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION INTERNATIONAL
 STUDENT ONLY. MEETS JOINTLY WITH SEC VW. SEE ADVISOR
 TO ADD.
 3299680 VY MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 Note: SEC VZ MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION INTERNATIONAL
 STUDENTS ONLY. MEETS JOINTLY WITH SEC VY. SEE ADVISOR
 TO ADD.
 INTRO LITERARY STDY ENGL 260 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 Note: SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS.
 SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN ENGL,
 TCOMM
 3306005 A1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3306010 A2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THEN ENGL, TCOMM
 BUSINESS COMMUNICAT ENGL 302 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 Note: SOME SECTS MAY MEET IN A COMPUTER LAB ON
 AT LEAST 1 DAY PER WEEK. THE OTHER MEETINGS
 WILL BE IN A TRADITIONAL CLASSROOM.
 COURSE IS RESTRICTED TO JUNIORS AND ABOVE
 3314005 1 WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 14-MAY 10
 3314010 2 WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 14-MAY 10
 3314015 3 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO JRS & SRS IN THE COLLEGE
 OF BUSINESS
 3314020 4 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 4 RESTRICTED TO JRS & SRS IN THE COLLEGE
 OF BUSINESS
 3314025 5 WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 14-MAY 10
 3314030 6 WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 14-MAY 10
 3314035 7 MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 14-MAY 10
 3314040 8 MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 14-MAY 10
 3314045 9 MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 14-MAY 10
 3314050 10 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 14-MAY 10
 3314055 11 WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 14-MAY 10
 3314060 12 WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 14-MAY 10
 3314065 13 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 14-MAY 10
 3314070 14 MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 14-MAY 10
 3314075 15 TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 Note: SEC 15 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314080 16 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 16 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314085 17 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 14-MAY 10
 3314090 18 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 14-MAY 10
 3314095 19 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 14-MAY 10
 3314100 20 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 14-MAY 10

ENGLISH (CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS
 3314105 21 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 14-MAY 10
 3314110 22 T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 14-MAY 10
 3314115 23 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 14-MAY 10
 3314120 24 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC 24 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314125 25 MW 8:00-8:50
 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 3314130 26 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 26 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314135 27 WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 14-MAY 10
 3314140 28 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 14-MAY 10
 3314145 29 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 29 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314150 30 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 14-MAY 10
 3314155 31 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 14-MAY 10
 3314160 32 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 32 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314165 33 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC 33 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314180 34 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 14-MAY 10
 3314185 35 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 35 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314190 36 MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 14-MAY 10
 3314195 37 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 37 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314200 38 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 3314205 39 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 14-MAY 10
 3314210 40 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 3314215 41 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 3314220 42 MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 14-MAY 10
 3314225 43 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 14-MAY 10
 3314230 44 MW 8:00-8:50
 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 3314235 45 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 3314240 46 MW 10:00-10:50
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 3314245 47 MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 14-MAY 10
 3314250 48 MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 14-MAY 10

ENGLISH (CONTINUED)

CREAT WRITING:FICTN ENGL 304 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 Note: COURSE IS RESTRICTED TO SOPH AND ABOVE
 3316005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 3316010 B MW 3:40-5:00
 MEETS: JAN 14-MAY 10
 CREAT WRITING:NON-F ENGL 305 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 3317005 A TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 3317010 B TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 CREAT WRITING: POET ENGL 306 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 3318005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 PROPOS&RPT WRITNG ENGL 309 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO JRS & ABOVE
 8089005 A1 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 14-MAY 10
 8089010 A2 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 14-MAY 10
 8089015 B1 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 14-MAY 10
 8089025 C1 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 8089035 D1 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 8089040 E1 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 14-MAY 10
 8089045 F1 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 14-MAY 10
 8089050 G1 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 RHETORICAL ANALYSIS ENGL 310 3 CREDITS
 Prereq: ENGL 250
 8308005 A1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 8308010 A2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 8308015 B1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 8308020 B2 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 BIOLOGICL COMMUNICA ENGL 312 3 CREDITS
 Prereq: ENGL 250
 Note: SECTS MEET IN A COMPUTER LAB AT LEAST 1 DAY PER
 WEEK. THE OTHER MEETINGS WILL BE IN A TRADITIONAL
 CLASSROOM.
 COURSE IS RESTRICTED TO MAJOR IN LIFE SCIENCES
 6971005 A T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 14-MAY 10
 6971010 B T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 14-MAY 10
 RHETORCL WEBSTE DSN ENGL 313 3 CREDITS
 Prereq: ENGL 250
 5597005 A1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 5597010 A2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM
 TECHNICAL COMMUNCTN ENGL 314 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 Note: SECTS MEET IN A COMPUTER LAB AT LEAST 1 DAY PER
 WEEK. THE OTHER MEETINGS WILL BE IN A TRADITIONAL
 CLASSROOM.
 COURSE IS RESTRICTED TO JUNIORS AND ABOVE
 3356005 1 MW 8:00-8:50
 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 3356010 2 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 3356015 3 MW 10:00-10:50
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 3356020 4 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 3356025 5 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 14-MAY 10

ENGLISH (CONTINUED)

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS
 3356030 6 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 14-MAY 10
 3356035 7 MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 14-MAY 10
 3356040 8 T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 14-MAY 10
 3356045 9 T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 9 RESTRICTED THE CH E MAJORS ONLY
 3356050 10 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC 10 RESTRICTED THE CH E MAJORS ONLY
 3356055 11 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 14-MAY 10
 3356060 12 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC 12 RESTRICTED THE CH E MAJORS ONLY
 3356065 13 T 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 14-MAY 10
 3356070 14 R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 14-MAY 10
 3356075 15 MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC 15 RESTRICTED TO YR 3 & 4
 3356080 16 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 14-MAY 10
 3356085 17 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 14-MAY 10
 Note: SEC 17 RESTRICTED TO YR 3 & 4
 3356090 18 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 14-MAY 10
 3356095 19 MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 14-MAY 10
 3356100 20 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 14-MAY 10
 3356115 21 WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC 21 RESTRICTED I E MAJORS ONLY
 3356120 22 WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 14-MAY 10
 3356125 23 WF 4:10-5:00
 M 4:10-5:00
 MEETS: JAN 14-MAY 10
 3356130 24 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 14-MAY 10

CRTV WRT:PLAYWRITNG ENGL 316 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 Note: COURSE IS RESTRICTED TO SOPH AND ABOVE
 3321005 A1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ENGL MAJORS ONLY
 3321010 A2 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL

TOPC LINGUIST STRUC ENGL 320X 3 CREDITS
 Prereq: ENGL 219 OR LING 219, ENGL 220 OR LING 220
 9776005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A TOPIC: CONLANGS- THE ART OF LANGUAGE CONSTRUCTION.
 RESTRICTED TO ENGL MAJORS ONLY
 9776010 B TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC B TOPIC: CONLANGS- THE ART OF LANGUAGE CONSTRUCTION.
 RESTRICTED TO LING MAJORS ONLY
 9776015 C MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC C TOPIC: COMPUTATIONAL LINGUISTICS

LANGUAGE & SOCIETY ENGL 322 3 CREDITS
 Prereq: ENGL 219 OR LING 219
 3054005 A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

ENGLISH (CONTINUED)

TEACH ESL:ORAL COMM ENGL 325 3 CREDITS
 3196005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

SCIENCE FICTION ENGL 330 3 CREDITS
 Prereq: ENGL 250
 3312005 A1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3312010 A2 TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 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
 3325005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10

RHETORICAL TRADITNS ENGL 350 3 CREDITS
 Prereq: ENGL 250
 8387005 A1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM MAJORS ONLY
 TOPIC: HISTORY & THEORY OF RHETORIC
 8387010 A2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM
 TOPIC: HISTORY & THEORY OF RHETORIC
 8387015 B1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 8387020 B2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3330010 A2 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 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
 5370005 A1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 5370010 A2 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

STU 19TH C AMER LIT ENGL 362 3 CREDITS
 Prereq: ENGL 250; SOPHOMORE CLASSIFICATION
 3336005 A1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3336010 A2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

SHAKESPEARE ENGL 370 3 CREDITS
 Prereq: ENGL 250
 Note: Meets international perspectives reqmt
 3341005 A1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3341010 A2 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM

TCH RDNG OF YNG LIT ENGL 396 3 CREDITS
 Prereq: ENGL 250
 3350005 A1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
 3350010 A2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 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 14-MAY 10

BUSI&TECHNICAL EDIT ENGL 415 3 CREDITS
 Prereq: ENGL 302, ENGL 309, OR ENGL 314; JUNIOR CLASSIFICATION
 3358005 A1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3358010 A2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

ENGLISH

(CONTINUED)

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: JAN 14-MARCH 8
 Note: SEC 1 OFFERED FOR 8 CREDITS.
 7786010 2 ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2 OFFERED FOR 8 CREDITS.
 7786015 3 ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 7786020 4 ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 4 OFFERED FOR 8 CREDITS.
 7786025 5 ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 5 OFFERED FOR 8 CREDITS.
 7786030 6 ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 6 OFFERED FOR 8 CREDITS.
 7786035 7 ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 7 OFFERED FOR 8 CREDITS.
 7786040 8 ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 8 OFFERED FOR 8 CREDITS

SEMNR ARGUMENTATION ENGL 418 3 CREDITS
 Prereq: ENGL 310; JUNIOR CLASSIFICATION
 2718005 A TR 11:00-12:20
 MEETS: JAN 14-MAY 10

HIST OF ENGLISH LANG ENGL 420 3 CREDITS
 Prereq: ENGL/LING 219, ENGL/LING 220
 Note: NOT OPEN TO FRESHMEN OR SOPHOMORES
 3360005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

2ND LANG LRNG&TCHNG ENGL 425 3 CREDITS
 Prereq: ENGL/LING 219, JUNIOR CLASSIFICATION
 9321005 A MW 4:10-5:30
 MEETS: JAN 14-MAY 10

SEM:LIT CROSS BOUND ENGL 445 3 CREDITS
 Prereq: COMPLETION OF 9 CREDITS OF SURVEYS;
 JUNIOR CLASSIFICATION
 5391005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

IND STDY LITERATURE ENGL 490A VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
 TO LITERATURE, 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 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

INDEP STDY RHETORIC ENGL 490C VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
 TO RHETORIC, 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 CRITICISM & THEORY OF LIT, JR CLASSIFICATION,
 PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGLISH

(CONTINUED)

IND STU INSTRUC MTH ENGL 490E VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
 TO INSTRUCTIONAL METHODS AND RESEARCH, JUNIOR
 CLASSIFICATION, PERMISSION OF UNDERGRAD STUDIES COMM
 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 CREATIVE WRITING, 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 BUSINESS/TECHNICAL COMMUNICATION, JR CLASSIFICATN,
 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 INDEP STUDY TOPIC CHOSEN, 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
 UNIVERSTY HONORS STUDENTS.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV CRTV WR WRKP MU ENGL 493 3 CREDITS
 Prereq: ENGL 304, ENGL 305, OR ENGL 306;
 JUNIOR CLASSIFICATION
 4591005 A TR 11:00-12:20
 MEETS: JAN 14-MAY 10

TEACH LIT SECONDARY ENGL 494 3 CREDITS
 Prereq: ENGL 310, ENGL 397, 9 OTHER CREDITS IN
 ENGL BEYOND ENGL 250, PSYCH 333, ADMISSION TO TEACHER
 EDUCATION PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 3379005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10

INTRO TO RHET RSRCH ENGL 501 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN ENGLISH
 8090005 A M 3:10-6:00PM
 MEETS: JAN 14-MAY 10

LANGU ASSESS PRACTM ENGL 513 3 CREDITS
 Prereq: ENGL 519
 8728005 A ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

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 14-MAY 10
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

2ND LANUAGE ASSESSM ENGL 519 3 CREDITS
 Prereq: ENGL/LING 511
 3402005 A MW 3:40-5:00
 MEETS: JAN 14-MAY 10

OLD ENGL LANG & LIT ENGL 523 3 CREDITS
 Prereq: COURSE IN MEDIEVAL LITERATURE OR HISTORY
 OR HISTORY OF THE ENGLISH LANGUAGE RECOMMENDED
 2098005 A MW 3:40-5:00
 MEETS: JAN 14-MAY 10

CPR-ASSIST LANG LRN ENGL 526 3 CREDITS
 Prereq: ENGL/LING 511 OR EQUIVALENT
 3638005 A MW 11:00-12:20
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

ENGLISH (CONTINUED)

AMERIC LIT TO 1865 ENGL 532 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR
 6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE
 Note: TOPIC: GOTHIC & ENVIRONMENT
 1244005 A T 6:10-9:00PM
 MEETS: JAN 14-MAY 10

HIST RHETO THEORY I ENGL 547 3 CREDITS
 Prereq: 6 CREDITS IN ENGL
 8392005 A R 3:10-6:00PM
 MEETS: JAN 14-MAY 10

FICTION WORKSHOP ENGL 554 3 CREDITS
 Prereq: ENGL 550 AND GRADUATE ADMISSION INTO THE
 CREATIVE WRITING AND ENVIRONMENT PROGRAM
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3412005 A W 6:10-9:00PM
 MEETS: JAN 14-MAY 10

POETRY WORKSHOP ENGL 556 3 CREDITS
 Prereq: ENGL 550 AND GRADUATE ADMISSION INTO THE
 CREATIVE WRITING AND ENVIRONMENT PROGRAM
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3413005 A M 6:10-9:00PM
 MEETS: JAN 14-MAY 10

STUDIES CREATV WRIT ENGL 557 3 CREDITS
 Prereq: ENGL 550 AND GRADUATE ADMISSION INTO THE
 CREATIVE WRITING AND ENVIRONMENT PROGRAM
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.
 9075005 A TR 3:40-5:00
 MEETS: JAN 14-MAY 10

CRTV WRT TCHG INTRN ENGL 559 1- 3 CREDITS
 Prereq: PERMISSION OF PARTICIPATING INSTRUCTORS
 7431005 A ARRANGED
 MEETS: JAN 14-MAY 10
 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 WITH PERMISSION OF INSTRUCTOR.
 8229005 A ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

TOPICS STDY OF FILM ENGL 562X 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR 6 CREDITS IN
 FILM AT 300 LEVEL OR ABOVE
 9947005 A R 6:10-9:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC A TOPIC: THE FILMS OF LUIS BU?UEL

GRANT WRITING ENGL 569 1 CREDIT
 Prereq: AT LEAST TWO PRIOR YEARS OF GRADUATE
 CLASSIFICATION.
 9980005 1 MW 10:00-10:50 RUSSELL A
 MEETS: JAN 14-MARCH 8
 Note: Instructor permission required.
 9980010 2 MW 11:00-11:50 NORVELL S
 MEETS: JAN 14-MARCH 8
 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: Instructor permission required.
 3425005 A ARRANGED
 MEETS: JAN 14-MAY 10

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 14-MAY 10

SUPV PRACT LIT EDIT ENGL 589 1- 3 CREDITS
 Prereq: ENGL 550 AND PERMISSION OF INSTRUCTOR
 7611005 A ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

SPL TOP LITERATURE ENGL 590A VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TESL/LINGUI ENGL 590B VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGLISH (CONTINUED)

SPL TOP RHETOR&COMP ENGL 590C VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP RHE&PRO COMM ENGL 590E VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CREATV WRIT ENGL 590F VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP APP LING&TEC ENGL 590G VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ENGL 599 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MTHDS RHET QLTV ENGL 602A 3 CREDITS
 Prereq: ENGL 501
 1127005 A W 3:10-6:00PM
 MEETS: JAN 14-MAY 10

RSRCH MTHD APP LING ENGL 623 3 CREDITS
 Prereq: ENGL/LING 511, ENGL/LING 517,
 ENGL/LING 519
 6692005 A MW 12:40-2:00
 MEETS: JAN 14-MAY 10

CPTR-ASIST LANG TST ENGL 626 3 CREDITS
 Prereq: ENGL/LING 510, ENGL/LING 511,
 ENGL/LING 519
 7616005 A MW 11:00-12:20
 MEETS: JAN 14-MAY 10

SMNR APPLD LINGUIST ENGL 630 3 CREDITS
 Prereq: ENGL/LING 510, ENGL/LING 511
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.
 4758005 A MW 9:30-11:00
 MEETS: JAN 14-MAY 10
 Note: SEC A TOPIC: ADVANCED QUANTITATIVE
 METHODS FOR APPLIED LINGUISTICS
 4758010 B TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC B TOPIC: LEARNER LANGUAGE/SFL

MULTIMODAL WRIT PROG ENGL 631 3 CREDITS
 Prereq: ENGL 500, ENGL 503, ENGL 504, OR ENGL 603
 4913005 A T 6:10-9:00PM
 MEETS: JAN 14-MAY 10

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 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

INSECTS AND SOCIETY ENT 211 2 CREDITS
 Prereq: ENT 201
 3441005 A ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

PESTICIDE APPL CERT ENT 283 2 CREDITS
 6695005 A MW 2:10-3:00
 MEETS: JAN 14-MAY 10

INSECTS &OUR HEALTH ENT 374 3 CREDITS
 Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES
 Note: Meets international perspectives reqmt
 3445005 A TR 11:00-12:15
 MEETS: JAN 14-MAY 10

INSCTS&OUR HLTH LAB ENT 374L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN ENT 374
 6315005 W 9:00-11:50
 MEETS: JAN 14-MAY 10

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
 3446005 A TR 12:40-1:30
 T 2:10-5:00
 MEETS: JAN 14-MAY 10
 3446010 B TR 12:40-1:30
 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 3446015 C TR 12:40-1:30
 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10

ENTOMOLOGY (CONTINUED)

FND ENTOMO&PEST MGT ENT 376 3 CREDITS
 3446020 D TR 12:40-1:30
 R 2:10-5:00
 MEETS: JAN 14-MAY 10

PESTICIDES IN ENVIR ENT 450 2 CREDITS
 9834005 A MW 9:00-9:50
 MEETS: JAN 14-MAY 10

MGT DIS&PEST TGRASS ENT 452 3 CREDITS
 Prereq: HORT 351
 5299005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

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 MW 9:00-9:50
 MEETS: JAN 14-MAY 10

MGT DIS&PEST TGRASS ENT 552 3 CREDITS
 Prereq: HORT 351
 5316005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

INSECT PHYSIOLOGY ENT 555 4 CREDITS
 Prereq: ENT 370
 4042005 TR 11:00-12:20
 F 2:10-5:00
 MEETS: JAN 14-MAY 10

MEDICAL ENTOMOLOGY ENT 574 4 CREDITS
 Prereq: 9 CREDITS IN BIOLOGICAL SCIENCES
 3455005 A TR 11:00-12:15
 W 9:00-11:50
 MEETS: JAN 14-MAY 10

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 EXPR 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

ENTOMOLOGY (CONTINUED)

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 COURTNEY G
 MEETS: JAN 14-MAY 10

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

ENTREPRENEURSHIP

TRENDS&THEOR ENTREP ENTSP 485 3 CREDITS
 Prereq: MGMT 310; MGMT 313 OR MGMT 320
 Note: COURSE RESTRICTED TO BUSINESS COLLEGE
 UNDERGRADUATE STUDENTS OTHER THAN P BUS
 7260005 A TR 12:40-1:55
 MEETS: JAN 14-MAY 10

ENVIRONMENTAL SCIENCE

EXPLOR ENVIRONM SCI ENSCI 203 1 CREDIT
 Prereq: ENSCI 202
 Note: COURSE RESTRICTED TO ENSCA & ENSCS MAJORS ONLY
 Satisfactory-Fail Only.
 9529005 R 12:40-2:00
 MEETS: JAN 14-MAY 10

BIOL PROC IN ENVIRN ENSCI 251 3 CREDITS
 9536005 1A TR 12:40-1:55
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
 9536010 1B TR 12:40-1:55
 MEETS: JAN 14-MAY 10
 9536015 1C TR 12:40-1:55
 MEETS: JAN 14-MAY 10
 Note: SEC 1C RESTRICTED TO A E, BSE MAJORS ONLY

ENERGY &THE ENVIRON ENSCI 324 3 CREDITS
 4865005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

NAT RES PHOTGRM&GIS ENSCI 345 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 3031005 TR 8:00-8:50
 W 1:10-4:00
 MEETS: JAN 14-MAY 10

ENVIRN SOIL SCIENCE ENSCI 360 3 CREDITS
 Prereq: AGRON 182 (OR EQUIVALENT) OR ENSCI 250
 OR GEOL 201
 1924005 1 MW 9:00-9:50
 M 1:10-3:00
 MEETS: JAN 14-MAY 10
 1924010 2 MW 9:00-9:50
 W 12:10-2:00
 MEETS: JAN 14-MAY 10
 1924015 3 MW 9:00-9:50
 W 2:10-4:00
 MEETS: JAN 14-MAY 10
 1924020 4 MW 9:00-9:50
 M 3:10-5:00
 MEETS: JAN 14-MAY 10

ECO&ENVIRON SCI GIS ENSCI 370 1- 6 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL
 SCIENCES; PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 4002005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.
 4002010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 4002015 3 ARRANGED
 MEETS: JAN 14-MAY 10

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.
 4810005 1A ARRANGED
 TR 12:10-2:00
 MEETS: JAN 14-MAY 10
 4810010 1B ARRANGED
 TR 12:10-2:00
 MEETS: JAN 14-MAY 10
 4810015 2A ARRANGED, TR 2:10-4:00
 MEETS: JAN 14-MAY 10
 4810020 2B ARRANGED, TR 2:10-4:00
 MEETS: JAN 14-MAY 10
 4810025 3A ARRANGED
 TR 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 4810030 3B ARRANGED
 TR 4:10-6:00PM
 MEETS: JAN 14-MAY 10

ENVIRONMENTAL SCIENCE (CONTINUED)

ENVIRONMENTAL SCIENCE (CONTINUED)

INTRO TO ECOSYSTEMS ENSCI 384 3 CREDITS
 Prereq: 12 CREDITS OF NATURAL SCIENCE INCLUDING BIOLOGY AND CHEMISTRY
 7124005 1A TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
 7124010 1B TR 9:30-10:50
 MEETS: JAN 14-MAY 10

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: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR ENSCA, ENSCS AND GE AT MAJORS ONLY
 3386005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ENVIRONM BIOPHYSICS ENSCI 405 3 CREDITS
 Prereq: MATH 165 OR MATH 182 OR EQUIVALENT AND SOME COMPUTER PROGRAMMING EXPERIENCE (ANY LANGUAGE)
 3454005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

WORLD CLIMATES ENSCI 406 3 CREDITS
 Prereq: AGRON 206/MTEOR 206
 Note: Meets international perspectives reqmt
 2824005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

WATERSHED MANAGEMENT ENSCI 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 2830005 1 TR 9:30-10:50
 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 2830010 2 TR 9:30-10:50
 T 12:10-3:00
 MEETS: JAN 14-MAY 10

APP GRNDWTR FLW MOD ENSCI 414 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 3068005 1 MW 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 14-MAY 10

HYDROLOGC MDLNG&ANLY ENSCI 416 3 CREDITS
 Prereq: MATH 165 OR MATH 181; PHYS 111 OR PHYS 211; GEOL 402 OR EQUIVALENT
 8528005 MW 11:00-11:50
 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

AQUEOS&ENVIR GEOCHM ENSCI 419 3 CREDITS
 Prereq: CHEM 178, CHEM 178L, JUNIOR CLASSIFICATN
 5015005 TR 11:00-11:50
 F 1:10-3:00
 MEETS: JAN 14-MAY 10

STABLE ISOTOPES ENV ENSCI 426 3 CREDITS
 Prereq: 4 COURSES IN BIOLOGICAL OR PHYSICAL SCI
 6844005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

APPL&ENVIR GEOPHYSC ENSCI 451 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; ALGEBRA AND TRIGONOMETRY
 3090005 MW 10:00-10:50
 F 10:00-10:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Equipment use and field trips & travel fee \$70.00

GIS FOR GEOSCIENTST ENSCI 452 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3093005 1 MW 4:10-5:00
 F 4:10-5:00
 MW 5:10-6:00PM
 MEETS: JAN 14-MAY 10

SOIL FORMATN&LANDSC ENSCI 463 3 CREDITS
 Prereq: AGRON 182 (OR EQUIVALENT) OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 1935005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Equipment use and field trips & travel fee \$60.00
 1935015 2 ARRANGED
 MEETS: JAN 14-MAY 10

SURFICIAL PROCESSES ENSCI 479 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201 OR EQUIVALENT EXPERIENCE
 5026005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: Equipment use and field trips & travel fee \$65.00

ENVIRONM BIOGEOCHEM ENSCI 483X 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOLOGY, CHEMISTRY, AND PHYSICS
 4226005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

ECOSYSTEM ECOLOGY ENSCI 484 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOL AND CHEM
 8720005 A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 8720010 B MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

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 14-MAY 10

GLOBAL CHANGE ENSCI 504 3 CREDITS
 Prereq: 4 COURSES IN PHYSICL OR BIOL SCI OR ENGR; JUNIOR, SENIOR, OR GRAD STANDING
 4428005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ENVIRONM BIOPHYSICS ENSCI 505 3 CREDITS
 Prereq: MATH 165 OR MATH 182 OR EQUIVALENT AND SOME COMPUTER PROGRAMMING EXPERIENCE (ANY LANGUAGE)
 4430005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

WATERSHED MANAGEMNT ENSCI 507 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY. JUNIORS & SENIORS NEED THE PERMISSION OF INSTRUCTOR
 3868005 1 TR 9:30-10:50
 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 3868010 2 TR 9:30-10:50
 T 12:10-3:00
 MEETS: JAN 14-MAY 10

APP GRNDWTR FLW MOD ENSCI 514 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 3120005 1 MW 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 14-MAY 10

ENVIRONMNTL GEOCHEM ENSCI 519 3 CREDITS
 Prereq: GEOL 511 OR EQUIVALENT
 3149005 TR 11:00-11:50
 F 1:10-3:00
 MEETS: JAN 14-MAY 10

WTR POLL CNTRL PROC ENSCI 522 3 CREDITS
 Prereq: C E 521
 4517005 1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

STABLE ISOTOP&ENVIR ENSCI 526 3 CREDITS
 Prereq: 4 COURSES IN PHYSICAL OR BIOL SCIENCE
 3178005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

SOLID&HAZ WASTE MGT ENSCI 528 3 CREDITS
 Prereq: C E 326 OR BACKGROUND COURSES IN BOTH ENVIRONMENTAL CHEMISTRY AND MICROBIOLOGY, JUNIOR STANDING
 8403005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

APPL&ENVIR GEOPHYSC ENSCI 551 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; ALGEBRA AND TRIGONOMETRY
 3199005 MW 10:00-10:50
 F 10:00-10:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Field trips & travel fee \$70.00

ENVIRONMENTAL SCIENCE (CONTINUED)

GIS FOR GEOSCIENTST ENSCI 552 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3217005 1 MW 4:10-5:00
 F 4:10-5:00
 MW 5:10-6:00PM
 MEETS: JAN 14-MAY 10

SOIL-PLANT RELATION ENSCI 553 3 CREDITS
 Prereq: AGRON 354
 6258005 1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

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
 3244005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Equipment use and field trips & travel fee \$60.00
 3244015 2 ARRANGED
 MEETS: JAN 14-MAY 10

SURFC WTR HYDROLOGY ENSCI 571 3 CREDITS
 Prereq: C E 372
 4567005 1 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

SOIL PHYSICS ENSCI 577 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 AND MATH 166
 7360005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

LAB MTHD SOIL PHYSC ENSCI 578 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN ENSCI 577
 7362005 1 M 1:10-4:00
 MEETS: JAN 14-MAY 10

ENVIRONM BIOGEOCHEM ENSCI 583X 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOLOGY,
 CHEMISTRY, AND PHYSICS
 4254005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

ADV ECOSYSTEM ECOL ENSCI 584 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOLOGY AND CHEM
 5036005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

SPECIAL TOPICS ENSCI 590 VAR. CREDITS
 Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL
 SCIENCE FACULTY
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENVIRON SCI ENSCI 698 1- 3 CREDITS
 3117005 M 4:10-5:00
 MEETS: JAN 14-MAY 10
 Note: THIS SECTION IS REQUIRED ENSCI SEMINAR.
 3117010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SECTION 2 TOPIC: STABLE ISOTOPE APPLICATIONS IN
 ECOLOGY, EVOLUTION, AND ORGANISMAL BIOLOGY.

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
 2019
 3418005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

GEOLOGICL DISASTERS ENV S 111 1 CREDIT
 9170005 TR 9:30-10:20
 MEETS: MARCH 11-MAY 10

INTR RENEW RESOURCS ENV S 120 3 CREDITS
 5141005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

NAT RESOURCES &AGRI ENV S 130 3 CREDITS
 2836005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

WORLD WATER RESOURC ENV S 160 3 CREDITS
 Note: Meets international perspectives reqmt
 6343005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

BIODIVERSITY ENV S 204 2 CREDITS
 Prereq: ONE COURSE IN LIFE SCIENCES
 Note: CREDIT IN BIOL 204 OR ENV S 204 MAY NOT BE
 APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
 3909005 TR 9:00-10:50
 MEETS: MARCH 11-MAY 10

ENVIRONMENTAL STUDIES (CONTINUED)

GLOBAL SUSTAINABLY ENV S 220 3 CREDITS
 Note: T SC 220/ANTHR 220/ENV S 220/GLOBE 220/MAT E 220/
 M E 220/SOC 220 MAY NOT BE APPLIED AS TECHNICAL
 ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 3862005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ENERGY &THE ENVIRON ENV S 324 3 CREDITS
 Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD
 CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
 7863005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

WORLD FOOD ISSUES ENV S 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1733005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 1733010 2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 1733015 3 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 1733020 4 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 1733025 5 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

POPULATION &SOCIETY ENV S 345 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 Note: Meets international perspectives reqmt
 3462005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 3462010 B MWF 2:00-3:00
 MEETS: JAN 14-MAY 10

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
 5510005 A1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 5510010 A2 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

ENERGY&ENVIRON ECON ENV S 380 3 CREDITS
 Prereq: ECON 101
 7578005 1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

ENVIRONMENTL SOCIOL ENV S 382 3 CREDITS
 Prereq: SOC 130, SOC 134, OR 3 CREDITS OF ENV S
 Note: SEC A1,B1 RESTRICTED TO AG SO, SOC, P S A MAJORS
 SEC A2,B2 FOR MAJORS OTHER THAN AG SO, SOC, P S A
 7579005 A1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 7579010 A2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS
 Prereq: APPROVAL OF THE ENV S COORDINATOR
 Note: COURSE OFFERED FOR 1-4 CREDITS SPRING 2019.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENV S 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR ENSCA,
 ENSCS AND GE AT MAJORS ONLY
 8673005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

WATERSHED MANAGMENT ENV S 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 5143005 1 TR 9:30-10:50
 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 5143010 2 TR 9:30-10:50
 T 12:10-3:00
 MEETS: JAN 14-MAY 10

SUSTNBLE&ENVIR HORT ENV S 424 3 CREDITS
 5150005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

CONTRV NAT RSRC MGT ENV S 460 3 CREDITS
 Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND
 JUNIOR CLASSIFICATION
 2880005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 2880010 2 MW 11:00-12:20
 MEETS: JAN 14-MAY 10

SUSTAINABLE COMMUNT ENV S 484 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7275005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ENVIRONMENTAL STUDIES (CONTINUED)

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 2019.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN ENV S 491 3 CREDITS
 Prereq: 6 CREDITS IN NATURAL SCIENCES
 3478005 A W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

EVENT MANAGEMENT

EVNT SOPH MENTORSHIP EVENT 203X 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION; AESHM 113; EVENT 271; BY APPLICATION ONLY
 Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
 9935005 T 5:10-7:00PM
 MEETS: JAN 14-MAY 10

DIGTL PRODCTN EVENT EVENT 212X 3 CREDITS
 Prereq: CLASSIFICATION IN THE EVENT MGT MAJOR
 7587005 1 T 8:00-10:50, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Materials, field trips &/or travel fee \$50.00
 7587010 2 R 8:00-10:50, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Materials, field trips &/or travel fee \$50.00

INTRO EVENT MANAGMT EVENT 271 3 CREDITS
 6726005 1A TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 6726010 1B TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 6726015 1C TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1C FOR MAJORS OTHER THAN A M D, EVENT, HRI, HSP M

INTRO DIGITAL PROMO EVENT 277X 3 CREDITS
 Prereq: EVENT 271
 7588005 1A TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY
 7588010 1B TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1B RESTRICTED TO A M D, HSP M MAJORS

CONTRMPRARY CLUB MGT EVENT 289 3 CREDITS
 Prereq: HSP M 101
 1429005 1A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO HRI, HSP M MAJORS ONLY
 1429010 1B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1B RESTRICTED EVENT MAJORS ONLY

AMUSEMNT PARK ADMIN EVENT 320 3 CREDITS
 Prereq: HRI 101 OR PERMISSION OF INSTRUCTOR
 2041005 1A MW 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M MAJORS ONLY
 2041010 1B MW 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI, HSP M.

EVENT SALES EVENT 367X 3 CREDITS
 Prereq: EVENT 271, AESHM 340
 Note: COURSE RESTRICTED TO EVENT MAJOR ONLY
 7589005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

CONFNRNC&MTG PLANNNG EVENT 371 3 CREDITS
 Prereq: EVENT 271 AND JUNIOR STANDING
 1350005 1A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY
 1350010 1B MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1B RESTRICTED TO A M D, HRI, HSP M MAJORS ONLY
 1350015 1C MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1C FOR MAJORS OTHER THAN A M D, EVENT, HRI, HSP M

SUSTAINBL EVENT MGT EVENT 378 3 CREDITS
 Prereq: EVENT 271, CLASSIFICATN AS AN EVENT MAJOR
 9933005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

INTL MTG&CNFRNC MGT EVENT 423 3 CREDITS
 Prereq: EVENT 271, EVENT 371
 4099005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

EVENT MANAGEMENT (CONTINUED)

SPIAL EVENTS COORD EVENT 471 3 CREDITS
 Prereq: EVENT 371; JUNIOR STANDING; PERMISSION OF INSTRUCTOR
 6904005 1A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY.
 6904010 1B MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

EVENT MGT PRODUCTN EVENT 485X 3 CREDITS
 Prereq: EVENT 471; CLASSIFICATION AS AN EVENT MANAGEMENT MAJOR; APPLICATION AND INSTRUCTOR PERMISSN
 Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
 7591005 1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

INDEP STDY CONFERNCE EVENT 490B VAR. CREDITS
 Prereq: APPROVAL OF PROGRAM COORDINATOR
 Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY SPCL EVNTS EVENT 490C VAR. CREDITS
 Prereq: APPROVAL OF PROGRAM COORDINATOR
 Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY EVENT MGT EVENT 490D VAR. CREDITS
 Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FAMILY&CONSUMER SCIENCES ED&STUDIES

PLAN&ASESMT FMLY ED FCEDS 413 4 CREDITS
 Prereq: FCEDS 306
 3985005 TR 1:10-4:50
 MEETS: JAN 14-MAY 10

SUPR TCHG VOC FAMLY 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 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM OFFERED FOR 8 CREDITS
 3987005 1 ARRANGED
 MEETS: JAN 14-MAY 10

SUPV TCHG FAMLY 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 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM OFFERED FOR 3-8 CREDITS
 3988005 1 ARRANGED
 MEETS: JAN 14-MAY 10

PRE-TCHG PRCTCM:LAB FCEDS 480A 1 CREDIT
 Prereq: FCEDS 306, ADMISSION TO TEACHER EDUCATION
 Note: RESTRICTED TO STUDENTS WITH ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM Satisfactory-Fail Only.
 9460005 ARRANGED
 MEETS: JAN 14-MAY 10

PRE-TCHG PRA:DV SET FCEDS 480B 1 CREDIT
 Prereq: FCEDS 306, ADMISSION TO TEACHER EDUCATION
 Note: RESTRICTED TO STUDENTS WITH ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM Satisfactory-Fail Only.
 9484005 A ARRANGED
 MEETS: JAN 14-MAY 10

INDEP STUDY GENERAL FCEDS 490G VAR. CREDITS
 Prereq: DEPARTMENTAL APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV EXPRNC COMMUNC FCEDS 491A 3- 8 CREDITS
 Prereq: HD FS 449; 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED
 Satisfactory-Fail Only.
 2261005 ARRANGED
 MEETS: JAN 14-MAY 10

SUPV EXPRNC PRO STU FCEDS 491B 3- 8 CREDITS
 Prereq: HD FS 418B; 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED
 Satisfactory-Fail Only.
 2272005 ARRANGED
 MEETS: JAN 14-MAY 10

FINANCE

PRINCIPL OF FINANCE FIN 301 3 CREDITS
 Prereq: ACCT 284, ECON 101, STAT 226
 Note: SEC A,B,C,D,E,F,J,K,L,M RESTRICTED TO BUSINESS COLLEGE AG B, AN S & DY S UNDERGRAD MAJORS. SEC G FOR ALL OTHER COLLEGES OTHER THAN BUS & AG B, AN S, & DY S ALSO NOT OPEN TO P BUS MAJORS.
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

3689005 A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

3689010 B MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

3689015 C MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

3689020 D MW 5:10-6:25PM
 MEETS: JAN 14-MAY 10

3689025 E TR 8:00-9:20
 MEETS: JAN 14-MAY 10

3689030 F TR 9:30-10:50
 MEETS: JAN 14-MAY 10

3689035 G TR 12:40-1:55
 MEETS: JAN 14-MAY 10

Note: SEC G FOR ALL OTHER COLLEGES OTHER THAN BUS & AG B, AN S & DY S ALSO NOT OPEN TO P BUS MAJORS

3689040 J TR 12:40-1:55
 MEETS: JAN 14-MAY 10

3689045 K TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10

3689050 L TR 2:10-3:25
 MEETS: JAN 14-MAY 10

3689055 M MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

3691010 A2 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

3691015 B1 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

3691020 B2 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

3691025 C1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

3691030 C2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

3691035 D1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

3691040 D2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

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, ENTSP, MGMT, MIS, MKT, SCM MAJORS ONLY.

3692005 A1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

3692010 A2 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

3692015 B1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

3692020 B2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

3692025 C1 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

3692030 C2 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

3692035 D1 TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10

3692040 D2 TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10

FIXD INCOME SECURTI FIN 327 3 CREDITS
 Prereq: FIN 301
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

8796005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

6829010 A2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

6829015 B1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

6829020 B2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

FINANCE

(CONTINUED)

PERSNL RISK MGT&INS FIN 361 3 CREDITS
 Prereq: ECON 101
 Note: NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION 1200 GERDIN.

3693005 A1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

3693010 A2 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

Note: SEC A2 IS RESTRICTED TO F C P MAJORS ONLY.

3693015 B1 TR 3:40-4:45
 MEETS: JAN 14-MAY 10

Note: SEC B1 RESTRICTED TO FIN MAJORS ONLY

3693020 B2 TR 3:40-4:45
 MEETS: JAN 14-MAY 10

Note: SEC B2 IS RESTRICTED TO F C P MAJORS ONLY.

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.
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

3690005 A1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

3690010 A2 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

3690015 B1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

3690020 B2 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

BUS FINANCG DECISNS FIN 415 3 CREDITS
 Prereq: FIN 301
 Note: NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION 1200 GERDIN.

3698005 A1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY.

3698010 A2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

Note: SEC A2 FOR BUSINESS COLLEGE MAJORS 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.

3697005 A1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

3697010 A2 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

3697015 B1 TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10

Note: SEC B1 RESTRICTED TO FIN MAJORS ONLY

3697020 B2 TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10

Note: SEC B2 FOR MAJORS OTHER THAN FIN OR P BUS

SECUR ANALY&PORTFOL FIN 425 3 CREDITS
 Prereq: FIN 320, STAT 326 AND PERMISSION OF INSTRUCTOR

7201010 A W 6:40-9:25PM
 MEETS: JAN 14-MAY 10

Note: SEE 2330 GERDIN - FINANCE DEPT FOR AN APPLICATION Instructor permission required.

ADV FIXD INCM ANALY FIN 428 3 CREDITS
 Prereq: FIN 327, FIN 320, STAT 326
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

7492005 A1 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

7492010 A2 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

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
 Note: COURSE RESTRICTED TO AG B, FIN UNDERGRADS ONLY

8935005 A TR 3:40-4:55
 MEETS: JAN 14-MAY 10

BANK MGT DECISIONS FIN 445 3 CREDITS
 Prereq: STAT 326; FIN 330 OR ECON 353
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

3696005 A1 T 6:40-9:25PM
 MEETS: JAN 14-MAY 10

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

3696010 A2 T 6:40-9:25PM
 MEETS: JAN 14-MAY 10

Note: SEC A2 FOR BUSINESS MAJORS OTHER THAN FIN OR P BUS

FINANCE (CONTINUED)

FINANCE (CONTINUED)

ANALYTICAL FINANCE FIN 450X 3 CREDITS
 Prereq: STAT 326; ECON 301 OR FIN 301
 Note: COURSE RESTRICTED TO BUSINESS COLLEGE UNDERGRADS EXCEPT P BUS
 8455005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

CORPOR RISK MGT&INS FIN 462 3 CREDITS
 Prereq: FIN 301 AND STAT 326
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 9268005 A1 MW 5:10-6:25PM
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 9268010 A2 MW 5:10-6:25PM
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR BUSINESS MAJORS OTHER THAN FIN, P BUS

REAL ESTATE FINANCE FIN 472 3 CREDITS
 Prereq: FIN 301 AND STAT 326
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 4555005 A1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY.
 4555010 A2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

REAL ESTATE INVESTM FIN 474 3 CREDITS
 Prereq: FIN 301, FIN 371
 9641005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

INTRNATIONL FINANCE FIN 480 3 CREDITS
 Prereq: FIN 310 OR FIN 320 OR FIN 330
 Note: COURSE RESTRICTED BUSINESS COLLEGE UNDERGRADS NOT OPEN TO P BUS OR GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
 5131005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 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 14-MAY 10
 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 14-MAY 10
 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 14-MAY 10
 Note: College permission required to add during 1st week. Go to 1200 Gerdin.

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 14-MAY 10
 Note: College permission required - go to 1200 Gerdin.

FIN VALU&CORP DECIS FIN 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 9124005 A MW 7:30-10:50
 MEETS: JAN 14-FEB 20
 Note: SEC A RESTRICTED TO BUSAD GRADS ONLY

CASE STU FIN DECISN FIN 515 3 CREDITS
 Prereq: FIN 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7163005 A TR 5:10-6:50PM
 MEETS: JAN 15-APRIL 11

INVESTMENTS FIN 520 3 CREDITS
 Prereq: FIN 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 3704005 A TR 2:10-3:25
 MEETS: JAN 14-MAY 10

ADV FIXD INCM ANALY FIN 528 3 CREDITS
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 3952005 A MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

VENTURE CAP,PRIV EQ FIN 535 3 CREDITS
 Prereq: FIN 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2278005 A S 8:30-11:50
 MEETS: JAN 19-APRIL 13

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
 MEETS: JAN 14-MAY 10

SPORT PRFRMC NUTRIT FS HN 102 1 CREDIT
 1873005 1 TR 11:00-11:50
 MEETS: MARCH 11-MAY 10

INTRO CULINRY SKLLS FS HN 104 1 CREDIT
 Note: COURSE RESTRICTED TO CUSFA, CUSFH MAJORS ONLY
 8416005 1 ARRANGED
 MEETS: JAN 14-MAY 10

PROFESSNL&EDUC PREP FS HN 110 1 CREDIT
 Satisfactory-Fail Only.
 3661005 1 TR 2:10-3:00
 MEETS: JAN 14-MARCH 8

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
 MEETS: JAN 14-MAY 10

FOOD PREPARATN LAB FS HN 115 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 111 OR FS HN 214
 Note: COURSE RESTRICTED TO CUSFA, CUSFH, DIETA, DIETH, EVENT, FCEDS, FS A, FS H, HRI, HSP M, PDEXA, PDEXH NS A, NS H, P DTH, P DTA MAJORS ONLY
 2922005 1 M 2:10-5:00
 MEETS: JAN 14-MAY 10
 2922010 2 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 2922015 3 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 2922020 4 1:10-4:00
 MEETS: JAN 14-MAY 10

INTRO HUMAN NUTRITN FS HN 167 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
 3600005 1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

ISSU FOOD SCI&NUTRI FS HN 203 1 CREDIT
 8685005 1 W 12:10-1:00
 MEETS: JAN 14-MAY 10
 8685010 2 R 8:00-8:50
 MEETS: JAN 14-MAY 10
 8685015 3 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 8685020 4 F 3:10-4:00
 MEETS: JAN 14-MAY 10

PRCSS FD: BASIC PRIN FS HN 207 2 CREDITS
 Prereq: FS HN 101
 4102005 1 M 12:10-1:00
 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 4102010 2 M 12:10-1:00
 W 1:10-4:00
 MEETS: JAN 14-MAY 10

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

SCIENTIF STUDY FOOD FS HN 214 3 CREDITS
 Prereq: FS HN 167 OR FS HN 265; CHEM 231 OR CHEM 331. CONCURRENT ENROLLMENT IN FS HN 115 OR FS HN 215 REQUIRED.
 3603005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

ADV FOOD PREPAR LAB FS HN 215 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN FS HN 214
 Note: COURSE RESTRICTED TO CUFSA, CUFSH, DIETA, DIETH, FS A, FS H NS A, NS H, PDEXA, PDEXH, P DTH, P DTA MAJORS ONLY
 2928005 1 TR 9:00-11:50
 MEETS: JAN 14-MAY 10

THE U.S. FOOD SYSTM FS HN 242 3 CREDITS
 2950005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

NUTRI ACTIV LIFSTYL FS HN 265 3 CREDITS
 Prereq: FS HN 167; FS HN 264 OR CREDIT OR ENROLLMENT IN BBMB 301
 6232005 1 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

DAIRY PRODUCTS ISSU FS HN 308 3 CREDITS
 2288005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: Materials and professional support fee \$25.00

FND CULNRY FOOD SCI FS HN 314 1 CREDIT
 8446005 1 M 2:10-3:00
 MEETS: JAN 14-MAY 10

WORLD FOOD ISSUES FS HN 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1923005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 1923010 2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 1923015 3 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 1923020 4 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 1923025 5 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INTR FOOD ENGR CNCP FS HN 351 3 CREDITS
 Prereq: FS HN 207, MATH 160 OR EQUIVALENT, PHYS 111 OR EQUIVALENT
 7085005 1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

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
 3608005 1 M 3:10-4:00
 R 1:10-4:00
 MEETS: JAN 14-MAY 10
 3608010 2 M 3:10-4:00
 R 9:30-12:20
 MEETS: JAN 14-MAY 10
 3608015 3 M 3:10-4:00
 W 11:00-1:50
 MEETS: JAN 14-MAY 10

NUTRIT GROWTH & DEV FS HN 362 3 CREDITS
 Prereq: FS HN 360; CREDIT OR ENROLLMENT IN A COURSE IN PHYSIOLOGY
 7271005 1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

OBESITY &WEIGHT MGT FS HN 365 3 CREDITS
 Prereq: BIOL 256 AND BIOL 256L, OR BIOL 306
 2978005 1 T 11:00-11:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 2978010 2 M 11:00-11:50
 ARRANGED
 MEETS: JAN 14-MAY 10

COMMUNCT NUTRI MSGS FS HN 366 3 CREDITS
 Prereq: FS HN 264 OR FS HN 265
 1553005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

MED TERMNOL FOR PRO FS HN 367 1 CREDIT
 9487005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

FOOD LAWS®ULATNS FS HN 403 2 CREDITS
 Prereq: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT 200 LEVEL OR ABOVE
 3679005 1 MW 11:00-11:50
 MEETS: JAN 14-MAY 10

FOOD QUAL ASSURANCE FS HN 405 2 CREDITS
 Prereq: FS HN 214 OR FS HN 311; STAT 101 OR STAT 104
 3667005 1 MF 1:10-2:00
 MEETS: JAN 14-MAY 10

SAFTY FOOD FROM ANI FS HN 407 3 CREDITS
 Prereq: MICRO 420
 1882005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

DAIRY PRODUCTS EVAL FS HN 408 1 CREDIT
 9517005 ARRANGED
 MEETS: JAN 14-MAY 10

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.
 3613005 1 M 8:00-8:50
 F 9:00-11:50
 MEETS: JAN 14-MAY 10
 3613010 2 M 8:00-8:50
 M 9:00-11:50
 MEETS: JAN 14-MAY 10
 3613015 3 M 8:00-8:50
 M 2:10-5:00
 MEETS: JAN 14-MAY 10

FOOD PRODUCT DEVELP FS HN 412 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411
 3618005 1 T 1:10-2:00
 TR 2:10-5:00
 MEETS: JAN 14-MAY 10
 3618010 2 T 1:10-2:00
 TR 2:10-5:00
 MEETS: JAN 14-MAY 10

FOOD MICROBIOL LAB FS HN 421 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302; MICRO 201L OR MICRO 302L. CREDIT OR ENROLLMENT IN FS HN/MICRO 420
 7208005 1 TR 9:30-11:30
 F 2:10-4:00
 MEETS: JAN 14-MAY 10

U.S. HEALTH SYS&PLCY FS HN 430X 2 CREDITS
 9820005 1 MW 1:10-2:00
 MEETS: JAN 14-MAY 10

ANALYSIS FOOD MRKTS FS HN 435X 3 CREDITS
 Prereq: STAT 226, ECON 235, ECON 301
 3240005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

MED NUTRI&DISEAS II FS HN 464 3 CREDITS
 Prereq: FS HN 461
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2019.
 4599005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

NUTR COUNS&ED METHD FS HN 466 3 CREDITS
 Prereq: FS HN 361 AND FS HN 362
 3616005 1 M 9:00-10:40
 W 9:00-10:40
 MEETS: JAN 14-MAY 10
 3616010 2 M 9:00-10:40
 F 9:00-10:40
 MEETS: JAN 14-MAY 10

MOLEC NU&DISEAS PRV FS HN 467 3 CREDITS
 Prereq: FS HN 360 OR EQUIVALENT
 3014005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

PRO COMM FD SC&NUTR FS HN 480 1 CREDIT
 Prereq: FS HN 203, SENIOR CLASSIFICATION IN THE DEPARTMENT
 3611005 1 T 11:00-11:50
 MEETS: JAN 14-MAY 10
 3611010 2 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 3611015 3 R 11:00-11:50
 MEETS: JAN 14-MAY 10

PACKAGING FUNDAMTLS FS HN 482X 3 CREDITS
 Prereq: STAT 101 OR STAT 104 OR STAT 105
 7739005 1 T 9:00-10:50
 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Materials fee \$25.00

ISSUES FOOD SAFETY FS HN 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS HN 272 OR HSP M 233; FS HN 419 OR FS HN 420; FS HN 403
 8347005 1 MW 2:10-3:00
 MEETS: JAN 14-MARCH 8

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

IND STUDY DIETETICS FS HN 490A 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FOOD SCI FS HN 490B 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY NUTRITION FS HN 490C 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INT'L EXP FS HN 490D 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY ENTREPREN FS HN 490E 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SUPR WORK DIETETICS FS HN 491A 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE
 APPLIED TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK FOOD SCI FS HN 491B 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE
 APPLIED TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK NUTRITION FS HN 491C 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE
 APPLIED TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK CULINARY FS HN 491D 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 4 CREDITS OF FS HN 491 MAY BE
 APPLIED TOWARD GRADUATION
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 W 3:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10

TRAVEL - INTERNATNL FS HN 496A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 6295005 FR T 6:10-8:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC FR - PRE-DEPARTURE FOR SUMMER 2019 -
 STUDY ABROAD TO FRANCE, PARIS - OFFERED FOR
 1 CREDIT

COOPERATV EDUCATION FS HN 498 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT CHAIR
 Satisfactory-Fail Only.
 8323005 1 ARRANGED
 MEETS: JAN 14-MAY 10

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

FOOD QUAL ASSURANCE FS HN 505 2 CREDITS
 Prereq: FS HN 214 OR FS HN 311; STAT 101 OR
 STAT 104
 3337005 1 MF 1:10-2:00
 MEETS: JAN 14-MAY 10

SAFTY FOOD FROM ANI FS HN 507 3 CREDITS
 Prereq: MICRO 420
 2196005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

SENSORY EVALUA WINE FS HN 509X 2 CREDITS
 Prereq: MUST BE AT LEAST 21 YEARS OF AGE;
 SENIOR CLASSIFICATION OR GRAD STATUS
 7630005 1 M 6:10-7:00PM
 M 7:10-9:00PM
 MEETS: JAN 14-MAY 10
 Note: Materials fee \$125.00

FOOD PRODUCT DEVELP FS HN 512 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411
 5580005 1 T 1:10-2:00
 TR 2:10-5:00
 MEETS: JAN 14-MAY 10

5580010 2 T 1:10-2:00
 TR 2:10-5:00
 MEETS: JAN 14-MAY 10

ADV MICROBIO&BIOTCH FS HN 522 2 CREDITS
 2313005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

U.S.HEALTH SYS&PLCY FS HN 530X 2 CREDITS
 9819005 1 MW 1:10-2:00
 MEETS: JAN 14-MAY 10

INTRO DNA TECHNIQS FS HN 542A 1 CREDIT
 Satisfactory-Fail Only.
 7123005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: JAN 15-FEB 14

INTR PROTEIN TECHNQ FS HN 542B 1 CREDIT
 Satisfactory-Fail Only.
 7100010 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: FEB 19-MARCH 28

INTRO CELL TECHNIQS FS HN 542C 1 CREDIT
 Satisfactory-Fail Only.
 7130005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: APRIL 1-MAY 2

PROCESSED FOODS FS HN 575 3 CREDITS
 Prereq: FS HN 214 OR FS HN 311; A COURSE IN
 NUTRITION
 3642005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

SEMINAR FS HN 581 1 CREDIT
 7974005 T 11:00-11:50
 MEETS: JAN 14-MAY 10

PACKAGING FUNDAMTLS FS HN 582X 3 CREDITS
 Prereq: STAT 101 OR STAT 104 OR STAT 105
 7743005 1 T 9:00-10:50
 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Materials fee \$25.00

SPCL TOPICS NUTRITN FS HN 590A 1- 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FOOD SCI FS HN 590B 1- 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING FS HN 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

ADV FD ANLYS&INSTRM FS HN 606 3 CREDITS
 Prereq: FS HN 311; OR FS HN 410; OR FS HN 511 OR
 EQUIVALENT
 3649005 1 MW 9:00-9:50
 M 10:00-12:50
 MEETS: JAN 14-MAY 10
 Note: Materials and equipment use fee \$90.00

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

SEMINAR FS HN 681 1 CREDIT
 3648005 1 W 4:10-5:00
 MEETS: JAN 14-MAY 10

SEMINAR REFLECTION FS HN 682 R CREDIT
 Satisfactory-Fail Only.
 9178005 1 W 4:10-5:00
 MEETS: JAN 14-MAY 10

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

FORESTRY

WOOD PROPERTIES &ID FOR 280 4 CREDITS
 1420005 A TR 9:30-10:50
 T 12:10-3:00
 MEETS: JAN 14-MAY 10

PESTICIDE APPL CERT FOR 283 2 CREDITS
 5219005 A MW 2:10-3:00
 MEETS: JAN 14-MAY 10

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, FOR 356, NREM 301
 Note: SOME WEDNESDAY LABS MAY BE MOVED TO SATURDAY,
 WEATHER PERMITTING.
 3718005 A MF 12:10-1:00
 W 2:10-6:00PM
 MEETS: JAN 14-MAY 10

FOREST RESOURC ECON FOR 451 4 CREDITS
 Prereq: FOR 203, MATH 150
 3731005 A MWF 10:00-10:50
 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10

ECOSYSTEM MANAGEMNT FOR 452 3 CREDITS
 Prereq: SENIOR CLASSIFICATION, NREM 120 OR
 EQUIVALENT
 Note: COURSE RESTRICTED TO SENIORS ONLY
 3732005 MW 1:10-2:00
 F 11:00-2:00
 MEETS: JAN 14-MAY 10

FORESTRY PRACTICUM FOR 454 3 CREDITS
 Prereq: 20 CREDITS IN STUDENT'S MAJOR AT
 300 LEVEL OR ABOVE
 Note: Instructor permission required 1st week.
 3734005 A F 9:00-9:50
 MW 8:00-9:50
 MEETS: JAN 14-MAY 10

ECOSYSTEM MANAGEMNT FOR 552 3 CREDITS
 Prereq: SENIOR CLASSIFICATION AND NREM 120
 OR EQUIVALENT
 Note: COURSE RESTRICTED TO GRADS ONLY
 1349005 MW 1:10-2:00
 F 11:00-2:00
 MEETS: JAN 14-MAY 10

CR COMP FOR BIOLOGY FOR 599A 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOMETRY FOR 599B 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY (CONTINUED)

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

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 1 W 4:10-5:30
 MEETS: JAN 14-MAY 10

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 9:00-9:50
 MEETS: JAN 14-MAY 10

3804010 2 MTWR 10:00-10:50
 MEETS: JAN 14-MAY 10

3804015 3 MTWR 11:00-11:50
 MEETS: JAN 14-MAY 10

INTERMED FRENCH II FRNCH 202 4 CREDITS
 Prereq: FRNCH 201
 Note: Meets international perspectives reqmt
 3809005 1 MTWR 10:00-10:50
 MEETS: JAN 14-MAY 10

3809010 2 MTWR 1:10-2:00
 MEETS: JAN 14-MAY 10

READ &WRITNG FRENCH FRNCH 302 3 CREDITS
 Prereq: FRNCH 301
 Note: Meets international perspectives reqmt
 6543005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

FRANCE TODAY FRNCH 320 3 CREDITS
 Prereq: FRNCH 202
 Note: Meets international perspectives reqmt
 2907005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

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

SPL TOP FRNC CIVILZ FRNCH 590D 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSN; 6 CR 400-LEVEL FRNCH
 Note: Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GENETICS

GENETICS ORIENTATN GEN 112 .5 CREDIT
 Note: CREDIT IN ONLY ONE OF GEN 110 OR GEN 112 OR
 GEN 112X MAY BE APPLIED TOWARD GRADUATION
 9730005 A T 2:10-3:00
 MEETS: JAN 14-MARCH 8

COOPERATIVE EDUCATN GEN 298 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR; SOPHOMORE CLASSIFICATION
 4225005 ARRANGED
 MEETS: JAN 14-MAY 10

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 14-MAY 10

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 14-MAY 10
 9560010 2 MW 10:30-11:50
 MEETS: JAN 14-MAY 10
 9560015 3 MW 10:30-11:50
 MEETS: JAN 14-MAY 10
 9560020 4 MW 1:10-2:30
 MEETS: JAN 14-MAY 10
 9560025 5 MW 1:10-2:30
 MEETS: JAN 14-MAY 10
 9560030 6 MW 3:10-4:30
 MEETS: JAN 14-MAY 10
 9560035 7 TR 9:00-10:20
 MEETS: JAN 14-MAY 10
 9560040 8 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 9560045 9 TR 1:10-2:30
 MEETS: JAN 14-MAY 10
 9560050 10 TR 3:10-4:30
 MEETS: JAN 14-MAY 10
 9560055 11 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 9560060 12 TR 1:10-2:30
 MEETS: JAN 14-MAY 10

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 3:40-5:00
 MEETS: JAN 14-MAY 10

GENOME PRSPCTV BIOL GEN 349 3 CREDITS
 Prereq: GEN 313 OR GEN 320
 9690005 A T 3:40-5:30
 R 3:40-5:30
 MEETS: JAN 14-MAY 10

MOLECULAR GENETICS GEN 409 3 CREDITS
 Prereq: BIOL 313
 3832005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

ANALYTICAL GENETICS GEN 410 3 CREDITS
 Prereq: BIOL 313 OR GEN 313
 3833005 A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO AGRON, GEN, GEN S
 MAJORS ONLY
 3833010 B MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC B FOR MAJORS OTHER THAN AGRON, GEN

INDEPENDENT STUDY GEN 490 1- 5 CREDITS
 Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
 OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEN 491 1 CREDIT
 Prereq: GEN 409
 3837005 A W 3:10-4:00
 MEETS: JAN 14-MAY 10

GENETICS

(CONTINUED)

LAB TCHG EXPERIENCE GEN 492 1- 2 CREDITS
 Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 2 CREDITS OF GEN 490 OR
 GEN 492 MAY BE APPLIED TOWARD THE GENETICS
 ADVANCED COURSE REQUIREMENT
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GENETICS GEN 495 1- 3 CREDITS
 Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
 OF 490-499 UNIVERSITY WIDE TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ATTEND&CRITIQ SEMNR GEN 496 1 CREDIT
 Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
 OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GENETICS RESEARCH GEN 499 1- 5 CREDITS
 Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION
 OF INSTRUCTOR
 Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
 OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

GENET RESRCH HONORS GEN 499H 1- 5 CREDITS
 Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION
 OF INSTRUCTOR. MEMBERSHIP IN UNIVERSITY HONORS
 PROGRAM.
 Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
 OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 14-MAY 10

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

GRAD STU SEMNR GENE GENET 690 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 9682005 W 4:10-5:00
 MEETS: JAN 14-MAY 10

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS
 9316005 SR ARRANGED
 MEETS: JAN 14-MAY 10

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

GENETICS, DEVELOPMENT & CELL BIOL

ADV MOLECULR GENETC GDCB 511 3 CREDITS
 Prereq: BIOL 313 AND BBMB 405
 2943005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

INTRO DNA TECHNIQS GDCB 542A 1 CREDIT
 Satisfactory-Fail Only.
 7089005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: JAN 15-FEB 14

INTR PROTEIN TECHNQ GDCB 542B 1 CREDIT
 Satisfactory-Fail Only.
 7092010 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: FEB 19-MARCH 28

INTRO CELL TECHNIQS GDCB 542C 1 CREDIT
 Satisfactory-Fail Only.
 7096005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: APRIL 1-MAY 2

STAT BIOINFORMATICS GDCB 568 3 CREDITS
 Prereq: BCB 567 OR BIOL 315 AND STAT 430;
 CREDIT OR ENROLLMENT IN GEN 409
 5576005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

GENETICS, DEVELOPMENT & CELL BIOL (CONTINUED)

SYSTEMS BIOLOGY 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 14-MAY 10

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 1 R 3:10-5:00, ARRANGED
 MEETS: JAN 14-MAY 10

SEMINAR IN GDCB GDCB 690 1 CREDIT
 Satisfactory-Fail Only.
 7142005 T 4:10-5:00
 MEETS: JAN 14-MAY 10

RESEARCH SEMINAR GDCB 696 1 CREDIT
 Satisfactory-Fail Only.
 8832005 1 W 4:10-5:30
 MEETS: JAN 14-MAY 10

SEM N MOLEC,C,DV BIO GDCB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2019.
 3856005 A M 3:10-5:00
 MEETS: JAN 14-MAY 10

RESEARCH GDCB 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

THE EARTH GEOL 100 3 CREDITS
 3870005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 3870010 B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

THE EARTH: LAB GEOL 100L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN GEOL 100
 7595005 1 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 7595010 2 T 1:10-3:00
 MEETS: JAN 14-MAY 10
 7595015 3 R 1:10-3:00
 MEETS: JAN 14-MAY 10
 7595020 4 R 10:00-11:50
 MEETS: JAN 14-MAY 10

ENVIRONMNTL GEOLOGY GEOL 101 3 CREDITS
 7596005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10

HIST OF EARTH: LAB GEOL 102L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN GEOL 102
 7597005 1 R 3:10-5:00
 MEETS: JAN 14-MAY 10
 7597010 2 T 3:10-5:00
 MEETS: JAN 14-MAY 10

EARTH&SPC FOR EL ED GEOL 106 2 CREDITS
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED
 8465005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 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 2:10-4:00
 MEETS: JAN 14-MAY 10
 8582010 2 M 12:10-2:00
 MEETS: JAN 14-MAY 10
 8582015 3 M 10:00-11:50
 MEETS: JAN 14-MAY 10
 8582020 4 M 5:10-7:00PM
 MEETS: JAN 14-MAY 10

GEOLOGICL DISASTERS GEOL 111 1 CREDIT
 9152005 TR 9:30-10:20
 MEETS: MARCH 11-MAY 10

EARTH,WIND&F ORIENT GEOL 113 1 CREDIT
 9686005 M 4:10-5:00
 MEETS: JAN 14-MAY 10

GEOLOGY (CONTINUED)

WORLD WATER RESOURC GEOL 160 3 CREDITS
 Note: Meets international perspectives reqmt
 3241005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY GEOL 290 1- 3 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 14-MAY 10

GEOLOGY FIELD COURS GEOL 306 1- 2 CREDITS
 Prereq: GEOL 100 OR GEOL 201, PERMISSION OF
 INSTRUCTOR
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2019
 Instructor permission required.
 3871005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: THERE IS A \$1000 TRAVEL FEE FOR THIS COURSE.

ENERGY &THE ENVIRON GEOL 324 3 CREDITS
 3045005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

STRUCTURAL GEOLOGY GEOL 356 4 CREDITS
 Prereq: GEOL 100 OR GEOL 201; PHYS 111, MATH 165
 OR MATH 181
 3882005 A MWF 9:00-9:50
 T 9:00-11:50
 MEETS: JAN 14-MAY 10

PETROLOGY GEOL 365 3 CREDITS
 Prereq: GEOL 315, GEOL 315L, GEOL 316
 3883005 1 MW 3:10-4:00
 T 2:10-5:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

APP GRNDWTR FLW MOD GEOL 414 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 3064005 1 MW 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 14-MAY 10

HYDROLGC MDLNG&ANLY GEOL 416 3 CREDITS
 Prereq: FOUR COURSES IN EARTH SCI, METEOROLOGY,
 OR ENGINEERING; JUNIOR CLASSIFICATION
 8445005 MW 11:00-11:50
 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

AQUEOUS&ENVIR GEOCHM GEOL 419 3 CREDITS
 Prereq: CHEM 178, CHEM 178L, JUNIOR CLASSIFICATN
 2314005 TR 11:00-11:50
 F 1:10-3:00
 MEETS: JAN 14-MAY 10

STABLE ISOTOPES ENV GEOL 426 3 CREDITS
 Prereq: 4 COURSES IN BIOL OR PHYSICAL SCIENCES
 6837005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

PETROL GEOSCI& ENGR GEOL 444 3 CREDITS
 3391005 MW 11:00-11:50
 T 1:10-3:00
 MEETS: JAN 14-MAY 10

APPL&ENVIR GEOPHYSC GEOL 451 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; ALGEBRA AND
 TRIGONOMETRY
 7599005 MW 10:00-10:50
 F 10:00-10:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Equipment use and field trips & travel fee \$70.00

GIS FOR GEOSCIENTST GEOL 452 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3092005 1 MW 4:10-5:00
 F 4:10-5:00
 MW 5:10-6:00PM
 MEETS: JAN 14-MAY 10

GLACIAL &QUATERNARY GEOL 474 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201 OR EQUIVALENT
 EXPERIENCE
 8422005 MW 2:10-3:00
 R 1:10-3:00
 MEETS: JAN 14-MAY 10

GEOLOGY (CONTINUED)

SURFICIAL PROCESSES GEOL 479 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201 OR EQUIVALENT
 EXPERIENCE
 8804005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: Equipment use and field trips & travel fee \$65.00

ENVIRONM BIOGEOCHEM GEOL 483X 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOLOGY,
 CHEMISTRY, AND PHYSICS
 4250005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY GEOL 490 1- 3 CREDITS
 Prereq: 6 CR IN GEOLOGY & PERMISSN OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEOL 495 1 CREDIT
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 8231005 F 4:10-6:00PM
 MEETS: JAN 14-MAY 10

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 14-MAY 10

GEOLOGY FIELD COURS GEOL 506 1- 2 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2019
 Instructor permission required.
 7600005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: THERE IS A \$1000 TRAVEL FEE FOR THIS COURSE.

APP GRNDWTR FLW MOD GEOL 514 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 3115005 1 MW 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 14-MAY 10

ENVIRONMNTL GEOCHEM GEOL 519 3 CREDITS
 Prereq: GEOL 511 OR EQUIVALENT
 2315005 TR 11:00-11:50
 F 1:10-3:00
 MEETS: JAN 14-MAY 10

STABLE ISOTOP&ENVR GEOL 526 3 CREDITS
 Prereq: 4 COURSES IN PHYSICAL OR BIOL SCIENCE
 6843005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

PETROL GEOSCI& ENGR GEOL 544 3 CREDITS
 3393005 MW 11:00-11:50
 T 1:10-3:00
 MEETS: JAN 14-MAY 10

APPL&ENVR GEOPHYSC GEOL 551 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; ALGEBRA AND
 TRIGONOMETRY
 7602005 MW 10:00-10:50
 F 10:00-10:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Field trips & travel fee \$70.00

GIS FOR GEOSCIENTST GEOL 552 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3206005 1 MW 4:10-5:00
 F 4:10-5:00
 MW 5:10-6:00PM
 MEETS: JAN 14-MAY 10

ENVR SOIL MINERLGY GEOL 555 3 CREDITS
 Prereq: AGRON 473, CHEM 178. RECOMMEND: GEOL 311.
 3893005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

EXPLORAT SEISMOLOGY GEOL 557 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; COLLEGE ALGEBRA AND
 TRIGONOMETRY
 6311005 MW 10:00-10:50
 F 10:00-10:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10

GLACIAL & QUATERNARY GEOL 574 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201
 8423005 MW 2:10-3:00
 R 1:10-3:00
 MEETS: JAN 14-MAY 10

GEOLOGY (CONTINUED)

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 HYDROGEOLOG GEOL 590H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI GEOL 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIN RESOURC GEOL 590J 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP GEOPHYSICS GEOL 590K 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP MINERALOGY GEOL 590L 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS TECTONICS GEOL 590M 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP PALEOECO&CLI GEOL 590N 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ISOTP GCHEM GEOL 590O 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTA&GIS GEOL 590P 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SRFC HYDROL GEOL 590R 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCEANOGRPHY GEOL 590S 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR GEOL 595A 1 CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8219005 F 4:10-6:00PM
 MEETS: JAN 14-MAY 10

GRADUATE SEMINAR GEOL 595B R CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8220005 F 4:10-6:00PM
 MEETS: JAN 14-MAY 10

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

ADV SEM EARTH MTRLS GEOL 610A 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7605005 ARRANGED
 MEETS: JAN 14-MAY 10

ADV SEM ECONOM GEOL GEOL 610B 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7609005 ARRANGED
 MEETS: JAN 14-MAY 10

GEOLOGY

(CONTINUED)

ADV SEM GEOTECTONIC GEOL 610E 1- 3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7606005 ARRANGED
MEETS: JAN 14-MAY 10

ADV SEM HYDROGEOLOGY GEOL 610F 1- 3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7604005 ARRANGED
MEETS: JAN 14-MAY 10

ADV SEM SURFIC PROC GEOL 610G 1- 3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7608005 ARRANGED
MEETS: JAN 14-MAY 10

ADV SEM SED&STRATIG GEOL 610H 1- 3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7607005 ARRANGED
MEETS: JAN 14-MAY 10

ADV SEM PALEOEC&CLI GEOL 610I 1- 3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
6710005 ARRANGED
MEETS: JAN 14-MAY 10

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

RSEARCH GEOSCI EDUC GEOL 699S 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 14-MAY 10
3950010 2 MTWR 11:00-11:50
MEETS: JAN 14-MAY 10
3950015 3 MTWR 1:10-2:00
MEETS: JAN 14-MAY 10

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 14-MAY 10
3954010 2 MTWR 10:00-10:50
MEETS: JAN 14-MAY 10

GERMAN

(CONTINUED)

COMPOSITION GER 302 3 CREDITS
Prereq: GER 202
Note: Meets international perspectives reqmt
3956005 1 TR 9:30-10:50
MEETS: JAN 14-MAY 10

CONVERSATN:CITY EUR GER 305 3 CREDITS
Prereq: GER 202, GER 301 RECOMMENDED
Note: Meets international perspectives reqmt
8405005 MWF 12:10-1:00
MEETS: JAN 14-MAY 10

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 14-MAY 10

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 2019.
Meets international perspectives reqmt
7143005 1 T 6:10-9:00PM
MEETS: JAN 14-MAY 10
Note: SEC 1 OFFERED FOR 3 CREDITS SPRING 2019
7143010 2 T 6:10-9:00PM
ARRANGED
MEETS: JAN 14-MAY 10
Note: SEC 2 OFFERED FOR 4 CREDITS SPRING 2019

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
3958005 1 TR 2:10-3:30
MEETS: JAN 14-MAY 10
Note: SEC 1 OFFERED FOR 3 CREDITS SPRING 2019
3958010 2 TR 2:10-3:30
MEETS: JAN 14-MAY 10
Note: SEC 2 OFFERED FOR 4 CREDITS SPRING 2019

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
***** SEE DEPT FOR REFERENCE NUMBERS

GERONTOLOGY

ADULT DEVELOPMENT GERON 234 3 CREDITS
Prereq: HD FS 102
2026005 1 TR 2:10-3:30
MEETS: JAN 14-MAY 10

RETIREM PLN&BENEFTS GERON 378 3 CREDITS
Prereq: 3 CREDITS IN INTRODUCTORY ECONOMICS
Note: Meets U.S. diversity reqmt
8564005 MWF 2:10-3:00
MEETS: JAN 14-MAY 10

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 14-MAY 10

GERONTOL PRACTICUM GERON 467 3- 6 CREDITS
Prereq: GERON 466, ADVANCE RESERVATION
Satisfactory-Fail Only.
7870005 ARRANGED
MEETS: JAN 14-MAY 10

INDEPENDENT STUDY GERON 490 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

GERONTOLOGY (CONTINUED)

SURV OF GERONTOLOGY GERON 510 1- 3 CREDITS
 3053005 W 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: OPEN SEC OFFERED FOR 1 CREDIT SPRING 2019

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

INTERNSHIP GERON 591 1- 9 CREDITS
 9810061 MS ARRANGED SHELLEY M
 MEETS: JAN 14-MAY 10
 9810077 PM ARRANGED
 MEETS: JAN 14-MAY 10

CREATIVE COMPONENT GERON 599 VAR. CREDITS
 9839077 PM ARRANGED
 MEETS: JAN 14-MAY 10

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

GLOBAL RESOURCE SYSTEMS

GLOBAL RESOURCE SYS GLOBE 201 3 CREDITS
 6635005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

ISSU GLBL RSRCE SYS GLOBE 211 1 CREDIT
 Note: NO MORE THAN 3 CREDITS OF GLOBE 211 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 COURSE RESTRICTED TO GLOBE MAJORS ONLY
 Satisfactory-Fail Only.
 6651005 1 T 3:40-5:00
 MEETS: JAN 14-MARCH 28
 Note: SEC 1 OFFERED FOR 1 CREDIT SPRING 2019
 6651010 2 R 3:40-5:00
 MEETS: JAN 14-MARCH 28
 Note: SEC 2 OFFERED FOR 1 CREDIT SPRING 2019
 6651015 3 T 3:40-5:00
 MEETS: JAN 14-MARCH 28
 6651020 4 R 3:40-5:00
 MEETS: JAN 14-MAY 10

GLOBAL SUSTAINABILITY GLOBE 220 3 CREDITS
 Note: T SC 220/ANTR 220/ENV S 220/GLOBE 220/MAT E 220/
 M E 220/SOC 220 MAY NOT BE APPLIED AS TECHNICAL
 ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 3906005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

APPRENTICESHIP GLOBE 221 R CREDIT
 Satisfactory-Fail Only.
 6652005 ARRANGED
 MEETS: JAN 14-MAY 10
 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOCIO-ECON RSRC SYS GLOBE 304 3 CREDITS
 Prereq: GLOBE 201, ECON 101 OR ECON 102
 6154005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO GLOBE MAJORS ONLY
 6154010 2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

GLB SYS INTERN PREP GLOBE 320 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5201005 W 4:10-5:00
 MEETS: JAN 14-MAY 10

INTERNSHIP - GLOBAL GLOBE 321 3- 6 CREDITS
 Prereq: GLOBE 320; JR. OR SR. CLASSIFICATION IN
 GLOBAL RESOURCE SYSTEMS MAJOR; PERMISSION OF
 INSTRUCTOR AND 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
 Meets international perspectives reqmt
 8676005 ARRANGED
 MEETS: JAN 14-MAY 10

INTERNSHIP - U.S. GLOBE 322 3- 6 CREDITS
 Prereq: GLOBE 320; JR. OR SR. CLASSIFICATION IN
 GLOBAL RESOURCE SYSTEMS MAJOR; PERMISSION OF
 INSTRUCTOR AND 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 14-MAY 10
 Note: Instructor permission required.

GLOBAL RESOURCE SYSTEMS (CONTINUED)

GOBL HEALTH DISPAR GLOBE 330X 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9883005 TR 8:00-9:50
 MEETS: JAN 14-MAY 10

ECONOMIC DEVELOPMNT GLOBE 385 3 CREDITS
 Prereq: ECON 101, ECON 102
 Note: Meets international perspectives reqmt
 3230005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUCATN GLOBE 398 R CREDIT
 Prereq: PERMISSION OF FACULTY COORDINATOR FOR THE
 MAJOR, COMPLETION OF COOPERATIVE EDUCATION APPROVAL
 FORM, REGISTRATION IN GLOBE 398X PRIOR TO COMMENCING
 WORK PERIOD
 Satisfactory-Fail Only.
 9743005 ARRANGED
 MEETS: JAN 14-MAY 10

SENIOR PROJECT GLOBE 401 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN GLOBE
 6799005 MW 3:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10

SENIOR PROJ HONORS GLOBE 401H 3 CREDITS
 8914005 MW 3:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10

GLBL RSOURC CHALLNG GLOBE 402 3 CREDITS
 6815005 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 14-MAY 10

INT'L ANIMAL AGRICU GLOBE 441 3 CREDITS
 Note: Meets international perspectives reqmt
 7435005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY GLOBE 490A 1- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE
 APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
 ***** 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 9 CREDITS OF 490 (ANY DEPT) MAY BE
 APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
 8687005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

INDEP STUDY HONORS GLOBE 490H 1- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE
 APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
 6817005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

IND STDY SERVE LRN GLOBE 490Z 1- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE
 APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
 6823005 ARRANGED
 MEETS: JAN 14-MAY 10

SERVICE LEARN INT'L GLOBE 494A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 3581005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

SERV LRNG DOMESTIC GLOBE 494B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3604005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

SVC LRNG U.S.DVRSTY GLOBE 494C 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets U.S. diversity reqmt
 9775005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS
 6903005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

GRADUATE STUDIES

PREP PUBLSHBL THSIS GR ST 529 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 9736005 T 11:00-12:20
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

RSPBL RSRCH CONDUCT GR ST 565 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 7866005 1 W 11:00-11:50
 MEETS: JAN 14-MAY 10
 7866010 2 T 1:10-2:00
 MEETS: JAN 14-MAY 10
 7866015 3 M 2:10-3:00
 MEETS: JAN 14-MAY 10
 7866020 4 F 11:00-11:50
 MEETS: JAN 14-MAY 10

GRANT WRITING GR ST 569 1 CREDIT
 Prereq: AT LEAST TWO PRIOR YEARS OF GRADUATE
 CLASSIFICATION.
 3910005 1 MW 10:00-10:50 RUSSELL A
 MEETS: JAN 14-MARCH 8
 Note: SEC 1: FOCUS ON THE NSF
 Instructor permission required.
 3910010 2 MW 11:00-11:50 NORVELL S
 MEETS: JAN 14-MARCH 8
 Note: SEC 2: FOCUS ON FULBRIGHT, ARTS, HUMANITIES
 FUNDING
 Instructor permission required.

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 3:40-6:40PM BENDER H
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 Note: Instructor permission required.

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 1 ARRANGED BENDER H
 MEETS: JAN 14-MAY 10
 Note: SEC 1: PFF
 Instructor permission required.
 8341010 2 ARRANGED BENDER H
 MEETS: JAN 14-MAY 10
 Note: SEC 2: CIRT
 Instructor permission required.
 8341015 3 ARRANGED BENDER H
 MEETS: JAN 14-MAY 10
 Note: SEC 3: TAR
 Instructor permission required.

DOC PRELIM REGISTRA GR ST 680 R CREDIT
 Note: SEE GRADUATE COLLEGE HANDBOOK FOR SPECIFIC
 REQUIREMENTS
 SIGNATURE REQUIRED: GRADUATE COLLEGE, 1137 PEARSON.
 College permission required.
 7349005 ARRANGED
 MEETS: JAN 14-MAY 10

REQD REG:DOC CONTIN GR ST 681A 1 CREDIT
 Prereq: MUST HAVE TAKEN AND PASSED PRELIMINARY
 ORAL EXAM
 Note: CREDIT IN GR ST 681A MAY NOT BE APPLIED
 TOWARD GRADUATION
 Satisfactory-Fail Only.
 8116005 ARRANGED
 MEETS: JAN 14-MAY 10

REQD REG:FINAL EXAM GR ST 681B 1 CREDIT
 Prereq: MUST HAVE COMPLETED ALL NECESSARY PROGRAM
 REQUIREMENTS TO TAKE FINAL EXAM
 Note: CREDIT IN GR ST 681B MAY NOT BE APPLIED
 TOWARD GRADUATION
 Satisfactory-Fail Only.
 8117005 ARRANGED
 MEETS: JAN 14-MAY 10

REQD REG:GRAD ASST GR ST 681C 1 CREDIT
 Prereq: MUST BE A GRADUATE ASSISTANT
 Note: CREDIT IN GR ST 681C MAY NOT BE APPLIED
 TOWARD GRADUATION
 Satisfactory-Fail Only.
 8122005 ARRANGED
 MEETS: JAN 14-MAY 10

GRADUATE STUDIES

(CONTINUED)

PRACTICAL TRAINING GR ST 697 R CREDIT
 6905005 ARRANGED
 MEETS: JAN 14-MAY 10

GRAPHIC DESIGN

GRAPH DSGN STDIO 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 MW 9:00-11:50 KANG S
 MEETS: JAN 14-MAY 10
 1786010 B MW 9:00-11:50 QUAM A
 MEETS: JAN 14-MAY 10
 1786015 C MW 9:00-11:50 FABER C
 MEETS: JAN 14-MAY 10
 1786020 D MW 9:00-11:50 URE C
 MEETS: JAN 14-MAY 10

DG PHOTO FOR GR DSN ARTGR 272 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 270 OR
 ARTGR 271
 9179005 A MW 2:10-5:00 FABER C
 MEETS: JAN 14-MAY 10
 9179010 B MW 2:10-5:00
 MEETS: JAN 14-MAY 10

GRAPHIC TECHNLYG 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 T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 14-MAY 10
 5292010 B T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 14-MAY 10
 5292015 C T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 14-MAY 10
 5292020 D T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 14-MAY 10

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 TR 9:30-12:20
 MEETS: JAN 14-MAY 10
 1820010 B TR 9:30-12:20 URE C
 MEETS: JAN 14-MAY 10
 1820015 C TR 9:30-12:20
 MEETS: JAN 14-MAY 10
 1820020 D TR 9:30-12:20
 MEETS: JAN 14-MAY 10

GR DSN MTRLS&PROCS ARTGR 372 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
 371
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1805005 A TR 6:10-7:30PM LIM H
 MEETS: JAN 14-MAY 10

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 F 11:00-11:50 CLENDENEN B
 MEETS: JAN 14-MAY 10

HIST GRAPHICS&SPORT ARTGR 383X 3 CREDITS
 9693005 A TR 12:40-1:55
 MEETS: JAN 14-MAY 10

GR DSN HIST,CRIT II ARTGR 388 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 9451005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

3D MOTION GRAPHICS ARTGR 463 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370
 OR ARTGR 371 OR ARTGR 470
 9814005 A MW 2:10-5:00
 MEETS: JAN 14-MAY 10

GRPHC DSGN CAPSTONE ARTGR 471 3 CREDITS
 Prereq: ARTGR 470 OR PERMISSION OF INSTRUCTOR
 1645005 A TR 12:40-3:30
 MEETS: JAN 14-MAY 10
 1645010 B TR 12:40-3:30 CLENDENEN B
 MEETS: JAN 14-MAY 10
 1645015 C TR 12:40-3:30
 MEETS: JAN 14-MAY 10
 1645020 D TR 12:40-3:30
 MEETS: JAN 14-MAY 10

GRAPHIC DESIGN (CONTINUED)

GRAPHIC DESIGN (CONTINUED)

ADVANCED TYPOGRAPHY ARTGR 475 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR 371, ARTGR 470 OR ARTGR 482
 Note: COURSE RESTRICTED TO ARTGR UNDERGRADS ONLY
 1888005 A MW 2:10-5:00 CURRAN P
 MEETS: JAN 14-MAY 10

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 A MW 2:10-5:00
 MEETS: JAN 14-MAY 10

GRPH DSGN PRO PRACT ARTGR 481 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR 470
 Note: Instructor permission required 1st week.
 8243005 A TR 6:10-7:30PM
 MEETS: JAN 14-MAY 10

PROFESSNL PRESNTATN ARTGR 482 2 CREDITS
 Prereq: ARTGR 470 AND CONCURRENT ENROLLMENT IN ARTGR 471
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1929005 A TR 3:40-5:30
 MEETS: JAN 14-MAY 10
 1929010 B TR 3:40-5:30
 MEETS: JAN 14-MAY 10
 1929015 C TR 3:40-5:30
 MEETS: JAN 14-MAY 10
 1929020 D TR 3:40-5:30
 MEETS: JAN 14-MAY 10

STUDIES IN GRPH DSN ARTGR 484 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO ARTGR MAJORS ONLY. OFFERED FOR 3 CREDITS SPRING 2018
 Instructor permission required 1st week.
 8261005 A ARRANGED
 MEETS: JAN 14-MAY 10
 8261010 B MW 2:10-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC B TOPIC: SOCIAL DESIGN

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

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

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

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

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

PUBLICATN DSGN:BOOKS ARTGR 492 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR 370 OR ARTGR 371
 1994005 A TR 2:10-5:00
 MEETS: JAN 14-MAY 10

GRPH DSGN FIELD STU ARTGR 497 1 CREDIT
 Prereq: ACCEPTANCE TO THE UNDERGRADUATE OR GRADUATE PROGRAMS IN GRAPHIC DESIGN
 Satisfactory-Fail Only.
 8803005 A ARRANGED BRUSKI P
 MEETS: JAN 14-MAY 10

DSGN CULTR SEMIOTIC ARTGR 520 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION IN COLLEGE OF DESIGN OR PERMISSION OF INSTRUCTOR
 9871005 A TR 2:10-3:30 BRUSKI P
 MEETS: JAN 14-MAY 10

GRAPHC DSN STDIO II ARTGR 521 3 CREDITS
 Prereq: ENROLLMENT IN THE GRAPHIC DESIGN GRADUATE PROGRAM
 9867005 A MW 12:10-3:00
 MEETS: JAN 14-MAY 10

CRITICAL MEDIA ARTGR 522 3 CREDITS
 Prereq: ENROLLMENT IN THE GRAPHIC DESIGN GRADUATE PROGRAM
 9866005 A MW 3:10-6:00PM
 MEETS: JAN 14-MAY 10

3D MOTION GRAPHICS ARTGR 563 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370 OR ARTGR 371 OR ARTGR 470
 2148005 A MW 2:10-5:00
 MEETS: JAN 14-MAY 10

ADVANCED TYPOGRAPHY ARTGR 575 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370 OR ARTGR 371 OR ARTGR 470; OR GRAD CLASSIFICATION IN THE COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO DESIGN COLLEGE GRADUATE STUDENTS
 2113005 A MW 2:10-5:00 CURRAN P
 MEETS: JAN 14-MAY 10

STUDIES IN GRPH DSN ARTGR 584 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
 Note: Instructor permission required 1st week.
 8262010 B MW 2:10-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC B TOPIC: SOCIAL DESIGN

DESIGN AND ETHICS ARTGR 589 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 4955005 A MWF 1:10-2:00 RICE K
 MEETS: JAN 14-MAY 10

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 ENROLLMENT.
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

PUBLICATN DSGN:BOOKS ARTGR 592 3 CREDITS
 Prereq: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 2158005 A TR 2:10-5:00 CURRAN P
 MEETS: JAN 14-MAY 10

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 A TR 10:00-12:50
 MEETS: JAN 14-MAY 10

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

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 14-MAY 10
 4081010 A2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 4081015 B1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 4081020 B2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 4081025 C1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 4081030 C2 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 4081035 D2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 4081040 D3 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 4082010 A2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 4082015 B1 TR 11:00-12:30
 MEETS: JAN 14-MAY 10
 4082020 B2 TR 11:00-12:30
 MEETS: JAN 14-MAY 10
 4082025 C1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

DRUG EDUCATION H S 215 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 4083005 A1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO A TR, KIN H, P ATR
 MAJORS.
 4083010 A2 TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN A TR,
 KIN H, P ATR.
 4083015 B1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC B1 RESTRICTED TO A TR, KIN H, P ATR
 MAJORS.
 4083020 B2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 4084010 2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

PRE-INTERN KIN&HLTH H S 285 1- 2 CREDITS
 Prereq: KINESIOLOGY AND HEALTH MAJOR, AND
 PERMISSION OF INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 2051005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

INSTR'S 1ST AID&CPR H S 305 2 CREDITS
 Prereq: H S 105, CURRENT STANDARD FIRST AID AND
 COMMUNITY CPR CERTIFICATION
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR
 KIN, KIN H, P DEXA, PDEXH JR & SRS.
 4086005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 4086010 2 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

COMMUN&PUBLIC HEALTH H S 310 3 CREDITS
 Prereq: H S 110
 4087005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO KIN H JUNIORS &
 SENIORS
 4087010 2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 2 FOR MAJORS OTHER THAN KIN H

HEALTH STUDIES

(CONTINUED)

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 14-MAY 10
 4088010 A2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

INTERNSH SRCH STRAT H S 385 .5 CREDIT
 Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN
 MINIMUM OF TWO SEMESTERS PRIOR TO REQUIRED INTERNSHIP
 Note: COURSE RESTRICTED TO KIN H, JRS & ABOVE & FSHNA
 & FSHNH GRADUATE STUDENTS.
 Satisfactory-Fail Only.
 3789005 1 R 2:10-3:00, ARRANGED
 MEETS: JAN 14-MARCH 8
 3789010 2 F 1:10-2:00, ARRANGED
 MEETS: JAN 14-MARCH 8

SUPV TCHG HLTH,SCDY H S 417A 16 CREDITS
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED
 Note: Department permission required.
 9508005 ARRANGED
 MEETS: JAN 14-MAY 10

TEACH HLTH SEC,ADDL H S 417B VAR. CREDITS
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED
 Note: Department permission required.
 9507005 ARRANGED
 MEETS: JAN 14-MAY 10

PHY ACTVTY EPIDEMIO H S 464 3 CREDITS
 Prereq: KIN 358 OR H S 350; STAT 101 OR STAT 401
 9726005 MW 3:10-4:30
 MEETS: JAN 14-MAY 10

INTERNSHP HLTH STDI H S 485 8-16 CREDITS
 Prereq: SENIOR CLASSIFICATION AND ADVANCE
 REGISTRATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 4095005 ARRANGED
 MEETS: JAN 14-MAY 10

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

PHY ACTVTY EPIDEMIO H S 564 3 CREDITS
 Prereq: KIN 358 OR H S 350; STAT 101 OR STAT 401
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 9727005 MW 3:10-4:30
 MEETS: JAN 14-MAY 10

HIGHER EDUCATION

HIST U.S. HIGHER ED HG ED 504 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: FOR EDUC STUDENTS ONLY - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 4111005 1 W 5:30-8:20PM
 MEETS: JAN 14-MAY 10

LEARN,LDRSHP,CMUNTY HG ED 541 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7154005 T 3:10-5:00
 MEETS: JAN 14-MAY 10

TEAMS IN ACTION HG ED 543 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7160005 T 11:00-2:00
 MEETS: JAN 14-MAY 10

STUDENT DEVELOPMENT HG ED 576 3 CREDITS
 Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM
 4118005 1 T 1:10-4:00
 MEETS: JAN 14-MAY 10
 4118010 2 M 1:10-4:00
 MEETS: JAN 14-MAY 10

HIGHER EDUCATION

(CONTINUED)

HISTORY

(CONTINUED)

ADVISING&HELP SKILLS HG ED 579 3 CREDITS
 Prereq: HG ED 574, HG ED 576
 6274005 1 W 1:10-4:00
 MEETS: JAN 14-MAY 10
 6274010 2 T 9:00-11:50
 MEETS: JAN 14-MAY 10

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
 Note: FOR EDUC STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 6275005 1 T 1:10-4:00
 MEETS: JAN 14-MAY 10

CREATIVE COMPONENT HG ED 599 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COLLEGE ORG & ADMIN HG ED 664 3 CREDITS
 4146005 A M 5:30-8:20PM
 MEETS: JAN 14-MAY 10

DIVERSITY &INCLUSION HG ED 673X 3 CREDITS
 4317005 ARRANGED
 MEETS: JAN 14-MAY 10

ADV SPECIAL TOPICS HG ED 690 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HG ED 699 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTORICAL, PHILOSOPHICAL & COMP ED

SPCL TOP HIST OF ED H P C 590A 1- 3 CREDITS
 ***** 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 195 1 CREDIT
 Prereq: CLASSIFICATION AS A HISTORY MAJOR
 9223005 1 M 10:00-10:50
 MEETS: JAN 14-MAY 10
 9223010 2 W 10:00-10:50
 MEETS: JAN 14-MAY 10

INTRO WESTERN CIV I HIST 201 3 CREDITS
 Note: Meets international perspectives reqmt
 4150005 1 MW 9:00-9:50
 R 8:00-8:50
 MEETS: JAN 14-MAY 10
 4150010 2 MW 9:00-9:50
 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 4150015 3 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 4150020 4 MW 9:00-9:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10

INTR WESTERN CIV II HIST 202 3 CREDITS
 Note: Meets international perspectives reqmt
 4151005 1 MW 12:10-1:00
 W 1:10-2:00
 MEETS: JAN 14-MAY 10
 4151010 2 MW 12:10-1:00
 W 2:10-3:00
 MEETS: JAN 14-MAY 10
 4151015 3 MW 12:10-1:00
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 4151020 4 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 4151025 5 MW 1:10-2:00
 W 2:10-3:00
 MEETS: JAN 14-MAY 10
 4151030 6 MW 1:10-2:00
 W 2:10-3:00
 MEETS: JAN 14-MAY 10
 4151035 7 MW 1:10-2:00
 W 3:10-4:00
 MEETS: JAN 14-MAY 10
 4151040 8 MW 1:10-2:00
 W 3:10-4:00
 MEETS: JAN 14-MAY 10
 4151045 9 MW 1:10-2:00
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 4151050 10 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 4151055 11 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 4151060 12 MW 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 14-MAY 10
 4151065 13 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

CHINESE CIVILIZATN HIST 207 3 CREDITS
 Note: Meets international perspectives reqmt
 4152005 1 MWF 9:00-9:50
 R 8:00-8:50
 MEETS: JAN 14-MAY 10
 4152010 2 MWF 9:00-9:50
 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 4152015 3 MWF 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 4152020 4 MWF 9:00-9:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10

ANCIENT EMPIRES HIST 211X 3 CREDITS
 Note: Meets international perspectives reqmt
 8921005 1 MW 11:00-11:50
 W 12:10-1:00
 MEETS: JAN 14-MAY 10
 8921010 2 MW 11:00-11:50
 W 1:10-2:00
 MEETS: JAN 14-MAY 10
 8921015 3 MW 11:00-11:50
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 8921020 4 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10

SURVEY U.S. HIST I HIST 221 3 CREDITS
 4155005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

SURVEY U.S. HIST II HIST 222 3 CREDITS
 4156005 1 MW 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 14-MAY 10
 4156010 2 MW 8:00-8:50
 W 10:00-10:50
 MEETS: JAN 14-MAY 10
 4156015 3 MW 8:00-8:50
 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 4156020 4 MW 8:00-8:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 4156025 5 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

HISTORY (CONTINUED)

HISTORY (CONTINUED)

SURVEY U.S. HIST II HIST 222 3 CREDITS
 4156030 6 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INTR ASIAN AMER STU HIST 225 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9579005 1 MW 10:00-10:50
 W 11:00-11:50
 MEETS: JAN 14-MAY 10

9579010 2 MW 10:00-10:50
 W 12:10-1:00
 MEETS: JAN 14-MAY 10

9579015 3 MW 10:00-10:50
 F 10:00-10:50
 MEETS: JAN 14-MAY 10

9579020 4 MW 10:00-10:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10

INTR WRLD HIS 1500- HIST 255 3 CREDITS
 Note: Meets international perspectives reqmt
 9915005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

HIST MOD EURO 1789- HIST 320 3 CREDITS
 Prereq: 3 CREDITS OF 200-LEVEL HISTORY AT
 IOWA STATE, SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 9732005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

HIST BRITISH EMPIRE HIST 327 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 Meets international perspectives reqmt
 4422005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ASIAN AM MATRL CULT HIST 333 3 CREDITS
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 Meets U.S. diversity reqmt
 2369005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

HIS CHINA 1912-PRES HIST 337 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 Meets international perspectives reqmt
 4172005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

HIST AFRICAN AMER I HIST 353 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 Meets U.S. diversity reqmt
 8745005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

AMERICAN FAMILY HIST 357 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 2241005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

AMER AGRIC II:1865- HIST 366 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE.
 4180005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

SX,CLTR ANC MEDITRR HIST 374 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN,
 OR GREEK
 Note: Meets international perspectives reqmt
 2236005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INTRO ROMAN ITALY HIST 384 2 CREDITS
 Prereq: ENROLLMENT LIMITED TO STUDENTS
 PARTICIPATING IN CL ST 385 OR HIST 385;
 INSTRUCTOR PERMISSION REQUIRED
 Note: Meets international perspectives reqmt
 3884005 1 R 3:10-5:00
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

ROMAN CIVILIZATION HIST 403 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 4193005 1 MW 3:10-4:30
 MEETS: JAN 14-MAY 10

EARLY MEDVL TRNSFRM HIST 405 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 4194005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

LONDON 1500-1800 HIST 429 3- 4 CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2019
 RESTRICTED TO SOPH & ABOVE
 8517005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

MODERN ENGLAND HIST 431 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 8634005 W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

MOD MEXICO & C AMER HIST 441 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 1199005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

AMER REVOLUTION ERA HIST 451 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 Instructor permission required 1st week.
 8415005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

U.S. 1945-PRESENT HIST 459 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 4220005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

THE GREAT PLAINS HIST 460 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 4223005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

EXPERC III:HIST/SOC HIST 480A 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 8693005 1 ARRANGED
 MEETS: JAN 14-MAY 10

AMERICAN STUFF HIST 488 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 4235005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

THE WORLD AT WAR HIST 489 3 CREDITS
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 4455005 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

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 M 2:10-5:00
 MEETS: JAN 14-MAY 10
 4238010 2 R 2:10-5:00
 MEETS: JAN 14-MAY 10

MTHDS TCHG HIST/SOC HIST 498 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN C I 480A;
 ADMISSION TO TEACHER EDUC; 30 CREDITS IN SUBJECT-
 MATTER FIELD
 7032005 1 F 1:10-4:00
 MEETS: JAN 14-MAY 10

RDGS SEM LATIN AMER HIST 513 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 4246005 M 2:10-5:00
 MEETS: JAN 14-MAY 10

MOD EUR&TCHG METHDS HIST 585 3 CREDITS
 Prereq: GRADUATE STATUS OR PERMISSION OF
 INSTRUCTOR
 3887005 W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

SPECIAL TOPICS HIST 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTORY

(CONTINUED)

DIRECTED READINGS HIST 591X 1- 3 CREDITS
 Prereq: CLASSIFICATION AS A DOCTORAL STUDENT
 IN RATE PROGRAM
 Note: NO MORE THAN 9 CREDITS IN HIST 591X MAY BE
 APPLIED TOWARD GRADUATION

 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HIST 599 1- 6 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

SEM AMER RURAL LIFE HIST 610 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9368005 T 1:10-4:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 Note: Department permission required.

UNIV HONORS SEMINAR HON 322 1- 2 CREDITS
 Prereq: MEMBERSHIP IN THE HONORS PROGRAM
 Note: CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS
 COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

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

HOME HORTICULTURE HORT 121 2 CREDITS
 4292005 MW 3:10-4:00
 MEETS: JAN 14-MAY 10

HANDS-ON HOME HORTI HORT 122 1 CREDIT
 5497005 1 M 9:00-9:50
 MEETS: JAN 14-MAY 10
 5497010 2 M 11:00-11:50
 MEETS: JAN 14-MAY 10
 5497015 3 M 1:10-2:00
 MEETS: JAN 14-MAY 10

FLORAL DESIGN HORT 131 1 CREDIT
 9661005 1 W 5:10-7:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO HORT MAJORS ONLY
 9661010 2 W 5:10-7:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC 2 FOR MAJORS OTHER THAN HORT

PRIN HORTICULTR SCI HORT 221 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN BIOL 211
 Note: COURSE RESTRICTED TO HORT MAJORS ONLY
 4296005 1 TR 9:00-9:50
 T 2:10-4:00
 MEETS: JAN 14-MAY 10
 4296010 2 TR 9:00-9:50
 R 2:10-4:00
 MEETS: JAN 14-MAY 10

PESTICIDE APPL CERT HORT 283 2 CREDITS
 5221005 A MW 2:10-3:00
 MEETS: JAN 14-MAY 10

PRO DEV:LNDSCLMPET HORT 291B 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: ONLY ONE CREDIT OF HORT 291A, 291B OR 291C
 MAY BE APPLIED TOWARD HORTICULTURE CREDITS FOR
 GRADUATION. NO MORE THAN FOUR CREDITS OF ANY
 COMBINATION OF HORT 291A, 291B OR 291C MAY BE APPLIED
 TOWARD CREDITS FOR GRADUATION.
 Satisfactory-Fail Only.
 9695000 ARRANGED
 MEETS: JAN 14-MAY 10

HORTICULTURE

(CONTINUED)

PLANT PROPAGATION HORT 322 3 CREDITS
 Prereq: HORT 221 OR BIOL 211
 4304005 1 MW 8:00-8:50
 W 10:00-11:50
 MEETS: JAN 14-MAY 10
 4304010 2 MW 8:00-8:50
 W 1:10-3:00
 MEETS: JAN 14-MAY 10

GREENHSE OPERAT&MGT HORT 332 4 CREDITS
 Prereq: HORT 221
 4306005 1 MWF 1:10-2:00
 M 2:10-5:00
 MEETS: JAN 14-MAY 10
 4306010 2 MWF 1:10-2:00
 W 2:10-5:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

SOILS & PLANT GROWTH HORT 354 3 CREDITS
 Prereq: AGRON 182 OR EQUIVALENT; BIOL 101
 8494005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10
 8496010 2 W 1:10-4:00
 MEETS: JAN 14-MAY 10
 8496015 3 R 1:10-4:00
 MEETS: JAN 14-MAY 10

PRIN GARDEN COMPOSI HORT 380 2 CREDITS
 7264005 TR 9:30-10:20
 MEETS: JAN 14-MAY 10

BEG GARDN COMP STDO HORT 381 2 CREDITS
 Prereq: HORT 281; HORT 240 OR HORT 330;
 CONCURRENT ENROLLMENT IN HORT 380
 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 14-MAY 10
 7284010 2 MW 1:10-3:00
 MEETS: JAN 14-MAY 10

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 REQUIREMNTS.
 2 ADDITIONAL CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.

 SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN HORT 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT RESOURCE AND
 CAREER CENTER COORDINATOR
 Satisfactory-Fail Only.
 3652005 ARRANGED
 MEETS: JAN 14-MAY 10

SUSTNBLE&ENVIR HORT HORT 424 3 CREDITS
 8866005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

SPRING GREENHS CROP HORT 435 3 CREDITS
 Prereq: HORT 330 AND HORT 332
 2659005 MW 9:00-9:50
 R 2:10-5:00
 MEETS: JAN 14-MAY 10
 Note: Materials, field trips &/or travel fee \$100.00

PROF TURFGRASS MGMT HORT 451 2 CREDITS
 Prereq: HORT 351
 4319005 TR 2:10-3:00
 MEETS: JAN 14-MAY 10

MGT DIS&PEST TGRASS HORT 452 3 CREDITS
 Prereq: HORT 351
 5311005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

FRUIT CROP PROD&MGT HORT 461 3 CREDITS
 Prereq: HORT 221
 4320005 MW 11:00-11:50
 M 2:10-4:00
 MEETS: JAN 14-MAY 10
 Note: Materials, field trips &/or travel fee \$50.00

HORTICULTURE

(CONTINUED)

ORGANC AG:THRY&PRAC HORT 484 3 CREDITS
 Prereq: 9 CR. IN BIOLOGICAL OR PHYSICAL SCIENCES
 3190005 1 T 6:10-9:00PM
 MEETS: JAN 14-MAY 10

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 129 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 129 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 129 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 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 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 129 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 129 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 129 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 129 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

SEED SCI INTERNSHIP HORT 491 1- 2 CREDITS
 Prereq: AGRON 338, ADVANCED APPROVAL AND
 PARTICIPATION OF EMPLOYER AND INSTRUCTOR
 Note: Instructor permission required.
 9370005 1 ARRANGED
 MEETS: JAN 14-MAY 10

HORTICULTURE

(CONTINUED)

SERVICE LEARN INT'L HORT 494A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: A MAXIMUM OF 4 CREDITS OF 494 MAY BE APPLIED
 TOWARD THE HORTICULTURE CREDITS REQUIRED FOR GRADUATN
 3147005 ARRANGED
 MEETS: JAN 14-MAY 10

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 14-MAY 10

SUSTNBLE&ENVIR HORT HORT 524 3 CREDITS
 4105005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INTRO DNA TECHNIQS HORT 542A 1 CREDIT
 Satisfactory-Fail Only.
 3106005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: JAN 15-FEB 14

INTR PROTEIN TECHNQ HORT 542B 1 CREDIT
 Satisfactory-Fail Only.
 7109010 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: FEB 19-MARCH 28

INTRO CELL TECHNIQS HORT 542C 1 CREDIT
 Satisfactory-Fail Only.
 3107005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: APRIL 1-MAY 2

STRAT DIVERSFD FARM HORT 546 3 CREDITS
 Prereq: SUSAG 509
 6120005 1 ARRANGED
 MEETS: JAN 14-MAY 10

MGT DIS&PEST TGRASS HORT 552 3 CREDITS
 Prereq: HORT 351
 4336005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

ORGANC AG THRY&PRAC HORT 584 3 CREDITS
 Prereq: 9 CR. IN BIOLOGICAL OR PHYSICAL SCIENCES
 3403005 1 T 6:10-9:00PM
 MEETS: JAN 14-MAY 10

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 14-MAY 10

ADVANCED TOPICS HORT 690 VAR. CREDITS
 4348005 ARRANGED
 MEETS: JAN 14-MAY 10

RESEARCH SEMINAR HORT 696 1 CREDIT
 Satisfactory-Fail Only.
 8833005 1 W 4:10-5:30
 MEETS: JAN 14-MAY 10

HORT TEACH PRACTICM HORT 698 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 6171005 ARRANGED
 MEETS: JAN 14-MAY 10

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

HORTICULTURE

(CONTINUED)

RSRCH LANDSCAP HORT HORT 699G VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOSPITALITY MANAGEMENT

INTRO HOSP TLY INDUS HSP M 101 3 CREDITS
 7306005 1A ARRANGED

Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M MAJORS ONLY
 Course delivery is WWW

7306010 1B ARRANGED
 MEETS: JAN 14-MAY 10

Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI, HSP M
 Course delivery is WWW

INTR HSPLY PFM ANLY HSP M 230 3 CREDITS
 4715005 ARRANGED

MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

HOSP SANITAT&SAFETY HSP M 233 3 CREDITS
 Note: CREDIT FOR EITHER HRI 392, OR HRI 233 AND HRI 333 MAY BE APPLIED TOWARD GRADUATION

4435005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

Note: SEC 1 RESTRICTED TO CUFS A, CUFS H, HSP M, EVENT MAJORS ONLY

4435010 2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

Note: SEC 2 RESTRICTED MAJORS OTHER THAN CUFS A, CUFS H, HRI, HSP M, EVENT

GLOBAL TOURISM MGT HSP M 260 3 CREDITS
 Note: Meets international perspectives reqmt

6738005 1 ARRANGED
 MEETS: JAN 14-MAY 10

Note: SEC 1 RESTRICTED TO EVENT, HSP M MAJORS ONLY
 Course delivery is WWW

6738010 2 ARRANGED
 MEETS: JAN 14-MAY 10

Note: SEC 2 FOR MAJORS OTHER THAN EVENT, HSP M
 Course delivery is WWW

CONTPRARY CLUB MGT HSP M 289 3 CREDITS
 Prereq: HSP M 101

9247005 1A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

Note: SEC 1A RESTRICTED TO HRI, HSP M MAJORS ONLY

9247010 1B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

Note: SEC 1B RESTRICTED TO EVENT MAJORS ONLY

HOSPITALITY LAW HSP M 315 3 CREDITS
 Prereq: HSP M 101

Note: COURSE RESTRICTED TO HRI, HSP M, EVENT MAJORS ONLY

4369005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

AMUSEMNT PARK ADMIN HSP M 320 3 CREDITS
 Prereq: HSP M 101 OR PERMISSION OF INSTRUCTOR

9570005 1A MW 2:10-3:30
 MEETS: JAN 14-MAY 10

Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M MAJORS ONLY

9570010 1B MW 2:10-3:30
 MEETS: JAN 14-MAY 10

Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI, HSP M.

QUANT FOOD PROD MGT HSP M 380 3 CREDITS
 Prereq: HSP M 233 OR 2 CREDITS IN MICRO;

FS HN 111 OR FS HN 214; FS HN 115 OR FS HN 215; JUNIOR CLASSIFICATION; ENROLLMENT IN HSP M 380L
 Note: Instructor permission required.

4358005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

QUANT FOOD PROD&MGT HSP M 380L 3 CREDITS
 Prereq: HSP M 233 OR 2 CREDITS IN MICRO;

FS HN 111 OR FS HN 214; FS HN 115 OR FS HN 215; JUNIOR CLASSIFICATION; ENROLLMENT IN HSP M 380
 Note: Instructor permission required.

4359005 1 TR 10:00-1:00
 MEETS: JAN 14-MAY 10

4359010 2 WF 10:00-1:00
 MEETS: JAN 14-MAY 10

4359015 3 TR 4:15-7:15PM
 MEETS: JAN 14-MAY 10

INTRO WINE, BEER, SPI HSP M 383 2 CREDITS
 Prereq: MUST BE AT LEAST 21 YEARS OLD

4108005 1A R 3:40-5:30
 MEETS: JAN 14-MAY 10

Note: SEC 1A RESTRICTED TO CUFSA, CUFSH, HRI, HSP M, EVENT MAJORS ONLY

4108010 1B R 3:40-5:30
 MEETS: JAN 14-MAY 10

Note: SEC 1B FOR MAJORS OTHER THAN CUFSA, CUFSH, EVENT, HRI, HSP M

4108015 2A T 3:40-5:30
 MEETS: JAN 14-MAY 10

Note: SEC 2A RESTRICTED TO CUFSA, CUFSH, HRI,

HOSPITALITY MANAGEMENT

(CONTINUED)

INTRO WINE, BEER, SPI HSP M 383 2 CREDITS
 HSP M, EVENT MAJORS ONLY

4108020 2B T 3:40-5:30
 MEETS: JAN 14-MAY 10

Note: SEC 2B FOR MAJORS OTHER THAN CUFSA, CUFSH, EVENT, HRI, HSP M

INTRO WINE, BEER LAB HSP M 383L 1 CREDIT
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN HSP M 383. MUST BE AT LEAST 21 YEARS OLD.

8018005 1 F 1:10-3:00
 MEETS: JAN 14-MAY 10

FOODSERVICE MGT II HSP M 392 3 CREDITS
 Prereq: HSP M 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 14-MAY 10

HOSP TLT FINANCL MGT HSP M 433 3 CREDITS
 Prereq: HSP M 333; ACCT 284; ECON 101; CREDIT OR ENROLLMENT IN STAT 101

9349005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

INTR STRATG MGT F&L HSP M 455 3 CREDITS
 Prereq: AESHM 340; CREDIT OR ENROLLMENT IN HSP M 433 AND AESHM 438

9580005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

INTERNSHIP HOSP TLY HSP M 470 3-6 CREDITS
 Prereq: AESHM 270, AESHM 311, 9 CREDITS IN HSP M, MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; EMPLOYER AND LOCATION MUST BE DIFFERENT THAN THOSE USED FOR AESHM 170 AND 270.

***** SEE DEPT FOR REFERENCE NUMBERS

ISSUES FOOD SAFETY HSP M 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 1 MW 2:10-3:00
 MEETS: JAN 14-MARCH 8

IND ST HOSPLITY MGT HSP M 490B VAR. CREDITS
 Prereq: PROGRAM APPROVAL

Note: NO MORE THAN 9 TOTAL CREDITS OF HSP M 290 AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.

***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HSP M 490D VAR. CREDITS
 Prereq: PROGRAM APPROVAL

Note: NO MORE THAN 9 TOTAL CREDITS OF HSP M 290 AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.

***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FOODSRVC OP HSP M 490E VAR. CREDITS
 Prereq: PROGRAM APPROVAL

Note: NO MORE THAN 9 TOTAL CREDITS OF HSP M 290 AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.

***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HSP M 490H VAR. CREDITS
 Prereq: PROGRAM APPROVAL, FULL MEMBERSHIP IN HONORS PROGRAM

Note: COURSE IS RESTRICTED TO UNIVERSITY HONORS STUDENTS. NO MORE THAN 9 TOTAL CREDITS OF HSP M 290 AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION.
 Instructor permission required 1st week.

***** SEE DEPT FOR REFERENCE NUMBERS

CURR ISS HSPLY MGT HSP M 506 1 CREDIT
 3458005 1 ARRANGED

MEETS: JAN 14-MARCH 8
 Note: Course delivery is WWW

STRATGC MGT HSPLY HSP M 555 3 CREDITS
 Prereq: COURSES IN MARKETING, FINANCE, HSP M AND MANAGEMENT. PERMISSION OF INSTRUCTOR.

4230005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

TOURISM MGT&TR BHVR HSP M 560 3 CREDITS
 Prereq: HSP M 260 OR EQUIVALENT

4610005 ARRANGED
 MEETS: JAN 14-MAY 10

SP TOP HOSP TLY MGT HSP M 590B VAR. CREDITS
 Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT

Note: Instructor permission required 1st week.

***** SEE DEPT FOR REFERENCE NUMBERS

HOSPITALITY MANAGEMENT (CONTINUED)

SP TOP LODGING OPER HSP M 590D VAR. CREDITS
 Prereq: 9 CR IN HSP M 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 HSP M 590E VAR. CREDITS
 Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND
 SUBMISSION OF APPLICATION TO DEPARTMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HSP M 599 VAR. CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONL WRITING HSP M 604 2 CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM
 8484005 1 ARRANGED
 MEETS: JAN 14-MAY 10

ADMINISTRA PROBLEMS HSP M 608 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; ENROLLMENT
 IN PH.D. PROGRAM
 Note: Instructor permission required 1st week.
 4399005 ARRANGED
 MEETS: JAN 14-MAY 10

ADV TOP HSPTLTY MGT HSP M 690B VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION
 OF APPLICATION TO DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS TOURISM HSP M 690C VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION
 OF APPLICATION TO DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC LODGING HSP M 690D VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION
 OF APPLICATION TO DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ONSITE FDSV HSP M 690F VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION
 OF APPLICATION TO DEPARTMENT
 2801008 CS ARRANGED
 MEETS: JAN 14-MAY 10

RESEARCH HSP M 699 VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN COMPUTER INTERACTION

Eval DgTL LRN ENVIR HCI 504 3 CREDITS
 Prereq: C I 501
 1781005 1 M 5:10-8:00PM
 MEETS: JAN 14-MAY 10

FOUND GAME-BSD LRNG HCI 510X 3 CREDITS
 Prereq: 12 GRADUATE CREDITS
 3749005 1 T 5:10-8:00PM
 MEETS: JAN 14-MAY 10

METHDS HUMAN&CMPUTR HCI 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7055005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

COMPUT IMPL&PROTYP HCI 574 3 CREDITS
 9226005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC A FOR MAJORS OTHER THAN COM S, E CPE
 MAJORS ONLY

COMPUTATNL PERCEPTN HCI 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 3245005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

DESIGN AND ETHICS HCI 589 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 4956005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

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
 3509005 A F 12:10-1:00
 MEETS: JAN 14-MAY 10

HUMAN COMPUTER INTERACTION (CONTINUED)

CREATIVE COMPONENT HCI 599 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV LRN ENVIR DSGN HCI 603 3 CREDITS
 Prereq: C I 503
 1844005 1 W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

HCI INTERNSHIP HCI 697 R CREDIT
 Prereq: GRAD CLASSIFICATION, PERMISSION OF
 DIRECTOR OF GRADUATE EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

INDV&FAM DEVEL&HLTH HD FS 102 3 CREDITS
 3491005 1A TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO COLLEGE OF HUMAN SCIENCES
 MAJORS ONLY

3491010 1B TR 9:30-10:50
 MEETS: JAN 14-MAY 10

3491020 2B MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

PRO PRIN WRK W CHLD HD FS 103 .5 CREDIT
 Note: CREDIT FOR EITHER HD FS 103 OR HD FS 105, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 COURSE RESTRICTED TO CH FS, ECE, P ECP, E C P,
 FCEDS MAJORS ONLY
 Satisfactory-Fail Only.
 4950005 ARRANGED
 MEETS: JAN 14-MAY 10

PRO PRIN WRK W ADLT HD FS 105 .5 CREDIT
 Note: CREDIT FOR EITHER HD FS 103 OR HD FS 105, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 COURSE RESTRICTED TO CH FS, ECE, E C P, P ECP &
 FCEDS MAJORS ONLY
 Satisfactory-Fail Only.
 4951005 ARRANGED
 MEETS: JAN 14-MAY 10

NEW TRNSFR STU SMNR HD FS 111 1 CREDIT
 Prereq: CLASSIFICATION AS A CH FS, FCEDS OR
 F C P MAJOR
 Note: COURSE RESTRICTED TO CH FS, FCEDS, F C P MAJORS
 Satisfactory-Fail Only.
 7003005 M 2:10-3:00
 MEETS: JAN 14-MAY 10

ECE TEACHER ORIENTN HD FS 208 1 CREDIT
 Note: COURSE RESTRICTED TO ECE MAJORS ONLY
 Satisfactory-Fail Only.
 4390005 W 1:10-2:00
 MEETS: JAN 14-MAY 10

PRO ORIENT&SRVC LRN HD FS 218 2 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN
 HD FS 102. CLASSIFICATION AS A CH FS MAJOR.
 Note: COURSE RESTRICTED TO CH FS MAJORS ONLY
 Satisfactory-Fail Only.
 2190005 W 12:10-2:00
 MEETS: JAN 14-MAY 10

DEVELPMT BIRTH-8YRS HD FS 224 3 CREDITS
 Prereq: HD FS 102 AND HD FS 103
 Note: LAB PLACEMENT ASSIGNED AT FIRST LECTURE.
 COURSE RESTRICTED TO CH FS, ECE, FCEDS MAJORS
 Department permission required 1st week.
 7011005 1 TR 12:40-2:00
 M 9:00-11:00
 MEETS: JAN 14-MAY 10

7011010 2 TR 12:40-2:00
 T 9:00-11:00
 MEETS: JAN 14-MAY 10

7011015 3 TR 12:40-2:00
 W 9:00-11:00
 MEETS: JAN 14-MAY 10

7011020 4 TR 12:40-2:00
 R 9:00-11:00
 MEETS: JAN 14-MAY 10

7011025 5 TR 12:40-2:00
 F 9:00-11:00
 MEETS: JAN 14-MAY 10

7011030 6 TR 12:40-2:00
 M 3:10-5:00
 MEETS: JAN 14-MAY 10

7011035 7 TR 12:40-2:00
 T 3:10-5:00
 MEETS: JAN 14-MAY 10

7011040 8 TR 12:40-2:00
 W 3:10-5:00
 MEETS: JAN 14-MAY 10

7011045 9 TR 12:40-2:00
 R 3:10-5:00
 MEETS: JAN 14-MAY 10

7011050 10 TR 12:40-2:00
 F 3:10-5:00
 MEETS: JAN 14-MAY 10

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

DEVELPMT BIRTH-8YRS HD FS 224 3 CREDITS
 7011055 11 TR 12:40-2:00
 M 9:00-11:00
 MEETS: JAN 14-MAY 10
 7011060 12 TR 12:40-2:00
 T 9:00-11:00
 MEETS: JAN 14-MAY 10
 7011065 13 TR 12:40-2:00
 W 9:00-11:00
 MEETS: JAN 14-MAY 10
 7011070 14 TR 12:40-2:00
 R 9:00-11:00
 MEETS: JAN 14-MAY 10
 7011075 15 TR 12:40-2:00
 F 9:00-11:00
 MEETS: JAN 14-MAY 10
 7011080 16 TR 12:40-2:00
 M 3:10-5:00
 MEETS: JAN 14-MAY 10
 7011085 17 TR 12:40-2:00
 T 3:10-5:00
 MEETS: JAN 14-MAY 10
 7011090 18 TR 12:40-2:00
 W 3:10-5:00
 MEETS: JAN 14-MAY 10
 7011095 19 TR 12:40-2:00
 R 3:10-5:00
 MEETS: JAN 14-MAY 10
 7011100 20 TR 12:40-2:00
 F 3:10-5:00
 MEETS: JAN 14-MAY 10

ADULT DEVELOPMENT HD FS 234 3 CREDITS
 Prereq: HD FS 102
 3401005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

CONSUMER ISSUES HD FS 239 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3494005 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

LIT FOR CHILDREN HD FS 240 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2194005 A1 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO CH FS, ECE, EL ED,
 FCEDS MAJORS ONLY
 2194010 A2 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN CH FS, ECE, EL ED,
 FCEDS
 2194015 B1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC C1 RESTRICTED TO CH FS, ECE, EL ED,
 FCEDS MAJORS ONLY
 2194020 B2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC B2 FOR MAJORS OTHER THAN CH FS, ECE, EL ED,
 FCEDS

PRNT&FAM DVRSTY ISS HD FS 249 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2207005 1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS &
 F C P MAJORS ONLY.
 2207010 2 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 Note: SEC 2 FOR MAJORS OTHER THAN CH FS, ECE, FCEDS,
 F C P

FAMILY CMM&RELATNSH HD FS 270 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 Note: Meets U.S. diversity reqmt
 7012005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

HUMAN SEXUALITY HD FS 276 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3496005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO CH FS, F C P, FCEDS
 MAJORS ONLY
 3496010 2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 3496015 3 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

PRSNL&FAMILY FINANC HD FS 283 3 CREDITS
 3499005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

FIELD EXPERIENCES HD FS 317 1- 6 CREDITS
 Prereq: 9 CREDITS IN HD FS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS FIELD EXPRNC HD FS 317H 1- 6 CREDITS
 Prereq: 9 CREDITS IN HD FS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ASS'MT&CUR:BRTH-2YR HD FS 340 4 CREDITS
 Prereq: HD FS 103, HD FS 224, ADMISSION TO
 TEACHER EDUCATION PROGRAM
 Note: LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST
 LECTURE CLASS.
 RESTRICTED TO STUDENTS ADMITTED TO TEACHER ED.
 8686005 1 TR 3:40-5:00
 M 9:00-12:00
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 8686010 2 TR 3:40-5:00
 T 9:00-12:00
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 8686015 3 TR 3:40-5:00
 W 9:00-12:00
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 8686020 4 TR 3:40-5:00
 R 9:00-12:00
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 8686025 5 TR 3:40-5:00
 F 9:00-12:00
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.

GUIDNC&GRP ERLY CHD HD FS 342 3 CREDITS
 Prereq: HD FS 103, HD FS 224
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS MAJORS.
 LAB LOCATIONS ASSIGNED AT FIRST LECTURE.
 Department permission required 1st week.

3414005 1 TR 2:10-3:00
 M 12:10-1:00
 MEETS: JAN 14-MAY 10
 3414010 2 TR 2:10-3:00
 T 12:10-1:00
 MEETS: JAN 14-MAY 10
 3414015 3 TR 2:10-3:00
 W 12:10-1:00
 MEETS: JAN 14-MAY 10
 3414020 4 TR 2:10-3:00
 R 12:10-1:00
 MEETS: JAN 14-MAY 10
 3414025 5 TR 2:10-3:00
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 3414030 6 TR 2:10-3:00
 M 3:10-4:00
 MEETS: JAN 14-MAY 10
 3414035 7 TR 2:10-3:00
 T 3:10-4:00
 MEETS: JAN 14-MAY 10
 3414040 8 TR 2:10-3:00
 W 3:10-4:00
 MEETS: JAN 14-MAY 10
 3414045 9 TR 2:10-3:00
 R 3:10-4:00
 MEETS: JAN 14-MAY 10
 3414050 10 TR 2:10-3:00
 F 3:10-4:00
 MEETS: JAN 14-MAY 10

ASESMT&PROG:AGE 3-6 HD FS 343 4 CREDITS
 Prereq: HD FS 103, HD FS 224, HD FS 240,
 ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: COURSE LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST
 LECTURE CLASS.
 RESTRICTED TO STUDENTS ADMITTED TO TEACHER ED
 2205005 1 TR 3:40-5:00
 M 9:00-12:00
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 2205010 2 TR 3:40-5:00
 T 9:00-12:00
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 2205015 3 TR 3:40-5:00
 W 9:00-12:00
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 2205020 4 TR 3:40-5:00
 R 9:00-12:00
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 2205025 5 TR 3:40-5:00
 F 9:00-12:00
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

CHILD EARLY CARE&ED HD FS 344 4 CREDITS
 Prereq: HD FS 103, HD FS 224
 Note: COURSE RESTRICTED TO CH FS MAJORS ONLY.
 1351005 1 TR 9:30-10:50
 M 2:10-5:30
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 1351010 2 TR 9:30-10:50
 T 2:10-5:30
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 1351015 3 TR 9:30-10:50
 W 2:10-5:30
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 1351020 4 TR 9:30-10:50
 R 2:10-5:30
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 1351025 5 TR 9:30-10:50
 F 2:10-5:30
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.

ADAPT PROG INCL SET HD FS 345 3 CREDITS
 Prereq: HD FS 224; SP ED 250
 Note: COURSE RESTRICTED TO CH FS, ECE MAJORS ONLY
 4449005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS, F C P MAJORS ONLY

RSEARCH METHDS HDFSD HD FS 369 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230; 9 HOURS IN HD FS; JUNIOR OR SENIOR CLASSIFICATION
 3343005 1 MWF 10:00-10:50
 M 8:00-8:50
 MEETS: JAN 14-MAY 10
 3343010 2 MWF 10:00-10:50
 W 8:00-8:50
 MEETS: JAN 14-MAY 10
 3343015 3 MWF 10:00-10:50
 F 8:00-8:50
 MEETS: JAN 14-MAY 10

RETIREM PLN&BENEFTS HD FS 378 3 CREDITS
 Prereq: 3 CREDITS IN INTRODUCTORY ECONOMICS
 Note: Meets U.S. diversity reqmt
 5751005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

FAMLY INSURNR PLNNG HD FS 384X 3 CREDITS
 9552005 W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

CHLD, FAM&PUB POLCY HD FS 395 3 CREDITS
 Prereq: HD FS 369 OR EQUIVALENT
 1155005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

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
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2213005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 2213015 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 2213010 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.
 2213020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

PRO PRAC RFLCT:TCHG HD FS 418A .5 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN HD FS 417
 Satisfactory-Fail Only.
 4952005 ARRANGED
 MEETS: JAN 14-MAY 10

PRO PRAC RFLCT:INTN HD FS 418B 2 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO CH FS, FCEDS, F C P MAJORS ONLY
 Satisfactory-Fail Only.
 3681005 W 3:10-5:00
 MEETS: JAN 14-MAY 10

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

PRG EVAL&PROPOS WRI HD FS 449 3 CREDITS
 Prereq: HD FS 369
 Note: COURSE RESTRICTED TO CH FS, F C P, FCEDS, KIN JR & SR'S ONLY
 2221005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 2221010 2 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

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: BACKGROUND CHECK IS REQUIRED - ASSOCIATED COSTS ARE THE RESPONSIBILITY OF THE STUDENT.
 2222005 1 TR 12:40-2:00
 M 8:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 2222010 2 TR 12:40-2:00
 T 8:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 2222015 3 TR 12:40-2:00
 R 8:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.
 2222020 4 TR 12:40-2:00
 F 8:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Department permission required 1st week.

WRK W FAM E INTERVN HD FS 456 3 CREDITS
 Prereq: HD FS 340 OR HD FS 344; OR PERMISSION OF INSTRUCTOR; CURRENT BACKGROUND CHECK
 7563005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

FAMILY INTERACT DYN HD FS 479 3 CREDITS
 Prereq: HD FS 102 OR EQUIVALENT; HD FS 369 OR EQUIVALENT; 9 HOURS IN SOCIAL SCIENCES; JUNIOR OR SENIOR STATUS
 3524005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ESTATE PLN FAMILIES HD FS 484 3 CREDITS
 Prereq: HD FS 283
 4052005 M 5:30-8:30PM
 MEETS: JAN 14-MAY 10

CAPSTN FAM FIN PLAN HD FS 485 3 CREDITS
 Prereq: HD FS 341, HD FS 378, HD FS 383, HD FS 482, FIN 361
 4049005 T 5:10-8:00PM
 MEETS: JAN 14-MAY 10

ADMIN HUMN SVC PROG HD FS 486 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION; 6 CREDITS IN HD FS AT 300 LEVEL AND ABOVE
 Note: COURSE RESTRICTED TO CH FS, FCEDS MAJORS ONLY
 3619005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 3619010 2 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

FINANC COUNSEL LAB HD FS 489L 1- 2 CREDITS
 Prereq: HD FS 283
 8102005 1 ARRANGED
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY HD FS 490 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

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

APP QNTVE RSRCH MTH HD FS 505 3 CREDITS
 Prereq: HD FS 503 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO HD FS MAJORS ONLY
 7057005 1 T 1:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10
 7057010 2 T 1:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 2 FOR MAJORS OTHER THAN HD FS

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

FAMILY THEORY HD FS 511 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR
 7701005 1 M 9:00-11:40
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO HD FS MAJORS ONLY
 7701010 2 M 9:00-11:40
 MEETS: JAN 14-MAY 10
 Note: SEC 2 FOR MAJORS OTHER THAN HD FS

PROGRAM EVALUATION HD FS 585 3 CREDITS
 Prereq: 6 CREDITS IN GRADUATE LEVEL SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR
 5806005 T 1:10-4:00
 MEETS: JAN 14-MAY 10

FINANC COUNSEL LAB HD FS 589L 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 3510005 1 ARRANGED
 MEETS: JAN 14-MAY 10

SP TOP HUMAN, FAMILY HD FS 590I VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV, FAMILY 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

MULTILEVEL MODELING HD FS 605 3 CREDITS
 Prereq: HD FS 503 AND HD FS 505 OR STAT 404 OR PERMISSION OF INSTRUCTOR
 4472005 W 1:10-4:00
 MEETS: JAN 14-MAY 10

MIXED METHODS HD FS 607 3 CREDITS
 Prereq: HD FS 503, HD FS 504, HD FS 505, OR PERMISSION OF INSTRUCTOR
 4018005 R 9:00-11:50
 MEETS: JAN 14-MAY 10

BIOMARKRS&FAM RSRCH HD FS 640 3 CREDITS
 Prereq: HD FS 510 OR PERMISSION OF INSTRUCTOR
 3347005 T 9:00-11:50
 MEETS: JAN 14-MAY 10

ADV TOP HUMAN, FAMILY 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 EXPR INTERNSHP HD FS 691D 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

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 11-MAY 10
 6929010 2 T 1:10-3:00
 MEETS: MARCH 11-MAY 10
 6929015 3 W 1:10-3:00
 MEETS: MARCH 11-MAY 10
 6929020 4 M 3:10-5:00
 MEETS: MARCH 11-MAY 10
 6929025 5 T 3:10-5:00
 MEETS: MARCH 11-MAY 10
 6929030 6 W 3:10-5:00
 MEETS: MARCH 11-MAY 10

INTERGROUP DIALOGUE H SCI 250X 3 CREDITS
 Prereq: H SCI 150 OR PERMISSION OF INSTRUCTOR OR PROGRAM COORDINATOR
 Note: Meets U.S. diversity reqmt
 9981005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

HUMAN SCIENCES (CONTINUED)

IND STDY ENTREPRNSH H SCI 490E 1- 4 CREDITS
 5101005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

IMMUNOBIOLOGY

SEMINAR IMMUNOBIOLOG IMBIO 604 1 CREDIT
 5949005 ARRANGED
 MEETS: JAN 14-MAY 10

SPECIAL TOPICS IMBIO 690 VAR. CREDITS
 5986005 ARRANGED
 MEETS: JAN 14-MAY 10

GRAD RSEARCH ROTATN IMBIO 697 VAR. CREDITS
 5991005 ARRANGED
 MEETS: JAN 14-MAY 10

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 OBBINK M
 MEETS: JAN 14-MAY 10
 5972010 2 MWF 1:10-4:30 OBBINK M
 MEETS: JAN 14-MAY 10
 5972015 3 MWF 1:10-4:30 KARGOL M
 MEETS: JAN 14-MAY 10
 5972020 4 MWF 9:00-12:20 KARGOL M
 MEETS: JAN 14-MAY 10

CREATIV THINK IND D IND D 232 3 CREDITS
 Prereq: IND D 231
 5962005 TR 9:30-10:45 DHADPHALE T
 MEETS: JAN 14-MAY 10
 Note: OPEN SECTION RESTRICTED TO IND D MAJORS ONLY

SURV HOW THINGS WRK IND D 270 3 CREDITS
 4442005 TR 4:10-5:30
 MEETS: JAN 14-MAY 10

INDUS DSGN STDIO IV IND D 302 6 CREDITS
 Prereq: IND D 301 OR PERMISSION OF INSTRUCTOR
 6020005 1 MWF 9:00-12:20 NEUBAUER D
 MEETS: JAN 14-MAY 10
 6020010 2 MWF 1:10-4:30 NEUBAUER D
 MEETS: JAN 14-MAY 10

IND DSN MATRLS&PROC IND D 334 3 CREDITS
 Prereq: IND D 201, IND D 231
 9613005 TR 2:10-3:25 PRINDLE W
 MEETS: JAN 14-MAY 10
 Note: OPEN SECTION RESTRICTED TO IND D MAJORS ONLY
 9613010 2 TR 2:10-3:25 PRINDLE W
 MEETS: JAN 14-MAY 10
 Note: SEC 2 FOR MAJORS OTHER THAN IND D

CPTR-AID INDUS DS I IND D 341 3 CREDITS
 Prereq: IND D 301
 6026005 1 TR 11:00-2:00 EVANS P
 MEETS: JAN 14-MAY 10

HIST INDUS DSIGN II IND D 388 3 CREDITS
 Prereq: 30 CREDITS EARNED AT ISU
 2614005 TR 8:00-9:20 DHADPHALE T
 MEETS: JAN 14-MAY 10

INDUS DSN INTERNSHP IND D 397 6 CREDITS
 Prereq: IND D 202, 18 CR IN INDUSTRIAL DESIGN, PERMISSION OF INSTRUCTOR
 6164005 ARRANGED RINGHOLZ D
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

SENIOR PROJECT IND D 499 6 CREDITS
 Prereq: IND D 495 OR IND D 507; SENIOR STANDING
 3037005 1 MWF 9:00-12:20
 MEETS: JAN 14-MAY 10
 3037010 2 MWF 9:00-12:20
 MEETS: JAN 14-MAY 10
 3037015 3 MWF 1:10-4:20
 MEETS: JAN 14-MAY 10
 3037020 4 MWF 1:10-4:20
 MEETS: JAN 14-MAY 10

INDU STDO INTNSV II IND D 502 6 CREDITS
 Prereq: ADMISSION INTO THE INDUSTRIAL DESIGN GRADUATE INTENSIVE TRACK OR GRADUATE STANDING IN THE INDUSTRIAL DESIGN PROGRAM
 6862005 MWF 9:00-12:20
 MEETS: JAN 14-MAY 10

INDUSTRIAL DESIGN (CONTINUED)

INDUSTRIAL ENGINEERING (CONTINUED)

INDUS DSGN STDO II IND D 504 6 CREDITS
 Prereq: IND D 502
 5027005 MWF 1:10-4:30
 MEETS: JAN 14-MAY 10

INDUS DSN PRACTICUM IND D 507 6 CREDITS
 Prereq: EVIDENCE OF SATISFACTORY EXPERIENCE IN
 AREA OF SPECIALIZATION; APPROVAL OF PRACTICUM
 APPLICATION AND WRITTEN PERMISSION OF INSTRUCTOR ONLY
 6966005 MWF 1:10-4:20
 MEETS: JAN 14-MAY 10

DESIGN THINKING IND D 532 3 CREDITS
 Prereq: ADMISSION TO THE GRADUATE INTENSIVE
 TRACK OR GRADUATE STANDING IN THE INDUSTRIAL
 DESIGN PROGRAM
 3113005 TR 9:30-10:45 DHADPHALE T
 MEETS: JAN 14-MAY 10

PRODUCT REALIZATION IND D 534 3 CREDITS
 Prereq: ADMISSION INTO THE INDUSTRIAL DESIGN
 INTENSIVE TRACK, IND D 301, OR PERMISSION OF
 INSTRUCTOR
 9636005 TR 2:10-3:25 PRINDLE W
 MEETS: JAN 14-MAY 10

INDU DS VISUAL COMM IND D 540 3 CREDITS
 Prereq: ADMISSION TO THE GRADUATE INTENSIVE
 TRACK OR GRADUATE STANDING IN THE INDUSTRIAL
 DESIGN PROGRAM
 9393005 ARRANGED PAEPCKE-HJELTNES
 MW 9:30-11:50 PAEPCKE-HJELTNES
 MEETS: JAN 14-MAY 10

CPTR AIDED INDU DSN IND D 541 3 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
 OR PERMISSION OF INSTRUCTOR
 3135005 TR 8:00-10:50 EVANS P
 MEETS: JAN 14-MAY 10

PORTFOLIO&PRO PRCTC IND D 543 3 CREDITS
 Prereq: ADVANCED STANDING IN IND D PROGRAM
 3176005 TR 9:30-11:50 RINGHOLZ D
 MEETS: JAN 14-MAY 10

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
 Note: OFFERED FOR 6 CREDITS SPRING 2019
 4181005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

GRADUATE PROJECT II IND D 602 6 CREDITS
 Prereq: IND D 601
 7674005 ARRANGED
 MEETS: JAN 14-MAY 10

THESIS IND D 699 6 CREDITS
 Prereq: IND D 632
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING

INDUS ENGR PROFESSN I E 101 R CREDIT
 Satisfactory-Fail Only.
 4402005 T 3:40-5:00
 MEETS: JAN 14-MAY 10

INFO ENGINEERING I E 148 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 143
 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,
 A B 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 14-MAY 10
 5037010 B TR 12:10-2:00
 MEETS: JAN 14-MAY 10

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 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 5140010 B TR 12:40-2:00
 MEETS: JAN 14-MAY 10

APP ERGON& WORK DSN I E 271 3 CREDITS
 Prereq: PHYS 221
 Note: COURSE RESTRICTED TO I E MAJORS ONLY
 5169005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 5169010 2 TR 11:00-12:25
 MEETS: JAN 14-MAY 10

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.
 4425005 A1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 4425010 A2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 4425015 B1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 4425020 B2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

SOLIDIFICATN PROCES I E 348 3 CREDITS
 Prereq: I E 248 AND MAT E 273, OR MAT E 215
 Note: COURSE RESTRICTED TO I E, MAT E 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.
 5810200 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 5810205 2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 5810005 A T 8:00-9:50
 MEETS: JAN 14-MAY 10
 5810010 B R 8:00-9:50
 MEETS: JAN 14-MAY 10
 5810015 C T 10:00-11:50
 MEETS: JAN 14-MAY 10
 5810020 D R 10:00-11:50
 MEETS: JAN 14-MAY 10
 5810025 E T 1:10-3:00
 MEETS: JAN 14-MAY 10
 5810030 F R 1:10-3:00
 MEETS: JAN 14-MAY 10
 5810035 G T 3:10-5:00
 MEETS: JAN 14-MAY 10
 5810040 J M 1:10-3:00
 MEETS: JAN 14-MAY 10
 5810045 K F 1:10-3:00
 MEETS: JAN 14-MAY 10
 5810050 L M 3:10-5:00
 MEETS: JAN 14-MAY 10
 5810055 M W 3:10-5:00
 MEETS: JAN 14-MAY 10
 5810060 N R 3:10-5:00
 MEETS: JAN 14-MAY 10

STAT QUALITY ASSURN I E 361 3 CREDITS
 Prereq: STAT 231 OR STAT 301 OR STAT 326 OR
 STAT 401
 4416005 A T 3:40-5:30
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO I E & STAT MAJORS ONLY

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

INTR SUSTNB PROD SY I E 403 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN I E 341
 3136005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

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
 4432005 A M 2:10-3:00
 MWF 12:10-2:00
 MEETS: JAN 14-MAY 10
 4432010 B M 2:10-3:00
 MWF 3:10-5:00
 MEETS: JAN 14-MAY 10
 4432015 C M 2:10-3:00
 MWF 9:00-10:50
 MEETS: JAN 14-MAY 10

MANUFACT SYSTM ENGR I E 448 3 CREDITS
 Prereq: I E 248, I E 305
 6090005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO I E MAJORS ONLY.
 6090010 B MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

INDUSTRIAL ENGINEERING (CONTINUED)

INDUSTRIAL ENGINEERING (CONTINUED)

ENGRS TECHN SALES I I E 450 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN I E 305
 8885005 A W 6:10-9:00PM
 MEETS: JAN 14-MAY 10

TECHNICAL SALES II I E 451 3 CREDITS
 Prereq: I E 450
 9088005 A M 6:10-9:00PM
 MEETS: JAN 14-MAY 10

MULTIDISC ENGR DSGN I E 466 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF
 GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR
 1902005 A MWF 3:10-5:00
 MEETS: JAN 14-MAY 10

KNOWLEDGE DISCOVERY I E 483 3 CREDITS
 Prereq: IE 148, I E 312, STAT 231
 7175005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY I E 490 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

MS RSRCH BASICS&CMM I E 501 R CREDIT
 Prereq: ENROLLMENT IN M.S. OR M.ENG. PROGRAM
 IN INDUSTRIAL ENGINEERING
 Satisfactory-Fail Only.
 3550005 1 W 4:10-5:00
 MEETS: JAN 14-MAY 10

INTR SUSTNB PROD SY I E 503 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN I E 341
 3148005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

PRODUCTION SCHEDULG I E 514 3 CREDITS
 Prereq: I E 312, I E 341
 4451005 A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

SIMULATN MODEL&ANLY I E 519 3 CREDITS
 Prereq: COM S 311, STAT 401
 4454005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

RELIABILITY I E 533 3 CREDITS
 Prereq: STAT 342 OR STAT 432 OR STAT 447
 4458005 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

INVENTORY&PROD PLAN I E 541 3 CREDITS
 Prereq: I E 341
 4463005 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

RAPID PROTOTYP &MFG I E 545 3 CREDITS
 Prereq: I E 248 OR SIMILAR MANUFACTURING
 ENGINEERING COURSE; MATH 265; UNDERGRADUATES MUST
 HAVE PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 ONLY. UNDERGRADUATES BY PERMISSION ONLY
 3554005 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

CPR AIDED DSN&MANUF I E 549 3 CREDITS
 Prereq: I E 248, SOME EXPERIENCE WITH THEORY OF
 MATRICES
 7766005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

DECISN ANLY SYS DSN I E 564 3 CREDITS
 Prereq: COURSE IN PROBABILITY AND STATISTICS
 9833005 A TR 8:00-9:15
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO ENG M, IE, IMSE, SYS E
 GRADUATES ONLY
 9833010 B TR 8:00-9:15
 MEETS: JAN 14-MAY 10
 Note: SEC B FOR MAJORS OTHER THAN ENG M, IE, IMSE,
 SYS E GRADUATES. UNDERGRADS ONLY BY PERMISSION
 OF DEPARTMENT

SYST ENGR &ANALYSIS I E 565 3 CREDITS
 Prereq: COURSEWORK IN BASIC STATISTICS
 Note: I E MAJORS MAY NOT APPLY CREDIT IN I E 565,
 E E 565, AER E 565 TOWARD DEGREE REQUIREMENTS
 8932005 A TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO ENG M, IE, IMSE, SYS E
 GRADUATES ONLY
 8932010 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC B FOR MAJORS OTHER THAN ENG M, IE, IMSE,
 SYS E GRADUATES. UNDERGRADS ONLY BY PERMISSION OF
 DEPARTMENT

SYS ENGR&PROJCT MGT I E 570 3 CREDITS
 Prereq: COURSEWORK IN BASIC STATISTICS
 6113005 A R 6:00-9:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO ENG M, I E, IMSE, SYS E
 GRADUATES ONLY
 6113010 B R 6:00-9:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC B FOR MAJORS OTHER THAN ENG M, I E, IMSE,
 SYS E GRADUATES. UNDERGRADS ONLY BY PERMISSION
 OF DEPARTMENT

HUMAN-CPTR INTERACT I E 572 3 CREDITS
 Prereq: I E 577 OR INSTRUCTOR'S PERMISSION
 5310005 TR 8:00-9:15
 MEETS: JAN 14-MAY 10

HUMN-CENTRD DSN&MFG I E 578X 3 CREDITS
 Prereq: GRADUATE STANDING
 9696005 M 3:10-5:00
 M 5:10-7:00PM
 MEETS: JAN 14-MAY 10

KNOWLEDGE DISCOVERY I E 583 3 CREDITS
 Prereq: I E 148, I E 312, STAT 231
 7176005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

SPECIAL TOPICS I E 590 1- 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT I E 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTEGER PROGRAMMING I E 632 3 CREDITS
 Prereq: I E 534
 4484005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

RESEARCH I E 699 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 14-MARCH 8

CYBER DEFENS COMPET INFAS 332 1 CREDIT
 Satisfactory-Fail Only.
 2749005 A ARRANGED
 MEETS: JAN 14-MAY 10

INFORMATION WARFARE INFAS 532 3 CREDITS
 Prereq: CPR E 531
 8092005 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

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 12:10-1:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 8095010 B M 6:10-9:00PM
 MEETS: JAN 14-MAY 10

STEGANO&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 14-MAY 10

INFORMATION ASSURANCE (CONTINUED)

RVRS ENGR&SECUR TST INFAS 538 3 CREDITS
 Prereq: COM S 321 OR CPR E 381, COM S 352
 OR CPR E 308
 2788005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

DATA-DRV SECUR&PRIV INFAS 560X 3 CREDITS
 Prereq: CPR E 531; COM S 474 OR COM S 573
 6366005 1 MW 2:10-3:30
 MEETS: JAN 14-MAY 10

SEMNR INFO ASSURANC INFAS 592 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5025005 1 ARRANGED
 MEETS: JAN 14-MAY 10

INFO ASSUR CAPSTONE INFAS 632 3 CREDITS
 Prereq: CPR E 531, CPR E 532, CPR E 534
 1893005 ARRANGED
 MEETS: JAN 14-MAY 10

INTEGRATED STUDIO ARTS

CRTV VISUAL THINKNG ARTIS 201 3 CREDITS
 7938005 A ARRANGED HOLZBAUER P
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED DSN S, I DES MAJORS ONLY
 Course delivery is WWW

7938010 B ARRANGED JOHNSON D
 MEETS: JAN 14-MAY 10
 Note: SEC B FOR MAJORS OTHER THAN THE DESIGN
 COLLEGE
 Course delivery is WWW

7938015 C ARRANGED
 MEETS: JAN 14-MAY 10

7938020 D ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

STUDIO FNDMTLS:WOOD ARTIS 202 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.

9264005 A1 MW 8:00-10:20 MARTIN C
 F 8:00-10:20 MARTIN C
 MEETS: JAN 14-MARCH 8

9264010 A2 MW 8:00-10:20 MARTIN C
 F 8:00-10:20 MARTIN C
 MEETS: JAN 14-MARCH 8

9264015 B1 MW 8:00-10:20 MARTIN C
 F 8:00-10:20 MARTIN C
 MEETS: MARCH 11-MAY 10

9264020 B2 MW 8:00-10:20 MARTIN C
 F 8:00-10:20 MARTIN C
 MEETS: MARCH 11-MAY 10

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 MW 1:10-3:30 MUENCH J
 F 1:10-3:30 MUENCH J
 MEETS: JAN 14-MARCH 8

9272010 A2 MW 1:10-3:30 MUENCH J
 F 1:10-3:30 MUENCH J
 MEETS: JAN 14-MARCH 8

9272015 B1 MW 1:10-3:30 MUENCH J
 F 1:10-3:30 MUENCH J
 MEETS: MARCH 11-MAY 10

9272020 B2 MW 1:10-3:30 MUENCH J
 F 1:10-3:30 MUENCH J
 MEETS: MARCH 11-MAY 10

STDIO FUND:CERAMICS ARTIS 204 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.

9253005 A1 MW 3:40-6:00PM LILLIGREN I
 F 3:40-6:00PM LILLIGREN I
 MEETS: JAN 14-MARCH 8

9253010 A2 MW 3:40-6:00PM LILLIGREN I
 F 3:40-6:00PM LILLIGREN I
 MEETS: JAN 14-MARCH 8

9253015 B1 MW 3:40-6:00PM LILLIGREN I
 F 3:40-6:00PM LILLIGREN I
 MEETS: MARCH 11-MAY 10

9253020 B2 MW 3:40-6:00PM LILLIGREN I
 F 3:40-6:00PM LILLIGREN I
 MEETS: MARCH 11-MAY 10

STDIO FUND:PRINTMKG ARTIS 206 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED TO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.

9255005 A1 MW 1:10-3:30 KATZ A
 F 1:10-3:30 KATZ A
 MEETS: JAN 14-MARCH 8

9255010 A2 MW 1:10-3:30 KATZ A
 F 1:10-3:30 KATZ A
 MEETS: JAN 14-MARCH 8

9255015 B1 MW 1:10-3:30 KATZ A
 F 1:10-3:30 KATZ A
 MEETS: MARCH 11-MAY 10

INTEGRATED STUDIO ARTS (CONTINUED)

STDIO FUND:PRINTMKG ARTIS 206 2 CREDITS
 9255020 B2 MW 1:10-3:30 KATZ A
 F 1:10-3:30 KATZ A
 MEETS: MARCH 11-MAY 10

COLOR ARTIS 208 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED COLLEGE OF DESIGN MAJORS ONLY
 Instructor permission required 1st week.

1766005 A MW 8:00-10:50 GOULD C
 MEETS: JAN 14-MAY 10

STUDIO FUND: PHOTO ARTIS 210 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED TO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.

9256005 A1 TR 2:10-5:20, ARRANGED CARR C
 MEETS: JAN 14-MARCH 8

9256010 A2 TR 2:10-5:20, ARRANGED CARR C
 MEETS: JAN 14-MARCH 8

9256015 B1 TR 2:10-5:20, ARRANGED CARR C
 MEETS: MARCH 11-MAY 10

9256020 B2 TR 2:10-5:20, ARRANGED CARR C
 MEETS: MARCH 11-MAY 10

STUDIO FUND:CMPTURS ARTIS 212 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED TO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.

9257005 A1 TR 2:10-5:20 DIBLASI J
 MEETS: JAN 14-MARCH 8

9257010 A2 TR 2:10-5:20 DIBLASI J
 MEETS: JAN 14-MARCH 8

9257015 B1 TR 2:10-5:20 DIBLASI J
 MEETS: MARCH 11-MAY 10

9257020 B2 TR 2:10-5:20 DIBLASI J
 MEETS: MARCH 11-MAY 10

STUDIO FUND:PAINTNG ARTIS 213 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED TO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.

9266005 A1 MW 8:00-10:20 WALTON B
 F 8:00-10:20 WALTON B
 MEETS: JAN 14-MARCH 8

9266010 A2 MW 8:00-10:20 WALTON B
 F 8:00-10:20 WALTON B
 MEETS: JAN 14-MARCH 8

9266015 B1 MW 8:00-10:20 WALTON B
 F 8:00-10:20 WALTON B
 MEETS: MARCH 11-MAY 10

9266020 B2 MW 8:00-10:20 WALTON B
 F 8:00-10:20 WALTON B
 MEETS: MARCH 11-MAY 10

STUDIO FUND:TEXTILE ARTIS 214 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE

9269005 A MWF 3:40-6:00PM GOULD C
 MEETS: JAN 14-MARCH 8

9269010 B MWF 3:40-6:00PM GOULD C
 MEETS: MARCH 11-MAY 10

9269015 A2 MWF 3:40-6:00PM GOULD C
 MEETS: JAN 14-MARCH 8

9269020 B2 MWF 3:40-6:00PM GOULD C
 MEETS: MARCH 11-MAY 10

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS
 Prereq: DSN S 102, DSN S 131, DSN S 183,
 OR PERMISSION OF INSTRUCTOR
 Note: FOR MAJORS OTHER THAN ARTIS

1983005 A MW 9:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO COLLEGE OF DESIGN MAJORS

INTR CRTV DGT PHOTO ARTIS 227H 3- 4 CREDITS
 Prereq: DSN S 102, DSN S 131 AND DSN S 183
 Note: RESTRICTED TO HONORS STUDENTS OTHER THAN ARTIS
 Instructor permission required.

5467005 A MW 9:00-11:50
 ARRANGED
 MEETS: JAN 14-MAY 10

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 MW 1:10-4:00 WALTON B
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO ARTID, ARTFA, ARTGR,
 ARTIS, BPM I, PBPMI MAJORS ONLY
 Instructor permission required 1st week.

1779010 B MW 8:00-10:50 THOMPSON N
 MEETS: JAN 14-MAY 10
 Note: SEC B ARC, ARCH, ARTDN, ARTFA, ARTGR, ARTID,
 ARTIS, BPM I, C R P, DES, DSGN, DSGNS, I DES,
 IND D, L A, P ARC, P CRP, P GR, P ID, P IND, P ISA
 P LA, PBPMI MAJORS ONLY

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

WATERCOLOR PAINTING ARTIS 233 3 CREDITS
 Prereq: ARTIS 230
 Note: COURSE RESTRICTED TO ARTFA, ARTGR, ARTDN, ARTIS, BPM I & BPBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1780005 A MW 12:10-3:00 HARRIS A
 ARRANGED HARRIS A
 MEETS: JAN 14-MAY 10

COLLAGE,ASSEM&FOUND ARTIS 305 3 CREDITS
 Prereq: 6 CREDITS OF 200 LEVEL STUDIO OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS
 Instructor permission required 1st week.
 1771005 A TR 2:10-5:00 PASCHKE T
 MEETS: JAN 14-MAY 10

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 & BPBPMI MAJORS ONLY
 6423005 A MW 3:10-6:00PM DIBLASI J
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO COLLEGE OF DESIGN MAJORS & BPM I MAJORS ONLY
 6423010 B MW 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC B RESTRICTED TO ARTGR MAJORS ONLY

SOURCES VISUAL DSGN ARTIS 310 3 CREDITS
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR, ARTID & ARTIS MAJORS ONLY.
 6432005 A1 MW 12:40-3:30 VALENTINE O
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ARTFA, ARTIS MAJORS ONLY
 6432010 A2 MW 12:40-3:30 VALENTINE O
 MEETS: JAN 14-MAY 10
 6432015 B1 MW 12:40-2:50 VALENTINE O
 ARRANGED VALENTINE O
 MEETS: JAN 14-MAY 10
 Note: SEC B1 RESTRICTED TO ARTFA, ARTIS MAJORS ONLY
 6432020 B2 MW 12:40-2:50 VALENTINE O
 ARRANGED VALENTINE O
 MEETS: JAN 14-MAY 10

SOURCES VISUAL DSGN ARTIS 310H 3- 4 CREDITS
 Prereq: ART 230
 Note: Instructor permission required.
 9379005 A MW 12:40-2:50 VALENTINE O
 ARRANGED
 MEETS: JAN 14-MAY 10

INTRO FURNITUR DSGN ARTIS 320 3 CREDITS
 Prereq: ARTIS 202 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1798005 A TR 9:30-12:20 MARTIN C
 MEETS: JAN 14-MAY 10

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 LILLIGREN I
 MEETS: JAN 14-MAY 10

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 A MW 9:00-11:50 MUENCH J
 MEETS: JAN 14-MAY 10

ILLUSTRATN&I SOFTWR ARTIS 326 3 CREDITS
 Prereq: ARTIS 323
 Note: Instructor permission required 1st week.
 1657005 A MW 6:10-9:00PM DORN J
 MEETS: JAN 14-MAY 10

CREATVE 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 A TR 9:30-12:20 CARR C
 MEETS: JAN 14-MAY 10
 1801010 B MW 6:10-9:00PM
 MEETS: JAN 14-MAY 10

CREATVE PHOTOGRAPHY ARTIS 329H 3- 4 CREDITS
 Prereq: ARTIS 210 OR ARTIS 229 OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 5734005 A TR 9:30-12:20 CARR C
 ARRANGED
 MEETS: JAN 14-MAY 10

DRAW III:LIFE DRWNG ARTIS 330 3 CREDITS
 Prereq: ARTIS 230
 Note: COURSE RESTRICTED TO ARTFA, ARTIS, BPM I & BPBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1802005 A TR 11:00-2:00 HOLLAND B
 MEETS: JAN 14-MAY 10
 1802010 B TR 2:10-5:00 HOLLAND B
 MEETS: JAN 14-MAY 10

THREE-DIMENS STUDIO ARTIS 335 3 CREDITS
 1806005 1 TR 1:10-3:20, ARRANGED
 MEETS: JAN 14-MAY 10

APP SCI ILLUSTR TCNQ ARTIS 337 3 CREDITS
 Prereq: ARTIS 327
 9104005 A TR 2:10-5:00
 MEETS: JAN 14-MAY 10

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 & BPBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 7832005 A TR 2:10-5:00 JONES B
 MEETS: JAN 14-MAY 10

TEXTLE SURFACE DSGN ARTIS 346 3 CREDITS
 Prereq: ARTIS 214 OR PERMISSION OF INSTRUCTOR
 1835005 A MW 12:10-3:00 GOULD C
 MEETS: JAN 14-MAY 10

INTAGLIO & MONOTYPE ARTIS 357 3 CREDITS
 Prereq: ARTIS 206 AND 230
 Note: Instructor permission required 1st week.
 7469005 A TR 9:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Materials and equipment use fee \$130.00

BFA PRO PRACTICE ARTIS 399 2 CREDITS
 Prereq: JUNIOR CLASSIFICATN IN ISA BFA CURRICULUM
 Note: COURSE RESTRICTED TO JRS & SRS
 2076005 A W 6:10-8:40PM MUENCH J
 MEETS: MARCH 11-MAY 10

PRIN 3D ANIMATION ARTIS 408 3 CREDITS
 Prereq: ARTIS 308
 Note: COURSE RESTRICTED COLLEGE OF DESIGN UNDERGRADS & BPM I MAJORS ONLY
 Instructor permission required 1st week.
 1834005 A TR 2:10-5:00 CALL A
 MEETS: JAN 14-MAY 10

ADV FURNITURE DSGN ARTIS 420 3 CREDITS
 Prereq: ARTIS 320
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1838005 A TR 9:30-12:20 MARTIN C
 MEETS: JAN 14-MAY 10

CERAMICS STUDIO ARTIS 422 3 CREDITS
 Prereq: ARTIS 322
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1839005 A TR 3:10-6:00PM LILLIGREN I
 MEETS: JAN 14-MAY 10

JEWELR/METLSMTH III ARTIS 424 3 CREDITS
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA & ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 7250005 A MW 9:00-11:50 MUENCH J
 MEETS: JAN 14-MAY 10

JEWELR/METLSMTH III ARTIS 424H 3- 4 CREDITS
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7014005 A MW 9:00-11:50 MUENCH J
 ARRANGED
 MEETS: JAN 14-MAY 10

ADVANCD PHOTOGRAPHY ARTIS 429 3 CREDITS
 Prereq: ARTIS 329
 1836005 A TR 9:30-12:20 CARR C
 MEETS: JAN 14-MAY 10

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 & BPBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1841005 A TR 9:30-12:20 JONES B
 MEETS: JAN 14-MAY 10

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

SEQUENT NARRTV DRAW ARTIS 432 3 CREDITS
 Prereq: DSN S 131; ARTIS 230 OR ARTIS 330 OR
 PERMISSION OF INSTRUCTOR
 2174005 A TR 8:00-10:50 RICHARDS C
 MEETS: JAN 14-MAY 10

PAINTING III ARTIS 438 3 CREDITS
 Prereq: ARTIS 338
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTID,
 ARTIS, BPM I, DSGNS & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 7833005 A TR 2:10-5:00 JONES B
 MEETS: JAN 14-MAY 10

PAINTING III ARTIS 438H 3- 4 CREDITS
 Prereq: ARTIS 338
 Note: Instructor permission required.
 7147005 A TR 2:10-5:00 JONES B
 ARRANGED
 MEETS: JAN 14-MAY 10

DIGITL TXTILE DSGN ARTIS 448 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION IN EITHER
 COLLEGE OF DESIGN OR A M D
 Note: TOPIC: DIGITAL TEXTILE DESIGN
 2442005 A TR 9:30-12:20 PASCHKE T
 MEETS: JAN 14-MAY 10

ADVANC PRINTMAKING ARTIS 458 3 CREDITS
 Prereq: ARTIS 356, ARTIS 357, OR ARTIS 358, AND
 PERMISSION OF INSTRUCTOR
 1840005 A MW 9:00-11:50
 MEETS: JAN 14-MAY 10

ADVANC PRINTMAKING ARTIS 458H 3- 4 CREDITS
 Prereq: ARTIS 356, ARTIS 357, OR ARTIS 358, AND
 PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 6312005 A MW 9:00-11:50
 ARRANGED
 MEETS: JAN 14-MAY 10

COMM-ENGAG ARTS MGT ARTIS 462X 3 CREDITS
 9848005 A M 5:10-6:30PM
 ARRANGED
 MEETS: JAN 14-MAY 10

INTERACTIVE ART ARTIS 475 3 CREDITS
 Prereq: ARTIS 212 OR PERMISSION OF INSTRUCTOR
 7194005 A TR 11:00-1:50
 MEETS: JAN 14-MAY 10

TOPICS STUDIO ART ARTIS 482 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2019
 SEC TOPIC: SOCIAL CAPITAL- SEEING,
 MAKING, DOING.
 1855005 A MW 1:10-2:30
 MEETS: JAN 14-MAY 10
 1855010 B F 9:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC B TOPIC: FABRICATING TOOLS: COMPUTATION
 + WEAVING
 RESTRICTED TO COLLEGE OF DESIGN MAJORS ONLY

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 \$115.62
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST COMPUTER A&D ARTIS 490C 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DRAWING ARTIS 490D 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY TEXTILES ARTIS 490E 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST ILLUSTRATION ARTIS 490F 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY METALS ARTIS 490G 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTIS 490H 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT.
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 Materials and equipment use fee \$25.00
 ***** 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
 ***** 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 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.
 Materials and equipment use fee \$90.00
 ***** 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
 Note: Materials and equipment use fee \$25.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

STUDIO IN EUR SEMNAR ARTIS 494 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR AND
 PLANNED ENROLLMENT IN ARTIS 495
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 1954005 A T 7:10-8:00PM
 MEETS: JAN 14-MAY 10

STUDIO INTERNSHIP ARTIS 497 1- 6 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BFA EXHIBITION ARTIS 499 1 CREDIT
 Prereq: ARTIS 399 AND SENIOR CLASSIFICATION IN
 THE ISA BFA CURRICULUM
 Note: COURSE RESTRICTED TO SENIORS
 1708005 A W 7:10-8:40PM MUENCH J
 MEETS: JAN 14-MARCH 8

INTEGRATED MEDIA ARTIS 505 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: Instructor permission required 1st week.
 7553005 A TR 2:10-5:00 PASCHKE T
 MEETS: JAN 14-MAY 10
 7553010 B TR 2:10-5:00 PASCHKE T
 MEETS: JAN 14-MAY 10

CPTR AID ANIMAT&VIS ARTIS 508 3 CREDITS
 Prereq: ARTIS 408 OR GRADUATE CLASSIFICATION
 AND PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED COLLEGE OF DESIGN
 Instructor permission required 1st week.
 8265005 A TR 2:10-5:00 CALL A
 MEETS: JAN 14-MAY 10

ADV FURNITURE DSGN ARTIS 520 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 Note: Instructor permission required 1st week.
 1895005 A TR 9:30-12:20 MARTIN C
 MEETS: JAN 14-MAY 10

CERAMICS STUDIO ARTIS 522 3 CREDITS
 Prereq: GRAD CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 1896005 A TR 3:10-6:00PM LILLIGREN I
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

JEWEL&DEC METAL III ARTIS 524 3 CREDITS
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 7255005 A MW 9:00-11:50 MUENCH J
 MEETS: JAN 14-MAY 10

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

ADVANC'D PHOTOGRAPHY ARTIS 529 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 7399005 A TR 9:30-12:20 CARR C
 MEETS: JAN 14-MAY 10

DRAWING ARTIS 530 3 CREDITS
 Prereq: ARTIS 330
 Note: Instructor permission required 1st week.
 7747005 A TR 9:30-12:20 JONES B
 MEETS: JAN 14-MAY 10

SEQUENT NARRTV DRAW ARTIS 532 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 9741005 A TR 8:00-10:50 RICHARDS C
 MEETS: JAN 14-MAY 10

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 JONES B
 MEETS: JAN 14-MAY 10

DIGITL TXTILE DSGN ARTIS 548 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: TOPIC: DIGITAL TEXTILE DESIGN
 2451005 A TR 9:30-12:20 PASCHKE T
 MEETS: JAN 14-MAY 10

INTAGLIO&MONOTYP PR ARTIS 557 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTR PERMISSION
 Note: Instructor permission required 1st week.
 7749005 A TR 9:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Materials and equipment use fee \$130.00

INTERACTIVE ART ARTIS 575 3 CREDITS
 2030005 A TR 11:00-1:50
 MEETS: JAN 14-MAY 10

TOPICS STUDIO ART ARTIS 582 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2019
 1870005 A MW 6:10-8:40PM
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC A TOPIC: SOCIAL CAPITAL- SEEING,
 MAKING, DOING.

SPL TOPICS CERAMICS ARTIS 590B VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$115.62
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SPCL TOPICS DRAWING ARTIS 590D VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS TEXTILES ARTIS 590E VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SPECL TOPICS METALS ARTIS 590G VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS PAINTING ARTIS 590I VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRINTMAKING ARTIS 590K VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.
 Materials 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.
 Materials and equipment use fee \$90.00
 ***** 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.
 Note: Materials and equipment use fee \$25.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

STUDIO INTERNSHIP ARTIS 697 VAR. CREDITS
 2663005 A ARRANGED
 MEETS: JAN 14-MAY 10

RESEARCH: THESIS ARTIS 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH:THESIS EXHIB ARTIS 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS
 4480005 ARRANGED
 MEETS: JAN 14-MAY 10

THESIS RESEARCH IGS 699 VAR. CREDITS
 4481005 ARRANGED
 MEETS: JAN 14-MAY 10

INTERIOR DESIGN

SOPHOMOR FIELD STDY ARTID 259 R CREDIT
 Prereq: ENROLLMENT IN INTERIOR DESIGN STUDIO
 COURSE

Note: COURSE RESTRICTED TO ARTID MAJORS
 Satisfactory-Fail Only.
 2162005 A ARRANGED
 MEETS: JAN 14-MAY 10

GRPH COM INT DSN II ARTID 263 3 CREDITS
 Prereq: 261, ENROLLMENT IN 267
 Note: COURSE RESTRICTED TO ARTID MAJORS

2177005 A MW 8:00-8:50
 MW 11:00-1:00
 MEETS: JAN 14-MAY 10

2177010 B MW 8:00-8:50
 MW 9:00-10:50
 MEETS: JAN 14-MAY 10

2177015 C MW 8:00-8:50
 MW 9:00-10:50
 MEETS: JAN 14-MAY 10

INT DSIGN STUDIO II ARTID 267 4 CREDITS
 Prereq: ARTID 265

Note: COURSE RESTRICTED TO ARTID MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.

1714005 A TR 9:00-11:50
 T 8:00-8:50
 MEETS: JAN 14-MAY 10

1714010 B TR 9:00-11:50
 T 8:00-8:50
 MEETS: JAN 14-MAY 10

1714015 C TR 9:00-11:50
 T 8:00-8:50
 MEETS: JAN 14-MAY 10

1714020 D TR 9:00-11:50
 T 8:00-8:50
 MEETS: JAN 14-MAY 10

INTERIOR DESIGN (CONTINUED)

INTERR FINISH MATRL ARTID 350 3 CREDITS
 Prereq: COMPLETION OF THE COLLEGE OF DESIGN CORE
 Note: Instructor permission required 1st week.
 1859005 A MW 2:10-3:30
 MEETS: JAN 14-MAY 10

HEALTH &SAFETY SYST ARTID 351 3 CREDITS
 Note: COURSE RESTRICTED TO ARTID MAJORS
 Instructor permission required 1st week.
 1683005 A TR 3:10-4:30
 MEETS: JAN 14-MAY 10

ENVIRN CONTROL SYST ARTID 352 3 CREDITS
 Note: COURSE RESTRICTED TO ARTID JUNIORS ONLY.
 Instructor permission required 1st week.
 1656005 A MW 10:00-11:30PM
 MEETS: JAN 14-MAY 10

INT DSN HIST/THRY I ARTID 355 3 CREDITS
 Note: Instructor permission required 1st week.
 1689005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10

SOPH INTERNSH SEMNR ARTID 360 1 CREDIT
 Prereq: SOPH CLASSIF IN INTERIOR DESIGN PROGRAM
 Note: Instructor permission required 1st week.
 1818005 A W 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO SOPHOMORES ONLYRS

JR INTERNSHP SEMNAR ARTID 361 1 CREDIT
 Prereq: JUNIOR CLASSIFICATION IN INTERIOR
 DESIGN PROGRAM
 6463005 A M 9:00-9:50
 MEETS: JAN 14-MAY 10

INT DESIGN STDIO IV ARTID 367 4 CREDITS
 Prereq: ARTID 365
 Note: Instructor permission required 1st week.
 1817005 A MW 2:10-5:00
 M 1:10-2:00
 MEETS: JAN 14-MAY 10
 1817010 B MW 2:10-5:00
 M 1:10-2:00
 MEETS: JAN 14-MAY 10
 1817015 C MW 2:10-5:00
 M 1:10-2:00
 MEETS: JAN 14-MAY 10
 1817020 D MW 2:10-5:00
 M 1:10-2:00
 MEETS: JAN 14-MAY 10

INT DESIGN STDIO IV ARTID 367H 4- 5 CREDITS
 Prereq: ARTID 365. MEMBERSHIP IN UNIV HONORS PROG
 Note: Instructor permission required.
 5001005 A MW 2:10-5:00
 M 1:10-2:00, ARRANGED
 MEETS: JAN 14-MAY 10

INT DSN PRO PRACTCE ARTID 461 2 CREDITS
 Prereq: ARTID 460
 Note: COURSE RESTRICTED TO ARTID MAJORS
 Instructor permission required 1st week.
 1847005 A T 3:40-5:40
 MEETS: JAN 14-MAY 10

INT DESIGN STDIO VI ARTID 467 4 CREDITS
 Prereq: ARTID 465
 Note: COURSE RESTRICTED TO ARTID MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.
 1852005 A MW 1:10-5:00, ARRANGED
 MEETS: JAN 14-MAY 10

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
 8035005 A ARRANGED
 MEETS: JAN 14-MAY 10

DSGN HUMANC SENSORY ARTID 551A 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 8255005 A TR 5:10-6:30PM
 MEETS: JAN 14-MAY 10

INTERIOR DESIGN (CONTINUED)

DSGN MTHDS:PROC ALT ARTID 552D 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1824005 A M 5:30-7:30PM
 MEETS: JAN 14-MAY 10

INTRR DSN STUDIO VI ARTID 567 4 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Instructor permission required 1st week.
 1907005 A MW 1:10-5:00, ARRANGED
 MEETS: JAN 14-MAY 10

ADV STUDI DSGN THRY ARTID 569A 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF
 INSTRUCTOR
 7179005 A TR 12:10-1:30
 MEETS: JAN 14-MAY 10

ADV STDI:SUSTBL TEC ARTID 569C 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF
 INSTRUCTOR
 1723005 A MW 8:00-9:50
 MEETS: JAN 14-MAY 10

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
 9582005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 9582010 2 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 9582015 3 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

SEMNR INT'L STUDIES INTST 430 3 CREDITS
 Prereq: INTST 235, JUNIOR CLASSIFICATION OR
 HIGHER
 Note: Meets international perspectives reqmt
 9583005 1A TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO INTST MAJORS
 9583010 1B TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 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 14-MAY 10

THINK GLOBALLY INTST 491 1 CREDIT
 Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD
 AND/OR INTERNSHIP ABROAD
 Satisfactory-Fail Only.
 3467005 1 MWF 1:10-2:00
 MEETS: JAN 14-MARCH 8

ITALIAN

INTENS BEGN ITALIAN ITAL 107 4 CREDITS
 9528005 1 MTWR 10:00-10:50
 MEETS: JAN 14-MAY 10

JOURNALISM & MASS COMMUNICATION

MASS MEDIA &SOCIETY JL MC 101 3 CREDITS
 4656005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY.
 4656010 2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 2 FOR MAJORS OTHER THAN ADVRT, JL MC.

JOURNALISM & MASS COMMUNICATION (CONTINUED)

JOURNALISM & MASS COMMUNICATION (CONTINUED)

JOURNLS&COMM ORIENT JL MC 110 1 CREDIT
 Satisfactory-Fail Only.
 4657005 1 T 8:00-9:20
 MEETS: JAN 14-MAY 10
 4657010 2 R 9:30-10:50
 MEETS: JAN 14-MAY 10
 4657015 3 T 9:30-10:50
 MEETS: JAN 14-MAY 10

REPORT&WRIT MASS MD JL MC 201 3 CREDITS
 Prereq: CLASSIFICATION IN A GREENLEE SCHOOL
 MAJOR OR PERMISSION OF DEPARTMENT; PASS DEPARTMENTAL
 ASSESSMENT EXAM IN LANGUAGE SKILLS BEFORE REGISTERNG;
 ENGL 250; CREDIT OR ENROLLMENT IN JL MC 110
 Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS
 ONLY
 4658005 1 MW 8:00-10:10
 ARRANGED
 MEETS: JAN 14-MAY 10
 4658010 2 MW 8:00-10:10
 ARRANGED
 MEETS: JAN 14-MAY 10
 4658015 3 TR 12:40-2:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 4658020 4 TR 9:50-12:00
 MEETS: JAN 14-MAY 10
 4658025 5 TR 10:20-12:30
 ARRANGED
 MEETS: JAN 14-MAY 10
 4658030 6 TR 4:10-6:20PM
 ARRANGED
 MEETS: JAN 14-MAY 10
 4658035 7 MW 10:20-12:30
 ARRANGED
 MEETS: JAN 14-MAY 10

JOURNALISM PRINCIPLS JL MC 240 3 CREDITS
 1294005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

VISUAL PRIN MASS CM JL MC 242 3 CREDITS
 Note: SEC 1A RESTRICTED TO JL MC, ADVRT, P R
 SOPH, JRS, SRS. SEC 1B FOR MAJORS OTHER THAN
 P R
 4673005 1A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 4673010 1B MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

INT REPORT MASS MED JL MC 302 3 CREDITS
 Prereq: JL MC 110; JL MC 201 WITH A GRADE
 OF C+ OR BETTER
 4659005 1 MW 3:10-5:00
 MEETS: JAN 14-MAY 10
 4659010 2 MW 12:40-2:30
 MEETS: JAN 14-MAY 10

BROADCAST WRIT&RPRT JL MC 303 3 CREDITS
 Prereq: JL MC 110; JL MC 201 WITH A GRADE
 OF C+ OR BETTER
 8511005 1 MW 10:00-11:50
 MEETS: JAN 14-MAY 10
 8511010 2 MW 8:00-9:50
 MEETS: JAN 14-MAY 10

BROADCAST PRODUCTN JL MC 306 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS
 8513005 1 TR 2:10-4:00
 MEETS: JAN 14-MAY 10

DIGITL VIDEO PRODUC JL MC 307 3 CREDITS
 Prereq: CLASSIFICATION IN A GREENLEE SCHOOL MAJOR
 4727005 1 MW 12:10-1:00
 F 8:00-9:50
 MEETS: JAN 14-MAY 10
 4727010 2 MW 12:10-1:00
 F 10:00-11:50
 MEETS: JAN 14-MAY 10
 4727015 3 MW 12:10-1:00
 F 12:10-2:00
 MEETS: JAN 14-MAY 10

GATHER BRDCAST NEWS JL MC 308 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS.
 4665005 1 MW 2:10-4:00
 MEETS: JAN 14-MAY 10

FUND PHOTOJOURNALSM JL MC 310 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO JL MC, ADVRT P R MAJORS
 EQUIPMENT PURCHASE MAY BE REQUIRED.
 8688005 1 MW 12:10-2:00
 MEETS: JAN 14-MAY 10
 8688010 2 MW 2:10-4:00
 MEETS: JAN 14-MAY 10
 8688015 3 TR 8:00-9:50
 MEETS: JAN 14-MAY 10

MULTIMEDIA PRODUCTN JL MC 315 3 CREDITS
 Prereq: JL MC 308 OR JL MC 310 OR JL MC 316 OR
 EQUIVALENT COMPUTER DESIGN PROFICIENCY
 Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS
 ONLY
 4663005 1 TR 12:10-2:00
 MEETS: JAN 14-MAY 10

INTRO DIGITL PUBLSH JL MC 316 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN JL MC 242
 AND C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R
 SOPHOMORES, JUNIORS AND SENIORS ONLY
 5325005 1 TR 8:00-9:40
 MEETS: JAN 14-MAY 10
 5325010 2 TR 9:50-11:30
 MEETS: JAN 14-MAY 10
 5325015 3 TR 12:20-2:00
 MEETS: JAN 14-MAY 10

MOBILE DVIC PUBLSHG JL MC 317 3 CREDITS
 Prereq: JL MC 316 OR EQUIV COMPUTER DESIGN
 PROFICIENCY; JL MC 310 OR JL MC 315
 5330005 1 TR 3:10-5:25
 MEETS: JAN 14-MAY 10

FEATURE WRITING JL MC 344 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 302 OR P R 321
 Note: CREDIT FOR EITHER JL MC 344 OR ENGL 303, BUT
 NOT BOTH, MAY BE APPLIED TOWARD JL MC AND ADVRT
 DEGREE REQUIREMENTS
 4674005 1 TR 2:10-4:00
 MEETS: JAN 14-MAY 10

NEWS&FEATUR EDITING JL MC 349 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 302 OR P R 321
 Note: COURSE RESTRICTED TO ADVRT, JL MC P R MAJORS
 ONLY. TOPIC: PRINT EDITING
 4677005 1 TR 10:00-11:50
 MEETS: JAN 14-MAY 10

PRO SKILL DEVEL:MAP JL MC 390A 1 CREDIT
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR
 PERMISSION FOR NONMAJORS
 9706005 1 ARRANGED
 MEETS: JAN 14-MAY 10

PRO SKIL:FASHN WRIT JL MC 390J 3 CREDITS
 9780005 1A MW 2:40-3:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO ADVRT, JL MC, P R MAJORS
 ONLY
 9780010 1B MW 2:40-3:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1B FOR MAJORS OTHER THAN ADVRT, JL MC,
 P R MAJORS

MASS COMMUNICAT LAW JL MC 460 3 CREDITS
 Prereq: JL MC 110, C+ OR BETTER IN JL MC 201,
 JUNIOR CLASSIFICATION, NONMAJORS MUST HAVE PERMISSION
 OF THE DEPARTMENT
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R JUNIORS &
 SENIORS ONLY
 4688005 1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 4688010 2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

MEDIA ETHICS,FREEDM JL MC 462 3 CREDITS
 Prereq: JL MC 110, C+ OR BETTER IN JL MC 201,
 CLASSIFICATION IN A GREENLEE SCHOOL MAJOR
 Note: COURSE RESTRICTED JUNIORS AND ABOVE.
 4690005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

JOURNALISM & LIT JL MC 464 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 4691005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

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

SPL TOPC MAGZN PUBL JL MC 497C 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9911005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

SPL TP FIRST AMENDM JL MC 497D 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9720005 1 MW 1:30-3:00
 MEETS: JAN 14-MARCH 8

JOURNALISM & MASS COMMUNICATION (CONTINUED)

SPL TOP COMPUT COMM JL MC 497J 3 CREDITS
 9907005 A1 MW 4:10-5:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY
 9907010 A2 MW 4:10-5:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN ADVRT, JL MC,
 P R

SPL TOP:PLN SO MDIA JL MC 497L 1- 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9654005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

PRO MDIA INTERN:REQ JL MC 499A 3 CREDITS
 Prereq: JL MC 110, FORMAL FACULTY ADVISR APPROVAL
 JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 306
 ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301
 P R MAJORS: P R 301, C+ OR BETTER IN P R 321
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO MDIA INTERN:OPT JL MC 499B 1- 3 CREDITS
 Prereq: JL MC 110, FORMAL FACULTY ADVISR APPROVAL
 JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 306
 ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301
 P R MAJORS: P R 301, C+ OR BETTER IN P R 321
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV RES MTHDS:QUANT JL MC 503X 3 CREDITS
 Prereq: JL MC 502 (OR EQUIVALENT BASIC
 RESEARCH METHOD COURSE) OR PERMISSION OF INSTRUCTOR
 8922005 MW 4:10-5:30
 MEETS: JAN 14-MAY 10

ADV RES MTHDS:QUALV JL MC 504X 3 CREDITS
 Prereq: JL MC 502 OR EQUIVALENT RESEARCH
 METHODS COURSE
 8949005 R 5:40-8:30PM
 MEETS: JAN 14-MAY 10

STRATEG OF COMMUNIC JL MC 510 3 CREDITS
 Prereq: JL MC 501
 4730005 1 TR 4:10-5:30
 MEETS: JAN 14-MAY 10

RISK PERCEP&CMUNICA JL MC 560 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 Note: SEC 1A RESTRICTED TO JL MC MAJORS ONLY. SEC
 1B FOR MAJORS OTHER THAN JL MC
 3227005 1A W 5:40-8:30PM
 MEETS: JAN 14-MAY 10
 3227010 1B W 5:40-8:30PM
 MEETS: JAN 14-MAY 10

COMM TECH&SOC CHANG JL MC 574 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 4736005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

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

JOURNALISM & MASS COMMUNICATION (CONTINUED)

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 9:30-10:50
 MEETS: JAN 14-MAY 10

SWIMMING II KIN 102 1 CREDIT
 Prereq: KIN 101 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5661005 1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

AQUATIC FITNESS KIN 108 1 CREDIT
 Prereq: KIN 102 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5665005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

BADMINTON KIN 122 1 CREDIT
 Satisfactory-Fail Only.
 5671005 1 MWF 9:00-10:20
 MEETS: JAN 14-MARCH 8
 Note: MATERIALS, EQUIPMENT FEE \$25.00
 5671010 2 MWF 10:30-11:50
 MEETS: JAN 14-MARCH 8
 Note: MATERIALS, EQUIPMENT FEE \$25.00

BOWLING KIN 129 1 CREDIT
 Satisfactory-Fail Only.
 5675005 1 MW 9:00-9:50
 MEETS: JAN 14-MAY 10
 5675010 2 MW 10:00-10:50
 MEETS: JAN 14-MAY 10
 5675015 3 MW 11:00-11:50
 MEETS: JAN 14-MAY 10
 5675020 4 TR 9:30-10:20
 MEETS: JAN 14-MAY 10
 5675025 5 TR 11:00-11:50
 MEETS: JAN 14-MAY 10
 5675030 6 TR 12:40-1:30
 MEETS: JAN 14-MAY 10

GOLF KIN 135 1 CREDIT
 Satisfactory-Fail Only.
 5678005 1 MWF 8:00-9:20
 MEETS: MARCH 11-MAY 10
 5678010 2 MWF 9:30-10:50
 MEETS: MARCH 11-MAY 10
 5678015 3 MWF 11:00-12:20
 MEETS: MARCH 11-MAY 10

RACQUETBALL KIN 144 1 CREDIT
 Satisfactory-Fail Only.
 5683005 1 MW 9:00-9:50
 MEETS: JAN 14-MAY 10
 5683010 2 MW 10:00-10:50
 MEETS: JAN 14-MAY 10

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 14-MARCH 8

TENNIS KIN 158 1 CREDIT
 Satisfactory-Fail Only.
 5690005 1 MWF 9:30-10:50
 MEETS: MARCH 11-MAY 10
 5690010 2 MWF 11:00-12:20
 MEETS: MARCH 11-MAY 10
 5690015 3 MWF 12:30-2:00
 MEETS: MARCH 11-MAY 10

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 14-MAY 10

WALKING FOR FITNESS KIN 164 1 CREDIT
 Satisfactory-Fail Only.
 8867005 1 MWF 11:00-12:05
 MEETS: MARCH 11-MAY 10
 8867010 2 TR 9:30-11:05
 MEETS: MARCH 11-MAY 10
 8867015 3 TR 11:00-12:35
 MEETS: MARCH 11-MAY 10

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

RUNNING FOR FITNESS KIN 165 1 CREDIT
 Satisfactory-Fail Only.
 5343005 1 MWF 8:00-9:20
 MEETS: MARCH 11-MAY 10

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 14-MAY 10
 5696010 2 MW 10:00-10:50
 MEETS: JAN 14-MAY 10
 5696015 3 MW 11:00-11:50
 MEETS: JAN 14-MAY 10
 5696020 4 MW 12:10-1:00
 MEETS: JAN 14-MAY 10
 5696025 5 MW 1:10-2:00
 MEETS: JAN 14-MAY 10

JUDO KIN 168 1 CREDIT
 Satisfactory-Fail Only.
 5353005 1 TR 9:00-9:50
 MEETS: JAN 14-MAY 10

TAEKWONDO/KARATE I KIN 170 1 CREDIT
 Satisfactory-Fail Only.
 5700005 1 MW 9:00-9:50
 MEETS: JAN 14-MAY 10
 5700010 2 MW 10:00-10:50
 MEETS: JAN 14-MAY 10
 5700015 3 MW 11:00-11:50
 MEETS: JAN 14-MAY 10

TAEKWONDO/KARATE II KIN 171 1 CREDIT
 Prereq: 170
 Satisfactory-Fail Only.
 5701005 1 TR 12:10-1:00
 MEETS: JAN 14-MAY 10

HAPKIDO/MARTIAL ARTS KIN 173 1 CREDIT
 Satisfactory-Fail Only.
 5702005 1 TR 11:00-11:50
 MEETS: JAN 14-MAY 10

VOLLEYBALL KIN 182 1 CREDIT
 Satisfactory-Fail Only.
 5710005 1 TR 11:00-11:50
 MEETS: JAN 14-MAY 10
 5710010 2 TR 12:10-1:00
 MEETS: JAN 14-MAY 10
 5710015 3 TR 1:10-2:00
 MEETS: JAN 14-MAY 10

SOCCER KIN 185 1 CREDIT
 Satisfactory-Fail Only.
 5712005 1 TR 10:00-10:50
 MEETS: JAN 14-MAY 10

CNCPPTS FITNS&WELLN KIN 210 2 CREDITS
 8843005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

SCHOOL PHY ACT PROG KIN 214 1 CREDIT
 Prereq: FRESHMAN CLASSIFICATION
 Satisfactory-Fail Only.
 4672005 ARRANGED
 MEETS: JAN 14-MAY 10

FUND INDIVIDL SPORT KIN 236 1 CREDIT
 Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
 Note: COURSE RESTRICTED TO HHP, KIN H MAJORS ONLY. FOR STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. Instructor permission required 1st week.
 9620005 1 TR 12:10-2:00
 MEETS: JAN 14-MAY 10

HEALTH CAREER PLAN KIN 242 .5 CREDIT
 Prereq: KIN H MAJOR IN PHP OPTION WITH SOPHOMORE CLASSIFICATION OR ABOVE
 Satisfactory-Fail Only.
 4697005 1 R 2:10-3:00
 MEETS: JAN 14-MARCH 8
 4697010 2 F 1:10-2:00
 MEETS: JAN 14-MARCH 8

KINESIOLOGY PROFESSNS KIN 252 1 CREDIT
 7415005 1 M 12:10-1:00
 MEETS: JAN 14-MAY 10
 7415010 2 M 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC 2 FOR MAJORS OTHER THAN A TH, KIN, P ATH

ORIEN KINESIOLOGY&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 14-MAY 10
 7498010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

PHYS FITNESS & COND KIN 258 2 CREDITS
 Prereq: MAJOR IN KINESIOLOGY OR HEALTH ONLY
 Note: SEC 1A, 2A ETC RESTRICTED TO A TR, PDEXA, PDEXH, HHP, KIN H, P ATR MAJORS ONLY. SEC 1B, 2M FOR MAJORS OTHER THAN A TR, PDEXA, PDEXH, HHP, KIN H, P ATR MAJORS.
 CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 5732005 1A TR 8:00-8:50, ARRANGED
 MEETS: JAN 14-MAY 10
 5732010 1B TR 8:00-8:50, ARRANGED
 MEETS: JAN 14-MAY 10
 5732015 2A TR 9:00-9:50, ARRANGED
 MEETS: JAN 14-MAY 10
 5732020 2B TR 9:00-9:50, ARRANGED
 MEETS: JAN 14-MAY 10
 5732025 3A TR 10:00-10:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 5732030 3B TR 10:00-10:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 5732035 4A TR 11:00-11:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 5732040 4B TR 11:00-11:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 5732045 5A TR 12:10-1:00
 ARRANGED
 MEETS: JAN 14-MAY 10
 5732050 5B TR 12:10-1:00
 ARRANGED
 MEETS: JAN 14-MAY 10
 5732055 6A TR 1:10-2:00, ARRANGED
 MEETS: JAN 14-MAY 10
 5732060 6B TR 1:10-2:00, ARRANGED
 MEETS: JAN 14-MAY 10
 5732065 7A TR 2:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10
 5732070 7B TR 2:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10

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 W 1:10-2:00
 M 1:10-3:00
 MEETS: JAN 14-MAY 10
 9622010 2 W 1:10-2:00
 M 3:10-5:00
 MEETS: JAN 14-MAY 10

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 8:00-9:20, ARRANGED
 MEETS: JAN 14-MAY 10
 7421010 2 TR 9:30-10:50
 ARRANGED
 MEETS: JAN 14-MAY 10

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 8:00-11:30
 MEETS: JAN 14-MAY 10
 5736010 2 R 8:00-11:30
 MEETS: JAN 14-MAY 10

FIELD EXP SECY P E KIN 281 1 CREDIT
 Note: COURSE RESTRICTED TO STUDENTS ACCEPTED TO FULL TEACHER EDUCATION
 Satisfactory-Fail Only.
 7699005 1 F 8:00-11:30
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 7699010 2 R 8:00-11:30
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.

KINESIOLOGY (CONTINUED)

FLD EXP EDUC OUTRCH KIN 282 1 CREDIT
 Prereq: ADMISSION TO UNIVERSITY TEACHER EDUC PROG
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 2959005 1 TR 3:30-6:00PM
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 5737010 2 TR 8:00-10:50
 MEETS: JAN 14-MAY 10

PRE-INTERN KIN&HLTH KIN 285 1- 2 CREDITS
 Prereq: KINESIOLOGY AND HEALTH MAJOR, AND
 PERMISSION OF INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 8750005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

INDEPENDENT STUDY KIN 290 1 CREDIT
 Prereq: SOPHOMORE OR 2ND SEMESTER FRESHMAN,
 PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SECDY PHYSICAL EDUC KIN 313 3 CREDITS
 Prereq: ADMISSION TO EDUCATOR PREPARATION
 PROGRAM; KIN 281
 5756005 1 MW 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 14-MAY 10
 5756010 2 MW 2:10-3:00
 F 8:00-10:50
 MEETS: JAN 14-MAY 10

COACH THY&ADMIN ISS KIN 315 3 CREDITS
 Note: COURSE RESTRICTED TO JRS AND SRS ONLY.
 5372005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

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 14-MAY 10

BIOMECHANICS KIN 355 3 CREDITS
 Prereq: PHYS 111 OR PHYS 115
 5752005 1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 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
 MEETS: JAN 14-MAY 10
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN D EXA,
 D EXH, KIN, KIN H, PDEXA, PDEXH. JRS & ABOVE &
 FSHNH GRADS.
 5752015 3 TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 PDEXA, PDEXH JRS & SRS, KIN H & FSHNH GRADS.
 5752020 4 TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 Note: SEC 4 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.
 5766005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 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
 MEETS: JAN 14-MAY 10
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR,
 D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH. JRS &
 ABOVE ONLY.
 5766015 3 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 PDEXA, PDEXH JRS & SRS & KIN H MAJORS.
 5766020 4 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN A TR,
 D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH. JRS &
 ABOVE ONLY.

KINESIOLOGY (CONTINUED)

SOC PHY ACTV&HEALTH KIN 360 3 CREDITS
 Prereq: SOC 134, STAT 101 OR 104 OR 226/326;
 OR KIN 471
 5753005 1 F 10:00-10:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH,
 PDEXA, P ATR, PDEXH JRS & SRS, KIN H, FSHNH
 GRADS

5753010 2 F 11:00-11:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 2 RESTRICTED TO A TR, D EXA, D EXH, PDEXA,
 P ATR, PDEXA, PDEXH JRS & SRS, KIN H MAJORS.

5753015 3 F 11:00-11:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 3 OPEN TO MAJORS OTHER THAN A TR, D EXA,
 D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH

5753020 4 F 10:00-10:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 4 OPEN TO MAJORS OTHER THAN A TR, D EXA,
 D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH

BASC ELECADIOGRPHY KIN 363 2 CREDITS
 2074005 MW 2:10-3:00
 MEETS: JAN 14-MAY 10

SPORT PSYCHOLOGY KIN 365 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 Note: Instructor permission required 1st week.
 5754005 1 W 2:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 PDEXA, PDEXH JRS & SRS, KIN H MAJORS.

5754010 2 W 2:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10
 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
 7190005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO A TR, C H E, PDEXA, PDEXH,
 P ATR, JRS & SRS, KIN H MAJORS ONLY.

7190010 2 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 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
 9623005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 PDEXA, PDEXH JRS & SRS & KIN H, FSHNH GRADS

9623010 2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR,
 D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH. JRS &
 ABOVE ONLY

INTERNSH SRCH STRAT KIN 385 .5 CREDIT
 Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN
 MINIMUM OF TWO SEMESTERS PRIOR TO REQUIRED INTERNSHIP
 Note: COURSE RESTRICTED TO KIN H, JRS &
 ABOVE & FSHNA AND FSHNH GRADUATE STUDENTS.
 Satisfactory-Fail Only.
 5761005 1 R 2:10-3:00, ARRANGED
 MEETS: JAN 14-MARCH 8
 5761010 2 F 1:10-2:00, ARRANGED
 MEETS: JAN 14-MARCH 8

SRV LRN LEADSHP EXP KIN 391 1- 3 CREDITS
 Satisfactory-Fail Only.
 6691005 1 ARRANGED
 MEETS: JAN 14-MAY 10

SUPV TCHG-SECONDARY KIN 417 VAR. CREDITS
 Prereq: KIN 281, KIN 282, KIN 313, KIN 355,
 KIN 395, KIN 471, KIN 475; ADMISSION TO TEACHER
 EDUCATION; APPROVAL BEFORE ENROLLING IN THE COURSE.
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Department permission required.
 5764010 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 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 14-MARCH 8
 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 11-MAY 10
 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 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE SECOND 8 WEEKS OF THE SEMESTER.

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

SUPV TCHG-SECONDARY KIN 417 VAR. CREDITS
Instructor permission required 1st week.

SUPR TCHG-ELEMENTRY KIN 418 8 CREDITS
Prereq: KIN 280, KIN 282, KIN 312, KIN 355,
KIN 395, KIN 471, KIN 475, MUST BE 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
Department permission required.

5765005 1A ARRANGED
MEETS: JAN 14-MARCH 8
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 14-MARCH 8
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 11-MAY 10
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 11-MAY 10
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 14-MAY 10

PRIN FITNESS ASSESS KIN 458 4 CREDITS
Prereq: KIN 258, KIN 358
Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, KIN H
MAJORS & FSHNA AND FSHNH GRADUATE STUDENTS

5767005 1 MWF 1:10-2:00
T 1:10-3:00
MEETS: JAN 14-MAY 10

5767010 2 MWF 1:10-2:00
T 3:10-5:00
MEETS: JAN 14-MAY 10

5767015 3 MWF 1:10-2:00
T 11:00-1:00
MEETS: JAN 14-MAY 10

5767020 4 MWF 10:00-10:50
R 5:10-7:00PM
MEETS: JAN 14-MAY 10

5767025 5 MWF 10:00-10:50
R 1:10-3:00
MEETS: JAN 14-MAY 10

5767030 6 MWF 10:00-10:50
R 11:00-1:00
MEETS: JAN 14-MAY 10

5767035 7 MWF 10:00-10:50
R 3:10-5:00
MEETS: JAN 14-MAY 10

INTERN EXER LEADRS 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 14-MAY 10

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

5763005 1 MWF 9:00-9:50
MEETS: JAN 14-MAY 10

5763010 2 MWF 2:10-3:00
MEETS: JAN 14-MAY 10

5763015 3 TR 8:00-9:20
MEETS: JAN 14-MAY 10

EXERC&HLTH:BHVR CHG KIN 467 3 CREDITS
Prereq: KIN 366 OR EQUIVALENT
Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR
KIN, KIN H, P DEXA, PDEXH JR & SRS.

6255005 1 W 10:00-11:50
ARRANGED
MEETS: JAN 14-MAY 10

MEASUREMT IN PHY ED KIN 471 3 CREDITS
Prereq: ADMISSION TO EDUCATOR PREPARATION
PROGRAM, KIN 280 OR KIN 281
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

7432005 1 MWF 1:10-2:00
MEETS: JAN 14-MAY 10

NEURL BASIS HUM MVT KIN 472 3 CREDITS
Prereq: KIN 372 OR PSYCH 310
Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR
KIN, KIN H, P DEXA, PDEXH JR & SRS.

7322005 MW 3:10-4:30
MEETS: JAN 14-MAY 10

FUNCTIONAL ANATOMY KIN 480 3 CREDITS
Prereq: KIN 355; BIOL 155 OR BIOL 255 AND BIOL
256
Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR
KIN, KIN H, P DEXA, PDEXH JR & SRS.

6175005 1 TR 11:00-12:20
MEETS: JAN 14-MAY 10

INTERNSH FITNSS MGT KIN 485A 8-16 CREDITS
Prereq: ALL REQUIRED COURSES; C- OR BETTER IN
KIN 458, KIN 459, AND KIN 462; CLASSIFICATION IN A
KINESIOLOGY OR HEALTH MAJOR; CUMULATIVE GPA 2.0
Satisfactory-Fail Only.

5772005 ARRANGED
MEETS: JAN 14-MAY 10
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.
Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

PRA MOTV INTVW:PRIN KIN 494A 1 CREDIT
Prereq: JUNIOR/SENIOR STATUS AND PERMISSION
OF INSTRUCTOR
Satisfactory-Fail Only.

9731005 T 2:10-3:00
MEETS: JAN 14-MAY 10

PRA MOTV INTVW:SUPV KIN 494B 1 CREDIT
Prereq: KIN 494A, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

9729005 1 ARRANGED
MEETS: JAN 14-MARCH 8

9729010 2 ARRANGED
MEETS: MARCH 11-MAY 10

RESRCH MTH PHY ACTV KIN 501 3 CREDITS
Prereq: GRAD CLASSIFICATION IN KINESIOLOGY AND
HEALTH

5780005 TR 12:40-2:00
MEETS: JAN 14-MAY 10

STDT TEACH ELEM P E KIN 518 8 CREDITS
Prereq: KIN 512, KIN 570, KIN 575

7443005 1A ARRANGED
MEETS: JAN 14-MAY 10

7443010 2A ARRANGED
MEETS: JAN 14-MAY 10

STDT TEACH SECD P E KIN 519 8 CREDITS
Prereq: KIN 512, KIN 570, KIN 575

7448005 1A ARRANGED
MEETS: JAN 14-MAY 10

7448010 2A ARRANGED
MEETS: JAN 14-MAY 10

ADV PHYSIOL EXER II KIN 551 3 CREDITS
Prereq: KIN 505
Note: COURSE RESTRICTED TO GRADUATE STUDENTS

5792005 1 T 4:10-6:00PM
R 4:10-6:00PM
MEETS: JAN 14-MAY 10

MOTOR DEV&PHY ACTIV KIN 561 2- 3 CREDITS
Prereq: PSYCH 230
Note: COURSE OFFERED FOR 3 CREDITS

5795005 MW 3:10-4:30
MEETS: JAN 14-MAY 10

ACTVT AESSMT RSRCH KIN 570 3 CREDITS
Note: COURSE RESTRICTED TO FSHNH GRADS ONLY

7454005 TR 3:10-4:30
MEETS: JAN 14-MAY 10

MEASUREMT IN PHY ED KIN 571 3 CREDITS
Prereq: ADMISSION TO EDUCATOR PREPARATION PROGRAM

7459005 1 MWF 1:10-2:00
MEETS: JAN 14-MAY 10

KINESIOLOGY

(CONTINUED)

LANDSCAPE ARCHITECTURE

(CONTINUED)

SPECIAL TOPICS P E KIN 590A 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO KIN 590B 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 590D 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT SOCIO KIN 590E 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH KIN 590F 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR BEHAV KIN 590G 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS KIN 590H 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL 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.

 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT KIN 599 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SEMINAR KIN 615 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2019
 Instructor permission required 1st week.
 5812005 F 1:10-2:00
 MEETS: JAN 14-MAY 10

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 1 MW 1:10-5:20
 F 4:10-5:20
 F 1:10-3:50
 MEETS: JAN 14-MAY 10

4767010 2 MW 1:10-5:20
 F 4:10-5:20
 F 1:10-3:50
 MEETS: JAN 14-MAY 10

DIGTL DSN MTHDS L A L A 211 3 CREDITS
 9796005 W 11:00-11:50
 F 10:00-11:50
 MEETS: JAN 14-MAY 10

INTRDUCD PLT MIDWST L A 222 3 CREDITS
 Prereq: L A 221
 Note: Instructor permission required 1st week.
 4774005 T 12:40-1:30
 T 1:40-4:00
 R 2:10-4:00
 MEETS: JAN 14-MAY 10

SOCIAL&BEHAV LNDSACP L A 274 3 CREDITS
 Note: Meets U.S. diversity reqmt
 7943005 1 T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 14-MAY 10

LANDSCAPE DYNAMICS L A 282 3 CREDITS
 Prereq: SOPHOMORE STANDING
 4263005 T 11:00-11:50
 R 11:00-12:50
 MEETS: JAN 14-MAY 10

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 1 F 1:10-3:50
 F 4:10-5:20
 MW 1:10-5:20
 MEETS: JAN 14-MAY 10

4778020 2 F 1:10-3:50
 F 4:10-5:20
 MW 1:10-5:20
 MEETS: JAN 14-MAY 10

FIELD TRAVEL L A 309 1- 2 CREDITS
 Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM
 AND PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 4771005 ARRANGED
 MEETS: JAN 14-MAY 10

CONTEMP LANDSC ARCH L A 341 1 CREDIT
 Prereq: L A 301
 6119005 M 12:10-1:00
 MEETS: JAN 14-MAY 10

HIST MODRN LANDSCAP L A 371 3 CREDITS
 4662005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

ADV LAND ARC DESIGN L A 404 6 CREDITS
 Prereq: L A 401
 Note: Instructor permission required 1st week.
 4781005 ARRANGED
 MEETS: JAN 14-MAY 10

ADV LAND ARC DESIGN L A 404H 6- 7 CREDITS
 Prereq: L A 401. MEMBERSHIP IN UNIV HONORS
 PROGRAM.
 Note: Instructor permission required.
 7150005 ARRANGED
 MEETS: JAN 14-MAY 10

PROFESSIONL PRACTCE L A 442 2 CREDITS
 Prereq: L A 481
 Note: Instructor permission required 1st week.
 4783005 M 10:00-11:50
 MEETS: JAN 14-MAY 10

LAND ARCH INTERNSHP L A 444A R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 3036005 ARRANGED
 MEETS: JAN 14-MAY 10

L ARCH STUDY ABROAD L A 444B R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 6212005 ARRANGED
 MEETS: JAN 14-MAY 10

LA NAT'L STDT XCHNG L A 444C R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 6213005 ARRANGED
 MEETS: JAN 14-MAY 10

WEB MAPPING/GIS L A 458 3 CREDITS
 Prereq: C R P 451 OR C R P 551, L A 302,
 GEOL 452 OR GEOL 552 OR INSTRUCTOR PERMISSION
 9864005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

ADV LNDSACP CONSTRUC L A 482 3 CREDITS
 Prereq: L A 481
 8224005 TR 11:00-12:30
 MEETS: JAN 14-MAY 10

IND STDY LAND DSIGN 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

LANDSCAPE ARCHITECTURE (CONTINUED)

LANDSCAPE ARCHITECTURE (CONTINUED)

IND STU LANDSC PLAN L A 490E 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY URBAN DSGN L A 490F 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY GRAPHICS L A 490G 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS L A 490H 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INTERDISC L A 490I 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STU INT'L STUDI L A 490J 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY CMPTR APPL L A 490K 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY ECO DESIGN L A 490L 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOCIAL/BHV L A 490M 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

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

ENVIRONMTL LAW&PLAN L A 491 3 CREDITS
 Prereq: 6 CREDITS IN NATURAL SCIENCES
 3551005 A W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

FIELD TRAVEL L A 509 1 CREDIT
 Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM,
 PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 8788005 ARRANGED
 MEETS: JAN 14-MAY 10

DESIGN INQUIRY L A 541 3 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 4806005 M 9:00-11:50
 MEETS: JAN 14-MAY 10

PROFESSIONL PRACTCE L A 542 2 CREDITS
 Note: Instructor permission required 1st week.
 3451005 M 10:00-11:50
 MEETS: JAN 14-MAY 10

COLLOQUIUM I - RSRCH L A 543 1 CREDIT
 Prereq: GRADUATE STANDING
 Satisfactory-Fail Only.
 9821005 R 12:40-1:50
 MEETS: JAN 14-MAY 10

WEB MAPPING/GIS L A 558 3 CREDITS
 Prereq: C R P 451 OR C R P 551, L A 302,
 GEOL 452 OR GEOL 552 OR INSTRUCTOR PERMISSION
 4024005 1 ARRANGED
 MEETS: JAN 14-MAY 10

DIGTL DSN MTH L ARC L A 559 3 CREDITS
 9822005 1 TR 11:00-12:30
 MEETS: JAN 14-MAY 10

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

LANDSCPE STRUCTURES L A 587 3 CREDITS
 Prereq: L A 583
 9936005 TR 2:40-4:00, ARRANGED
 MEETS: JAN 14-MAY 10

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 DSIGN 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

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

ENVIRONMTL LAW&PLAN L A 591 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2350005 A W 5:10-8:00PM
 MEETS: JAN 14-MAY 10

ENVIR JUSTC BUILT E L A 594 3 CREDITS
 Prereq: GRADUATE STANDING OR SENIOR CLASSIFICATN
 4164005 R 5:10-8:00PM
 MEETS: JAN 14-MAY 10

CREATIVE COMPONENT L A 599 1- 8 CREDITS
 Prereq: PERMISSION OF MAJOR PROF
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

STDO II:LANDFORM&PL L A 602 6 CREDITS
 Prereq: L A 601
 9824005 MWF 1:10-5:20
 MEETS: JAN 14-MAY 10

STDO IV:CITY MATTRS L A 604 6 CREDITS
 Prereq: L A 603
 4029005 ARRANGED, TR 8:00-1:00
 MEETS: JAN 14-MAY 10

LANDSCAPE ARCHITECTURE

(CONTINUED)

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 14-MAY 10
 4855010 2 MTWF 2:10-3:00
 MEETS: JAN 14-MAY 10

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

LEADERSHIP STUDIES

LEADNG WITH PURPOSE LD ST 122 1 CREDIT
 9525005 A W 6:10-8:00PM
 MEETS: JAN 14-MARCH 8
 Note: SEC A FOR STUDENTS IN THE MEN OF COLOR ORGANIZATION

CAMPUS LDRSHP DEVEL LD ST 270 3 CREDITS
 9524005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 9524010 2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 9524015 3 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY LD ST 290 1- 3 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LEAD THRU SRVC LRNG LD ST 291A 1- 4 CREDITS
 6112005 1 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

LDRSHP DIVERSE SOCI LD ST 322 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4949005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 4949010 2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 4949015 3 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 4949020 4 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

WOMEN & LEADERSHIP LD ST 333 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4980005 1 MW 3:10-4:30
 MEETS: JAN 14-MAY 10

SPL TOPC: LEADERSHP LD ST 370 1- 3 CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS
 9937005 1 MW 3:10-4:30
 MEETS: JAN 14-MAY 10

LEADR CAPSTONE SMNR LD ST 422 3 CREDITS
 Prereq: LD ST 322
 3700005 1 TR 9:00-10:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY LD ST 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LEARNING AND LEADERSHIP SCIENCES

DEVEL RSPNSBL LRNRS L L S 114 2 CREDITS
 Prereq: L L S 112
 3589005 A W 4:10-6:00PM
 MEETS: JAN 14-MAY 10

PROB SOLV &ACT PLAN L L S 312 3 CREDITS
 Prereq: L L S 212
 3592005 ARRANGED
 MEETS: JAN 14-MAY 10

LIBERAL ARTS & SCIENCES

MATH &SCI FRONTIERS LAS 103D 1 CREDIT
 Note: NO MORE THAN 3 TOTAL CREDITS OF LAS 103X, LAS 103A, LAS 103B, LAS 103C, LAS 103D, AND LAS 103E MAY BE APPLIED TOWARD GRADUATION
 Satisfactory-Fail Only.

7465005 1 M 4:10-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1 TOPIC: STEM CELLS AND CELLULAR ENGINEERING: BIOMEDICAL APPLICATIONS, POLITICS AND ETHICS
 7465010 2 T 4:10-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 2 TOPIC: CUTTING EDGE CANCER TREATMENTS

SOCIAL SCI FRNTIERS LAS 103E 1 CREDIT
 Note: NO MORE THAN 3 TOTAL CREDITS OF LAS 103X, LAS 103A, LAS 103B, LAS 103C, LAS 103D, AND LAS 103E MAY BE APPLIED TOWARD GRADUATION
 Satisfactory-Fail Only.
 7466005 1 W 4:10-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1 TOPIC: THE HISTORY OF REPRODUCTIVE RIGHTS IN AMERICA

BOLD LRNG CMM SEMNR LAS 106 1 CREDIT
 Prereq: MEMBERSHIP IN THE BOLD LEARNING COMMUNITY
 Satisfactory-Fail Only.
 4031005 1 W 4:10-5:25
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

SPL PROJCTS ADVISNG LAS 293B 1- 3 CREDITS
 Prereq: PERMISSION OF THE COLLEGE OF LAS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2019
 Instructor permission required.
 Satisfactory-Fail Only.
 2998005 ARRANGED CARTAGENA A
 MEETS: MARCH 11-MAY 10

SPECIAL PROJECTS LAS 293D 1- 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 298 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES; LAS MAJORS; SOPHOMORE CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 398 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES; LAS MAJORS; JUNIOR CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LAS LAW LAS 400 R CREDIT
 Note: College permission required.
 9763005 A ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC A DRAKE LAW SCHOOL
 9763010 B ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC B UNIVERSITY OF IOWA LAW SCHOOL

INDEPENDENT STUDY LAS 490A VAR. CREDITS
 Prereq: PERMISSION OF THE LAS COLLEGE
 Note: College permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRNSH LAS 490E VAR. CREDITS
 Prereq: PERMISSION OF THE LAS COLLEGE
 Note: NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED TOWARD GRADUATION.
 College permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SRVC LRN:DVRSTY LAS 491B 1- 4 CREDITS
 Prereq: PERMISSION OF THE COLLEGE OF LAS
 Note: Meets U.S. diversity reqmt
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 498 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES; LAS MAJORS; SENIOR CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 4543005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1 FOR STUDENTS WORKING 1-20 HOURS PER WEEK
 4543010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 2 FOR STUDENTS WORKING 21-40 HOURS PER WEEK

LIBERAL ARTS & SCIENCES

(CONTINUED)

INTERNSHIP LAS 499 1- 4 CREDITS
 Prereq: PERMISSION OF LAS CAREER SERVICES
 ***** 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. 23; THURS.,
 JAN. 24; WED., MARCH 27; OR THURS., MARCH 28,
 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 14-MARCH 8

4862010 2 M 10:00-10:50
 ARRANGED
 MEETS: JAN 14-MARCH 8

4862015 3 M 11:00-11:50
 ARRANGED
 MEETS: JAN 14-MARCH 8

4862020 4 M 1:10-2:00, ARRANGED
 MEETS: JAN 14-MARCH 8

4862025 5 M 2:10-3:00, ARRANGED
 MEETS: JAN 14-MARCH 8

4862030 6 T 9:00-9:50, ARRANGED
 MEETS: JAN 14-MARCH 8

4862035 7 T 10:00-10:50
 ARRANGED
 MEETS: JAN 14-MARCH 8

4862040 8 T 11:00-11:50
 ARRANGED
 MEETS: JAN 14-MARCH 8

4862045 9 T 1:10-2:00, ARRANGED
 MEETS: JAN 14-MARCH 8

4862050 10 T 2:10-3:00, ARRANGED
 MEETS: JAN 14-MARCH 8

4862055 11 W 9:00-9:50, ARRANGED
 MEETS: JAN 14-MARCH 8

4862060 12 W 10:00-10:50
 ARRANGED
 MEETS: JAN 14-MARCH 8

4862065 13 W 11:00-11:50
 ARRANGED
 MEETS: JAN 14-MARCH 8

4862070 14 W 1:10-2:00, ARRANGED
 MEETS: JAN 14-MARCH 8

4862075 15 W 2:10-3:00, ARRANGED
 MEETS: JAN 14-MARCH 8

4862080 16 R 9:00-9:50, ARRANGED
 MEETS: JAN 14-MARCH 8

4862085 17 R 10:00-10:50
 ARRANGED
 MEETS: JAN 14-MARCH 8

4862090 18 R 11:00-11:50
 ARRANGED
 MEETS: JAN 14-MARCH 8

4862095 19 R 1:10-2:00, ARRANGED
 MEETS: JAN 14-MARCH 8

4862100 20 R 2:10-3:00, ARRANGED
 MEETS: JAN 14-MARCH 8

4862105 21 F 9:00-9:50, ARRANGED
 MEETS: JAN 14-MARCH 8

4862110 22 F 10:00-10:50
 ARRANGED
 MEETS: JAN 14-MARCH 8

4862115 23 F 11:00-11:50
 ARRANGED
 MEETS: JAN 14-MARCH 8

4862120 24 F 1:10-2:00, ARRANGED
 MEETS: JAN 14-MARCH 8

4862125 25 F 2:10-3:00, ARRANGED
 MEETS: JAN 14-MARCH 8

4862130 26 M 9:00-9:50, ARRANGED
 MEETS: MARCH 11-MAY 10

4862135 27 M 10:00-10:50
 ARRANGED
 MEETS: MARCH 11-MAY 10

4862140 28 M 11:00-11:50
 ARRANGED
 MEETS: MARCH 11-MAY 10

4862145 29 M 1:10-2:00, ARRANGED
 MEETS: MARCH 11-MAY 10

4862150 30 M 2:10-3:00, ARRANGED
 MEETS: MARCH 11-MAY 10

4862155 31 T 9:00-9:50, ARRANGED
 MEETS: MARCH 11-MAY 10

4862160 32 T 10:00-10:50
 ARRANGED
 MEETS: MARCH 11-MAY 10

4862165 33 T 11:00-11:50
 ARRANGED
 MEETS: MARCH 11-MAY 10

4862170 34 T 1:10-2:00, ARRANGED
 MEETS: MARCH 11-MAY 10

4862175 35 T 2:10-3:00, ARRANGED
 MEETS: MARCH 11-MAY 10

4862180 36 W 9:00-9:50, ARRANGED
 MEETS: MARCH 11-MAY 10

4862185 37 W 10:00-10:50
 ARRANGED
 MEETS: MARCH 11-MAY 10

LIBRARY

(CONTINUED)

INFORMATN LITERACY LIB 160 1 CREDIT
 4862190 38 W 11:00-11:50
 ARRANGED
 MEETS: MARCH 11-MAY 10

4862200 39 W 1:10-2:00, ARRANGED
 MEETS: MARCH 11-MAY 10

4862205 40 W 2:10-3:00, ARRANGED
 MEETS: MARCH 11-MAY 10

4862210 41 R 9:00-9:50, ARRANGED
 MEETS: MARCH 11-MAY 10

4862215 42 R 10:00-10:50
 ARRANGED
 MEETS: MARCH 11-MAY 10

4862220 43 R 11:00-11:50
 ARRANGED
 MEETS: MARCH 11-MAY 10

4862225 44 R 1:10-2:00, ARRANGED
 MEETS: MARCH 11-MAY 10

4862230 45 R 2:10-3:00, ARRANGED
 MEETS: MARCH 11-MAY 10

4862235 46 F 9:00-9:50, ARRANGED
 MEETS: MARCH 11-MAY 10

4862240 47 F 10:00-10:50
 ARRANGED
 MEETS: MARCH 11-MAY 10

4862245 48 F 11:00-11:50
 ARRANGED
 MEETS: MARCH 11-MAY 10

4862250 49 F 1:10-2:00, ARRANGED
 MEETS: MARCH 11-MAY 10

4862255 50 F 2:10-3:00, ARRANGED
 MEETS: MARCH 11-MAY 10

LINGUISTICS

INTRO STDY LINGUIST LING 101 1 CREDIT
 7490005 A TR 3:40-4:30
 MEETS: JAN 14-MARCH 8

INTRO WORLD LANGUAG LING 119 3 CREDITS
 Note: Meets international perspectives reqmt
 6257005 1A MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
 6257010 1B MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

INTR SYMBOLIC LOGIC LING 207 3 CREDITS
 8592005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INTRO LINGUISTICS LING 219 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 8593005 A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

8593010 B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

Note: SEC B RESTRICTED TO ENGL, LING SOPH & ABOVE
 8593015 C TR 2:10-3:30
 MEETS: JAN 14-MAY 10

DESCRP ENGL GRAMMAR LING 220 3 CREDITS
 Prereq: ENGL 250
 8594005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

8594010 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10

8594015 C TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INTRO COMM DISORDER LING 275 3 CREDITS
 8596005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

TOPC LINGUIST STRUC LING 320X 3 CREDITS
 Prereq: ENGL 219 OR LING 219, ENGL 220 OR
 LING 220
 9778005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10

Note: SEC A TOPIC: CONLANGS- THE ART OF
 LANGUAGE CONSTRUCTION.
 RESTRICTED TO ENGL MAJORS ONLY
 9778010 B TR 9:30-10:50
 MEETS: JAN 14-MAY 10

Note: SEC B TOPIC: CONLANGS- THE ART OF
 LANGUAGE CONSTRUCTION.
 RESTRICTED TO LING MAJORS ONLY
 9778015 C MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

LANGUAGE & SOCIETY LING 322 3 CREDITS
 Prereq: ENGL 219 OR LING 219
 3104005 A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

LINGUISTICS (CONTINUED)

TEACH ESL:ORAL COMM LING 325 3 CREDITS
 Prereq: ENGL 219 OR LING 219
 3218005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

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
 8601005 A MWF 10:00-10:50 LUTZ J
 MEETS: JAN 14-MAY 10
 8601100 1 T 9:00-9:50
 MEETS: JAN 14-MAY 10
 8601105 2 T 3:10-4:00
 MEETS: JAN 14-MAY 10
 8601110 3 T 10:00-10:50
 MEETS: JAN 14-MAY 10

INTR SPANSH PHONOLG LING 352 3 CREDITS
 Prereq: SPAN 301, SPAN 303, OR SPAN 304
 Note: Meets international perspectives reqmt
 3492005 1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

PHONETICS&PHONOLOGY LING 371 3 CREDITS
 Prereq: CMDIS 275 OR ENGL 219
 8595005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

PSYCH OF LANGUAGE LING 413 3 CREDITS
 Prereq: PSYCH 101
 8603005 A1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 8603010 A2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 RESTRICTED TO LING MAJORS
 8603015 A3 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A3 FOR MAJORS OTHER THAN PSYCH OR LING

HIST OF ENGLISH LANG LING 420 3 CREDITS
 Prereq: ENGL 219, ENGL 220
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 8605005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

2ND LANG LRNG&TCHNG LING 425 3 CREDITS
 Prereq: ENGL 219, JUNIOR CLASSIFICATION
 9594005 A MW 4:10-5:30
 MEETS: JAN 14-MAY 10

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

LANGU ASSESS PRACTM LING 513 3 CREDITS
 Prereq: ENGL 519
 9060005 A ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

SOCIOLINGUISTICS LING 514 3 CREDITS
 Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
 8619006 A TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

2ND LANUAGE ASSESSM LING 519 3 CREDITS
 Prereq: ENGL 511
 9070005 A MW 3:40-5:00
 MEETS: JAN 14-MAY 10

CPR-ASSIST LANG LRN LING 526 3 CREDITS
 Prereq: ENGL 511 OR EQUIVALENT
 7280005 A MW 11:00-12:20
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 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 14-MAY 10

LINGUISTICS (CONTINUED)

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

SPL TP APP LING&TEC LING 590G VAR. CREDITS
 Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE ACCORDING TO GUIDELINES AVAILABLE IN ENGL DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH MTHD APP LING LING 623 3 CREDITS
 Prereq: ENGL 511, ENGL 517, ENGL 519
 6551005 A MW 12:40-2:00
 MEETS: JAN 14-MAY 10

CPTR-ASIST LANG TST LING 626 3 CREDITS
 Prereq: ENGL 510, ENGL 511, ENGL 519
 9074005 A MW 11:00-12:20
 MEETS: JAN 14-MAY 10

SMNR APPLD LINGUIST LING 630 3 CREDITS
 Prereq: ENGL 510, ENGL 511
 6567005 A MW 9:30-11:00
 MEETS: JAN 14-MAY 10
 Note: SEC A TOPIC: ADVANCED QUANTITATIVE METHODS FOR APPLIED LINGUISTICS
 6567010 B TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC B TOPIC: LEANER LANGUAGE

MANAGEMENT

ENTREPRENRSH&INNOV MGMT 310 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH, JRS, SRS, & SPECIALS. NOT OPEN TO P BUS OR GRADUATE STUDENT WITHOUT PERMISSION FROM 1200 GERDIN
 5318005 A TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 5318010 B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 5318015 C MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 5318020 D T 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 5318025 E TR 12:40-1:55
 MEETS: JAN 14-MAY 10
 5318030 F TR 2:10-3:25
 MEETS: JAN 14-MAY 10

FEASIB ANLY&BUS PLN MGMT 313 3 CREDITS
 Prereq: MGMT 310
 Note: COURSE RESTRICTED TO SOPH, JRS, SRS, & SPECIALS. NOT OPEN TO P BUS OR GRADUATE STUDENT WITHOUT PERMISSION FROM 1200 GERDIN
 6779005 A TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10
 6779010 B TR 11:00-12:15
 MEETS: JAN 14-MAY 10

CORPORATE ENTREPREN MGMT 320X 3 CREDITS
 Prereq: MGMT 310
 Note: SEC A1,B1, ETC RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS
 SEC A2,B2, ETC FOR COLLEGES OTHER THAN BUSINESS MAJORS.
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
 8543005 A1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 8543010 A2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

INT'L ENTREPRENRSH MGMT 367 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE INCLUDES A REQUIRED STUDY ABROAD TRIP TO ITALY DURING SPRING BREAK 2019. FOR MORE INFORMATION & TO REGISTER CONTACT TAYLOR SHIRE -TSHIRE@IASTATE.EDU
 RESTRICTED SOPH OR ABOVE EXCEPT P BUS WHO ARE PARTICIPATING IN STUDY ABROAD. Meets international perspectives reqmt
 Department permission required.
 9427005 A TR 8:00-9:15
 MEETS: JAN 14-MAY 10

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS
 Prereq: ECON 101 OR ECON 102
 Note: A-F & J-N RESTRICTED TO ACCT, AN S, AST, AG B AG SO, BUS S, BUS U, BUSEC, DY S, HORT, ENTSP, FIN, FS A, I TEC, I BUS, MGMT, MIS, MKT, SCM MAJORS ONLY.
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
 5282005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 5282010 B MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 5282015 C TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 5282020 D MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 5282025 E TR 8:00-9:15
 MEETS: JAN 14-MAY 10

MANAGEMENT

(CONTINUED)

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS
 5282030 F TR 9:30-10:45
 MEETS: JAN 14-MAY 10
 5282035 G MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC G RESTRICTED TO ANY MAJOR OTHER THAN
 BUSINESS COLLEGE & AG B, AN S, AST, AGSO, FS A,
 HORT, I R, I TEC MAJORS
 5282040 J MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 5282045 K TR 12:40-1:55
 MEETS: JAN 14-MAY 10
 5282050 L MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 5282055 M TR 3:40-4:55
 MEETS: JAN 14-MAY 10
 5282060 N W 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 5282065 P W 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 Note: SEC P RESTRICTED TO ANY MAJOR OTHER THAN
 BUSINESS COLLEGE & AG B, AN S, AST, AGSO, FS A,
 HORT, I R, I TEC MAJORS

ORGANIZATNAL BEHAVR MGMT 371 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: SEC A1,B1 ETC RESTRICTED ACCT, BUS S, BUS U,
 BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS.
 SEC A2,B2 ETC FOR COLLEGES OTHER THAN BUS COLLEGE
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN
 5283005 A1 TR 3:40-4:55
 MEETS: JAN 14-MAY 10
 5283010 A2 TR 3:40-4:55
 MEETS: JAN 14-MAY 10
 5283015 B1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10
 5283020 B2 TR 9:30-10:45
 MEETS: JAN 14-MAY 10
 5283025 C1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10
 5283030 C2 TR 2:10-3:25
 MEETS: JAN 14-MAY 10
 5283035 D1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 5283040 D2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 5283045 E1 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 5283050 E2 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

RESPONSBL MGT BSNSS MGMT 372 3 CREDITS
 Prereq: PHIL 230
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS
 STUDENTS OTHER THAN P BUS. NOT OPEN TO GRADUATE
 STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
 7048005 A TR 2:10-3:25
 MEETS: JAN 14-MAY 10
 7048010 B TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 7048015 C TR 8:00-9:15
 MEETS: JAN 14-MAY 10
 7048020 D TR 9:30-10:45
 MEETS: JAN 14-MAY 10
 7048025 E MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 7048030 F MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 7048035 G M 6:40-9:25PM
 MEETS: JAN 14-MAY 10

SOCIAL ENTREPRNRSHP MGMT 410 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: SEC A1 RESTRICTED ACCT, BUS S, BUS U,
 BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS.
 SEC A2 FOR COLLEGES OTHER THAN BUS COLLEGE
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN
 7200005 A1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 7200010 A2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

INTERNATIONAL MGMT MGMT 414 3 CREDITS
 Prereq: MGMT 370 OR MGMT 371
 Note: SEC A1,B1 ETC RESTRICTED TO AG B, I TEC, I BUS,
 MGMT MAJORS ONLY. SEC A2, B2 ECT. FOR ACCT,
 BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR
 PERMISSION.
 5285005 A1 W 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 5285010 A2 W 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 5285015 B1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 5285020 B2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 5285025 C1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 5285030 C2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

MANAGEMENT

(CONTINUED)

PERS&HUM RESOUR MGT MGMT 471 3 CREDITS
 Prereq: JUNIOR STANDING
 Note: SEC A1,B1,C1 RESTRICTED TO MGMT MAJORS. SEC
 A2,B2,C2 RESTRICTED MAJORS OTHER MGMT, P BUS.
 COURSE
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN
 5293005 A1 TR 8:00-9:15
 MEETS: JAN 14-MAY 10
 5293010 A2 TR 8:00-9:15
 MEETS: JAN 14-MAY 10
 5293015 B1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10
 5293020 B2 TR 9:30-10:45
 MEETS: JAN 14-MAY 10
 5293025 C1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 5293030 C2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

MANAGE OF DIVERSITY MGMT 472 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION
 Meets U.S. diversity reqmt
 4444005 A1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY.
 4444010 A2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE
 4444015 B1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC B1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC
 ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY.
 4444020 B2 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC B2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE

ADV HUMN RSRC MGT I MGMT 473X 3 CREDITS
 Prereq: MGMT 371
 Note: COURSE RESTRICTED TO ACCT, BUS U, BUSEC.
 ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRADS ONLY
 9103005 A TR 12:40-1:55
 MEETS: JAN 14-MAY 10
 9103010 B T 6:40-9:25PM
 MEETS: JAN 14-MAY 10

STRATEGIC MANAGEMNT MGMT 478 3 CREDITS
 Prereq: ACCT 285; FIN 301; MGMT 370 OR MGMT 371;
 MKT 340; SCM 301; GRADUATING SENIOR
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING
 2018 IN THE COLLEGE OF BUSINESS
 5294005 A TR 8:00-9:15
 MEETS: JAN 14-MAY 10
 5294010 B TR 9:30-10:45
 MEETS: JAN 14-MAY 10
 5294015 C TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 5294020 D TR 12:40-1:55
 MEETS: JAN 14-MAY 10
 5294025 E TR 2:10-3:25
 MEETS: JAN 14-MAY 10
 5294030 F TR 3:40-4:55
 MEETS: JAN 14-MAY 10
 5294035 G MW 5:10-6:25PM
 MEETS: JAN 14-MAY 10
 5294040 J M 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 5294045 K TR 3:40-4:55
 MEETS: JAN 14-MAY 10
 5294050 L T 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 5294055 M MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 5294060 N R 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 5294065 P MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 5294070 Q MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 5294765 R MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 5294770 S W 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 5294075 T TR 2:10-3:25
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY MGMT 490 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION, INSTRUCTOR
 PERMISSION
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PERSONALITY & MGMT MGMT 572 3 CREDITS
 Prereq: GRADUATE STANDING OR PERMISSION OF
 INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 9258005 A W 6:40-10:00PM
 MEETS: JAN 16-APRIL 10

MANAGEMENT

(CONTINUED)

CORP GOVERN&TOP MGT MGMT 582 3 CREDITS
 Prereq: MGMT 503 OR PERMISSION
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8410005 A M 6:40-10:00PM
 MEETS: JAN 14-APRIL 8

STRATEG MGT INNOVAT MGMT 583 3 CREDITS
 Prereq: MGMT 504 OR PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 5816005 A T 6:40-10:00PM
 MEETS: JAN 15-APRIL 9

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 T 9:00-11:50
 MEETS: JAN 14-MAY 10

SEM IN ORGNZ BEHAV MGMT 604 3 CREDITS
 Prereq: ENROLLMENT IN PH D PROGRAM
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7274005 A T 3:10-6:00PM
 MEETS: JAN 14-MAY 10

RESRCH PRACTICUM I MGMT 650 1 CREDIT
 Prereq: ENROLLMENT IN PH D PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT INFORMATION SYSTEMS

FUND CPTR PROGRAMNG MIS 207 3 CREDITS
 Prereq: MATH 150 OR PLACEMENT INTO MATH 140 OR HIGHER
 Night exams scheduled. For dates go to
 http://www.registrar.iastate.edu/students/exams/night-exams.
 6633005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

6633010 2 MWF 10:00-10:50 CAI Y
 R 3:10-4:00
 MEETS: JAN 14-MAY 10

6633015 3 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

MGMT INFO SYSTEMS MIS 301 3 CREDITS
 Prereq: COM S 113 OR BUSAD 150
 Note: SEC A1, B1 ETC FOR COLLEGE OF BUSINESS MAJORS EXCEPT P BUS. SEC A2, B2 FOR MAJORS OTHER THAN THE COLLEGE OF BUSINESS MAJORS
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

4394005 A1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

4394010 A2 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

4394015 B1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

4394020 B2 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

4394025 C1 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

4394030 C2 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

4394035 D1 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

4394040 D2 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

4394045 E1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

4394050 E2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

4394055 F1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

4394060 F2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

4394065 G1 M 6:40-9:25PM
 MEETS: JAN 14-MAY 10

4394070 G2 M 6:40-9:25PM
 MEETS: JAN 14-MAY 10

4394075 J1 TR 8:00-9:15
 MEETS: JAN 14-MAY 10

4394080 J2 TR 8:00-9:15
 MEETS: JAN 14-MAY 10

4394085 K1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

4394090 K2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

4394095 L1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

4394100 L2 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

4394105 M1 TR 12:40-1:55
 MEETS: JAN 14-MAY 10

4394110 M2 TR 12:40-1:55
 MEETS: JAN 14-MAY 10

MANAGEMENT INFORMATION SYSTEMS

(CONTINUED)

INTMD BSNESS PRGRMG MIS 307 3 CREDITS
 Prereq: MIS 207/COM S 207 OR COM S 227;
 CREDIT OR ENROLLMENT IN MIS 301
 Note: SEC A1,B1,C1 RESTRICTED TO MIS MAJORS. SEC A2, B2,C2 RESTRICTED TO UNDERGRAD BUSINESS MAJORS EXCEPT P BUS

9608005 A1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

9608010 A2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

9608015 B1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

9608020 B2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

9608025 C1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

9608030 C2 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

INFO SYST ANALYSIS MIS 310 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301
 Note: SEC A1, B1 RESTRICTED TO MIS MAJORS ONLY.
 A2,B2 FOR COLLEGE OF BUSINESS UNDERGRADS EXCEPT P BUS

5290005 A1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

5290010 A2 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

5290015 B1 MW 5:10-6:25PM
 MEETS: JAN 14-MAY 10

5290020 B2 MW 5:10-6:25PM
 MEETS: JAN 14-MAY 10

5290025 C1 TR 12:40-1:55
 MEETS: JAN 14-MAY 10

5290030 C2 TR 12:40-1:55
 MEETS: JAN 14-MAY 10

BSNSS DATA STRM&ISS MIS 315X 3 CREDITS
 Prereq: COM S 113
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, SCM & MKT UNDERGRADS

8221005 A T 6:40-9:25PM
 MEETS: JAN 14-MAY 10

DATABASE MGT SYSTMS MIS 320 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301
 Note: SEC A1,B1 RESTRICTED TO MIS MAJORS ONLY.
 A2,B2 FOR COLLEGE OF BUSINESS MAJORS EXCEPT P BUS & MIS.
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

5289005 A1 TR 8:00-9:15
 MEETS: JAN 14-MAY 10

5289010 A2 TR 8:00-9:15
 MEETS: JAN 14-MAY 10

5289015 B1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

5289020 B2 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

5289025 C1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

5289030 C2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

PROJECT MANAGEMENT MIS 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301
 Note: RESTRICTED TO BUS COLLEGE UNDERGRADS EXCEPT P BUS. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

4561005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

4561010 B TR 3:40-4:55
 MEETS: JAN 14-MAY 10

4561015 C TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10

4561020 D MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ADV BSNESS PROGRAMNG MIS 407 3 CREDITS
 Prereq: MIS 307

1775005 A1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY

1775010 A2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, SCM & MKT UNDERGRADS

INFO SYS INFRASTRUC MIS 435 3 CREDITS
 Prereq: MIS 301
 Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY.
 SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, ENTSP, FIN, MGMT, MKT, SCM MAJORS ONLY.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION

6396005 A1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

6396010 A2 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

INTRO BSNSS ANALYTCS MIS 436 3 CREDITS
 Prereq: MIS 320
 8713005 A1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY
 8713010 A2 TR 2:10-3:25
 MEETS: JAN 14-MAY 10
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, ENTSP, FIN, MGMT, SCM & MKT UNDERGRADS
 8713015 B1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 Note: SEC B1 RESTRICTED TO MIS UNDERGRADS ONLY
 8713020 B2 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 Note: SEC B2 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, ENTSP, FIN, MGMT, SCM & MKT UNDERGRADS
 ENTERPRISE SYS&ARCH MIS 445 3 CREDITS
 Prereq: MIS 301
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY
 7696005 A TR 12:40-1:55
 MEETS: JAN 14-MAY 10
 ADV BUSINSS ANALYTIC MIS 446 3 CREDITS
 Prereq: MIS 301 AND MIS 320
 9113005 A1 TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO MIS, SCM MAJORS ONLY
 9113010 A2 TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, ENTSP, FIN, MGMT, MKT UNDERGRADS
 INFO SYSTM DEVELPMT MIS 447 3 CREDITS
 Prereq: MIS 301 AND MIS 310
 5291005 A1 M 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY
 5291010 A2 M 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, ENTSP, FIN, MGMT, MKT & SCM UNDERGRADS
 ERP SYS&SUPPLY CHAIN MIS 450 3 CREDITS
 Prereq: SCM 301, MIS 330 OR I E 148, I E 341
 6653005 A1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO MIS, SCM MAJORS ONLY
 6653010 A2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 RESTRICTED TO ACCT, BUSEC, BUS U, FIN,
 ENTSP, MGMT, MKT, UNDERGRAD MAJORS ONLY
 INDEPENDENT STUDY MIS 490 1- 3 CREDITS
 Prereq: MIS 301, SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 CASE PRACTICUM MIS 495 3 CREDITS
 Prereq: MIS 301
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY
 7819005 A T 5:10-6:25PM
 ARRANGED
 MEETS: JAN 14-MAY 10
 MANAGEMENT INFO SYSTM MIS 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 Note: Department permission required 1st week.
 9126005 A TR 7:30-10:50
 MEETS: JAN 15-FEB 21
 FOUND BSNSS ANALYTCS MIS 536 3 CREDITS
 4234005 A R 6:40-10:00PM
 MEETS: JAN 17-APRIL 11
 BUS PROCESS SYSTEMS MIS 538 3 CREDITS
 Prereq: MIS 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 OR WITH PERMISSION FROM THE COLLEGE OF BUSINESS
 2259005 A M 6:40-10:00PM
 MEETS: JAN 14-APRIL 8
 ENTPRISE CYBERSECUR MIS 545X 3 CREDITS
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 9835005 A W 6:40-10:00PM
 MEETS: JAN 16-APRIL 10
 ADV BSNSS ANALYTICS MIS 546 3 CREDITS
 Note: BUSINESS ANALYTICS ONLY.
 4333005 A T 6:40-10:00PM
 MEETS: JAN 15-APRIL 9
 INFO SYS CAPSTN PRJ MIS 557X R CREDIT
 Prereq: CLASSIFICATION IN MS PROGRAM IN
 INFORMATION SYSTEMS
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 Satisfactory-Fail Only.
 9972005 A R 6:40-9:25PM
 MEETS: JAN 14-MAY 10

SPECIAL TOPICS MIS 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** 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 2:10-5:20
 MEETS: JAN 16-APRIL 10
 CREATIVE COMPONENT MIS 599 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 SUPERVISORY COMMITTEE CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS
 COLLAB,KNWLG IN ORG MIS 604 3 CREDITS
 Prereq: MIS 601
 7536005 A R 9:00-11:50
 MEETS: JAN 14-MAY 10
 RESEARCH MIS 699 3- 6 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MARKETING

PRIN OF MARKETING MKT 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN ECON 101
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS
 WITHOUT PERMISSION FROM 1200 GERDIN
 5352005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352010 B TR 3:40-4:55
 MEETS: JAN 14-MAY 10
 Note: SEC B RESTRICTED TO ACCT, AG B, AG SO, AST, AN S
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352015 C TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 Note: SEC C RESTRICTED TO ACCT, AG B, AG SO, AST, AN S
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352020 D MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC D RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352025 E TR 8:00-9:15
 MEETS: JAN 14-MAY 10
 Note: SEC E RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352030 F MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC F RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352035 G TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10
 Note: SEC G RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352040 J MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC J RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352045 K TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC K RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352050 L MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 Note: SEC L RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352055 M MW 5:10-6:25PM
 MEETS: JAN 14-MAY 10
 Note: SEC M RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352060 N T 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 Note: SEC N RESTRICTED TO ANY MAJOR OTHER THAN
 BUSINESS COLLEGE OR AG B, AG SO, AN S, AST, DY S,
 FS A, HORT, I TEC, P S A
 5352065 P T 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 Note: SEC R RESTRICTED TO ANY MAJOR OTHER THAN
 BUSINESS COLLEGE OR AG B, AG SO, AN S, AST, DY S,
 FS A, HORT, I TEC, P S A
 5352070 Q MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC Q RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.

MARKETING (CONTINUED)

PRIN OF MARKETING MKT 340 3 CREDITS
 5352075 R MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC R RESTRICTED TO ANY MAJOR OTHER THAN
 BUSINESS COLLEGE OR AG B, AG SO, AN S, AST, DY S,
 FS A, HORT, I TEC, P S A

FOUND PERSNL SELLNG MKT 342X 3 CREDITS
 Prereq: MKT 340
 Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS MAJORS
 EXCEPT P BUS. GRAD STUDENTS SEE 1200 GERDIN FOR
 PERMISSION.

8574005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 8574010 B MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

PERSONAL SALES MKT 343 3 CREDITS
 Prereq: MKT 340
 Note: SEC A1,B1 ETC RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, ENTSP, FIN, I BUS, MGMT, MIS, MKT, SCM
 MAJORS ONLY. SECTIONS A2,B2 ETC FOR COLLEGES OTHER
 THAN BUSINESS.
 COURSE NOT OPEN TO GRADUATE STUDENTS
 WITHOUT PERMISSION FROM 1200 GERDIN

5354005 A1 MW 9:00-9:50, ARRANGED
 MEETS: JAN 14-MAY 10
 5354010 A2 MW 9:00-9:50, ARRANGED
 MEETS: JAN 14-MAY 10
 5354015 B1 MW 10:00-10:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 5354020 B2 MW 10:00-10:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 5354025 C1 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 14-MAY 10
 5354030 C2 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 14-MAY 10
 5354035 D1 R 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 5354040 D2 R 6:40-9:25PM
 MEETS: JAN 14-MAY 10

SOC MDIA MKT STRATG MKT 361X 3 CREDITS
 Prereq: MKT 340
 Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS MAJORS
 EXCEPT P BUS. GRAD STUDENTS SEE 1200 GERDIN FOR
 PERMISSION.

8472005 A M 6:40-9:25PM
 MEETS: JAN 14-MAY 10

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.

5355005 A1 TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10
 5355010 A2 TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10
 5355015 B1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10
 5355020 B2 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

SALES MANAGEMENT MKT 442 3 CREDITS
 Prereq: MKT 340
 5357005 A1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO MKT MAJORS ONLY.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION

5357010 A2 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 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 SENIORS ONLY

5358005 A TR 3:40-4:55
 MEETS: JAN 14-MAY 10
 5358010 B TR 8:00-9:15
 MEETS: JAN 14-MAY 10
 5358015 C TR 12:40-1:55
 MEETS: JAN 14-MAY 10
 5358020 D W 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 5358025 E MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

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

5359005 A TR 8:00-9:15
 MEETS: JAN 14-MAY 10
 5359010 B MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 5359015 C TR 3:40-4:55
 MEETS: JAN 14-MAY 10
 5359020 D MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

MARKETING (CONTINUED)

CUSTOMER RELATN MGT MKT 445 3 CREDITS
 Prereq: MKT 340
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS
 WITHOUT PERMISSION FROM 1200 GERDIN

9068005 A1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO MKT MAJORS ONLY

9068010 A2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN MKT, P BUS
 GRADUATE STUDENTS MUST HAVE PERMISSION FROM
 1200 GERDIN TO ENROLL.

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.

5362005 A1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 5362010 A2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 5362015 B1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 5362020 B2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 5362025 C1 TR 8:00-9:15
 MEETS: JAN 14-MAY 10
 5362030 C2 TR 8:00-9:15
 MEETS: JAN 14-MAY 10
 5362035 D1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 5362045 D2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

GLOBAL MARKETING MKT 448 3 CREDITS
 Prereq: MKT 340
 Note: GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 COURSE FOR MKT, I BUS MAJORS WHO ARE NOT
 PARTICIPATING IN SPRING BREAK STUDY TOUR.

9609005 A MW 5:10-6:25PM
 MEETS: JAN 14-MAY 10

BRAND MANAGEMENT MKT 453 3 CREDITS
 Prereq: MKT 447
 Note: SEC A1, B1 RESTRICTED TO MKT MAJORS ONLY.
 SEC A2 FOR MAJORS OTHER THAN IN COLLEGE
 OF BUSINESS.
 COURSE NOT OPEN TO GRADUATE STUDENTS
 WITHOUT PERMISSION FROM 1200 GERDIN

5127005 A1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 5127010 A2 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 5127015 B1 TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10
 5127020 B2 TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10

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 MW 7:30-10:50
 MEETS: FEB 25-APRIL 10
 Note: RESTRICTED TO BUSAD GRADS ONLY

NEW PRODUCT DEV&MKT MKT 542 3 CREDITS
 Prereq: MKT 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

8896005 A T 6:40-10:00PM
 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

MATERIALS ENGINEERING

STRUCTRL CHARAC MAT MAT E 214 3 CREDITS
 Prereq: MAT E 215, PHYS 221
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY

6333005 A MW 12:10-1:00
 R 1:10-3:00
 MEETS: JAN 14-MAY 10
 6333010 B MW 12:10-1:00
 T 9:00-11:00
 MEETS: JAN 14-MAY 10
 6333015 C MW 12:10-1:00
 T 1:10-3:00
 MEETS: JAN 14-MAY 10
 6333020 D MW 12:10-1:00
 R 9:00-11:00
 MEETS: JAN 14-MAY 10

MATERIALS ENGINEERING (CONTINUED)

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.
 COURSE RESTRICTED TO MAT E MAJORS ONLY
 7495005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

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
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 7496005 1 T 11:00-12:50
 MEETS: JAN 14-MAY 10
 7496010 2 R 11:00-12:50
 MEETS: JAN 14-MAY 10

INTRO MATRLS SCI II MAT E 216 3 CREDITS
 Prereq: MAT E 215, CREDIT OR ENROLLMENT IN CHEM 178, CREDIT OR ENROLLMENT IN PHYS 222
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 7497005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

INTRO M S E II LAB MAT E 216L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MAT E 216
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 2904005 A M 3:10-5:00
 MEETS: JAN 14-MAY 10
 2904010 B W 3:10-5:00
 MEETS: JAN 14-MAY 10
 2904015 C R 3:10-5:00
 MEETS: JAN 14-MAY 10
 2904020 D T 3:10-5:00
 MEETS: JAN 14-MAY 10
 2904025 E F 11:00-1:00
 MEETS: JAN 14-MAY 10

GLOBAL SUSTAINABLT MAT E 220 3 CREDITS
 Note: T SC 220/ANTHR 220/ENV S 220/GLOBE 220/MAT E 220/ M E 220/SOC 220 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 9059005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

PRIN MATRLS SCI&ENG MAT E 273 3 CREDITS
 Prereq: 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.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 3814005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 3814010 B MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

THERMODYNM IN MAT E MAT E 311 3 CREDITS
 Prereq: CHEM 178, CREDIT OR ENROLLMENT IN MAT E 216, CREDIT OR ENROLLMENT IN PHYS 222, CREDIT OR ENROLLMENT IN MATH 267
 6316005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

KINETC&PHASE EQ MAT MAT E 314 3 CREDITS
 Prereq: MAT E 216, MAT E 311
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 6575005 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10

CERAM PROCES:FIRING MAT E 322 3 CREDITS
 Prereq: MAT E 321
 6592005 A MW 9:00-9:50
 T 8:00-10:50
 MEETS: JAN 14-MAY 10
 6592010 B MW 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 14-MAY 10

SEMICND MTRLS&DEVIC MAT 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
 6597005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ELEC&MAGN PROP MTRL MAT E 334 3 CREDITS
 Prereq: MAT E 317
 6596005 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

MATERIALS ENGINEERING (CONTINUED)

STRUC RELAT NONFERR MAT E 342 3 CREDITS
 Prereq: MAT E 215 OR MAT E 273 OR MAT E 392
 6612005 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

SOLIDIFICATN PROCES MAT E 348 3 CREDITS
 Prereq: I E 248 AND MAT E 273
 Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.
 4314200 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 4314205 2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 4314005 A T 8:00-9:50
 MEETS: JAN 14-MAY 10
 4314010 B R 8:00-9:50
 MEETS: JAN 14-MAY 10
 4314015 C T 10:00-11:50
 MEETS: JAN 14-MAY 10
 4314020 D R 10:00-11:50
 MEETS: JAN 14-MAY 10
 4314025 E T 1:10-3:00
 MEETS: JAN 14-MAY 10
 4314030 F R 1:10-3:00
 MEETS: JAN 14-MAY 10
 4314035 G T 3:10-5:00
 MEETS: JAN 14-MAY 10
 4314040 J M 1:10-3:00
 MEETS: JAN 14-MAY 10
 4314045 K F 1:10-3:00
 MEETS: JAN 14-MAY 10
 4314050 L M 3:10-5:00
 MEETS: JAN 14-MAY 10
 4314055 M W 3:10-5:00
 MEETS: JAN 14-MAY 10
 4314060 N R 3:10-5:00
 MEETS: JAN 14-MAY 10

POLYMERS&PLYMR ENGR MAT E 350 3 CREDITS
 5561005 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

INTR POLYMER MATRLS MAT E 351 3 CREDITS
 Prereq: MAT E 216, CHEM 331, CREDIT OR ENROLLMENT IN MAT E 311
 6615005 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

PRIN NONDESTRC TEST MAT E 362 3 CREDITS
 Prereq: PHYS 112 OR PHYS 222
 5045005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 EISENMANN D

NONDESTRUC TEST LAB MAT E 362L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MAT E 362
 5046005 A T 9:00-11:50
 MEETS: JAN 14-MAY 10
 EISENMANN D
 5046010 B R 9:00-11:50
 MEETS: JAN 14-MAY 10
 EISENMANN D

INTRO WOMN IN INDUS 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 TR 5:10-6:00PM
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

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

PRO PRACTICE I MAT E 413 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN MAT E
 Note: COURSE RESTRICTED TO MAT E SENIORS ONLY
 6628005 MWF 2:10-3:00
 ARRANGED
 MEETS: JAN 14-MAY 10

PRO PRACTICE II MAT E 414 3 CREDITS
 Prereq: MAT E 413
 Note: COURSE RESTRICTED TO MAT E SENIORS ONLY
 6650005 MWF 2:10-3:00
 ARRANGED
 MEETS: JAN 14-MAY 10

MECHANCL BEHAVR MAT MAT E 418 3 CREDITS
 Prereq: MAT E 216
 6585005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

MATERIALS ENGINEERING (CONTINUED)

MATERIALS SCIENCE & ENGINEERING (CONTINUED)

MICROLEEC FABRICATN MAT E 432 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN E E 332
 6677005 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 14-MAY 10

ADV ELECTRN MATERLS MAT E 433 3 CREDITS
 Prereq: MAT E 317
 6676005 A MW 10:00-10:50
 F 10:00-10:50
 ARRANGED
 MEETS: JAN 14-MAY 10

ELECTRN PROP MATRLS MAT E 437X 3 CREDITS
 Prereq: E E 332 OR MAT E 317 OR PHYS 322
 6480005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

CORROS&FAILUR ANLY MAT E 444 3 CREDITS
 Prereq: MAT E 215 OR MAT E 273 OR MAT E 392;
 CREDIT OR ENROLLMENT IN MAT E 418 OR E M 324
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 6680005 A TR 11:00-11:50
 T 3:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10

6680010 B TR 11:00-11:50
 T 4:10-5:00, ARRANGED
 MEETS: JAN 14-MAY 10

6680015 C TR 11:00-11:50
 T 1:10-2:00, ARRANGED
 MEETS: JAN 14-MAY 10

STRUC HEALTH MONITR MAT E 449 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN ENGINEERING
 OR PERMISSION OF INSTRUCTOR
 1703005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

POLYMR CMPOSIT&PROC MAT E 454 3 CREDITS
 Prereq: MAT E 351
 6683005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

MULTIDISC ENGR DSGN MAT E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS
 OF GRADUATION, PERMISSION OF INSTRUCTOR
 1740005 A MWF 3:10-5:00
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY MAT E 490C VAR. CREDITS
 Prereq: PERMISSION OF DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY MAT E 490H VAR. CREDITS
 Prereq: PERMISSION OF DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY:RESEARCH MAT E 490R VAR. CREDITS
 Prereq: PERMISSION OF DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS M S E 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS SEMINAR M S E 601 1 CREDIT
 Prereq: GRADUATE STANDING IN THE M S E DEPARTMENT
 Satisfactory-Fail Only.
 6399005 R 3:10-4:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

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 TUITION AND
 FEES WEBSITE FOR MORE INFORMATION ON FEE.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.

5115005 A MTRF 11:00-11:50
 MEETS: JAN 14-MAY 10

5115010 B MTRF 11:00-11:50
 MEETS: JAN 14-MAY 10

5115015 C MTRF 1:10-2:00
 MEETS: JAN 14-MAY 10

5115020 D MTRF 1:10-2:00
 MEETS: JAN 14-MAY 10

INTRO TO PROBABILTY MATH 104 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
 HIGH SCHOOL 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 10:00-10:50
 MEETS: JAN 14-MAY 10

INTRO TO MATH IDEAS MATH 105 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
 HIGH SCHOOL GEOMETRY
 Note: CREDITS EARNED IN MATH 105 CANNOT BE APPLIED
 TOWARD GRADUATION BY MATH MAJORS

5129005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

COLLEGE ALGEBRA MATH 140 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
 HIGH SCHOOL GEOMETRY OR MATH 30
 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 THE GEN ED REQUIREMNTS FOR GRADUATION

5132005 1 TR 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 14-MAY 10

5132010 2 TR 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 14-MAY 10

5132015 3 TR 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 14-MAY 10

5132020 4 TR 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 14-MAY 10

5132025 5 TR 8:00-8:50
 W 10:00-10:50
 MEETS: JAN 14-MAY 10

5132030 6 TR 8:00-8:50
 W 10:00-10:50
 MEETS: JAN 14-MAY 10

5132035 7 TR 8:00-8:50
 W 12:10-1:00
 MEETS: JAN 14-MAY 10

5132040 8 WF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 14-MAY 10

5132045 9 WF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 14-MAY 10

5132050 10 WF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 14-MAY 10

5132055 11 WF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 14-MAY 10

5132060 12 WF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 14-MAY 10

MATERIALS SCIENCE & ENGINEERING

BHV&MFG POLYM&CMPOS M S E 521 3 CREDITS
 Prereq: M E 324 OR MAT E 272 AND E M 324
 5075005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

SOLID STATE SCIENCE M S E 530 3 CREDITS
 Prereq: MAT E 334 OR E E 332 OR PHYS 322
 5616005 MW 12:40-2:00
 MEETS: JAN 14-MAY 10

ELECTRN PROP MATRLS M S E 537X 3 CREDITS
 Prereq: E E 332 OR MAT E 317 OR PHYS 322
 6867005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

MECH BEHAV MATERLS M S E 540 3 CREDITS
 Prereq: MAT E 418, MATH 266 OR MATH 267
 5664005 MW 4:10-5:30
 MEETS: JAN 14-MAY 10

FUND NONDESTRU EVAL M S E 550 4 CREDITS
 Prereq: E M 324, MATH 385
 8550005 1 MWF 10:00-10:50 HOLLAND S
 T 9:00-10:50
 MEETS: JAN 14-MAY 10

POLYMR CMPOSIT&PROC M S E 554 3 CREDITS
 Prereq: MAT E 351
 3507005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

MATHEMATICS

(CONTINUED)

COLLEGE ALGEBRA MATH 140 3 CREDITS
 5132065 13 WF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 14-MAY 10

PREP FOR CALCULUS MATH 143 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA; 1 YEAR OF
 HIGH SCHOOL GEOMETRY OR MINIMUM OF C- IN MATH 140
 Note: CREDIT FOR EITHER MATH 143 OR MATH 145, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY NOT APPLY MATH 143
 TOWARD GENERAL EDUCATION REQUIREMENTS.

7342005 A MW 2:10-3:00
 TR 12:10-1:00
 MEETS: JAN 14-MAY 10

7342010 B MW 2:10-3:00
 TR 12:10-1:00
 MEETS: JAN 14-MAY 10

7342015 C MW 2:10-3:00
 TR 1:10-2:00
 MEETS: JAN 14-MAY 10

7342020 D MW 2:10-3:00
 TR 1:10-2:00
 MEETS: JAN 14-MAY 10

7342025 E MW 2:10-3:00
 TR 2:10-3:00
 MEETS: JAN 14-MAY 10

7342030 F MW 2:10-3:00
 TR 11:00-11:50
 MEETS: JAN 14-MAY 10

APPLD TRIGONOMETRY MATH 145 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA; 1 YEAR OF
 HIGH SCHOOL GEOMETRY OR MINIMUM OF C- IN MATH 140
 Note: CREDIT IN EITHER MATH 143 OR MATH 145, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. STUDENTS IN
 THE LAS COLLEGE MAY NOT APPLY MATH 145 TOWARD THE
 GENERAL EDUCATION REQUIREMENTS. COURSE NOT OPEN TO
 ENGINEERING COLLEGE MAJORS.

9173005 A MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 14-MAY 10

9173010 B MF 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 14-MAY 10

9173015 C MF 8:00-8:50
 W 11:00-11:50
 MEETS: JAN 14-MAY 10

9173020 D MF 8:00-8:50
 W 1:10-2:00
 MEETS: JAN 14-MAY 10

DISC MATH BUS&SOC S MATH 150 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
 HIGH SCHOOL 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, T 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135010 B ARRANGED
 T 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135015 C ARRANGED, T 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135020 D ARRANGED, T 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135025 E ARRANGED, T 3:10-4:00
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135030 F ARRANGED, T 4:10-5:00
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135035 G ARRANGED, W 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135040 H ARRANGED
 W 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

MATHEMATICS

(CONTINUED)

DISC MATH BUS&SOC S MATH 150 3 CREDITS
 5135045 J ARRANGED
 W 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135105 K ARRANGED, W 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135110 L ARRANGED, W 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135115 M ARRANGED, W 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135120 N ARRANGED, W 3:10-4:00
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135125 P ARRANGED
 R 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135130 Q ARRANGED
 R 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135135 R ARRANGED, F 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135140 T ARRANGED
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

5135145 U ARRANGED, R 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

BUS & SOC SCI CALC MATH 151 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
 HIGH SCHOOL GEOMETRY; OR MATH 140
 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 14-MAY 10

5136010 B MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 14-MAY 10

5136015 C MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 14-MAY 10

5136020 D MF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 14-MAY 10

5136025 E MF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 14-MAY 10

5136030 F MF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 14-MAY 10

5136040 G MF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 14-MAY 10

5136090 H MF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 14-MAY 10

5136045 J MF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 14-MAY 10

5136050 K MF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 14-MAY 10

5136055 L MF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 14-MAY 10

5136060 M MF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 14-MAY 10

5136065 N MF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 14-MAY 10

5136070 P MF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 14-MAY 10

5136075 Q MF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 14-MAY 10

MATHEMATICS

(CONTINUED)

BUS & SOC SCI CALC MATH 151 3 CREDITS

5136080 R MF 8:00-8:50
T 12:10-1:00
MEETS: JAN 14-MAY 10

SURVEY OF CALCULUS MATH 160 4 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY; OR C- OR BETTER IN MATH 140; OR C- OR BETTER IN MATH 143

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 1 MTWF 2:10-3:00
MEETS: JAN 14-MAY 10
5137010 2 MTWF 3:10-4:00
MEETS: JAN 14-MAY 10

CALCULUS I MATH 165 4 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY; OR C- OR BETTER IN MATH 143

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 1 MWF 8:00-8:50
T 12:10-1:00
MEETS: JAN 14-MAY 10
5138010 2 MWF 8:00-8:50
T 12:10-1:00
MEETS: JAN 14-MAY 10
5138015 3 MWF 8:00-8:50
T 2:10-3:00
MEETS: JAN 14-MAY 10
5138020 4 MWF 8:00-8:50
T 2:10-3:00
MEETS: JAN 14-MAY 10
5138025 5 MWF 8:00-8:50
T 3:10-4:00
MEETS: JAN 14-MAY 10
5138030 6 MWF 8:00-8:50
T 3:10-4:00
MEETS: JAN 14-MAY 10
5138035 7 MWF 2:10-3:00
R 12:10-1:00
MEETS: JAN 14-MAY 10
5138040 8 MWF 2:10-3:00
R 12:10-1:00
MEETS: JAN 14-MAY 10
5138045 9 MWF 2:10-3:00
R 2:10-3:00
MEETS: JAN 14-MAY 10
5138050 10 MWF 2:10-3:00
R 2:10-3:00
MEETS: JAN 14-MAY 10
5138055 11 MWF 2:10-3:00
R 3:10-4:00
MEETS: JAN 14-MAY 10
5138060 12 MWF 2:10-3:00
R 3:10-4:00
MEETS: JAN 14-MAY 10
5138065 13 MWF 12:10-1:00
R 1:10-2:00
MEETS: JAN 14-MAY 10
5138070 14 MWF 12:10-1:00
R 1:10-2:00
MEETS: JAN 14-MAY 10
5138075 15 MWF 12:10-1:00
R 12:10-1:00
MEETS: JAN 14-MAY 10
5138080 16 MWF 12:10-1:00
R 2:10-3:00
MEETS: JAN 14-MAY 10
5138085 17 MWF 12:10-1:00
R 3:10-4:00
MEETS: JAN 14-MAY 10
5138090 18 MWF 12:10-1:00
R 2:10-3:00
MEETS: JAN 14-MAY 10
5138095 19 MWF 1:10-2:00
R 12:10-1:00
MEETS: JAN 14-MAY 10
5138100 20 MWF 1:10-2:00
R 12:10-1:00
MEETS: JAN 14-MAY 10
5138105 21 MWF 1:10-2:00
R 2:10-3:00
MEETS: JAN 14-MAY 10
5138110 22 MWF 1:10-2:00
R 2:10-3:00
MEETS: JAN 14-MAY 10
5138115 23 MWF 1:10-2:00
R 3:10-4:00
MEETS: JAN 14-MAY 10
5138120 24 MWF 1:10-2:00
R 3:10-4:00
MEETS: JAN 14-MAY 10
5138125 25 MTRF 11:00-11:50
MEETS: JAN 14-MAY 10

MATHEMATICS

(CONTINUED)

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>.

5139005 1 MWF 9:00-9:50
T 8:00-8:50
MEETS: JAN 14-MAY 10
5139010 2 MWF 9:00-9:50
T 8:00-8:50
MEETS: JAN 14-MAY 10
5139015 3 MWF 9:00-9:50
T 8:00-8:50
MEETS: JAN 14-MAY 10
5139020 4 MWF 9:00-9:50
T 1:10-2:00
MEETS: JAN 14-MAY 10
5139025 5 MWF 9:00-9:50
T 9:00-9:50
MEETS: JAN 14-MAY 10
5139030 6 MWF 9:00-9:50
T 9:00-9:50
MEETS: JAN 14-MAY 10
5139035 7 MWF 9:00-9:50
T 9:00-9:50
MEETS: JAN 14-MAY 10
5139040 8 MWF 9:00-9:50
T 1:10-2:00
MEETS: JAN 14-MAY 10
5139045 9 MWF 9:00-9:50
T 10:00-10:50
MEETS: JAN 14-MAY 10
5139050 10 MWF 9:00-9:50
T 10:00-10:50
MEETS: JAN 14-MAY 10
5139055 11 MWF 9:00-9:50
T 10:00-10:50
MEETS: JAN 14-MAY 10
5139060 12 MWF 9:00-9:50
T 1:10-2:00
MEETS: JAN 14-MAY 10
5139065 13 MWF 9:00-9:50
T 1:10-2:00
MEETS: JAN 14-MAY 10
Note: SEC 13 RESTRICTED TO MATH & STAT MAJORS ONLY
5139070 14 MWF 11:00-11:50
R 11:00-11:50
MEETS: JAN 14-MAY 10
5139075 15 MWF 11:00-11:50
R 11:00-11:50
MEETS: JAN 14-MAY 10
5139080 16 MWF 11:00-11:50
R 12:10-1:00
MEETS: JAN 14-MAY 10
5139085 17 MWF 11:00-11:50
R 12:10-1:00
MEETS: JAN 14-MAY 10
5139090 18 MWF 11:00-11:50
R 2:10-3:00
MEETS: JAN 14-MAY 10
5139095 19 MWF 11:00-11:50
R 2:10-3:00
MEETS: JAN 14-MAY 10
5139100 20 MTWF 12:10-1:00
MEETS: JAN 14-MAY 10
5139105 21 MWF 12:10-1:00
R 2:10-3:00
MEETS: JAN 14-MAY 10
5139110 22 MWF 12:10-1:00
R 11:00-11:50
MEETS: JAN 14-MAY 10
5139115 23 MWF 12:10-1:00
R 1:10-2:00
MEETS: JAN 14-MAY 10
5139120 24 MWF 12:10-1:00
R 3:10-4:00
MEETS: JAN 14-MAY 10
5139125 25 MWF 12:10-1:00
R 1:10-2:00
MEETS: JAN 14-MAY 10
5139130 26 MWF 12:10-1:00
R 3:10-4:00
MEETS: JAN 14-MAY 10
5139135 27 MWF 4:10-5:00
R 12:10-1:00
MEETS: JAN 14-MAY 10
5139140 28 MWF 4:10-5:00
R 12:10-1:00
MEETS: JAN 14-MAY 10
5139145 29 MWF 4:10-5:00
R 1:10-2:00
MEETS: JAN 14-MAY 10
5139150 30 MWF 4:10-5:00
R 1:10-2:00
MEETS: JAN 14-MAY 10
5139155 31 MWF 4:10-5:00
R 3:10-4:00
MEETS: JAN 14-MAY 10
5139160 32 MWF 4:10-5:00
R 3:10-4:00
MEETS: JAN 14-MAY 10

MATHEMATICS

(CONTINUED)

MATHEMATICS

(CONTINUED)

CALCULUS II MATH 166 4 CREDITS
 5139165 33 MWF 2:10-3:00
 R 9:00-9:50
 MEETS: JAN 14-MAY 10
 5139170 34 MWF 2:10-3:00
 R 9:00-9:50
 MEETS: JAN 14-MAY 10
 5139175 35 MWF 2:10-3:00
 R 10:00-10:50
 MEETS: JAN 14-MAY 10
 5139180 36 MWF 2:10-3:00
 R 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 36 RESTRICTED TO FRESHMAN ONLY.
 5139185 37 MWF 2:10-3:00
 R 1:10-2:00
 MEETS: JAN 14-MAY 10
 5139190 38 MWF 2:10-3:00
 R 1:10-2:00
 MEETS: JAN 14-MAY 10
 5139195 39 MWF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 14-MAY 10
 5139200 40 MWF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 14-MAY 10
 5139205 41 MWF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 14-MAY 10
 5139210 42 MWF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 14-MAY 10
 5139215 43 MWF 8:00-8:50
 T 11:00-11:50
 MEETS: JAN 14-MAY 10
 5139220 44 MWF 8:00-8:50
 T 11:00-11:50
 MEETS: JAN 14-MAY 10

MATH FOR ELEM ED I MATH 195 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT 2 YEARS HIGH SCHOOL ALGEBRA, 1 YEAR OF
 HIGH SCHOOL GEOMETRY; ENROLLMENT IN ELEMENTARY ED
 OR EARLY CHILDHOOD EDUCATION
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS.
 STUDENTS IN THE LAS COLLEGE MAY NOT APPLY CREDIT
 IN MATH 195 TOWARD GENERAL ED REQUIREMENTS FOR
 GRADUATION,
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.
 5144005 A MWF 8:00-9:20
 MEETS: JAN 14-MAY 10
 5144010 B MWF 9:30-10:50
 MEETS: JAN 14-MAY 10
 5144015 C MWF 11:00-12:20
 MEETS: JAN 14-MAY 10
 5144020 D MWF 12:40-2:00
 MEETS: JAN 14-MAY 10
 5144025 E MWF 2:10-3:30
 MEETS: JAN 14-MAY 10

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>.
 8125005 A MWF 8:00-9:20
 MEETS: JAN 14-MAY 10
 8125010 B MWF 9:30-10:50
 MEETS: JAN 14-MAY 10
 8125020 C MWF 11:00-12:20
 MEETS: JAN 14-MAY 10
 8125015 D MWF 12:40-2:00
 MEETS: JAN 14-MAY 10
 8125025 E MWF 11:00-12:20
 MEETS: JAN 14-MAY 10
 8125030 F MWF 9:30-10:50
 MEETS: JAN 14-MAY 10

INTRO TO PROOFS MATH 201 3 CREDITS
 Prereq: MATH 166 OR MATH 166H
 6998005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 6998010 B MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 6998015 C MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

MATRCES&LINEAR ALGB MATH 207 3 CREDITS
 Prereq: 2 SEMESTERS OF CALCULUS
 Note: CREDIT FOR MATH 207 OR MATH 317, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION
 5161005 A TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 5161010 B TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 5161015 C MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 5161020 D MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

MATRCES&LINEAR ALGB MATH 207 3 CREDITS
 5161025 E MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 INVESTM&CREDIT MATH MATH 240 3 CREDITS
 Prereq: MATH 166
 8997005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

CALCULUS III MATH 265 4 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH
 166H
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

5151005 1 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 14-MAY 10
 5151010 2 MWF 8:00-8:50
 R 9:00-9:50
 MEETS: JAN 14-MAY 10
 5151015 3 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 14-MAY 10
 5151020 4 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 14-MAY 10
 5151025 5 MWF 8:00-8:50
 R 9:00-9:50
 MEETS: JAN 14-MAY 10
 5151030 6 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 14-MAY 10
 5151035 7 MWF 10:00-10:50
 T 8:00-8:50
 MEETS: JAN 14-MAY 10
 5151040 8 MWF 10:00-10:50
 T 8:00-8:50
 MEETS: JAN 14-MAY 10
 5151045 9 MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 14-MAY 10
 5151050 10 MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 14-MAY 10
 5151055 11 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 14-MAY 10
 5151060 12 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 14-MAY 10
 5151065 13 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 13 RESTRICTED TO MATH & STAT MAJORS
 ONLY
 5151070 14 MWF 12:10-1:00
 T 12:10-1:00
 MEETS: JAN 14-MAY 10
 5151075 15 MWF 12:10-1:00
 T 12:10-1:00
 MEETS: JAN 14-MAY 10
 5151080 16 MWF 12:10-1:00
 T 2:10-3:00
 MEETS: JAN 14-MAY 10
 5151085 17 MWF 12:10-1:00
 T 2:10-3:00
 MEETS: JAN 14-MAY 10
 5151090 18 MWF 12:10-1:00
 T 3:10-4:00
 MEETS: JAN 14-MAY 10
 5151095 19 MWF 12:10-1:00
 T 3:10-4:00
 MEETS: JAN 14-MAY 10
 5151100 20 MWF 3:10-4:00
 T 1:10-2:00
 MEETS: JAN 14-MAY 10
 5151105 21 MWF 3:10-4:00
 T 1:10-2:00
 MEETS: JAN 14-MAY 10
 5151110 22 MWF 3:10-4:00
 T 3:10-4:00
 MEETS: JAN 14-MAY 10
 5151115 23 MWF 3:10-4:00
 T 3:10-4:00
 MEETS: JAN 14-MAY 10
 5151120 24 MWF 3:10-4:00
 T 4:10-5:00
 MEETS: JAN 14-MAY 10
 5151125 25 MWF 3:10-4:00
 T 4:10-5:00
 MEETS: JAN 14-MAY 10

HONORS CALCULUS III MATH 265H 4 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR; AND MATH
 166 OR MATH 166H
 Note: HIGH MATH PLACEMENT SCORES RECOMMENDED BUT NOT
 REQUIRED. PREFERENCE WILL BE GIVEN TO STUDENTS IN THE
 UNIVERSITY HONORS PROGRAM.
 2073005 MTRF 12:10-1:00
 MEETS: JAN 14-MAY 10

MATHEMATICS

(CONTINUED)

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, MATH 269.

5152005 A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

5152010 B MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

5152015 C MTRF 10:00-10:50
 MEETS: JAN 14-MARCH 15

Note: SEC C RESTRICTED TO MATH MAJORS ONLY

5152020 D MWF 4:10-5:00
 MEETS: JAN 14-MAY 10

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, MATH 269.

5153005 1 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 14-MAY 10

5153010 2 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 14-MAY 10

5153015 3 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 14-MAY 10

5153020 4 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 14-MAY 10

5153025 5 MWF 8:00-8:50
 R 12:10-1:00
 MEETS: JAN 14-MAY 10

5153030 6 MWF 8:00-8:50
 R 12:10-1:00
 MEETS: JAN 14-MAY 10

5153035 7 MWF 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 14-MAY 10

5153040 8 MWF 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 14-MAY 10

5153045 9 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 14-MAY 10

5153050 10 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 14-MAY 10

5153055 11 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 14-MAY 10

5153060 12 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 14-MAY 10

5153065 13 MTRF 10:00-10:50
 MEETS: JAN 14-MAY 10

Note: SEC 13 RESTRICTED TO MATH & STAT MAJORS ONLY

5153070 14 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 14-MAY 10

5153075 15 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 14-MAY 10

5153080 16 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 14-MAY 10

5153085 17 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 14-MAY 10

5153090 18 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 14-MAY 10

5153095 19 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 14-MAY 10

5153100 20 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 14-MAY 10

5153105 21 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 14-MAY 10

5153110 22 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 14-MAY 10

5153115 23 MWF 4:10-5:00
 T 11:00-11:50
 MEETS: JAN 14-MAY 10

5153120 24 MWF 4:10-5:00
 T 11:00-11:50
 MEETS: JAN 14-MAY 10

5153125 25 MWF 4:10-5:00
 T 2:10-3:00
 MEETS: JAN 14-MAY 10

5153130 26 MWF 4:10-5:00
 T 12:10-1:00
 MEETS: JAN 14-MAY 10

MATHEMATICS

(CONTINUED)

DIFF EQ & TRANSFMS MATH 267 4 CREDITS
 5153135 27 MWF 4:10-5:00
 T 2:10-3:00
 MEETS: JAN 14-MAY 10

5153140 28 MWF 4:10-5:00
 T 2:10-3:00
 MEETS: JAN 14-MAY 10

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
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SYSTEMS OF DIFF EQUA MATH 269 1 CREDIT
 Prereq: FAMILIARITY WITH ORDINARY DIFFERENTIAL EQUATIONS OF FIRST AND SECOND ORDER, PERMISSION OF DEPARTMENT
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 266, MATH 267, MATH 269X, MATH 269.
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY MATH 290 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.

5156005 A ARRANGED
 MEETS: JAN 14-MAY 10

5156010 B ARRANGED
 MEETS: JAN 14-MAY 10

INDEP STUDY HONORS MATH 290H 1- 3 CREDITS
 Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM, PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 Department permission required.

5157005 ARRANGED
 MEETS: JAN 14-MAY 10

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

5158005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

5158010 B MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

ABSTRCT ALGEBRA II MATH 302 3 CREDITS
 Prereq: MATH 301

5159005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

GRAPH THEORY MATH 314 3 CREDITS
 Prereq: MATH 166 OR MATH 166H; MATH 201 OR EXPERIENCE WITH PROOFS

5163005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

THRY LINEAR ALGEBRA MATH 317 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 201
 Note: CREDIT FOR EITHER MATH 207 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

7872005 A MTRF 9:00-9:50
 MEETS: JAN 14-MAY 10

7872010 B MTRF 2:10-3:00
 MEETS: JAN 14-MAY 10

7872015 C MTRF 1:10-2:00
 MEETS: JAN 14-MAY 10

INTR THY PROB&S I MATH 341 4 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 9:00-9:50
 T 2:10-4:00
 MEETS: JAN 14-MAY 10

INTR THY PR&STAT II MATH 342 4 CREDITS
 Prereq: STAT 201 OR EQUIVALENT; STAT 341; MATH 207 OR MATH 317

5167005 MWF 10:00-10:50
 T 12:10-2:00
 MEETS: JAN 14-MAY 10

NUMBER THEORY MATH 350 3 CREDITS
 Prereq: MATH 201 OR COM S 230

5177005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

COMPLEX VARIABLES MATH 365 3 CREDITS
 Prereq: MATH 265

5168005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

MATHEMATICS (CONTINUED)

MATHEMATICS (CONTINUED)

INTR PART DIFF EQUA MATH 385 3 CREDITS
 Prereq: MATH 265 AND ONE OF MATH 266, MATH 267
 5170005 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

UNIV MATH TCH SECYD MATH 397 3 CREDITS
 Prereq: MATH 201, MATH 301
 7521005 A ARRANGED
 MEETS: JAN 14-MAY 10
 7521010 B MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUC MATH 398 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4551005 ARRANGED
 MEETS: JAN 14-MAY 10

ANALYSIS I MATH 414 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 201
 5171005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ANALYSIS II MATH 415 3 CREDITS
 Prereq: MATH 414; MATH 265; MATH 317 OR MATH 407
 5172005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

GEOMETRY II MATH 436 3 CREDITS
 Prereq: MATH 201; MATH 207 OR MATH 317
 5176005 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

NUMRC MTHDS DIFF EQ MATH 481 3 CREDITS
 Prereq: MATH 265 AND EITHER MATH 266 OR MATH 267
 5180005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY MATH 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF MATH 490 OR MATH 490H
 MAY BE APPLIED TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD THESIS MATH 491 2- 3 CREDITS
 Note: Department permission required.
 5184005 ARRANGED
 MEETS: JAN 14-MAY 10

UNDERGRAD SEMINAR MATH 492 2 CREDITS
 Prereq: MATH 317 OR MATH 407
 6698005 1 M 3:10-5:00
 MEETS: JAN 14-MAY 10
 6698010 2 ARRANGED
 MEETS: JAN 14-MAY 10

SPECIAL TOPICS MATH 495 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7683005 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

TOPOLOGY MATH 502 3 CREDITS
 Prereq: MATH 414 OR MATH 501
 4958005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

ABSTRACT ALGEBRA II MATH 505 3 CREDITS
 Prereq: MATH 504
 5187005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

LINEAR ALGEBRA MATH 510 3 CREDITS
 Prereq: MATH 317, OR MATH 407, OR MATH 207
 MATH 301, OR MATH 207 AND MATH 414
 5191005 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

FNCT SNGL CMLX VAR MATH 511 3 CREDITS
 Prereq: MATH 414 OR MATH 501
 5192005 A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

REAL ANALYSIS II MATH 516 3 CREDITS
 Prereq: MATH 515
 8868005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

FINITE DIFFRNC MTHD MATH 517 3 CREDITS
 Prereq: MATH 481 OR MATH 561
 6101005 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

MTH APPLIED MATH II MATH 520 3 CREDITS
 Prereq: MATH 519
 2297005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

NUM ANALY HI-P COMP MATH 525 3 CREDITS
 Prereq: CPR E 308 OR MATH 481; EXPERIENCE IN
 SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C
 1367005 1 TR 11:00-1:00
 MEETS: JAN 14-MAY 10

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 12:10-1:00
 MEETS: JAN 14-MAY 10

STEGANOLOG&DGT FORNSC MATH 535 3 CREDITS
 Prereq: E E 524 OR MATH 317 OR MATH 407 OR
 COM S 330
 7681005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

NUMERICAL ANALYS II MATH 562 3 CREDITS
 Prereq: MATH 317
 7503005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

CONTINUOUS OPTIMIZA MATH 565 3 CREDITS
 Prereq: MATH 265; MATH 317 OR MATH 507 OR
 MATH 510
 4388005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

ENUM COM&ORDRD SETS MATH 568 3 CREDITS
 Prereq: MATH 302 OR MATH 504
 3545005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

NONLINEAR SYSTEMS MATH 578 3 CREDITS
 Prereq: E E 577
 8195005 1 MW 4:10-5:30
 MEETS: JAN 14-MAY 10

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 14-MAY 10

CREATIVE COMPONENT MATH 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR MATH 610 VAR. CREDITS
 Note: OFFERED FOR 3 CREDITS SPRING 2019
 5231005 A M 2:10-5:00
 MEETS: JAN 14-MAY 10

REPRESENTATN THEORY MATH 618 3 CREDITS
 Prereq: MATH 504
 5220005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

MANIFOLDS,DIFF GEOM MATH 624 3 CREDITS
 Prereq: MATH 501 OR MATH 515
 5218005 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

ADV PROBABILTY THRY MATH 642 3 CREDITS
 Prereq: STAT 542; MATH 641 OR MATH 515
 3530005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

ADV STOCHAST PROCES MATH 645 3 CREDITS
 5215005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

MATH MODEL PHYSC SY MATH 646 3 CREDITS
 1822005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

PARTIAL DIFF EQ II MATH 656 3 CREDITS
 Prereq: MATH 655
 5228005 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

ADV TOPCS DIFF EQUA MATH 680E 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 5243005 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

RESEARCH MATH 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

PROBLM SOLV WTH CPR M E 160 3 CREDITS
 Prereq: M E MAJORS ONLY. MATH 142 OR MATH 143 OR MATH 145; CREDIT OR ENROLLMENT IN MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: A B E 160, C E 160, AER E 160, ENGR 160, M E 160, CPR E 185, E E 185, S E 185, I E 148
 RESTRICTED TO M E MAJORS ONLY
 9082005 1 MW 10:00-11:50
 MEETS: JAN 14-MAY 10
 9082010 2 MW 12:10-2:00
 MEETS: JAN 14-MAY 10
 9082015 3 MW 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 9082020 4 TR 8:00-9:50
 MEETS: JAN 14-MAY 10
 9082025 5 TR 8:00-9:50
 MEETS: JAN 14-MAY 10
 9082030 6 TR 12:10-2:00
 MEETS: JAN 14-MAY 10

ENG GRPHC&INTR DSGN M E 170 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 142 OR MATH 143 OR MATH 145; SATISFACTORY SCORES ON MATHEMATICS PLACEMENT ASSESSMENTS
 Note: EVENING GROUP/PROJECT PRESENTATION-MEETING TBA
 COURSE RESTRICTED TO M E MAJORS ONLY
 8346005 1 MW 8:00-9:50, ARRANGED
 MEETS: JAN 14-MAY 10
 8346010 2 MW 10:00-11:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 8346015 3 MW 12:10-2:00
 ARRANGED
 MEETS: JAN 14-MAY 10
 8346020 4 MW 2:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10
 8346025 5 MW 4:10-6:00PM
 ARRANGED
 MEETS: JAN 14-MAY 10

Section info: <http://http://www.me.iastate.edu/students/me-170-laptop-requirements/>
 Cmptr reqmt: <http://http://www.me.iastate.edu/students/me-170-laptop-requirements/>

8346030 6 TR 8:00-9:50, ARRANGED
 MEETS: JAN 14-MAY 10
 8346035 7 TR 10:00-11:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 8346040 8 TR 2:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10
 8346045 9 TR 4:10-6:00PM
 ARRANGED
 MEETS: JAN 14-MAY 10
 8346050 10 TR 12:10-2:00
 ARRANGED
 MEETS: JAN 14-MAY 10

MECH ENGR PRO PLAN M E 202 R CREDIT
 Prereq: CREDIT OR ENROLLMENT IN M E 231
 Satisfactory-Fail Only.
 4870005 A R 2:10-3:00
 MEETS: JAN 14-MAY 10
 4870010 B R 3:10-4:00
 MEETS: JAN 14-MAY 10

GLOBAL SUSTAINABLT M E 220 3 CREDITS
 Note: T SC 220/ANTHR 220/ENV S 220/GLOBE 220/MAT E 220/ M E 220/SOC 220 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 9058005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ENGR THERMODYNAM I M E 231 3 CREDITS
 Prereq: MATH 166, CHEM 167, PHYS 221
 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 8:00-8:50
 MEETS: JAN 14-MAY 10
 4877010 B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 4877015 C MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 4877020 D TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 4877025 E TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 4877030 F TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 4877035 G TR 12:40-2:00
 MEETS: JAN 14-MAY 10

MECHANICAL ENGINEERING

(CONTINUED)

INTR MCH ENG DESIGN M E 270 3 CREDITS
 Prereq: M E 160 OR EQUIVALENT, M E 170 OR EQUIVALENT, PHYS 221
 Note: COURSE RESTRICTED TO M E MAJORS ONLY.
 6270005 A ARRANGED
 MWF 10:00-11:50
 MEETS: JAN 14-MAY 10
 6270010 B ARRANGED
 MWF 12:10-2:00
 MEETS: JAN 14-MAY 10
 6270015 C ARRANGED
 TR 8:00-10:50
 MEETS: JAN 14-MAY 10
 6270020 D ARRANGED
 MWF 2:10-4:00
 MEETS: JAN 14-MAY 10
 6270025 E ARRANGED
 TR 11:00-2:00
 MEETS: JAN 14-MAY 10
 6270030 F ARRANGED, TR 2:10-5:00
 MEETS: JAN 14-MAY 10
 6270035 G ARRANGED
 MWF 8:00-9:50
 MEETS: JAN 14-MAY 10

MANUFACTURING ENGR M E 324 3 CREDITS
 Prereq: M E 270, E M 324, MAT E 273, M E 324L
 6277005 A MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO M E & A E MAJORS ONLY.
 6277010 B MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

MFG ENGINEERING LAB M E 324L 1 CREDIT
 Prereq: M E 270, MAT E 273
 Note: COURSE RESTRICTED TO M E & A E MAJORS ONLY
 4270005 1 T 8:00-9:50
 MEETS: JAN 14-MAY 10
 4270010 2 W 9:00-10:50
 MEETS: JAN 14-MAY 10
 4270015 3 R 8:00-9:50
 MEETS: JAN 14-MAY 10
 4270020 4 F 8:00-9:50
 MEETS: JAN 14-MAY 10
 4270025 5 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 4270030 6 W 11:00-12:50
 MEETS: JAN 14-MAY 10
 4270035 7 R 10:00-11:50
 MEETS: JAN 14-MAY 10
 4270040 8 F 10:00-11:50
 MEETS: JAN 14-MAY 10
 4270045 9 M 12:10-2:00
 MEETS: JAN 14-MAY 10
 4270050 10 T 12:10-2:00
 MEETS: JAN 14-MAY 10
 4270055 11 W 1:10-3:00
 MEETS: JAN 14-MAY 10
 4270060 12 R 12:10-2:00
 MEETS: JAN 14-MAY 10
 4270065 13 M 2:10-4:00
 MEETS: JAN 14-MAY 10
 4270070 14 T 2:10-4:00
 MEETS: JAN 14-MAY 10
 4270075 15 W 3:10-5:00
 MEETS: JAN 14-MAY 10
 4270080 16 R 2:10-4:00
 MEETS: JAN 14-MAY 10

MECH COMPONENT DSGN M E 325 3 CREDITS
 Prereq: M E 170, E M 324, STAT 305
 Note: COURSE RESTRICTED TO M E & A E MAJORS ONLY
 6287005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 6287010 B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 6287015 C TR 9:30-10:45
 MEETS: JAN 14-MAY 10
 6287020 D TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ENGR THERMODYNAM I M E 332 3 CREDITS
 Prereq: M E 231
 Note: COURSE RESTRICTED TO M E MAJORS ONLY
 4878005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 4878010 B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 4878015 C MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 4878020 D MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

FLUID FLOW M E 335 4 CREDITS
 Prereq: E M 345, MATH 266 OR MATH 267,
 CREDIT OR ENROLLMENT IN M E 332
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. RESTRICTED TO M E MAJORS ONLY.
 5703005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 5703010 B TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 5703015 C MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

MECHANICAL ENGINEERING

(CONTINUED)

MECHANICAL ENGINEERING

(CONTINUED)

FLUID FLOW M E 335 4 CREDITS
 5703020 1 T 8:00-9:50
 MEETS: JAN 14-MAY 10
 5703025 2 W 8:00-9:50
 MEETS: JAN 14-MAY 10
 5703030 3 R 8:00-9:50
 MEETS: JAN 14-MAY 10
 5703035 4 F 8:00-9:50
 MEETS: JAN 14-MAY 10
 5703040 5 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 5703045 6 W 10:00-11:50
 MEETS: JAN 14-MAY 10
 5703050 7 R 10:00-11:50
 MEETS: JAN 14-MAY 10
 5703055 8 F 10:00-11:50
 MEETS: JAN 14-MAY 10
 5703060 9 W 12:10-2:00
 MEETS: JAN 14-MAY 10
 5703065 10 F 12:10-2:00
 MEETS: JAN 14-MAY 10
 5703070 11 T 2:10-4:00
 MEETS: JAN 14-MAY 10
 5703075 12 W 2:10-4:00
 MEETS: JAN 14-MAY 10
 5703080 13 R 2:10-4:00
 MEETS: JAN 14-MAY 10
 5703085 14 F 2:10-4:00
 MEETS: JAN 14-MAY 10
 5703090 15 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 5703095 16 T 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 5703100 17 R 4:10-6:00PM
 MEETS: JAN 14-MAY 10

ENGINEERING DYNAMICS M E 345 3 CREDITS
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>

2025005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 2025010 2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 2025015 3 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 2025020 4 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 2025025 5 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

ENGINEERING MEASUREMENTS M E 370 3 CREDITS
 Prereq: E E 442, STAT 305
 Note: RESTRICTED TO M E MAJORS ONLY.
 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION.

4881005 A MW 8:00-8:50
 MEETS: JAN 14-MAY 10
 4881105 B MW 8:00-8:50
 MEETS: JAN 14-MAY 10
 4881010 1 T 9:00-11:50
 MEETS: JAN 14-MAY 10
 4881015 2 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 4881020 3 R 9:00-11:50
 MEETS: JAN 14-MAY 10
 4881025 4 F 8:00-10:50
 MEETS: JAN 14-MAY 10
 4881030 5 M 12:10-3:00
 MEETS: JAN 14-MAY 10
 4881035 6 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 4881040 7 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 4881045 8 R 12:10-3:00
 MEETS: JAN 14-MAY 10
 4881050 9 F 11:00-2:00
 MEETS: JAN 14-MAY 10
 4881055 10 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 4881060 11 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 4881065 12 W 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 4881070 13 R 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 4881075 14 F 2:10-5:00
 MEETS: JAN 14-MAY 10

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

HM-CTR DSN:PREDEPAR M E 401 1 CREDIT
 Prereq: ACCEPTANCE INTO STUDY ABROAD PROGRAM
 Satisfactory-Fail Only.
 9857005 R 4:10-5:00
 MEETS: JAN 14-MAY 10

MECHANICAL SYST DSN M E 415 3 CREDITS
 Prereq: M E 324, M E 325
 4888005 A TR 8:00-10:50
 MEETS: JAN 14-MAY 10
 4888010 B TR 11:00-1:50
 MEETS: JAN 14-MAY 10
 4888015 C TR 2:10-5:00
 MEETS: JAN 14-MAY 10
 4888020 D MWF 10:00-11:50
 MEETS: JAN 14-MAY 10
 4888025 E MWF 1:10-3:00
 MEETS: JAN 14-MAY 10

MECH CONSID ROBOTCS M E 418 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN M E 421
 8109005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10

COMPUTER-AIDED DSGN M E 419 3 CREDITS
 Prereq: M E 325
 6207005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

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

6310005 A TR 8:00-9:20, ARRANGED
 MEETS: JAN 14-MAY 10
 6310006 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 6310007 C TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 6310010 1 W 8:00-9:50
 MEETS: JAN 14-MAY 10
 6310015 2 W 10:00-11:50
 MEETS: JAN 14-MAY 10
 6310020 3 F 10:00-11:50
 MEETS: JAN 14-MAY 10
 6310025 4 W 12:10-2:00
 MEETS: JAN 14-MAY 10
 6310030 5 F 12:10-2:00
 MEETS: JAN 14-MAY 10
 6310035 6 T 1:10-3:00
 MEETS: JAN 14-MAY 10
 6310040 7 R 1:10-3:00
 MEETS: JAN 14-MAY 10
 6310045 8 W 2:10-4:00
 MEETS: JAN 14-MAY 10
 6310050 9 F 2:10-4:00
 MEETS: JAN 14-MAY 10
 6310055 10 T 3:10-5:00
 MEETS: JAN 14-MAY 10
 6310060 11 R 3:10-5:00
 MEETS: JAN 14-MAY 10
 6310065 12 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 6310070 13 F 8:00-9:50
 MEETS: JAN 14-MAY 10

VEHI DYN&SUSPEN DSN M E 427X 3 CREDITS
 Prereq: MATH 265, MATH 267, E M 345
 9991005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

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 BSE,
 M E, CON E, A E MAJORS.

5711005 A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 5711010 B MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 5711011 C MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 5711012 D MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 5711015 1 T 8:00-9:50
 MEETS: JAN 14-MAY 10
 5711020 2 W 9:00-10:50
 MEETS: JAN 14-MAY 10
 5711025 3 R 8:00-9:50
 MEETS: JAN 14-MAY 10
 5711030 4 F 9:00-10:50
 MEETS: JAN 14-MAY 10
 5711035 5 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 5711040 6 R 10:00-11:50
 MEETS: JAN 14-MAY 10
 5711045 7 T 12:10-2:00
 MEETS: JAN 14-MAY 10
 5711050 8 W 1:10-3:00
 MEETS: JAN 14-MAY 10
 5711055 9 R 12:10-2:00
 MEETS: JAN 14-MAY 10
 5711060 10 F 1:10-3:00
 MEETS: JAN 14-MAY 10

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

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 14-MAY 10

HEAT&AIR COND DSIGN M E 442 3 CREDITS
 Prereq: M E 441 OR PERMISSION OF INSTRUCTOR
 4893005 1 MWF 2:10-4:00
 MEETS: JAN 14-MAY 10

ELEMS&PRFRM PWR PLT M E 444 3 CREDITS
 Prereq: M E 332, CREDIT OR ENROLLMENT IN M E 335
 4894005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

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.
 4901005 MW 9:00-9:50, ARRANGED
 MEETS: JAN 14-MAY 10

MACHINE VISION M E 456 3 CREDITS
 9944005 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

MULTIDISC ENGR DSGN M E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 1903005 A MWF 3:10-5:00
 MEETS: JAN 14-MAY 10

MODELING & SIMULATN M E 475 3 CREDITS
 Prereq: M E 421, CREDIT OR ENROLLMENT IN M E 436
 4903005 A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

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 490O 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

IND STDY LAB MAKEUP M E 490Z 1- 3 CREDITS
 Prereq: DEPARTMENT PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

LABORATORY COMPONNT M E 491X 1- 3 CREDITS
 8587005 A ARRANGED
 MEETS: JAN 14-MAY 10

ECN&POLCY ENRGY SYS M E 510 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 3702005 TR 3:40-4:55
 MEETS: JAN 14-MAY 10

MECH CONSID ROBOTCS M E 518 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN M E 421
 7960005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

BHV&MFG POLYM&CMPOS M E 521 3 CREDITS
 Prereq: M E 324 OR MAT E 272 AND E M 324
 4926005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

COMPRESBL FLUID FLO M E 532 3 CREDITS
 Prereq: AER E 311 OR M E 335
 6272005 1 MWF 3:10-4:00 WARD T
 MEETS: JAN 14-MAY 10

ADV HEAT TRANSFER M E 536 3 CREDITS
 Prereq: M E 436
 4933005 A MW 3:10-4:30
 MEETS: JAN 14-MAY 10

FLU MECH&HEAT TR II M E 547 3 CREDITS
 Prereq: AER E 546 OR AER E 546
 4940005 1 MWF 1:10-2:00 RAJAGOPALAN R
 MEETS: JAN 14-MAY 10

MACHINE VISION M E 556 3 CREDITS
 Prereq: MATH 317, M E 421 OR INSTRUCTOR PERMISSN
 9587005 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

INTRO TO TRIBOLOGY M E 562X 3 CREDITS
 Prereq: E M 324, MAT E 273; OR PERMISSION OF INSTRUCTOR
 9974005 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

SLD MODEL&GPU CMPUT M E 570X 3 CREDITS
 Prereq: M E 170, M E 419; OR INSTRUCTOR PERMISSN
 9992005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

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 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

NONLINEAR SYSTEMS M E 578 3 CREDITS
 Prereq: E E 577
 8200005 1 MW 4:10-5:30
 MEETS: JAN 14-MAY 10

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 DS&MFG INNOV M E 590W 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SIMUL&VISULZ M E 590Z 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROBLSTC ENGR ANLYS M E 591X 3 CREDITS
 Prereq: LINEAR ALGEBRA OR MATH 207; PROBABILITY THEORY OR STAT 231; OR PERMISSION OF INSTRUCTOR
 9993005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

MACH LRN CYB-PHY SY M E 592X 3 CREDITS
 Prereq: BASICS OF LINEAR ALGEBRA, PROBABILITY THEORY AND COMPUTER PROGRAMMING
 9994005 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

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

SEMINAR M E 600 R CREDIT
 4964005 A ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC A FOR FIRST YEAR STUDENTS

4964010 B ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC B FOR CONTINUING STUDENTS

4964015 C ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC C FOR STUDENTS IN P3 PROGRAM

SURFACE MODELING M E 625 3 CREDITS
 Prereq: M E 557, PROGRAMMING EXPERIENCE IN C
 5749005 A TR 11:00-12:15
 MEETS: JAN 14-MAY 10

MULTIPHASE FLOW M E 632 3 CREDITS
 Prereq: M E 538
 4967005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

ADV TOP ENGR COMPUT M E 690O VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LIT INVESTG M E 690Q VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING (CONTINUED)

ADV TOP BIOL&NANOSC M E 690T VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CPLX FLU SY M E 690U VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CL ENRGY TC M E 690V VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TP DS&MFG INNOV M E 690W VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SIMU&VISUAL M E 690Z 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 14-MAY 10

RESEARCH M E 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY

EARTH,WIND&F ORIENT MTEOR 113 1 CREDIT
 9304005 M 4:10-5:00
 MEETS: JAN 14-MAY 10

WORLD WATER RESOURC MTEOR 160 3 CREDITS
 Note: Meets international perspectives reqmt
 3242005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

INTRO WEATHER&CLIMT MTEOR 206 3 CREDITS
 5375005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUCATN MTEOR 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4813005 1 ARRANGED
 MEETS: JAN 14-MAY 10

GEN METEOROLOGY I MTEOR 301 4 CREDITS
 Prereq: MATH 166, CREDIT OR ENROLLMT IN PHYS 222
 5376005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

ENERGY &THE ENVIRON MTEOR 324 3 CREDITS
 Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD
 CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
 5614005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ATMOSPH PHYSICS II MTEOR 342 3 CREDITS
 Prereq: MTEOR 341
 5383005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUCATN MTEOR 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4823005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

GLOBAL CHANGE MTEOR 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 8141005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ENVIRONM BIOPHYSICS MTEOR 405 3 CREDITS
 Prereq: MATH 165 OR MATH 182 OR EQUIVALENT AND
 SOME COMPUTER PROGRAMMING EXPERIENCE (ANY LANGUAGE)
 6958005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

WORLD CLIMATES MTEOR 406 3 CREDITS
 Prereq: AGRON 206/MTEOR 206
 Note: Meets international perspectives reqmt
 5384005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

METEOROLOGY (CONTINUED)

HYDROLGC MDLNG&ANLY MTEOR 416 3 CREDITS
 Prereq: FOUR COURSES IN EARTH SCI, METEOROLOGY,
 OR ENGINEERING; JUNIOR STANDING
 8600005 MW 11:00-11:50
 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

MESOSCA FORECAS LAB MTEOR 417 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 411
 5389005 1 TR 2:10-4:30
 MW 2:30-3:00
 MEETS: JAN 14-MAY 10

INSTRUMNT&MEASURMNT MTEOR 432 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 266, PHY 222
 5377005 1 MF 3:10-4:00
 W 3:10-5:00
 MEETS: JAN 14-MAY 10

DYNAMIC METEOROLG I MTEOR 443 3 CREDITS
 Prereq: MTEOR 341
 5385005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

CLIMATE MODELING MTEOR 452 3 CREDITS
 Prereq: MTEOR 301
 7471005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10
 8425010 2 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10
 8426010 2 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

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 1 ARRANGED
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUCATN MTEOR 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4824005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

GLOBAL CHANGE MTEOR 504 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES
 OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING
 8142005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ENVIRONM BIOPHYSICS MTEOR 505 3 CREDITS
 Prereq: MATH 165 OR MATH 182 OR EQUIVALENT AND
 SOME COMPUTER PROGRAMMING EXPERIENCE (ANY LANGUAGE)
 5393005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

CLIMATE MODELING MTEOR 552 3 CREDITS
 Prereq: MTEOR 301
 7472005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8427005 ARRANGED
 MEETS: JAN 14-MAY 10

METEOROLOGY (CONTINUED)

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8429005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8430005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8431005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 8432005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8433005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8434005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOP STAT METHDS MTEOR 590H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8435005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8437005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1230005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3901005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3904005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8669005 ARRANGED
 MEETS: JAN 14-MAY 10

SP TOP GEOPH FLU DY MTEOR 590N 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9186120 TC ARRANGED
 MEETS: JAN 14-MAY 10

GRADUATE SEMINAR MTEOR 595A 1 CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3596005 F 4:10-6:00PM
 MEETS: JAN 14-MAY 10

GRADUATE SEMINAR MTEOR 595B R CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3599005 F 4:10-6:00PM
 MEETS: JAN 14-MAY 10

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

MICROBIOLOGY

PHAG GNOM ANNOT LAB MICRO 116X 2 CREDITS
 9464005 1 MW 11:00-1:00
 MEETS: JAN 14-MAY 10

INTRO MICROBIOLOGY MICRO 201 2 CREDITS
 Prereq: ONE SEMESTER OF COLLEGE-LEVEL BIOLOGY
 5305005 1 MW 2:10-3:00
 MEETS: JAN 14-MAY 10

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 8:30-9:50
 MEETS: JAN 14-MAY 10
 1433010 2 MW 10:00-11:20
 MEETS: JAN 14-MAY 10
 1433015 3 MW 11:30-12:50
 MEETS: JAN 14-MAY 10
 1433020 4 MW 3:10-4:30
 MEETS: JAN 14-MAY 10

MICROBIOLOGY (CONTINUED)

INTRO MICROBIOL LAB MICRO 201L 1 CREDIT
 1433025 5 TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 1433030 6 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 1433035 7 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 1433040 8 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 1433045 9 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 1426010 B ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

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 14-MAY 10
 3024010 2 MW 11:00-12:20
 MEETS: JAN 14-MAY 10
 3024015 3 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC 3 RESTRICTED TO MICR, MICRO MAJORS ONLY
 3024020 4 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 3024025 5 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

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 14-MAY 10

INTRO PARASITOLOGY MICRO 353 3 CREDITS
 Prereq: BIOL 212
 7682005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

INSECTS &OUR HEALTH MICRO 374 3 CREDITS
 Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES
 Note: Meets international perspectives reqmt
 2784005 A TR 11:00-12:15
 MEETS: JAN 14-MAY 10

INSCTS&OUR HLTH LAB MICRO 374L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN ENT 374
 6329005 W 9:00-11:50
 MEETS: JAN 14-MAY 10

SAFTY FOOD FROM ANI MICRO 407 3 CREDITS
 Prereq: MICRO 420
 1881005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

FOOD MICROBIOL LAB MICRO 421 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302; MICRO 201L OR
 MICRO 302L. CREDIT OR ENROLLMENT IN FS HN/MICRO 420
 9676005 1 TR 9:30-11:30
 F 2:10-4:00
 MEETS: JAN 14-MAY 10

PROCARYO DIVERS&ECO MICRO 430 3 CREDITS
 Prereq: MICRO 302, MICRO 302L
 6309005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

LAB MICR PHYSL,DVRS MICRO 440 4 CREDITS
 Prereq: MICRO 302, MICRO 302L, CHEM 332, BIOL
 313L
 6135005 1 TR 2:10-3:00
 MWF 2:10-4:00
 MEETS: JAN 14-MAY 10
 LEMPER C

UG CAPSTONE COLLOOM MICRO 450 2 CREDITS
 Prereq: SP CM 212 AND SR STANDING IN MICROBIOLOGY
 5319005 1 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 5319010 2 T 3:10-5:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

MICROBIOLOGY (CONTINUED)

IMMUNOLOGY LAB MICRO 475L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MICRO 310 OR
 MICRO 475 OR MICRO 575
 6720005 1 TR 1:10-5:00
 MEETS: JAN 14-MARCH 8

INDEP STU:LAB RSRCH MICRO 490A VAR. CREDITS
 Prereq: A MINIMUM OF 6 CREDITS OF 300-LEVEL
 OR ABOVE COURSEWORK IN MICROBIOLOGY, PERMISSION
 OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU:LIT RVIEW MICRO 490B VAR. CREDITS
 Prereq: A MINIMUM OF 6 CREDITS OF 300-LEVEL
 OR ABOVE COURSE WORK IN MICROBIOLOGY, PERMISSION
 OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDP STU:INSTR ASST MICRO 490C VAR. CREDITS
 Prereq: A MINIMUM OF 6 CREDITS OF 300-LEVEL
 OR ABOVE COURSEWORK IN MICROBIOLOGY, PERMISSION
 OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** 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 14-MAY 10

SAFTY FOOD FROM ANI MICRO 507 3 CREDITS
 Prereq: MICRO 420
 2129005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

INTESTINL MICROBIOL MICRO 525 3 CREDITS
 Prereq: MICRO 302, BIOL 313
 4983005 ARRANGED
 MEETS: JAN 14-MAY 10

PROCARYOT DIVRS&ECO MICRO 530 3 CREDITS
 Prereq: MICRO 302, MICRO 302L
 6600005 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

VIROLOGY MICRO 554 1 CREDIT
 Prereq: UNDERGRADUATE COURSES IN GENERAL MICRO
 AND GENETICS
 7118005 MWF 10:00-10:50
 MEETS: FEB 18-MARCH 29

FUNGAL BIOLOGY MICRO 555 1 CREDIT
 Prereq: MICRO 302, BIOL 313
 7138005 MWF 10:00-10:50
 MEETS: APRIL 1-MAY 3

MICROORGNSM ECOLOGY MICRO 556 1 CREDIT
 Prereq: MICRO 302, BIOL 313
 7159005 MWF 10:00-10:50
 MEETS: JAN 14-FEB 15

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 14-MAY 10

SPECIAL TOPICS MICRO 590 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MICROBIOLOGY (CONTINUED)

SEMINAR MICRO 604 1 CREDIT
 Satisfactory-Fail Only.
 6962005 A T 4:10-5:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

SEMNL MOLEC,C,DV BIO MICRO 698 1- 2 CREDITS
 5350005 A M 3:10-5:00
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10
 4995010 2 W 10:00-10:50
 MEETS: JAN 14-MAY 10

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 4:10-6:00PM
 MEETS: JAN 14-MAY 10

ARMY PHY READINESS M S 150 1 CREDIT
 8414005 1 MTF 6:00-7:15
 MEETS: JAN 14-MAY 10

MAP READ&LAND NAVIG M S 202 2 CREDITS
 Prereq: CONCURRENT ENROLLMNT IN M S 202L REQUIRED
 Note: CONCURRENT ENROLLMENT IN M S 202L REQUIRED
 4999005 1 MW 9:00-9:50
 MEETS: JAN 14-MAY 10
 4999010 2 MW 11:00-11:50
 MEETS: JAN 14-MAY 10

BAS LEADRSH 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 4:10-6:00PM
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10
 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
 MEETS: JAN 14-MAY 10
 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
 MEETS: JAN 14-MAY 10
 Note: Department permission required.
 5002010 2 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

ADV LEADRSH LAB II M S 302L 1 CREDIT
 Prereq: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 302 AND PERMISSION OF
 THE DEPARTMENT CHAIR OF MILITARY SCIENCE
 5005005 1 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 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 W 12:40-3:40
 MEETS: JAN 14-MAY 10
 Note: Department permission required.
 5009010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

MILITARY SCIENCE

(CONTINUED)

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
 5010005 1 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

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
 9598005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Department permission required.

MOLECULAR CELLULAR DEV BIOLOGY

ADV MOLECULR GENETC MCDB 511 3 CREDITS
 Prereq: BIOL 313 AND BMB 405
 5303005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

GRAD RESRCH ROTATN MCDB 697 1- 6 CREDITS
 Satisfactory-Fail Only.
 7278005 ARRANGED
 MEETS: JAN 14-MAY 10

SEM N MOLEC,C,DV BIO MCDB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2019
 5275005 A M 3:10-5:00
 MEETS: JAN 14-MAY 10

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
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING
 COURSES MAY BE APPLIED TOWARD GRADUATION:
 MUSIC 101, MUSIC 105, MUSIC 201X
 7180005 A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 7180010 B MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS
 Note: Meets international perspectives reqmt
 5406005 A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 5406010 B MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

BASIC MUSICIANSHIP MUSIC 105 3 CREDITS
 Prereq: PERFORMING ARTS MAJOR STATUS OR
 PERMISSION OF INSTRUCTOR.
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING
 COURSES MAY BE APPLIED TOWARD GRADUATION:
 MUSIC 101, MUSIC 105, MUSIC 201X
 2975005 A TR 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 14-MAY 10

WIND ENSEMBLE MUSIC 111 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5408005 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 5409010 B R 7:10-9:00PM
 MEETS: JAN 14-MAY 10

JAZZ ENSEMBLE MUSIC 113 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 Note: STUDENT MUST ENROLL IN ASSIGNED SECTION
 ADDITIONAL EXPENSES MAY APPLY
 5410005 A TR 2:10-3:40
 MEETS: JAN 14-MAY 10
 5410010 B MW 3:10-4:40
 MEETS: JAN 14-MAY 10

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 14-MAY 10

PEP BAND FOR SOCC&W MUSIC 114C 1 CREDIT
 Prereq: STUDENTS SELECTED BY AUDITION
 9818005 TR 5:10-6:30PM
 MEETS: JAN 14-MAY 10

MUSIC

(CONTINUED)

SYMPHONIC BAND MUSIC 115 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 9610005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

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
 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
 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
 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
 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

MUSIC

(CONTINUED)

INTR MUSIC LIT&STYL MUSIC 120 3 CREDITS
 Prereq: MUSIC 224; 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 COURSE RESTRICTED TO MUSIC MAJORS OR BY PERMISSION OF INSTRUCTOR
 5430005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 5433010 B TR 11:00-11:50
 MEETS: JAN 14-MAY 10
 5433015 C MW 12:10-1:00
 MEETS: JAN 14-MAY 10

LYRICA WOMENS CHOIR MUSIC 141 1 CREDIT
 Prereq: OPEN TO ALL FEMALE STUDENTS BY AUDITION
 5437005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

CANTAMUS WMNS CHOIR MUSIC 151A 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 4461005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

STATESMEN MNS CHOIR MUSIC 151B 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 4471005 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

IOWA STATE SINGERS MUSIC 161 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5441005 MTWRF 12:10-1:00
 MEETS: JAN 14-MAY 10

SYMPHONY ORCHESTRA MUSIC 181 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5443005 TR 4:10-6:00PM
 MEETS: JAN 14-MAY 10

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 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 14-MAY 10
 5456010 B MW 11:00-11:50
 MEETS: JAN 14-MAY 10
 5456015 C MW 8:00-8:50
 MEETS: JAN 14-MAY 10

MUSIC

(CONTINUED)

MUSIC THEORY II MUSIC 234 3 CREDITS
 Prereq: MUSIC 224. CONCURRENT ENROLLMENT IN MUSIC 235 RECOMMENDED.
 Note: COURSE RESTRICTED TO MUSIC MAJORS. OR BY PERMISSION OF INSTRUCTOR
 2430005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 2430010 B MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

AURAL THEORY II MUSIC 235 1 CREDIT
 Prereq: MUSIC 225; CREDIT OR ENROLLMENT IN MUSIC 234
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
 2502005 A TR 10:00-10:50
 MEETS: JAN 14-MAY 10

INTRO CRTV DGTL MUS MUSIC 246 2 CREDITS
 Prereq: MUSIC 101, MUSIC 105, OR MUSIC 224, OR PERMISSION OF INSTRUCTOR
 5578005 MW 1:10-2:00
 MEETS: JAN 14-MAY 10

MU INSTRUCT TECHNOL MUSIC 248 2 CREDITS
 Prereq: MUSIC 224 AND MUSIC 225
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
 4158005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

MUSIC IN ELEM EDUC MUSIC 265 2 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 7209005 A TR 3:10-4:00
 MEETS: JAN 14-MAY 10
 7209010 B TR 2:10-3:00
 MEETS: JAN 14-MAY 10
 7209015 C TR 4:10-5:00
 MEETS: JAN 14-MAY 10
 7209020 D TR 5:10-6:00PM
 MEETS: JAN 14-MAY 10
 7209025 E TR 6:10-7:00PM
 MEETS: JAN 14-MAY 10

INTRO TO MUSIC EDUC MUSIC 266 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN MUSIC 480K
 5459005 A MW 3:10-4:00
 MEETS: JAN 14-MAY 10

PRE-TCH EXP I:MUSIC MUSIC 280K .5 CREDIT
 Satisfactory-Fail Only.
 5807005 ARRANGED
 MEETS: JAN 14-MAY 10

SPCL PROB EDUCATION MUSIC 290A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: ADDITIONAL EXPENSES MAY BE APPLIED
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: ADDITIONAL EXPENSES MAY APPLY FOR LESSONS
 SEE SPECIFIC SECTION FOR DETAILS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB CONDUCTING MUSIC 290G VAR. CREDITS
 ***** 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

MUSIC (CONTINUED)

MUSIC (CONTINUED)

OPERA/OPRTTA STUDIO MUSIC 301A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8656005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

OPERA STDO MU THTRE MUSIC 301B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8670005 ARRANGED
 MEETS: MARCH 11-MAY 10

WSTRN CULT MASTERPC 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 14-MAY 10

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
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO MUSIC 321B 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE ORGAN MUSIC 321C 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBL STRINGS MUSIC 321D 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMB WOODWINDS MUSIC 321F 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS MUSIC 321G 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** 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
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

FUNC PIANO FOR VOIC MUSIC 327B 2 CREDITS
 Prereq: Music 228 OR PERMISSION OF INSTRUCTOR
 2636005 TR 3:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10

MUSIC THEORY IV MUSIC 344 3 CREDITS
 Prereq: MUSIC 334. CONCURRENT ENROLLMENT IN
 MUSIC 345 RECOMMENDED.
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
 2571005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 2571010 B MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

AURAL THEORY IV MUSIC 345 1 CREDIT
 Prereq: MUSIC 335; CREDIT OR ENROLLMENT IN
 MUSIC 344
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
 2602005 A TR 9:00-9:50
 MEETS: JAN 14-MAY 10
 2602010 B TR 8:00-8:50
 MEETS: JAN 14-MAY 10

CPTR MUS PRGRMG DSN MUSIC 346 3 CREDITS
 Prereq: MUSIC 246 OR PERMISSION OF INSTRUCTOR
 8436005 M 3:10-4:00
 W 3:10-5:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

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 14-MAY 10

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 14-MAY 10

MUSIC (CONTINUED)

MUSIC (CONTINUED)

LAB ENSEMBLE:CHORAL MUSIC 358A R CREDIT
 7331005 T 12:10-1:00
 MEETS: JAN 14-MAY 10

VOCAL PEDAGOGY MUSIC 360 2 CREDITS
 Prereq: MUSIC 319A OR VOCAL PROFICIENCY EXAM
 5506005 MW 1:10-2:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

CHORAL LITERATURE MUSIC 367 2 CREDITS
 Prereq: MUSIC 361 RECOMMENDED
 4597005 TR 4:10-5:00
 MEETS: JAN 14-MAY 10

CHORAL MTHDS INSTRM MUSIC 375 1 CREDIT
 Prereq: CLASSIFICATION AS A MUSIC MAJOR;
 MUSIC 280K; MUSIC 266; ADMISSION INTO TEACHER EDUCATN
 4375005 T 8:00-8:50
 MEETS: JAN 14-MAY 10

HISTORY OF MUSIC II MUSIC 384 3 CREDITS
 Prereq: MUSIC 383; MUSIC MAJOR STATUS OR
 PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
 Meets international perspectives reqmt
 5512005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

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 2019
 6741005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 6741010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 6741015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 6741020 2R ARRANGED
 MEETS: MARCH 11-MAY 10

STUDNT TCHG SEC MUS MUSIC 417S VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2019
 6690005 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 6690010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 6690015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 6690020 2R ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

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 14-MAY 10
 Note: COURSES FOR JUNIOR OR SENIOR RECITALS ONLY

APP THRY:IMPROV&ARR MUSIC 434 3 CREDITS
 Prereq: MUSIC 344, MUSIC 345
 4382005 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

INSTM ADM,MTLS,MTHD MUSIC 464 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MUSIC 362B
 RECOMMENDED
 5525005 TR 9:00-9:50
 MEETS: JAN 14-MAY 10

EXPERNCE III: MUSIC MUSIC 480K 1 CREDIT
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2019
 Satisfactory-Fail Only.
 7691005 ARRANGED
 MEETS: JAN 14-MAY 10

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

MUSIC (CONTINUED)

IND STDY APPL MUSIC MUSIC 490F VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: ADDITIONAL EXPENSES MAY APPLY FOR LESSONS SEE SPECIFIC SECTION FOR DETAILS
 ***** 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.
 ***** Instructor permission required 1st week. SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELECTRNC M MUSIC 490I VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week. ***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS THEORY MUSIC 590B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 Note: Instructor permission required 1st week. ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS COMPOSIT MUSIC 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 Note: Instructor permission required 1st week. ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LIT MUSIC 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 Note: Instructor permission required 1st week. ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC APPL MUSIC MUSIC 590F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 Note: Instructor permission required 1st week. ***** SEE DEPT FOR REFERENCE NUMBERS

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 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 8032010 2 R 12:10-1:00
 MEETS: JAN 14-MAY 10

INTR RENEW RESOURCS NREM 120 3 CREDITS
 1297005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

NAT RESOURCES &AGRI NREM 130 3 CREDITS
 1055005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

NAT RESOURC CAREERS NREM 211 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 4467005 R 2:10-3:00
 MEETS: JAN 14-MAY 10

QUANTV PROBLEM SOLV NREM 240 3 CREDITS
 Prereq: STAT 101 OR STAT 104, OR PERMISSION OF THE INSTRUCTOR
 9918005 MW 12:10-1:00
 R 3:40-5:40
 MEETS: JAN 14-MAY 10

INTERNSHIP NREM 303 1- 3 CREDITS
 Prereq: PERMISSION OF DEPARTMENT MENTOR, SOPHOMORE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

SEMINAR NREM 305 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: TOPIC: FISH PHYSIOLOGY; INCLUDES FIELD TRIPS TO AREA BODIES OF WATER TO COLLECT SAMPLES OFFERED FOR 3 CREDITS SPRING 2019
 1058005 1 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 1058010 2 R 11:00-2:00
 MEETS: MARCH 11-MAY 10
 Note: SEC 2 OFFERED FOR 1 CREDIT TOPIC: WILD EDIBLES

PRIN INTERPRETATION NREM 330 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL SCIENCES
 Note: PARTICIPATION IN FIELD TRIPS IS MANDATORY, MUST ALLOW TRAVEL TIME IN YOUR SCHEDULE AS RETURN TO AMES MAY BE AFTER 5PM
 COURSE RESTRICTED TO A ECL, FOR MAJORS ONLY
 1070010 1 T 2:10-3:00
 R 2:10-3:00
 R 3:10-5:00
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

NAT RES PHOTGRM&GIS NREM 345 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 3730005 TR 8:00-8:50
 W 1:10-4:00
 MEETS: JAN 14-MAY 10

WATERSHED MANAGMENT NREM 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 3727005 1 TR 9:30-10:50
 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 3727010 2 TR 9:30-10:50
 T 12:10-3:00
 MEETS: JAN 14-MAY 10

ECOSYSTEM MANAGEMNT NREM 452 3 CREDITS
 Prereq: JR CLASSIFICATION, NREM 301 OR A ECL 312
 Note: COURSE RESTRICTED TO SENIORS ONLY
 5822005 MW 1:10-2:00
 F 11:00-2:00
 MEETS: JAN 14-MAY 10

CONTRV NAT RSRC MGT NREM 460 3 CREDITS
 Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND JUNIOR CLASSIFICATION
 7598005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 7598010 2 MW 11:00-12:20
 MEETS: JAN 14-MAY 10

UNDERGRAD SEMINAR NREM 485 1 CREDIT
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN A ECL OR FOR MAJORS, OTHERS BY PERMISSN OF INSTRUCTOR
 Satisfactory-Fail Only.
 9930005 F 3:10-4:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

INDEP STUDY HONORS NREM 490H 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

DOMESTIC TRAVEL NREM 496B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2597005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1 TOPIC: YELLOWSTONE
 SEC 1 OFFER FOR 2 CREDITS SPRING 2019
 TRAVEL MARCH 9-18
 FOR UNDERGRADUATE STUDENTS ONLY
 Instructor permission required.
 2597010 2 F 9:00-11:00
 MEETS: JAN 14-MAY 10
 Note: SEC 2
 TOPIC: BIODIVERSITY CONSERVATION IN URBAN REGIONS
 SEC 2 FOR GRADUATE STUDENTS ONLY
 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
 MEETS: JAN 14-MAY 10

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

SEMINAR NREM 505 1- 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 Note: COURSE RESTRICTED TO JUNIOR, SENIOR & GRAD STUDENTS ONLY
 1083005 1 W 3:10-4:00
 MEETS: JAN 14-MAY 10
 1083010 2 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

WATERSHED MANAGEMNT NREM 507 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 JUNIORS & SENIORS NEED THE PERMISSION OF INSTRUCTOR
 3857005 1 TR 9:30-10:50
 T 3:10-6:00PM
 MEETS: JAN 14-MAY 10
 3857010 2 TR 9:30-10:50
 T 12:10-3:00
 MEETS: JAN 14-MAY 10

INTRO DNA TECHNIQS NREM 542A 1 CREDIT
 Satisfactory-Fail Only.
 3744005 A TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 15-FEB 14

INTR PROTEIN TECHNQ NREM 542B 1 CREDIT
 Satisfactory-Fail Only.
 7042010 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: FEB 19-MARCH 28

INTRO CELL TECHNIQS NREM 542C 1 CREDIT
 Satisfactory-Fail Only.
 3777005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: APRIL 1-MAY 2

ECOSYSTEM MANAGEMNT NREM 552 3 CREDITS
 Prereq: SENIOR CLASSIFICATION AND NREM 120
 OR EQUIVALENT
 Note: COURSE RESTRICTED TO GRADS ONLY
 1375005 MW 1:10-2:00
 F 11:00-2:00
 MEETS: JAN 14-MAY 10

AGROFORESTRY SYSTMS NREM 571 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL SCIENCE
 AT 300 LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 4826005 TR 8:00-8:50
 M 1:10-4:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 Note: Materials, field trips &/or travel fee \$25.00

DOMESTIC TRAVEL NREM 596B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2606010 2 F 9:00-11:00
 MEETS: JAN 14-MAY 10
 Note: SEC 2
 TOPIC: BIODIVERSITY CONSERVATION IN URBAN REGIONS
 TRAVEL MARCH 7-13 - PORTLAND, OREGAN
 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 14-MAY 10

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

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 14-MAY 10

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 14-MAY 10

FUND MNEUVR WARFARE N S 240 3 CREDITS
 9516005 1 MW 5:10-6:30PM
 TR 4:10-5:30
 MEETS: JAN 14-MAY 10

EVOLUTN OF WARFARE N S 321 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 5557005 A TR 11:00-12:20
 TR 4:10-5:30
 MEETS: JAN 14-MAY 10

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 14-MAY 10

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 14-MAY 10

SENIOR N S SEMINAR N S 440 1 CREDIT
 Prereq: SENIOR CLASSIFICATION
 Satisfactory-Fail Only.
 4061005 W 8:00-8:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY N S 490 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION AND PRIOR APPROVAL
 OF N S DEPARTMENT CHAIR, 6 CREDITS IN NAVAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF N S 490 MAY BE APPLIED
 TOWARD GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NEUROSCIENCE

CURR TOPCS NEUROBIO NEURO 661 2- 3 CREDITS
 Prereq: NEURO 556 OR PERMISSION OF INSTRUCTOR
 8553005 1 R 3:10-5:00, ARRANGED
 MEETS: JAN 14-MAY 10

NEUROSCI JOURNL CLB NEURO 690 1 CREDIT
 Prereq: NEURO 556
 8554005 ARRANGED
 MEETS: JAN 14-MAY 10

NEUROSCIENCE SEMINR NEURO 696 1 CREDIT
 Prereq: NEURO 556
 8555005 ARRANGED
 MEETS: JAN 14-MAY 10

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

NUCLEAR ENGINEERING

NUCLEAR REACTR ENGR NUC E 402 3 CREDITS
 Prereq: NUC E 401, PERMISSION OF NUCLEAR
 ENGINEERING PROGRAM DIRECTOR
 7745005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

RAD PROTEC&SHIELDNG NUC E 405 3 CREDITS
 Prereq: NUC E 401, PERMISSION OF NUCLEAR
 ENGINEERING PROGRAM DIRECTOR
 7755005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

NUCLEAR ENGINEERING (CONTINUED)

NUCLR ENRGY&SOCIETY NUC E 430 3 CREDITS
 Prereq: NUC E 401
 9086005 A ARRANGED
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY NUC E 490 1- 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

NURSING

CNTM ISS NURS&HLTHC NRS 360 2 CREDITS
 Prereq: ADMISSION TO THE RN-BSN PROGRAM
 Note: COURSE RESTRICTED TO NRS A, NRS H MAJORS ONLY
 8962005 ARRANGED
 MEETS: JAN 14-MAY 10

POP&CMUNTY HLTH NRS NRS 440 4 CREDITS
 Prereq: NRS 340, NRS 420
 Note: COURSE RESTRICTED TO NRS A, NRS H MAJORS ONLY
 8969005 ARRANGED
 MEETS: JAN 14-MAY 10

NURS LEADRSHIP &MGT NRS 460 3 CREDITS
 Prereq: NRS 320, NRS 340
 Note: COURSE RESTRICTED TO NRS A, NRS H MAJORS ONLY
 8970005 ARRANGED
 MEETS: JAN 14-MAY 10

INDP STU:TRANSITION NRS 490 1- 2 CREDITS
 Note: COURSE RESTRICTED TO NRS A, NRS H MAJORS ONLY
 8976005 ARRANGED
 MEETS: JAN 14-MAY 10

NUTRITIONAL SCIENCES

NTR&EPGNTC GENE EXP NUTRS 504 1 CREDIT
 Prereq: GRADUATE STANDING. UNDERGRADS MUST OBTAIN CONSENT OF INSTRUCTOR.
 4365005 1 F 12:10-1:00
 MEETS: JAN 14-MAY 10

DIGESTV PHYSL RUMIN NUTRS 520 3 CREDITS
 Prereq: NUTRS 501 OR AN S 419
 3597005 1 ARRANGED
 MEETS: JAN 14-MAY 10

INTRO DNA TECHNIQS NUTRS 542A 1 CREDIT
 Satisfactory-Fail Only.
 8628005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: JAN 15-FEB 14

INTR PROTEIN TECHNQ NUTRS 542B 1 CREDIT
 Satisfactory-Fail Only.
 7114010 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: FEB 19-MARCH 28

INTRO CELL TECHNIQS NUTRS 542C 1 CREDIT
 Satisfactory-Fail Only.
 8633005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: APRIL 1-MAY 2

MED NUTRI&DISEAS II NUTRS 564 3- 4 CREDITS
 Prereq: FS HN 360, FS HN 461, OR NUTRS 561
 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 14-MAY 10
 Note: SEC A OFFERED FOR 3 CREDITIS SPRING 2019.

VITAMINS & MINERALS NUTRS 618 2 CREDITS
 Prereq: BIOCHEMISTRY, PHYSIOLOGY, BASIC NUTRITION
 4278005 1 TR 10:00-10:50
 MEETS: JAN 14-MAY 10

SPECIAL PROBLEMS NUTRS 690 VAR. CREDITS
 6201005 ARRANGED
 MEETS: JAN 14-MAY 10

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 14-MAY 10

TOPICS TROPICL BIOL OTS 515 1- 8 CREDITS
 7544005 ARRANGED
 MEETS: JAN 14-MAY 10

PERFORMING ARTS

ISSUES PERFORM ARTS PERF 105 R CREDIT
 Satisfactory-Fail Only.
 3673005 R 4:10-5:30
 MEETS: JAN 14-MAY 10

PERFORM ARTS INTERN PERF 310 R CREDIT
 Satisfactory-Fail Only.
 3677005 ARRANGED
 MEETS: JAN 14-MAY 10

PERFRM ARTS SEMINAR PERF 401 2 CREDITS
 3706005 M 9:00-9:50, ARRANGED
 MEETS: JAN 14-MAY 10

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS
 5824005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

5824010 B TR 12:40-2:00
 MEETS: JAN 14-MAY 10

5824015 C TR 9:30-10:50
 MEETS: JAN 14-MAY 10

Note: SEC C RESTRICTED TO FRESHMAN ONLY

5824020 D MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

5824025 E MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

5824030 F MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

5824035 G MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

5824040 H MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

INTR SYMBOLIC LOGIC PHIL 207 3 CREDITS
 5826005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

MORAL THEOR&PRACTICE PHIL 230 3 CREDITS
 5827005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

5827010 B MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

5827015 C MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

5827020 D MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

5827025 E TR 9:30-10:50
 MEETS: JAN 14-MAY 10

5827030 F TR 11:00-12:20
 MEETS: JAN 14-MAY 10

5827035 G TR 11:00-12:20
 MEETS: JAN 14-MAY 10

5827040 J MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

5827045 K MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

5827050 L MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

5827055 M MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

5827060 N TR 11:00-12:30
 MEETS: JAN 14-MAY 10

5827075 P MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

ETH ISS DIVERSE SOC PHIL 235 3 CREDITS
 Note: Meets U.S. diversity reqmt
 4962005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

17TH CENTURY PHILOS PHIL 314 3 CREDITS
 Prereq: PHIL 201
 Note: Instructor permission required 1st week.
 5831005 TR 11:00-12:30
 MEETS: JAN 14-MAY 10

20TH C ANGLO-AM PHI PHIL 318 3 CREDITS
 Prereq: 6 CR. IN PHILOSOPHY, INCLUDING PHIL 201
 1825005 T 3:40-6:00PM
 MEETS: JAN 14-MAY 10

PHILOSOPHY (CONTINUED)

PHYSICS (CONTINUED)

MORAL PROB MEDICINE PHIL 331 3 CREDITS
 Prereq: PHIL 230 OR JUNIOR CLASSIFICATION
 5835005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 5835010 B TR 12:40-2:00
 MEETS: JAN 14-MAY 10

PHILOSOPHY OF LAW PHIL 332 3 CREDITS
 Prereq: PHIL 201 OR PHIL 230
 Note: Instructor permission required 1st week.
 5836005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

SOC & POLITICAL PHIL PHIL 335 3 CREDITS
 Prereq: PHIL 201 OR PHIL 230
 5837005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

PHIL OF TECHNOLOGY PHIL 343 3 CREDITS
 Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
 AND 3 CREDITS OF SOCIAL SCIENCE
 7343005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 7343010 B MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 7343015 C TR 9:30-10:50
 MEETS: JAN 14-MAY 10

PHILOS OF RELIGION PHIL 350 3 CREDITS
 Prereq: 6 CREDITS IN PHILOSOPHY
 5839005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10

BUDDHIST PHILOSOPHY PHIL 353 3 CREDITS
 Prereq: PHIL 201 OR PHIL 230
 Note: Meets international perspectives reqmt
 9903005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

VALUE THEORY PHIL 430 3 CREDITS
 Prereq: PHIL 230
 5842005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

TOPICS EPISTEMOLOGY PHIL 466 3 CREDITS
 Prereq: 6 CR IN PHILOSOPHY
 Note: Instructor permission required 1st week.
 5844005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5850005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5851005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOP VALUE THRY PHIL 590C 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 Note: Instructor permission required.
 5852005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5853005 ARRANGED
 MEETS: JAN 14-MAY 10

PHYSICS

INTRO PHYSICS PREP PHYS 50 0 CREDITS
 Prereq: 1 YEAR HIGH SCHOOL ALGEBRA
 1282005 1 TR 3:40-5:00
 WF 4:10-5:00
 MEETS: MARCH 11-MAY 10
 1282010 2 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

PHYS FOR NON-SCIENT PHYS 101 3 CREDITS
 5855005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

PHYSCL SC FOR EL ED PHYS 102L 3 CREDITS
 Prereq: MATH 195 OR MATH 140
 8651005 1 M 3:10-4:00
 TR 10:00-11:50
 MEETS: JAN 14-MAY 10
 8651010 2 M 3:10-4:00
 TR 12:10-2:00
 MEETS: JAN 14-MAY 10
 8651015 3 M 3:10-4:00
 TR 2:10-4:00
 MEETS: JAN 14-MAY 10
 8651020 4 M 3:10-4:00
 TR 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 8651025 5 M 3:10-4:00
 WF 8:00-9:50
 MEETS: JAN 14-MAY 10
 8651030 6 M 3:10-4:00
 WF 10:00-11:50
 MEETS: JAN 14-MAY 10
 8651035 7 M 3:10-4:00
 WF 12:10-2:00
 MEETS: JAN 14-MAY 10
 8651040 8 M 3:10-4:00
 WF 2:10-4:00
 MEETS: JAN 14-MAY 10

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 SHOULD DROP
 THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

5857005 1 TR 9:30-10:50
 F 8:00-8:50
 MEETS: JAN 14-MAY 10
 5857010 2 TR 9:30-10:50
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 5857015 3 TR 9:30-10:50
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 5857020 4 TR 9:30-10:50
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 5857025 5 TR 9:30-10:50
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 5857030 6 TR 9:30-10:50
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 5857035 7 TR 9:30-10:50
 F 2:10-3:00
 MEETS: JAN 14-MAY 10
 5857040 8 TR 9:30-10:50
 F 3:10-4:00
 MEETS: JAN 14-MAY 10
 5857045 9 TR 9:30-10:50
 F 4:10-5:00
 MEETS: JAN 14-MAY 10
 5857041 10 TR 11:00-12:20
 F 9:00-9:50
 MEETS: JAN 14-MAY 10
 5857046 11 TR 11:00-12:20
 F 10:00-10:50
 MEETS: JAN 14-MAY 10
 5857047 12 TR 11:00-12:20
 F 11:00-11:50
 MEETS: JAN 14-MAY 10
 5857048 13 TR 11:00-12:20
 F 12:10-1:00
 MEETS: JAN 14-MAY 10
 5857049 14 TR 11:00-12:20
 F 1:10-2:00
 MEETS: JAN 14-MAY 10
 5857050 15 TR 11:00-12:20
 F 2:10-3:00
 MEETS: JAN 14-MAY 10
 5857051 16 TR 11:00-12:20
 F 3:10-4:00
 MEETS: JAN 14-MAY 10
 5857052 17 TR 11:00-12:20
 F 4:10-5:00
 MEETS: JAN 14-MAY 10
 5857054 A M 8:00-9:50
 MEETS: JAN 14-MAY 10
 5857055 B M 10:00-11:50
 MEETS: JAN 14-MAY 10
 5857060 C M 12:10-2:00
 MEETS: JAN 14-MAY 10
 5857065 D M 2:10-4:00
 MEETS: JAN 14-MAY 10
 5857070 E M 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 5857075 F T 9:00-10:50
 MEETS: JAN 14-MAY 10
 5857080 G T 12:10-2:00
 MEETS: JAN 14-MAY 10

PHYSICS

(CONTINUED)

GENERAL PHYSICS		PHYS 111	5 CREDITS
5857085	H T	2:10-4:00	
		MEETS: JAN 14-MAY 10	
5857090	J T	4:10-6:00PM	
		MEETS: JAN 14-MAY 10	
5857095	K W	8:00-9:50	
		MEETS: JAN 14-MAY 10	
5857100	L W	10:00-11:50	
		MEETS: JAN 14-MAY 10	
5857084	M W	12:10-2:00	
		MEETS: JAN 14-MAY 10	
5857105	N W	2:10-4:00	
		MEETS: JAN 14-MAY 10	
5857110	P W	4:10-6:00PM	
		MEETS: JAN 14-MAY 10	
5857115	Q R	9:00-10:50	
		MEETS: JAN 14-MAY 10	
5857120	R R	12:10-2:00	
		MEETS: JAN 14-MAY 10	
5857125	T R	2:10-4:00	
		MEETS: JAN 14-MAY 10	
5857130	U R	4:10-6:00PM	
		MEETS: JAN 14-MAY 10	
5857135	V R	6:10-8:00PM	
		MEETS: JAN 14-MAY 10	
5857140	X M	6:10-8:00PM	
		MEETS: JAN 14-MAY 10	
5857145	Y W	6:10-8:00PM	
		MEETS: JAN 14-MAY 10	
5857300	LW	ARRANGED	
		MEETS: JAN 14-MAY 10	

Note: SEC LW IS THE LAB WAIVER SECTION. FOR STUDENTS WHO HAVE ALREADY COMPLETED THIS COURSE'S LABS IN THE PAST. STUDENTS MUST APPLY FOR LAB WAIVER ON BLACKBOARD IN 1ST WEEK OF CLASSES

GENERAL PHYSICS		PHYS 112	5 CREDITS
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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 SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

5858005	1	MWF 12:10-1:00 R 8:00-8:50	
		MEETS: JAN 14-MAY 10	
5858010	2	MWF 12:10-1:00 R 9:00-9:50	
		MEETS: JAN 14-MAY 10	
5858015	3	MWF 12:10-1:00 R 10:00-10:50	
		MEETS: JAN 14-MAY 10	
5858020	4	MWF 12:10-1:00 R 11:00-11:50	
		MEETS: JAN 14-MAY 10	
5858025	5	MWF 12:10-1:00 R 12:10-1:00	
		MEETS: JAN 14-MAY 10	
5858030	6	MWF 12:10-1:00 R 1:10-2:00	
		MEETS: JAN 14-MAY 10	
5858035	7	MWF 12:10-1:00 R 2:10-3:00	
		MEETS: JAN 14-MAY 10	
5858038	8	MWF 12:10-1:00 R 3:10-4:00	
		MEETS: JAN 14-MAY 10	
5858039	9	MWF 12:10-1:00 R 4:10-5:00	
		MEETS: JAN 14-MAY 10	
5858042	A	T 8:00-9:50	
		MEETS: JAN 14-MAY 10	
5858045	B	T 10:00-11:50	
		MEETS: JAN 14-MAY 10	
5858050	C	T 12:10-2:00	
		MEETS: JAN 14-MAY 10	
5858055	D	T 2:10-4:00	
		MEETS: JAN 14-MAY 10	
5858060	E	T 4:10-6:00PM	
		MEETS: JAN 14-MAY 10	
5858065	F	W 8:00-9:50	
		MEETS: JAN 14-MAY 10	
5858070	G	W 10:00-11:50	
		MEETS: JAN 14-MAY 10	
5858075	H	W 2:10-4:00	
		MEETS: JAN 14-MAY 10	
5858080	J	W 4:10-6:00PM	
		MEETS: JAN 14-MAY 10	
5858085	K	T 6:10-8:00PM	
		MEETS: JAN 14-MAY 10	
5858090	L	W 6:10-8:00PM	
		MEETS: JAN 14-MAY 10	
5858095	M	R 8:00-9:50	
		MEETS: JAN 14-MAY 10	
5858500	LW	ARRANGED	
		MEETS: JAN 14-MAY 10	

Note: SEC LW IS THE LAB WAIVER SECTION. FOR STUDENTS WHO HAVE ALREADY COMPLETED THIS COURSE'S LABS IN THE PAST. STUDENTS MUST APPLY FOR LAB WAIVER ON BLACKBOARD IN 1ST WEEK OF CLASSES

PHYSICS

(CONTINUED)

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	TR 2:10-3:30 W 8:00-8:50	
		MEETS: JAN 14-MAY 10	
9212010	2	TR 2:10-3:30 W 9:00-9:50	
		MEETS: JAN 14-MAY 10	
9212015	3	TR 2:10-3:30 W 10:00-10:50	
		MEETS: JAN 14-MAY 10	
9212020	4	TR 2:10-3:30 W 11:00-11:50	
		MEETS: JAN 14-MAY 10	
9212025	5	TR 2:10-3:30 W 12:10-1:00	
		MEETS: JAN 14-MAY 10	
9212030	6	TR 2:10-3:30 W 1:10-2:00	
		MEETS: JAN 14-MAY 10	
9212035	7	TR 2:10-3:30 W 2:10-3:00	
		MEETS: JAN 14-MAY 10	
9212040	8	TR 2:10-3:30 W 3:10-4:00	
		MEETS: JAN 14-MAY 10	

LAB PHYS FOR LF SCI		PHYS 115L	1 CREDIT
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9252005	A	T 8:00-9:50	
		MEETS: JAN 14-MAY 10	
9252010	B	T 10:00-11:50	
		MEETS: JAN 14-MAY 10	
9252015	C	T 12:10-2:00	
		MEETS: JAN 14-MAY 10	
9252020	D	T 4:10-6:00PM	
		MEETS: JAN 14-MAY 10	
9252025	E	W 10:00-11:50	
		MEETS: JAN 14-MAY 10	

Note: SEC E DO NOT ENROLL IN RECITATION SEC 3 OR 4 IN PHYS 115 BECAUSE THEY CONFLICT WITH THIS LAB

INTR CLASSCL PHYS I		PHYS 221	5 CREDITS
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Prereq: CREDIT OR ENROLLMENT IN MATH 166
 Note: 2-PART COURSE. ALL STUDENTS MUST REGISTER FOR NUMBERED SEC (LECTURE/DICUSSION) AND LETTERED SEC. (LAB). STUDENTS WHO ARE REPEATING PHYS 211 SHOULD REGISTER FOR THE LW (LAB WAIVER) SECTION.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

5861005	1	MWF 8:00-8:50 TR 8:00-8:50	
		MEETS: JAN 14-MAY 10	
5861010	2	MWF 8:00-8:50 TR 9:00-9:50	
		MEETS: JAN 14-MAY 10	
5861015	3	MWF 8:00-8:50 TR 10:00-10:50	
		MEETS: JAN 14-MAY 10	
5861020	4	MWF 8:00-8:50 TR 11:00-11:50	
		MEETS: JAN 14-MAY 10	
5861025	5	MWF 8:00-8:50 TR 12:10-1:00	
		MEETS: JAN 14-MAY 10	
5861030	6	MWF 8:00-8:50 TR 1:10-2:00	
		MEETS: JAN 14-MAY 10	
5861035	7	MWF 8:00-8:50 TR 2:10-3:00	
		MEETS: JAN 14-MAY 10	
5861040	8	MWF 8:00-8:50 TR 3:10-4:00	
		MEETS: JAN 14-MAY 10	
5861045	9	MWF 8:00-8:50 TR 4:10-5:00	
		MEETS: JAN 14-MAY 10	
5861050	10	MWF 9:00-9:50 TR 8:00-8:50	
		MEETS: JAN 14-MAY 10	
5861055	11	MWF 9:00-9:50 TR 9:00-9:50	
		MEETS: JAN 14-MAY 10	
5861060	12	MWF 9:00-9:50 TR 10:00-10:50	
		MEETS: JAN 14-MAY 10	
5861065	13	MWF 9:00-9:50 TR 11:00-11:50	
		MEETS: JAN 14-MAY 10	

Note: SEC 13 RESTRICTED TO PHYSICS MAJORS ONLY

5861070	14	MWF 9:00-9:50 TR 12:10-1:00	
		MEETS: JAN 14-MAY 10	
5861075	15	MWF 9:00-9:50 TR 1:10-2:00	
		MEETS: JAN 14-MAY 10	
5861080	16	MWF 9:00-9:50 TR 2:10-3:00	
		MEETS: JAN 14-MAY 10	
5861085	17	MWF 9:00-9:50 TR 3:10-4:00	
		MEETS: JAN 14-MAY 10	

PHYSICS

(CONTINUED)

INTR	CLASS	SCL	PHYS I	PHYS	221	5 CREDITS
5861087	18		MWF 9:00-9:50			
			TR 4:10-5:00			
5861088	19		MEETS: JAN 14-MAY 10			
			MWF 10:00-10:50			
			TR 8:00-8:50			
5861090	20		MEETS: JAN 14-MAY 10			
			MWF 10:00-10:50			
			TR 9:00-9:50			
5861095	21		MEETS: JAN 14-MAY 10			
			MWF 10:00-10:50			
			TR 10:00-10:50			
5861100	22		MEETS: JAN 14-MAY 10			
			MWF 10:00-10:50			
			TR 11:00-11:50			
5861105	23		MEETS: JAN 14-MAY 10			
			MWF 10:00-10:50			
			TR 12:10-1:00			
5861110	24		MEETS: JAN 14-MAY 10			
			MWF 10:00-10:50			
			TR 1:10-2:00			
			MEETS: JAN 14-MAY 10			
5861115	25		Note: SEC 24 RESTRICTED TO PHYSICS MAJORS ONLY			
			MWF 10:00-10:50			
			TR 2:10-3:00			
			MEETS: JAN 14-MAY 10			
5861120	26		MEETS: JAN 14-MAY 10			
			MWF 10:00-10:50			
			TR 3:10-4:00			
			MEETS: JAN 14-MAY 10			
5861125	27		MEETS: JAN 14-MAY 10			
			MWF 10:00-10:50			
			TR 4:10-5:00			
5861130	28		MEETS: JAN 14-MAY 10			
			MWF 3:10-4:00			
			TR 8:00-8:50			
			MEETS: JAN 14-MAY 10			
5861135	29		MEETS: JAN 14-MAY 10			
			MWF 3:10-4:00			
			TR 9:00-9:50			
			MEETS: JAN 14-MAY 10			
5861140	30		MEETS: JAN 14-MAY 10			
			MWF 3:10-4:00			
			TR 10:00-10:50			
			MEETS: JAN 14-MAY 10			
5861145	31		Note: SEC 30 RESTRICTED TO PHYS MAJORS ONLY			
			MWF 3:10-4:00			
			TR 11:00-11:50			
			MEETS: JAN 14-MAY 10			
5861150	32		MEETS: JAN 14-MAY 10			
			MWF 3:10-4:00			
			TR 12:10-1:00			
			MEETS: JAN 14-MAY 10			
5861155	33		MEETS: JAN 14-MAY 10			
			MWF 3:10-4:00			
			TR 1:10-2:00			
			MEETS: JAN 14-MAY 10			
5861160	34		MEETS: JAN 14-MAY 10			
			MWF 3:10-4:00			
			TR 2:10-3:00			
			MEETS: JAN 14-MAY 10			
5861165	35		MEETS: JAN 14-MAY 10			
			MWF 3:10-4:00			
			TR 3:10-4:00			
			MEETS: JAN 14-MAY 10			
5861170	36		MEETS: JAN 14-MAY 10			
			MWF 3:10-4:00			
			TR 4:10-5:00			
			MEETS: JAN 14-MAY 10			
5861175	37		MEETS: JAN 14-MAY 10			
			MWF 3:10-4:00			
			TR 5:10-6:00PM			
			MEETS: JAN 14-MAY 10			
5861180	38		MEETS: JAN 14-MAY 10			
			MWF 11:00-11:50			
			TR 8:00-8:50			
			MEETS: JAN 14-MAY 10			
5861185	39		MEETS: JAN 14-MAY 10			
			MWF 11:00-11:50			
			TR 9:00-9:50			
			MEETS: JAN 14-MAY 10			
5861190	40		MEETS: JAN 14-MAY 10			
			MWF 11:00-11:50			
			ARRANGED			
			MEETS: JAN 14-MAY 10			
5861195	41		MEETS: JAN 14-MAY 10			
			MWF 11:00-11:50			
			TR 11:00-11:50			
			MEETS: JAN 14-MAY 10			
5861500	42		MEETS: JAN 14-MAY 10			
			MWF 11:00-11:50			
			TR 12:10-1:00			
			MEETS: JAN 14-MAY 10			
5861505	43		Note: SEC 42 RESTRICTED TO PHYS MAJORS ONLY			
			MWF 11:00-11:50			
			TR 1:10-2:00			
			MEETS: JAN 14-MAY 10			
5861510	44		MEETS: JAN 14-MAY 10			
			MWF 11:00-11:50			
			TR 2:10-3:00			
			MEETS: JAN 14-MAY 10			
5861515	45		MEETS: JAN 14-MAY 10			
			MWF 11:00-11:50			
			TR 3:10-4:00			
			MEETS: JAN 14-MAY 10			
5861520	46		MEETS: JAN 14-MAY 10			
			MWF 11:00-11:50			
			TR 4:10-5:00			
			MEETS: JAN 14-MAY 10			
5861525	47		MEETS: JAN 14-MAY 10			
			MWF 11:00-11:50			
			TR 5:10-6:00PM			
			MEETS: JAN 14-MAY 10			
5861550	51		MEETS: JAN 14-MAY 10			
			MWF 4:10-5:00			
			TR 8:00-8:50			
			MEETS: JAN 14-MAY 10			
5861555	52		MEETS: JAN 14-MAY 10			
			MWF 4:10-5:00			
			TR 9:00-9:50			
			MEETS: JAN 14-MAY 10			
5861560	53		MEETS: JAN 14-MAY 10			
			MWF 4:10-5:00			
			TR 11:00-11:50			
			MEETS: JAN 14-MAY 10			
5861565	54		MEETS: JAN 14-MAY 10			
			MWF 4:10-5:00			
			TR 12:10-1:00			
			MEETS: JAN 14-MAY 10			

PHYSICS

(CONTINUED)

INTR	CLASS	SCL	PHYS I	PHYS	221	5 CREDITS
5861570	55		MWF 4:10-5:00			
			TR 1:10-2:00			
			MEETS: JAN 14-MAY 10			
5861575	56		MEETS: JAN 14-MAY 10			
			MWF 4:10-5:00			
			TR 2:10-3:00			
5861580	57		MEETS: JAN 14-MAY 10			
			MWF 4:10-5:00			
			TR 3:10-4:00			
5861588	58		MEETS: JAN 14-MAY 10			
			MWF 4:10-5:00			
			TR 4:10-5:00			
5861589	59		MEETS: JAN 14-MAY 10			
			MWF 4:10-5:00			
			TR 2:10-3:00			
			MEETS: JAN 14-MAY 10			
5861200	A	M	8:00-9:50			
			MEETS: JAN 14-MAY 10			
5861205	B	M	10:00-11:50			
			MEETS: JAN 14-MAY 10			
5861210	C	M	12:10-2:00			
			MEETS: JAN 14-MAY 10			
5861215	D	M	2:10-4:00			
			MEETS: JAN 14-MAY 10			
5861220	E	M	4:10-6:00PM			
			MEETS: JAN 14-MAY 10			
5861225	F	T	8:00-9:50			
			MEETS: JAN 14-MAY 10			
5861230	G	T	10:00-11:50			
			MEETS: JAN 14-MAY 10			
5861235	J	T	12:10-2:00			Note: SEC G RESTRICTED TO PHYSICS MAJORS ONLY
			MEETS: JAN 14-MAY 10			
5861240	K	T	2:10-4:00			
			MEETS: JAN 14-MAY 10			
5861245	L	T	4:10-6:00PM			Note: SEC K RESTRICTED TO PHYSICS MAJORS ONLY
			MEETS: JAN 14-MAY 10			
5861250	M	W	8:00-9:50			
			MEETS: JAN 14-MAY 10			
5861255	N	W	10:00-11:50			
			MEETS: JAN 14-MAY 10			
5861260	P	W	12:10-2:00			Note: SEC N RESTRICTED TO PHYSICS MAJORS ONLY
			MEETS: JAN 14-MAY 10			
5861265	Q	W	2:10-4:00			
			MEETS: JAN 14-MAY 10			
5861270	R	W	4:10-6:00PM			
			MEETS: JAN 14-MAY 10			
5861275	T	W	8:00-9:50			
			MEETS: JAN 14-MAY 10			
5861280	U	W	10:00-11:50			
			MEETS: JAN 14-MAY 10			
5861285	V	W	12:10-2:00			
			MEETS: JAN 14-MAY 10			
5861290	W	W	2:10-4:00			
			MEETS: JAN 14-MAY 10			
5861300	X	W	4:10-6:00PM			
			MEETS: JAN 14-MAY 10			
5861305	Y	T	8:00-9:50			
			MEETS: JAN 14-MAY 10			
5861310	Z	T	10:00-11:50			
			MEETS: JAN 14-MAY 10			
5861315	AA	T	12:10-2:00			
			MEETS: JAN 14-MAY 10			
5861425	AB	W	12:10-2:00			
			MEETS: JAN 14-MAY 10			
5861430	AC	W	2:10-4:00			
			MEETS: JAN 14-MAY 10			
5861435	AD	W	4:10-6:00PM			
			MEETS: JAN 14-MAY 10			
5861440	AE	T	8:00-9:50			
			MEETS: JAN 14-MAY 10			
5861445	AF	T	10:00-11:50			
			MEETS: JAN 14-MAY 10			
5861600	AG	T	12:10-2:00			Note: SEC AF RESTRICTED TO PHYS MAJORS ONLY
			MEETS: JAN 14-MAY 10			
5861605	AH	T	2:10-4:00			
			MEETS: JAN 14-MAY 10			
5861610	AJ	T	4:10-6:00PM			Note: SEC AH RESTRICTED TO PHYS MAJORS ONLY
			MEETS: JAN 14-MAY 10			
5861615	AK	T	6:10-8:00PM			
			MEETS: JAN 14-MAY 10			
5861616	AL	T	6:10-8:00PM			
			MEETS: JAN 14-MAY 10			
5861617	AM	W	6:10-8:00PM			
			MEETS: JAN 14-MAY 10			
5861618	AN	T	6:10-8:00PM			
			MEETS: JAN 14-MAY 10			
5861619	AP	W	6:10-8:00PM			
			MEETS: JAN 14-MAY 10			
5861621	AQ	W	6:10-8:00PM			
			MEETS: JAN 14-MAY 10			
5861622	AR	M	6:10-8:00PM			
			MEETS: JAN 14-MAY 10			
5861320	AS	T	2:10-4:00			
			MEETS: JAN 14-MAY 10			
5861325	AT	T	4:10-6:00PM			
			MEETS: JAN 14-MAY 10			
5861330	AU	R	8:00-9:50			
			MEETS: JAN 14-MAY 10			
			Note: SEC AU DO NOT ENROLL IN A TUES/THURS DIS. THAT MEETS AT THE SAME TIME AS THE THURS. LAB			

PHYSICS

(CONTINUED)

INTR CLASSCL PHYS I PHYS 221 5 CREDITS
 5861335 AV R 10:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC AV DO NOT ENROLL IN A TUES/THURS DIS.
 THAT MEETS AT THE SAME TIME AS THE THURS. LAB
 5861340 AX R 12:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC AX DO NOT ENROLL IN A TUES/THURS DIS.
 THAT MEETS AT THE SAME TIME AS THE THURS. LAB
 5861345 AY R 2:10-4:00
 MEETS: JAN 14-MAY 10
 Note: SEC AY DO NOT ENROLL IN A TUES/THURS DIS.
 THAT MEETS AT THE SAME TIME AS THE THURS. LAB
 5861350 AZ R 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC AZ DO NOT ENROLL IN A TUES/THURS DIS.
 THAT MEETS AT THE SAME TIME AS THE THURS. LAB
 5861360 BA F 8:00-9:50
 MEETS: JAN 14-MAY 10
 5861365 BB F 10:00-11:50
 MEETS: JAN 14-MAY 10
 5861370 BC F 12:10-2:00
 MEETS: JAN 14-MAY 10
 5861375 BD F 2:10-4:00
 MEETS: JAN 14-MAY 10
 5861380 BE F 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 5861385 BF F 8:00-9:50
 MEETS: JAN 14-MAY 10
 5861390 BG F 10:00-11:50
 MEETS: JAN 14-MAY 10
 5861395 BH F 12:10-2:00
 MEETS: JAN 14-MAY 10
 5861400 BJ F 2:10-4:00
 MEETS: JAN 14-MAY 10
 5861405 BK F 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 5861410 BL W 8:00-9:50
 MEETS: JAN 14-MAY 10
 5861415 BM W 10:00-11:50
 MEETS: JAN 14-MAY 10
 5861355 LW ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC LW IS ONLY FOR STUDENTS WHO HAVE
 SUCCESSFULLY COMPLETED PHYS 221 LABS. STUDENTS IN
 THE LW SECT MUST APPLY FOR LAB WAIVER ON BLACKBOARD
 IN THE 1ST WEEK OF CLASSES

HONORS-CLASSIC PH I PHYS 221H 5 CREDITS
 Prereq: PROFICIENCY IN ALGEBRA, TRIGONOMETRY,
 VECTOR MANIPULATION, AND TOPICS COVERED IN MATH 165.
 CREDIT OR ENROLLMENT IN 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 SHOULD DROP
 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](http://www.registrar.iastate.edu/students/exams/night-exams).
 5862005 H1 MWF 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 14-MAY 10
 5862010 H2 MWF 9:00-9:50
 TR 11:00-11:50
 MEETS: JAN 14-MAY 10
 5862015 H3 MWF 10:00-10:50
 TR 1:10-2:00
 MEETS: JAN 14-MAY 10
 5862020 H4 MWF 3:10-4:00
 TR 10:00-10:50
 MEETS: JAN 14-MAY 10
 5862025 H5 MWF 11:00-11:50
 TR 12:10-1:00
 MEETS: JAN 14-MAY 10
 5862050 HA T 2:10-4:00
 MEETS: JAN 14-MAY 10
 5862055 HB W 10:00-11:50
 MEETS: JAN 14-MAY 10
 5862060 HC T 10:00-11:50
 MEETS: JAN 14-MAY 10
 5862065 HD T 10:00-11:50
 MEETS: JAN 14-MAY 10
 5862070 HE T 2:10-4:00
 MEETS: JAN 14-MAY 10
 5862075 HF T 4:10-6:00PM
 MEETS: JAN 14-MAY 10

INTR CLASSC PHYS II PHYS 222 5 CREDITS
 Prereq: PHYS 221 OR PHYS 241, 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 SHOULD
 DROP. 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](http://www.registrar.iastate.edu/students/exams/night-exams).
 5863005 1 MWF 1:10-2:00
 T 8:00-8:50
 MEETS: JAN 14-MAY 10
 5863010 2 MWF 1:10-2:00
 T 9:00-9:50
 MEETS: JAN 14-MAY 10

PHYSICS

(CONTINUED)

INTR CLASSC PHYS II PHYS 222 5 CREDITS
 5863015 3 MWF 1:10-2:00
 T 10:00-10:50
 MEETS: JAN 14-MAY 10
 5863020 4 MWF 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 14-MAY 10
 5863025 5 MWF 1:10-2:00
 T 12:10-1:00
 MEETS: JAN 14-MAY 10
 5863030 6 MWF 1:10-2:00
 T 1:10-2:00
 MEETS: JAN 14-MAY 10
 5863035 7 MWF 1:10-2:00
 T 2:10-3:00
 MEETS: JAN 14-MAY 10
 5863036 8 MWF 1:10-2:00
 T 3:10-4:00
 MEETS: JAN 14-MAY 10
 5863037 9 MWF 1:10-2:00
 T 4:10-5:00
 MEETS: JAN 14-MAY 10
 5863040 10 MWF 2:10-3:00
 T 8:00-8:50
 MEETS: JAN 14-MAY 10
 5863045 11 MWF 2:10-3:00
 T 9:00-9:50
 MEETS: JAN 14-MAY 10
 5863050 12 MWF 2:10-3:00
 T 10:00-10:50
 MEETS: JAN 14-MAY 10
 5863055 13 MWF 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 14-MAY 10
 5863060 14 MWF 2:10-3:00
 T 12:10-1:00
 MEETS: JAN 14-MAY 10
 5863065 15 MWF 2:10-3:00
 T 1:10-2:00
 MEETS: JAN 14-MAY 10
 5863090 16 MWF 2:10-3:00
 T 2:10-3:00
 MEETS: JAN 14-MAY 10
 5863095 17 MWF 2:10-3:00
 T 3:10-4:00
 MEETS: JAN 14-MAY 10
 Note: SEC 17 RESTRICTED TO PHYSICS MAJORS ONLY
 5863100 18 MWF 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 14-MAY 10
 5863200 A T 8:00-9:50
 MEETS: JAN 14-MAY 10
 5863205 B T 10:00-11:50
 MEETS: JAN 14-MAY 10
 5863215 C T 12:10-2:00
 MEETS: JAN 14-MAY 10
 5863220 D T 2:10-4:00
 MEETS: JAN 14-MAY 10
 5863225 E T 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 5863230 F W 8:00-9:50
 MEETS: JAN 14-MAY 10
 5863235 G W 10:00-11:50
 MEETS: JAN 14-MAY 10
 5863240 J W 12:10-2:00
 MEETS: JAN 14-MAY 10
 5863245 K W 2:10-4:00
 MEETS: JAN 14-MAY 10
 5863250 L W 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 5863255 M R 8:00-9:50
 MEETS: JAN 14-MAY 10
 5863260 N R 10:00-11:50
 MEETS: JAN 14-MAY 10
 5863265 P R 12:10-2:00
 MEETS: JAN 14-MAY 10
 5863270 Q R 2:10-4:00
 MEETS: JAN 14-MAY 10
 Note: SEC Q RESTRICTED TO PHYSICS MAJORS ONLY
 5863275 R R 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 5863280 T R 8:00-9:50
 MEETS: JAN 14-MAY 10
 5863285 U R 10:00-11:50
 MEETS: JAN 14-MAY 10
 5863290 V R 12:10-2:00
 MEETS: JAN 14-MAY 10
 5863295 W R 2:10-4:00
 MEETS: JAN 14-MAY 10
 5863305 Y F 8:00-9:50
 MEETS: JAN 14-MAY 10
 5863310 Z F 10:00-11:50
 MEETS: JAN 14-MAY 10
 5863345 LW ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC LW IS ONLY FOR STUDENTS WHO HAVE
 SUCCESSFULLY COMPLETED PHYS 222 LABS. STUDENTS IN
 THE LW SECT MUST APPLY FOR LAB WAIVER ON BLACKBOARD
 IN THE 1ST WEEK OF CLASSES

PHYSICS

(CONTINUED)

PHYSICS

(CONTINUED)

HONORS-CLASS PHY II PHYS 222H 5 CREDITS
 Prereq: PHYS 221 OR PHYS 241, 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 SHOULD DROP
 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 H1 MWF 2:10-3:00
 T 3:10-4:00
 MEETS: JAN 14-MAY 10

5864050 HA R 2:10-4:00
 MEETS: JAN 14-MAY 10

PRIN&SYMM CLS PH II PHYS 242 5 CREDITS
 Prereq: PHYS 221 OR PHYS 241, CREDIT OR
 ENROLLMENT IN MATH 166

6011005 1 MWF 11:00-11:50
 T 11:00-11:50
 MEETS: JAN 14-MAY 10

6011010 2 MWF 11:00-11:50
 T 1:10-2:00
 MEETS: JAN 14-MAY 10

6011050 A R 4:10-6:00PM
 MEETS: JAN 14-MAY 10

6011055 B F 12:10-2:00
 MEETS: JAN 14-MAY 10

6011060 C F 2:10-4:00
 MEETS: JAN 14-MAY 10

PRIN&SYMM CLS PH II PHYS 242H 5 CREDITS
 Prereq: PHYS 221 OR PHYS 241, CREDIT OR
 ENROLLMENT IN MATH 166; MEMBERSHIP IN UNIVERSITY
 HONORS PROGRAM

9405005 1 MWF 11:00-11:50
 T 11:00-11:50
 MEETS: JAN 14-MAY 10

9405010 2 MWF 11:00-11:50
 T 1:10-2:00
 MEETS: JAN 14-MAY 10

9405050 A R 4:10-6:00PM
 MEETS: JAN 14-MAY 10

9405055 B F 12:10-2:00
 MEETS: JAN 14-MAY 10

9405060 C F 2:10-4:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

THERMAL PHYSICS PHYS 304 3 CREDITS
 Prereq: PHYS 222, MATH 266

5870005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

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 14-MAY 10

INTERMEDIATE LAB PHYS 311 1- 2 CREDITS
 Prereq: PHYS 322

5872005 1 MW 3:10-6:00PM
 MEETS: JAN 14-MAY 10

5872010 2 TR 3:10-6:00PM
 MEETS: JAN 14-MAY 10

INTMED LAB FOR TCHR PHYS 311T 3 CREDITS
 Prereq: PHYS 112 OR PHYS 222

5873005 R 6:10-8:00PM
 ARRANGED
 MEETS: JAN 14-MAY 10

INTR MODERN PHYS II PHYS 322 3 CREDITS
 Prereq: PHYS 321

5876005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

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 14-MAY 10

5877010 2 T 2:10-4:00
 MEETS: JAN 14-MAY 10

5877015 3 W 2:10-4:00
 MEETS: JAN 14-MAY 10

5877020 4 R 2:10-4:00
 MEETS: JAN 14-MAY 10

5877025 5 T 4:10-6:00PM
 MEETS: JAN 14-MAY 10

5877030 6 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10

CLASSICAL MECHANICS PHYS 361 3 CREDITS
 Prereq: PHYS 222, MATH 265, CREDIT OR
 ENROLLMENT IN MATH 266 OR MATH 267

5880005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ELECT& MAGNETISM II PHYS 365 3 CREDITS
 Prereq: PHYS 364, MATH 385

5883005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

JUNIOR SEMINAR PHYS 389 R CREDIT
 Satisfactory-Fail Only.

3647005 F 9:00-9:50
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUCATN PHYS 398 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION

4745005 ARRANGED
 MEETS: JAN 14-MAY 10

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

5886005 ARRANGED
 MEETS: JAN 14-MAY 10

MOLCLR&CELL BIOPHYS PHYS 432 3 CREDITS
 Prereq: PHYS 304 OR CHEM 325

8704005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

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 14-MAY 10

QUANTUM MECHANCS II PHYS 481 3 CREDITS
 Prereq: PHYS 480

5891005 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY PHYS 490 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHYS 490H 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MODERN OPTICS PHYS 496 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN PHYS 322, PHYS
 365, PHYS 480

5884005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

CONDENSED MATTER II PHYS 512 3 CREDITS
 Prereq: PHYS 511

5897005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

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 14-MAY 10

MOLCLR&CELL BIOPHYS PHYS 532 3 CREDITS
 Prereq: PHYS 304 OR CHEM 325

8708005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

PHYS SEMICOND DEVIC PHYS 536 3 CREDITS
 Prereq: E E 535

5904005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

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 14-MAY 10

PHYSICS (CONTINUED)

ADV CLASSICL MECHAN PHYS 564 3 CREDITS
 Prereq: PHYS 362, MATH 426, MATH 465
 5907005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ADV ELECT&MAGNET II PHYS 572 3 CREDITS
 Prereq: PHYS 571
 5909005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

SPCL TOPICS NUCLEAR PHYS 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5910005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOP COND MATTER PHYS 590B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS
 5911005 1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

SPL TOP HIGH ENERGY PHYS 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5912005 ARRANGED
 MEETS: JAN 14-MAY 10

SPCL TOPICS PHYSICS PHYS 590D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5913005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOPCS APPL PHYS PHYS 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5914005 ARRANGED
 MEETS: JAN 14-MAY 10

QUANTUM PHYSICS II PHYS 592 4 CREDITS
 Prereq: PHYS 591
 5916005 MF 10:00-10:50
 W 9:00-10:50
 MEETS: JAN 14-MAY 10

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 14-MAY 10

ADV NUCLEAR PHYSICS PHYS 624 3 CREDITS
 Prereq: PHYS 526, PHYS 592
 3143005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

PH STRONG INTERACTN PHYS 625 3 CREDITS
 Prereq: PHYS 681
 3150005 ARRANGED
 MEETS: JAN 14-MAY 10

ELEM PARTICLE PH II PHYS 638 3 CREDITS
 Prereq: PHYS 637
 5922005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

MATH MODEL PHYSC SY PHYS 646 3 CREDITS
 9102005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

ADV SEMINAR NUCLEAR PHYS 650A 1 CREDIT
 Satisfactory-Fail Only.
 5923005 R 4:10-5:00
 MEETS: JAN 14-MAY 10

ADV SEM COND MATTER PHYS 650B 1 CREDIT
 Satisfactory-Fail Only.
 5924005 R 4:10-6:00PM
 MEETS: JAN 14-MAY 10

ADV SEM HIGH ENERGY PHYS 650C 1 CREDIT
 Satisfactory-Fail Only.
 5925005 W 4:10-5:00
 MEETS: JAN 14-MAY 10

ADV SEMINAR PHYSICS PHYS 650D 1 CREDIT
 Satisfactory-Fail Only.
 5926005 F 12:10-1:00
 MEETS: JAN 14-MAY 10

ADV SEMINAR APPLIED PHYS 650E 1 CREDIT
 Satisfactory-Fail Only.
 5927005 M 4:10-6:00PM
 MEETS: JAN 14-MAY 10

PHYSICS (CONTINUED)

ADV TOP COND MATTER PHYS 660B 1- 3 CREDITS
 5929005 ARRANGED
 MEETS: JAN 14-MAY 10

ADV TOP HIGH ENERGY PHYS 660C 1- 3 CREDITS
 5930005 ARRANGED
 MEETS: JAN 14-MAY 10

ADV TOPICS PHYSICS PHYS 660D 1- 3 CREDITS
 5931005 ARRANGED
 MEETS: JAN 14-MAY 10

ADV TOPICS APPLIED PHYS 660E 1- 3 CREDITS
 5932005 ARRANGED
 MEETS: JAN 14-MAY 10

QUANTUM FLD THRY II PHYS 682 3 CREDITS
 Prereq: PHYS 681
 5936005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

RESEARCH PHYS 699 VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION REQUIRED
 ***** SEE DEPT FOR REFERENCE NUMBERS

PLANT BIOLOGY

RESEARCH SEMINAR PLBIO 696 1 CREDIT
 Satisfactory-Fail Only.
 8828005 1 W 4:10-5:30
 MEETS: JAN 14-MAY 10

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
 R 12:10-2:00
 MEETS: JAN 14-MAY 10

3898010 2 MW 11:00-11:50
 R 2:10-4:00
 MEETS: JAN 14-MAY 10

3898015 3 MW 11:00-11:50
 R 4:10-6:00PM
 MEETS: JAN 14-MAY 10

MGT DIS&PEST TGRASS PL P 452 3 CREDITS
 Prereq: HORT 351
 5312005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

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

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 14-MAY 10

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 14-MAY 10

PRIN OF PLANT PATH PL P 508 3 CREDITS
 Prereq: 8 CREDITS IN LIFE SCIENCES, INCLUDING BIOL 211 OR BIOL 212
 3902005 1 MW 11:00-11:50
 R 12:10-2:00
 MEETS: JAN 14-MAY 10

3902010 2 MW 11:00-11:50
 R 2:10-4:00
 MEETS: JAN 14-MAY 10

3902015 3 MW 11:00-11:50
 R 4:10-6:00PM
 MEETS: JAN 14-MAY 10

LFESTYL PTHGN FUNGI PL P 512 2 CREDITS
 Prereq: PL P 408 OR MICRO 456 OR EQUIVALENT
 4046005 MW 3:10-4:30
 MEETS: JAN 14-MAY 10

PLANT PATHOLOGY (CONTINUED)

MGT DIS&PEST TGRASS PL P 552 3 CREDITS
 Prereq: HORT 351
 5950005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

SPECIAL TOPICS PL P 590 1- 3 CREDITS
 Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

LAB MTHDS FOR RSRCH PL P 597X 2 CREDITS
 Prereq: PL P 408 IS RECOMMENDED
 2011005 ARRANGED
 MEETS: JAN 14-MAY 10

COLLOQ IN PLANT PTH PL P 694 2 CREDITS
 Prereq: PL P 408 OR PL 416; PERMISSION OF
 INSTRUCTOR
 5958005 ARRANGED
 MEETS: JAN 14-MAY 10

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

INTR AMERIC GOVERNMENT POL S 215 3 CREDITS
 5961005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 5961010 B TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 5961015 C MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

INTRO ETHICS&POLITCS POL S 235 3 CREDITS
 5715005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY

INTR CMPAR GOVT&POL POL S 241 3 CREDITS
 Note: Meets international perspectives reqmt
 5963005 A MWF 12:10-12:50
 MEETS: JAN 14-MAY 10
 5963010 B TR 9:30-10:50
 MEETS: JAN 14-MAY 10

INTRO INTERNATL POL POL S 251 3 CREDITS
 Note: Meets international perspectives reqmt
 5964005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 5964010 B TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 5964015 C TR 3:40-5:00
 MEETS: JAN 14-MAY 10

INTRO EMPIRCL RSRCH POL S 301 3 CREDITS
 Prereq: POL S 101
 5965005 A TR 11:00-12:20
 MEETS: JAN 14-MAY 10

PUB OPINION&VOT BHV POL S 306 3 CREDITS
 Prereq: 6 CR IN POL S OR SOPH CLASSIFICATION
 9242005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10

STATE & LOCAL GOVT POL S 310 3 CREDITS
 Prereq: 3 CR IN POL S
 5968005 A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

SPL TOP THRY&METHDS POL S 313 2 CREDITS
 Note: A TOPIC MAY NOT BE TAKEN MORE THAN ONCE
 6800005 1 MW 4:10-5:30
 MEETS: JAN 14-MAY 10

SPL TOP CMPTV POLIT POL S 314 2 CREDITS
 Note: A TOPIC MAY NOT BE TAKEN MORE THAN ONCE
 TOPIC: BREXIT: SCOTLAND & ENGLAND
 8812005 T 6:10-9:00PM
 ARRANGED
 MEETS: MARCH 11-MAY 10

SPL TOP INTL RELATN POL S 315 2 CREDITS
 Note: A TOPIC MAY NOT BE TAKEN MORE THAN ONCE
 TOPIC: CHINESE FOREIGN POLICY
 Meets international perspectives reqmt
 8813005 TR 2:10-3:30, ARRANGED
 MEETS: MARCH 11-MAY 10

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 14-MAY 10
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.

POLITICAL SCIENCE (CONTINUED)

AMER JUDICIAL PROC POL S 320 3 CREDITS
 Prereq: POL S 215
 5970005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO POL S, CJ ST,
 INDIS MAJORS ONLY

DMCRCY&DVRSTY IN US POL S 333 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 6471005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

POLITICS & SOCIETY POL S 334 3 CREDITS
 Prereq: A COURSE IN POL S OR SOC
 7403005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10

SCI,TEC&PUBLC POLCY POL S 335 3 CREDITS
 7987005 A R 6:10-9:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY

LATIN AM GOVT & POL POL S 343 3 CREDITS
 Note: Meets international perspectives reqmt
 5974005 A MWF 9:00-9:40
 MEETS: JAN 14-MAY 10

PUBLIC POLICY POL S 344 3 CREDITS
 9243005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

EUROPEAN POLITICS POL S 346 3 CREDITS
 Note: Meets international perspectives reqmt
 5976005 A MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

WAR&HUMNTRN POLITCS POL S 354 3 CREDITS
 Prereq: POL S 235 OR POL S 251 OR ANTHR 210
 OR ANTHR 230
 Note: Meets international perspectives reqmt
 6464005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

INT'L SECURITY PLCY POL S 357 3 CREDITS
 9647005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10

ISSUES FOREIGN PLCY POL S 359 3 CREDITS
 Prereq: POL S 215, POL S 251, OR POL S 358
 1006005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10

AMER INSTI:CONGRESS POL S 360 3 CREDITS
 Prereq: POL S 215
 5980005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

AMER INSTI:PRESIDEN POL S 361 3 CREDITS
 Prereq: POL S 215
 5981005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

THE JUDICIARY POL S 362 3 CREDITS
 9807005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

RELIGION & POLITICS POL S 370 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 3166005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

POLITICL GAME THEOR POL S 409 3 CREDITS
 Prereq: ECON 101
 3567005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

CONSTITUTNL FREDMS POL S 421 3 CREDITS
 Prereq: POL S 320 OR POL S 420
 5989005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

INTERNATIONAL LAW POL S 422 3 CREDITS
 Prereq: POL S 215 OR POL S 251; JUNIOR
 CLASSIFICATION
 5990005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

POLITICAL SCIENCE (CONTINUED)

COMP FOREIGN POLICY POL S 452 3 CREDITS
 Prereq: POL S 251
 Note: Meets international perspectives reqmt
 6000005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

MGMT PUBLIC SECTOR POL S 475 3 CREDITS
 Prereq: POL S 371
 6005005 R 6:10-9:00PM
 MEETS: JAN 14-MAY 10

ETHICS&PUBLC POLICY POL S 480 3 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 6008005 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

ELECTRONC DEMOCRACY POL S 487 3 CREDITS
 Prereq: SOPHOMORE STANDING OR INSTRUCTOR
 APPROVAL
 6140005 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

IND STUDY AMER GOVT POL S 490A VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY THRY&METHD POL S 490B VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 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 STUDY EXT CREDIT POL S 490E 1- 2 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** 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
 Note: USE OF POL S 496 CREDIT 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

POLITICAL SCIENCE (CONTINUED)

RESEARCH INTERNSHIP POL S 497 3 CREDITS
 Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSN
 Note: USE OF POL S 497 CREDIT 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

COOPERATIVE EDUCATN POL S 498 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION
 COORDINATOR; SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 CREDIT 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

POLITICL GAME THEOR POL S 509 3 CREDITS
 3568005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

INTERNATIONAL LAW POL S 522 3 CREDITS
 3569005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 7329010 B M 6:10-9:00PM
 MEETS: JAN 14-MAY 10

COMP FOREIGN POLICY POL S 552 3 CREDITS
 Prereq: POL S 251
 Note: Meets international perspectives reqmt
 6029005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

ETHICS&PUBLC POLICY POL S 580 3 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 6040005 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

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

SPL TOP PUB POL&ADM POL S 590G 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INTERNSHIP POL S 590I 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 TEACHG PREP POL S 590T 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP POL S 598 3- 6 CREDITS
 4540005 Prereq: 15 CREDITS IN POL S, INSTRUCTR PERMISSION
 ARRANGED
 MEETS: JAN 14-MAY 10

POLITICAL SCIENCE (CONTINUED)

CREATIVE COMPONENT POL S 599 VAR. CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

PORTUGUESE

ELEM PORTUGUESE II PORT 102 4 CREDITS
 Prereq: PORT 101
 Note: Meets international perspectives reqmt
 7128005 MTWR 10:00-10:50
 MEETS: JAN 14-MAY 10

BRAZIL TODAY PORT 375 3 CREDITS
 Note: Meets international perspectives reqmt
 7204005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10
 6069010 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10

LAB INTRODC 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 14-MAY 10
 4786010 A2 T 1:10-3:00
 MEETS: JAN 14-MAY 10
 4786015 B1 W 8:00-9:50
 MEETS: JAN 14-MAY 10
 4786020 B2 W 8:00-9:50
 MEETS: JAN 14-MAY 10
 4786025 C1 T 3:10-5:00
 MEETS: JAN 14-MAY 10
 4786030 C2 T 3:10-5:00
 MEETS: JAN 14-MAY 10
 4786035 D1 R 1:10-3:00
 MEETS: JAN 14-MAY 10
 4786040 D2 R 1:10-3:00
 MEETS: JAN 14-MAY 10

ORIENTATN TO PSYCH PSYCH 111 .5 CREDIT
 Satisfactory-Fail Only.
 6068005 1 W 3:10-4:00
 MEETS: JAN 14-MAY 10
 6068010 2 R 10:00-10:50
 MEETS: JAN 14-MAY 10

PSY LRN CMNTY SEMNR PSYCH 112 1 CREDIT
 Prereq: PARTICIPATION IN FRESHMAN LEARNING
 COMMUNITY
 Satisfactory-Fail Only.
 9388005 1 W 3:10-4:00
 MEETS: JAN 14-MAY 10
 9388010 2 W 3:10-4:00
 MEETS: JAN 14-MAY 10
 9388015 3 R 10:00-10:50
 MEETS: JAN 14-MAY 10

ACAD LEARNG SKILLS PSYCH 131 1 CREDIT
 Satisfactory-Fail Only.
 6071005 A T 2:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 6071010 B W 9:00-9:50, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 6071015 C W 1:10-2:00, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 6071020 D R 2:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 6071025 E MW 12:10-1:00
 ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: Instructor permission required 1st week.

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
 MEETS: JAN 14-MAY 10
 6072010 B TR 9:30-10:50
 MEETS: JAN 14-MAY 10

PSYCHOLOGY (CONTINUED)

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
 MEETS: JAN 14-MAY 10
 6075010 B TR 2:10-3:30
 MEETS: JAN 14-MAY 10

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: PSYCH MINORS ARE ELIGIBLE TO ADD THIS COURSE,
 GO TO W022 LAGOMARCINO HALL TO ENROLL.
 SEC A1, B1 ETC RESTRICTED TO PSYCH MAJORS ONLY.
 SEC A2, B2 ETC FOR MAJORS OTHER THAN PSYCH
 6076005 A1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 6076010 A2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 6076015 B1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 6076020 B2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 6076025 C1 TR 2:10-3:25
 MEETS: JAN 14-MAY 10
 6076030 C2 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

RESRCH METHODS PSYC PSYCH 302 3 CREDITS
 Prereq: PSYCH 301, ENGL 250
 Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY
 1173005 A TR 9:00-10:50
 MEETS: JAN 14-MAY 10
 1173010 B TR 11:00-12:50
 MEETS: JAN 14-MAY 10
 Note: SC
 1173015 C MW 10:00-11:50
 MEETS: JAN 14-MAY 10
 1173020 D MW 1:10-3:00
 MEETS: JAN 14-MAY 10

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS
 Prereq: PSYCH 101
 1515005 A1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 1515010 A2 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

SENSATION & PERCEPTN PSYCH 312 3 CREDITS
 Prereq: PSYCH 101
 6079005 A1 M 6:10-9:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6079010 A2 M 6:10-9:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

LEARNING & MEMORY PSYCH 313 3 CREDITS
 Prereq: PSYCH 101
 6080005 A1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6080010 A2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

MOTIVATION PSYCH 314 3 CREDITS
 Prereq: PSYCH 101
 6081005 A1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6081010 A2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

DRUGS & BEHAVIOR PSYCH 315 3 CREDITS
 Prereq: PSYCH 101
 6082005 A1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6082010 A2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

SLEEP AND DREAMS PSYCH 320 3 CREDITS
 Prereq: PSYCH 101
 9811005 A1 MW 11:00-11:50
 MEETS: JAN 14-MAY 10
 9811010 A2 MW 11:00-11:50
 MEETS: JAN 14-MAY 10

PSYCHOLOGY (CONTINUED)

PSYCHOLOGY (CONTINUED)

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 14-MAY 10

ABNORM PSY CHD&ADOL PSYCH 335 3 CREDITS
 Prereq: PSYCH 101; PSYCH 230 OR HD FS 102
 4299005 A1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 4299010 A2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

PSYCHOLOGY OF WOMEN PSYCH 346 3 CREDITS
 Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING
 PSYCH 101
 Note: Meets U.S. diversity reqmt
 6085005 A1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6085010 A2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

PSYCHOL OF RELIGION PSYCH 348 3 CREDITS
 Prereq: NINE CREDITS IN PSYCHOLOGY
 Note: A1 RESTRICTED TO PSYCH MAJORS.
 SEC A2 FOR MAJORS OTHER THAN PSYCH
 7034005 A1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10
 7034010 A2 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

PSYCHOLOGY AND LAW PSYCH 383 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 280
 9080005 A1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 9080010 A2 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC A2 RESTRICTED TO CJ ST, INDIS MAJORS ONLY
 9080015 A3 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: SEC A3 FOR MAJORS OTHER THAN INDIS, PSYCH

HISTORY OF PSYCHOLG PSYCH 401 3 CREDITS
 Prereq: 4 COURSES IN PSYCH
 6089005 A1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6089010 A2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

PSYCH OF LANGUAGE PSYCH 413 3 CREDITS
 Prereq: PSYCH 101
 6092005 A1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 6092010 A2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 RESTRICTED TO LING MAJORS
 6092015 A3 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A3 FOR MAJORS OTHER THAN PSYCH OR
 LING

COUNSEL THEOR&TCHNQ PSYCH 422 3 CREDITS
 Prereq: 3 COURSES IN PSYCH
 6093005 A1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6093010 A2 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 Note: SEC A2 RESTRICTED TO D EXH, DIETH,
 FS HN, KIN, NUTR MAJORS ONLY
 6093015 A3 TR 11:00-12:15
 MEETS: JAN 14-MAY 10
 Note: SEC A3 OPEN TO MAJORS OTHER THAN D EXH, DIETH,
 FS HN, KIN, NUTR, PSYCH

LAB CONSL THR&TCHNQ PSYCH 422L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN PSYCH 422,
 MAJOR OR MINOR IN PSYCHOLOGY
 2844005 1 R 9:00-10:40
 MEETS: JAN 14-MAY 10

PSYCH MEASUREMENT I PSYCH 440 3 CREDITS
 Prereq: PSYCH 301 AND 9 CREDITS IN PSYCHOLOGY,
 STAT 101
 Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY
 6099005 A M 12:10-2:00
 F 8:00-9:50
 MEETS: JAN 14-MAY 10
 6099010 B M 12:10-2:00
 W 12:10-2:00
 MEETS: JAN 14-MAY 10
 6099015 C M 12:10-2:00
 F 12:10-2:00
 MEETS: JAN 14-MAY 10
 6099020 D M 12:10-2:00
 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10

PSYCH MEASUREMENT I PSYCH 440 3 CREDITS
 6099025 E M 12:10-2:00
 F 12:10-2:00
 MEETS: JAN 14-MAY 10

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 RESTRICTED TO KIN MAJORS.
 SEC A3, B3 FOR MAJORS OTHER THAN PSYCH, KIN
 6102005 A1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 6102010 A2 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 6102015 A3 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 6102020 B1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 6102030 B2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 6102035 B3 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

HEALTH PSYCHOLOGY PSYCH 485 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION, 6 CREDITS IN PSYCH
 5697005 A1 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 5697010 A2 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 RESTRICTED TO KIN H MAJORS ONLY.
 5697015 A3 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC A3 FOR MAJORS OTHER THAN KIN H, 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, INSTRCTOR
 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

FLD PRACTCM:HUMN SV PSYCH 492A VAR. CREDITS
 Prereq: JUNIOR CLASSIFICATION, 12 CREDITS
 IN PSYCHOLOGY, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD PRACTCM:I/O PSY PSYCH 492B VAR. CREDITS
 Prereq: JUNIOR CLASSIFICATION; 12 CREDITS
 IN PSYCHOLOGY INCLUDING PSYCH 450, OR PSYCH 250
 AND ENROLLMENT IN PSYCH 450; PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 4420073 KH ARRANGED
 MEETS: JAN 14-MAY 10

RES METHD APPL PSYC PSYCH 508 3 CREDITS
 Prereq: PSYCH 440 AND PSYCH 501 OR STAT 401
 6110005 A TR 9:30-10:45
 MEETS: JAN 14-MAY 10

METHDS HUMAN&CMPUTR PSYCH 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7051005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

APP PSY MEASUREMENT PSYCH 542 3 CREDITS
 Prereq: PSYCH 440
 6122005 F 9:00-11:50
 MEETS: JAN 14-MAY 10

PERSONALITY ASESMT PSYCH 562 3 CREDITS
 Prereq: PSYCH 360, PSYCH 440, PSYCH 542, AND
 PSYCH 501 OR STAT 401 AND ADMISSION TO THE PHD
 PROGRAM IN COUNSELING PSYCHOLOGY
 6130005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 Note: Materials fee \$75.00

SPCL TOP COUNSELING PSYCH 590A VAR. CREDITS
 Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY (CONTINUED)

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

QNT MTH CL PSYM THY PSYCH 594A 1 CREDIT
 Prereq: PSYCH 501 OR EQUIVALENT
 9139005 1 M 12:10-3:00
 MEETS: JAN 14-FEB 15

QNT MTH MISSNG DATA PSYCH 594L 1 CREDIT
 Prereq: PSYCH 501 OR EQUIVALENT
 3398005 TR 11:00-12:20
 MEETS: APRIL 1-MAY 3

SEM SOC PSY:COGNITN PSYCH 595A 1- 3 CREDITS
 Prereq: 12 CREDITS IN PSYCH
 Note: COURSE OFFER FOR 3 CREDITS SPRING 2019
 5401005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

SEM COUNS:MLTICULTR PSYCH 596C VAR. CREDITS
 Prereq: 12 CREDITS IN PSYCH
 6031005 T 9:00-11:50, ARRANGED
 MEETS: JAN 14-MAY 10

INTERNSHIP IN PSYCH PSYCH 597 R CREDIT
 Prereq: M.S. DEGREE CANDIDACY; PERMISSION OF
 INSTRUCTOR
 7659005 ARRANGED
 MEETS: JAN 14-MAY 10

SMNAR COGNITV:MEMORY PSYCH 598B VAR. CREDITS
 Prereq: PSYCH 516; PSYCH 501 OR STAT 401
 6132005 W 9:00-11:50, ARRANGED
 MEETS: JAN 14-MAY 10

CREATIVE COMPONENT PSYCH 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HIST OF PHIL OF PSY PSYCH 601 3 CREDITS
 Prereq: 4 COURSES IN PSYCH
 6149005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

MULTILEVEL MODELING PSYCH 605 3 CREDITS
 Prereq: STAT 404
 7081005 W 1:10-4:00
 MEETS: JAN 14-MAY 10

VOCATIONAL BEHAVIOR PSYCH 623 3 CREDITS
 Prereq: 3 COURSES IN PSYCH OR GRAD CLASSIFICATION
 6152005 W 2:10-5:00
 MEETS: JAN 14-MAY 10

TEACHING OF PSYCH PSYCH 633 3 CREDITS
 Prereq: ENROLLMENT IN DOCTORAL DEGREE PROGRAM IN
 PSYCH, PERMISSION OF INSTRUCTOR
 6156005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

PRACTCM BEG COUNSEL PSYCH 691A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2019
 ***** 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

PSYCHOLOGY (CONTINUED)

RSRCH SEMNR COGNITV PSYCH 692Q 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2019.
 7667005 W 12:10-1:00
 MEETS: JAN 14-MAY 10

RESRCH SEMNR SOCIAL PSYCH 692R 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2019.
 9085005 F 12:10-1:00, ARRANGED
 MEETS: JAN 14-MAY 10

INTERN COUNSELING PSYCH 697 R CREDIT
 Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH
 PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN
 6182005 ARRANGED
 MEETS: JAN 14-MAY 10

RESEARCH PSYCH 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PUBLIC RELATIONS

PRIN PUBLIC RELATNS P R 220 3 CREDITS
 6906005 1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

STRATEG PLAN AD&P.R P R 301 3 CREDITS
 Prereq: ADVRT 230 OR P R 220
 Note: SEC 1A,2A ETC RESTRICTED TO JL MC, ADVRT, P R
 SEC 1B,2B ETC FOR MAJORS OTHER THAN JL MC, ADVRT,
 P R
 6910005 1A MW 2:10-3:30
 MEETS: JAN 14-MAY 10
 6910010 1B MW 2:10-3:30
 MEETS: JAN 14-MAY 10
 6910015 2A TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 6910020 2B TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 6910025 3A TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 6910030 3B TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 6910035 4A TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 6910040 4B TR 11:00-12:20
 MEETS: JAN 14-MAY 10

PUBLICITY METHODS P R 305 3 CREDITS
 Prereq: ENGL 250, SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO MAJORS OTHER THAN
 ADVRT, JL MC OR P R.
 6911005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 6911010 2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

PUBLIC RELATNS WRIT P R 321 3 CREDITS
 Prereq: JL MC 110, C+ OR BETTER IN JL MC 201;
 CREDIT OR CONCURRENT ENROLLMENT IN ADVRT 301 OR
 P R 301
 7171005 1 MW 12:10-2:00
 MEETS: JAN 14-MAY 10
 7171010 2 TR 2:10-4:00
 MEETS: JAN 14-MAY 10
 7171015 3 TR 8:00-9:50
 MEETS: JAN 14-MAY 10

STRATGC COUNSEL P R P R 322X 3 CREDITS
 8697005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

STRTG COMM AG&ENVIR P R 323X 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 8690005 1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

PRO SKILL DEVEL:MAP P R 390A 1 CREDIT
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR
 PERMISSION FOR NONMAJORS
 9712005 1 ARRANGED
 MEETS: JAN 14-MAY 10

CRISIS COMMUNICATIO P R 420 3 CREDITS
 Prereq: P R 220
 7457005 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

PUBLIC REL CAMPAIGN P R 424 3 CREDITS
 Prereq: C+ OR BETTER IN P R 321; ADVRT 301 OR
 P R 301
 7211005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 7211010 2 MW 2:10-3:30
 MEETS: JAN 14-MAY 10

PUBLIC RELATIONS (CONTINUED)

SPL TOPC MAGZIN PUBL P R 497C 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9910005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

SPL TP FIRST AMENDM P R 497D 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9734005 1 MW 1:30-3:00
 MEETS: JAN 14-MARCH 8

SPL TOP COMPUT COMM P R 497J 3 CREDITS
 9908005 A1 MW 4:10-5:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY
 9908010 A2 MW 4:10-5:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN ADVRT, JL MC,
 P R

SPL TOP:PLN SO MDIA P R 497L 1- 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9664005 1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

PRO MDIA INTERN:REQ P R 499A 3 CREDITS
 Prereq: JL MC 110, FORMAL FACULTY ADVISR APPROVAL
 JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 306
 ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301
 P R MAJORS: P R 301, C+ OR BETTER IN P R 321
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO MDIA INTERN:OPT P R 499B 1- 3 CREDITS
 Prereq: JL MC 110, FORMAL FACULTY ADVISR APPROVAL
 JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 306
 ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301
 P R MAJORS: P R 301, C+ OR BETTER IN P R 321
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
 Department permission required.
 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 8:00-9:20
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO FRESHMAN ONLY
 6109010 B MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 6109015 C TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 6109020 D TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 6109025 E MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 6109030 F MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 6109040 G TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 6109045 J MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

RELIGION IN AMERICA RELIG 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 6188005 A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 6188010 B MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 6188015 C MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 6188020 D MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 6188025 E MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

CHRISTNTY:FRMRTN ON RELIG 243 3 CREDITS
 5242005 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

NEW TESTAMENT RELIG 322 3 CREDITS
 6195005 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.

CHRISTIANITY&SCIENC RELIG 324 3 CREDITS
 Prereq: BIOL 101, OR ANOTHER SCIENCE COURSE
 TAUGHT AT ISU
 2458005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

RELIGIOUS STUDIES (CONTINUED)

PSYCHOL OF RELIGION RELIG 348 3 CREDITS
 Prereq: NINE CREDITS IN PSYCHOLOGY
 Note: A1 RESTRICTED TO PSYCH MAJORS.
 SEC A2 FOR MAJORS OTHER THAN PSYCH
 7036005 A1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10
 7036010 A2 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

PHILOS OF RELIGION RELIG 350 3 CREDITS
 Prereq: 6 CREDITS IN PHILOSOPHY
 6199005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10

BUDDHIST PHILOSOPHY RELIG 353 3 CREDITS
 Prereq: PHIL 201 OR PHIL 230
 Note: Meets international perspectives reqmt
 5622005 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

INTRODUCTN TO ISLAM RELIG 358 3 CREDITS
 Note: Meets international perspectives reqmt
 3332005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

RELIGION ANC GR&ROM RELIG 368 3 CREDITS
 Note: Meets international perspectives reqmt
 9901005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

RELIGION & POLITICS RELIG 370 3 CREDITS
 3165005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

CATHLIC SOC THOUGHT RELIG 380 3 CREDITS
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 Meets U.S. diversity reqmt
 8994005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

SEM:ISS STUDY RELIG RELIG 475 3 CREDITS
 Prereq: 6 CREDITS IN RELIGIOUS STUDIES
 6204005 M 11:00-1:30
 MEETS: JAN 14-MAY 10

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

RESEARCH & EVALUATION

INTRO EDUC RESEARCH RESEV 550 3 CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 6211005 1 R 5:30-8:20PM
 MEETS: JAN 14-MAY 10

BASIC EDUC STATISTC RESEV 552 3 CREDITS
 7368005 1 W 5:30-8:20PM
 MEETS: JAN 14-MAY 10

INTMED EDUC STATIST RESEV 553 3 CREDITS
 Prereq: RESEV 552 OR STAT 401
 Note: COURSE FOR STUDENTS IN EDUCATION
 7684005 1 R 5:10-8:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS ONLY.

INTRO QLTV RES MTHD RESEV 580 3 CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 4059005 1 T 5:30-8:20PM
 MEETS: JAN 14-MAY 10

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

RESEARCH & EVALUATION (CONTINUED)

PROGRAM ASSESS&EVAL RESEV 597 3 CREDITS
 Prereq: RESEV 550
 Note: COURSE RESTRICTED TO COLLEGE OF HUMAN SCIENCES GRADUATE STUDENTS.
 6218005 1 R 1:10-4:00
 MEETS: JAN 14-MAY 10
 6218010 2 W 9:00-11:50
 MEETS: JAN 14-MAY 10
 6218015 3 R 5:30-8:20PM
 MEETS: JAN 14-MAY 10

FOUND QUALV INQUIRY RESEV 603X 3 CREDITS
 Prereq: C I 601
 9228005 ARRANGED
 MEETS: JAN 14-MAY 10

CRIT ISS QLTV INQUI RESEV 680 3 CREDITS
 Prereq: RESEV 580
 4564005 1 R 5:30-8:20PM
 MEETS: JAN 14-MAY 10

ADV SPECIAL TOPICS RESEV 690 1- 3 CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RESEV 699 VAR. CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN

ELEM RUSSIAN II RUS 102 4 CREDITS
 Prereq: 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 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1 HYBRID FORMAT

INTERMED RUSSIAN II RUS 202 4 CREDITS
 Prereq: RUS 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 Meets international perspectives reqmt
 6229005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC 1 HYBRID FORMAT

READG LIT&CULTR TXT RUS 314 3 CREDITS
 Prereq: RUS 102
 Note: Meets international perspectives reqmt
 6161005 W 6:10-9:00PM
 MEETS: JAN 14-MAY 10

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

INTERNSH IN RUSSIAN 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

CREATIVE COMPONENT STB 599 2- 3 CREDITS
 Prereq: ADMISSION TO THE MASTER'S IN SEED TECHNOLOGY AND BUSINESS DEGREE PROGRAM AND PERMISSION OF INSTRUCTOR
 3239005 ARRANGED
 MEETS: JAN 14-MAY 10

SOCIOLOGY

SOCIOLOGY ORIENTATN SOC 115 1 CREDIT
 Satisfactory-Fail Only.
 6345005 A MW 9:00-9:50
 MEETS: JAN 14-MARCH 8

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 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

SOCIOLOGY (CONTINUED)

INTIMATE RELATNSHIP SOC 219 3 CREDITS
 Prereq: SOC 134
 6349005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 6349010 B MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

GLOBAL SUSTAINABLY SOC 220 3 CREDITS
 Note: T SC 220/ANTHR 220/ENV S 220/GLOBE 220/MAT E 220/ M E 220/SOC 220 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 3847005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

YOUTH & CRIME SOC 241 3 CREDITS
 6350005 A TR 11:00-12:20
 MEETS: JAN 14-MAY 10

SOC SCI RSRCH MTHDS SOC 302 3 CREDITS
 Prereq: SOC 134; STAT 101; OR CONCURRENT ENROLLMENT IN STAT 101
 Note: STUDENTS WHO HAVE PREVIOUSLY TAKEN SOC 202 WILL NOT RECIEVE CREDIT FOR SOC 302.
 6354005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

SOC PSYCH:SOC PERSP SOC 305 3 CREDITS
 Prereq: SOC 134
 Note: SEC A1,B1 ETC RESTRICTED TO AG SO, SOC, P S A, INDIS ONLY. SEC A2,B2 ETC FOR ALL OTHER MAJORS.
 6355005 A1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 6355010 A2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

COMMUNITY SOC 310 3 CREDITS
 Prereq: SOC 134
 6321005 A TR 11:00-12:20
 MEETS: JAN 14-MAY 10

TRANSITION IN AGRIC SOC 325 3 CREDITS
 6322005 A1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO AG SO, INDIS, PSA, SOC MAJORS ONLY
 6322010 A2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN AG SO, PSA & SOC

SEX&GENDER IN SOCIE SOC 327 3 CREDITS
 Prereq: SOC 134
 Note: SEC A1,B1 RESTRICTED TO AG SO, INDIS, SOC, P S A, W S.SEC A2,B2 FOR MAJORS OTHER THAN, AG SO, INDIS, SOC, P S A, W S.
 Meets U.S. diversity reqmt
 6356005 A1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 6356010 A2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

SOC CLASS & INEQUAL SOC 331 3 CREDITS
 Prereq: SOC 134
 Note: SEC A1,B1,C1 RESTRICTED TO AG SO, SOC, P S A MAJORS. SEC A2,B2,C2 FOR MAJORS OTHER THAN AG SO, SOC, P S A.
 Meets U.S. diversity reqmt
 6357005 A1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 6357010 A2 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

POLITICS & SOCIETY SOC 334 3 CREDITS
 Prereq: A COURSE IN POLITICAL SCIENCE OR SOCIOLOGY
 7401005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10

DEVIANT & CRIM BEHAV SOC 340 3 CREDITS
 Prereq: SOC 134 OR CJ ST 240
 6358005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

POPULATION & SOCIETY SOC 345 3 CREDITS
 Prereq: SOC 134
 Note: Meets international perspectives reqmt
 6359005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 6359010 B MWF 2:00-3:00
 MEETS: JAN 14-MAY 10

WOMN IN AG&FOOD SYS SOC 350X 3 CREDITS
 Prereq: 3 CREDITS IN SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR
 Note: Meets U.S. diversity reqmt
 9925005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

SOCIOLOGY

(CONTINUED)

SOFTWARE ENGINEERING

ENVIRONMENTL SOCIOL SOC 382 3 CREDITS
 Prereq: SOC 134 OR 3 CREDITS OF ENV S
 Note: SEC A1 RESTRICTED TO AG SO, SOC, P S A MAJORS
 SEC A2 FOR MAJORS OTHER THAN AG SO, SOC, P S A
 7713005 A1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 7713010 A2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

CONTEM SOC THEORIES SOC 401 3 CREDITS
 Prereq: 9 CREDITS IN SOC
 6365005 A MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

SOC CHNGE DEV CNTRI SOC 411 3 CREDITS
 Prereq: SOC 134 PLUS 3 CREDITS IN SOCIAL SCIENCES
 Note: Meets international perspectives reqmt
 6323005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

CRIM & JUV JUST PRAC SOC 460 3-12 CREDITS
 Prereq: JR/SR CLASSIFICATN; PERMISSN OF THE CJ ST
 COORDINATOR; MAJOR OR MINOR IN CJ ST OR SOC
 Note: NO MORE THAN 9 CREDITS OF SOC 460/CJ ST 460
 MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN
 SOC 460/CJ ST 460 MAY BE USED TO SATISFY MINIMUM
 SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
 Satisfactory-Fail Only.
 6370005 A ARRANGED
 MEETS: JAN 14-MAY 10

INDEP STUDY GEN SOC SOC 490A 1- 3 CREDITS
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
 APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
 9 CREDITS OF SOC 490 TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY RURAL SOC SOC 490B 1- 3 CREDITS
 Prereq: 6 CR IN SOC AND INSTRUCTOR PERMISSION
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
 APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
 9 CREDITS OF SOC 490 TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS SOC 490H 1- 3 CREDITS
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR,
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
 APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
 9 CREDITS OF SOC 490 TOWARD GRADUATION. COURSE
 RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RACE,CLS,GNDR INEQU SOC 534 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6390005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

STRAT ENGAGE CMUNTY SOC 536 3 CREDITS
 Prereq: 6 CREDITS IN SOCIOLOGY
 8646005 A TR 11:00-12:20
 MEETS: JAN 14-MAY 10

SEM SOC CHNG:TECHNL SOC 543C 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCIENCES
 4043005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

SPCL TOPICS GEN SOC SOC 590A 1- 3 CREDITS
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS RURAL SOC SOC 590B 1- 3 CREDITS
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RES GEN SOC SOC 599A 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RSRCH RURAL SOC 599B 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 ENGR ORIENT S E 101 R CREDIT
 7288005 W 11:00-11:50
 MEETS: JAN 14-MAY 10

SOFTWR ENGR CAREERS S E 166 R CREDIT
 7290005 A T 9:00-9:50
 MEETS: JAN 14-MAY 10
 7290010 B T 9:00-9:50
 MEETS: JAN 14-MAY 10

PROB SOLV SFTWR ENG S E 185 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH
 PLACEMENT EXAMS; 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,
 A B E 160, AER E 160, C E 160, CPR E 185, E E 185,
 S E 185, I E 148
 4922005 A MW 10:00-10:50
 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 4922010 B MW 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 14-MAY 10
 4922015 C MW 10:00-10:50
 R 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 4922020 D MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 14-MAY 10

SFTWR CNSTR&USER IN S E 319 3 CREDITS
 Prereq: COM S 228
 7191005 1 MWF 11:00-11:50 JANNESARI A
 MEETS: JAN 14-MAY 10

SOFTWARE PROJCT MGT S E 329 3 CREDITS
 Prereq: COM S 309
 7377005 A TR 12:40-1:55
 MEETS: JAN 14-MAY 10

SFTWR ARCHITC&DSIGN S E 339 3 CREDITS
 Prereq: S E 319
 7259005 A TR 4:10-5:30
 MEETS: JAN 14-MAY 10

PRIN Progr LANGUAGS S E 342 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228;
 C- OR BETTER IN MATH 165; COM S 230 OR CPR E 310
 Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC
 FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T
 REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE
 COURSE DUE TO INCOMPLETE REGISTRATION.
 1043005 A TR 2:10-3:30 BASU S
 MEETS: JAN 14-MAY 10
 1043100 1 W 9:00-9:50
 MEETS: JAN 14-MAY 10
 1043105 2 W 4:10-5:00
 MEETS: JAN 14-MAY 10
 1043015 3 W 11:00-11:50
 MEETS: JAN 14-MAY 10

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

FORML MTHDS SFTWR E S E 412 3 CREDITS
 Prereq: COM S 230 OR CPR E 310; COM S 311,
 STAT 330
 7257005 1 TR 3:40-4:55 MINER A
 MEETS: JAN 14-MAY 10

LG SC DTA ANLY SFTW S E 419 4 CREDITS
 7517005 A TR 9:30-10:50
 W 2:10-4:00
 MEETS: JAN 14-MAY 10
 7517010 B TR 9:30-10:50
 W 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 7517015 C TR 9:30-10:50
 F 12:10-2:00
 MEETS: JAN 14-MAY 10

SFTWRE SAFETY ANALY S E 421 3 CREDITS
 Prereq: COM S 309; CPR E 310 OR COM S 230
 8648005 MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY S E 490 VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE ENGINEERING (CONTINUED)

SR DESIGN PROJECT I S E 491 3 CREDITS
 Prereq: S E 329; S E 339; CPR E 308 OR COM S 352;
 ENGL 309 OR ENGL 314
 7366005 T 2:10-4:00 ARRANGED
 MEETS: JAN 14-MAY 10

SR DSIGN PROJECT II S E 492 2 CREDITS
 Prereq: S E 491
 7371005 R 2:10-3:00 ARRANGED
 MEETS: JAN 14-MAY 10

S E PORTFOLIO DEVEL S E 494 R CREDIT
 Prereq: CREDIT OR ENROLLMENT IN S E 491
 6467005 M 4:10-5:00
 MEETS: JAN 14-MAY 10

SPANISH

ACCEL SPANISH 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 9:30-10:50
 MEETS: JAN 14-MAY 10
 8246010 2 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

ELEMENTRY SPANISH I SPAN 101 4 CREDITS
 6473005 1 MTWR 10:00-10:50
 MEETS: JAN 14-MAY 10
 6473010 2 MTWR 11:00-11:50
 MEETS: JAN 14-MAY 10

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 9:00-9:50
 MEETS: JAN 14-MAY 10
 6474010 2 MTWR 10:00-10:50
 MEETS: JAN 14-MAY 10
 6474015 3 MTWR 11:00-11:50
 MEETS: JAN 14-MAY 10
 6474020 4 MTWR 12:10-1:00
 MEETS: JAN 14-MAY 10

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 14-MAY 10

INTERMED SPANISH II SPAN 202 4 CREDITS
 Prereq: SPAN 201 OR PLACEMENT BY DEPARTMENTAL
 EXAM
 Note: Meets international perspectives reqmt
 6478005 1 MTWR 10:00-10:50
 MEETS: JAN 14-MAY 10
 6478010 2 MTWR 11:00-11:50
 MEETS: JAN 14-MAY 10
 6478015 3 MTWR 12:10-1:00
 MEETS: JAN 14-MAY 10
 6478020 4 MTWR 1:10-2:00
 MEETS: JAN 14-MAY 10

CONVERS THRU CULTUR SPAN 303A 3 CREDITS
 Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL
 EXAM
 Note: Meets international perspectives reqmt
 6142005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

CONVERS FOR PROFSNL SPAN 303B 3 CREDITS
 Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL
 EXAM
 Note: Meets international perspectives reqmt
 6160005 1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 6160010 2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 6160015 3 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

SPANISH FOR PROFSNL SPAN 304 3 CREDITS
 Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL
 EXAM; SPAN 301 RECOMMENDED
 Note: Meets international perspectives reqmt
 6482005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 6482010 2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

SPANISH (CONTINUED)

TXTUAL&MEDIA ANALYS SPAN 314 3 CREDITS
 Prereq: SPAN 301
 Note: Meets international perspectives reqmt
 8894005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 8894010 2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

LATIN AMER CIVILIZA SPAN 322 3 CREDITS
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL
 Note: Meets international perspectives reqmt
 6484005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 6484010 2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

MDWST LATINO CMUNTY SPAN 325X 3 CREDITS
 Prereq: US LS 211
 9481005 F 12:10-3:00
 MEETS: JAN 14-MAY 10

STDI LATIN AMER LIT SPAN 332 3 CREDITS
 Prereq: SPAN 314
 Note: Meets international perspectives reqmt
 6487005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INTR SPANSH PHONOLG SPAN 352 3 CREDITS
 Prereq: SPAN 301, SPAN 303 OR SPAN 304
 Note: Meets international perspectives reqmt
 3382005 1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

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
 7688005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY SPAN 490 1- 6 CREDITS
 Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED
 TOWARD GRADUATION.
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSN
 OF ADVISER AND WORLD LANGUAGES AND CULTURES
 INTERNSHIP COORDINATOR
 Note: NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE
 APPLIED TOWARD GRADUATION IN THE MAJOR
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM LIT&CULTR SPAIN SPAN 540 3 CREDITS
 Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT
 400 LEVEL
 7467005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

SPL TOP SPAN CIVLZN SPAN 590D 1- 4 CREDITS
 Prereq: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN
 3907043 EM ARRANGED
 MEETS: JAN 14-MAY 10

SPECIAL EDUCATION

EXCEPTIONAL LEARNER SP ED 250 3 CREDITS
 Prereq: C I 204 OR C I 205
 Note: Meets U.S. diversity reqmt
 6452005 1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

CLSRM ASSESMT SP ED SP ED 365 3 CREDITS
 Prereq: SP ED 330; C I 377
 Note: ADMISSION TO EDUCATOR PREP PROGRAM
 6454005 1 M 2:10-5:00
 MEETS: JAN 14-MAY 10

TCH SCDRY EXCEP GEN SP ED 401 3 CREDITS
 5059005 1 TR 11:00-12:15
 MEETS: JAN 14-MAY 10

ASMT&INSTR INCLS K3 SP ED 405 4 CREDITS
 Prereq: SP ED 250 OR EQUIVALENT, C I 377,
 C I 438; ADMISSION TO TEACHER EDUCATION.
 CONCURRENT ENROLLMENT IN SP ED 458, C I 433,
 C I 439, C I 468I.
 5773005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: IN SCHOOLS FEB 19-MARCH 14

SPECIAL EDUCATION (CONTINUED)

SPEECH COMMUNICATION (CONTINUED)

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 2801, C I 452
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE EDUCATOR PREP PROGRAM OFFERED FOR 8 CREDITS SPRING 2019
 Department permission required 1st week.
 3286005 1A ARRANGED MEETS: JAN 14-MARCH 8
 3286015 1R ARRANGED MEETS: JAN 14-MARCH 8
 3286010 2A ARRANGED MEETS: MARCH 11-MAY 10
 3286020 2R ARRANGED MEETS: MARCH 11-MAY 10

INST MTHD M/MO DSAB SP ED 436 3 CREDITS
 Prereq: C I 245, CONCURRENT ENROLLMENT IN SP ED 365
 Note: ADMISSION TO THE EDUCATOR PREP PROGRAM
 1884005 W 2:10-5:00 MEETS: JAN 14-MAY 10

PRE-TCHG III:M/M K3 SP ED 458 1 CREDIT
 Prereq: C I 377, C I 437; ADMISSION TO TEACHER EDUCATION
 Note: IN SCHOOLS FEB 18-MARCH 13 Satisfactory-Fail Only.
 5841005 ARRANGED MEETS: JAN 14-MAY 10

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
 2638005 W 5:10-8:00PM S 9:00-3:30 MEETS: JAN 14-MAY 10

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 M 5:10-8:00PM S 9:00-3:30 MEETS: JAN 14-MAY 10

SPECIAL TOPICS SP ED 590 1- 5 CREDITS
 Prereq: 15 CRS IN EDUC
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUP FL EXP DSBL,K-8 SP ED 591G 1- 6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA; ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
 Note: COURSE RESTRICTED TO C I & EDUC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUP F EXP DSBL,5-12 SP ED 591H 1- 6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA; ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
 Note: COURSE RESTRICTED TO C I & EDUC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FLD EXP BHV/DS SP ED 591K 1- 6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA; ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION
 Note: COURSE RESTRICTED TO C I & EDUC MAJORS ONLY
 ***** 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 MEETS: JAN 14-MAY 10

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 8643005 1 MWF 8:00-8:50 MEETS: JAN 14-MAY 10
 8643010 2 MWF 9:00-9:50 MEETS: JAN 14-MAY 10
 8643015 3 MWF 9:00-9:50 MEETS: JAN 14-MAY 10
 8643020 4 MWF 9:00-9:50 MEETS: JAN 14-MAY 10
 8643025 5 MWF 10:00-10:50 MEETS: JAN 14-MAY 10
 8643030 6 MWF 10:00-10:50 MEETS: JAN 14-MAY 10
 8643035 7 MWF 11:00-11:50 MEETS: JAN 14-MAY 10
 8643040 8 MWF 11:00-11:50 MEETS: JAN 14-MAY 10

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 8643045 9 MWF 11:00-11:50 MEETS: JAN 14-MAY 10
 8643050 10 MWF 11:00-11:50 MEETS: JAN 14-MAY 10
 8643055 11 MWF 11:00-11:50 MEETS: JAN 14-MAY 10
 8643060 12 MWF 1:10-2:00 MEETS: JAN 14-MAY 10
 8643065 13 MWF 2:10-3:00 MEETS: JAN 14-MAY 10
 8643070 14 MWF 2:10-3:00 MEETS: JAN 14-MAY 10
 8643075 15 MWF 10:00-10:50 MEETS: JAN 14-MAY 10
 8643080 16 MWF 12:10-1:00 MEETS: JAN 14-MAY 10
 8643085 17 MWF 12:10-1:00 MEETS: JAN 14-MAY 10
 8643090 18 MWF 12:10-1:00 MEETS: JAN 14-MAY 10
 8643095 19 MWF 12:10-1:00 MEETS: JAN 14-MAY 10
 8643100 20 MWF 1:10-2:00 MEETS: JAN 14-MAY 10
 8643105 21 MWF 1:10-2:00 MEETS: JAN 14-MAY 10
 8643110 22 MWF 1:10-2:00 MEETS: JAN 14-MAY 10
 8643115 23 MWF 2:10-3:00 MEETS: JAN 14-MAY 10
 8643120 24 MWF 2:10-3:00 MEETS: JAN 14-MAY 10
 8643125 25 MWF 3:10-4:00 MEETS: JAN 14-MAY 10
 8643130 26 MWF 3:10-4:00 MEETS: JAN 14-MAY 10
 8643135 27 MWF 3:10-4:00 MEETS: JAN 14-MAY 10
 8643140 28 MWF 9:00-9:50 MEETS: JAN 14-MAY 10
 8643145 29 MWF 9:00-9:50 MEETS: JAN 14-MAY 10
 8643150 30 MWF 10:00-10:50 MEETS: JAN 14-MAY 10
 8643155 31 MWF 10:00-10:50 MEETS: JAN 14-MAY 10
 8643160 32 MWF 2:10-3:00 MEETS: JAN 14-MAY 10
 8643165 33 MWF 3:10-4:00 MEETS: JAN 14-MAY 10
 8643170 34 TR 2:10-3:30 MEETS: JAN 14-MAY 10
 8643175 35 TR 11:00-12:20 MEETS: JAN 14-MAY 10
 8643180 36 TR 2:10-3:30 MEETS: JAN 14-MAY 10
 8643185 37 TR 12:40-2:00 MEETS: JAN 14-MAY 10
 8643205 38 TR 11:00-12:20 ARRANGED MEETS: JAN 14-MAY 10
 Note: SEC 38 RESTRICTED TO SENIORS ONLY
 SEC 38 IS A WEB-BLENDED COURSE WITH 50% OF CLASS TAKING PLACE ONLINE AND 50% OF CLASS MEETINGS TAKING PLACE ON CAMPUS AT THE TIME AND LOCATION THIS INDICATED ABOVE. THIS COURSE WILL HAVE 16 ON CAMPUS MEETINGS OCCURRING ON 1/15, 1/31, 2/12, 2/19, 2/21, 2/26, 2/28, 3/12, 3/26, 4/2, 4/4, 4/9, 4/11, 4/25, 4/30, 5/2.
 Course delivery is WWW
 8643210 39 TR 11:00-12:20 MEETS: JAN 14-MAY 10
 8643215 40 TR 12:40-2:00 ARRANGED MEETS: JAN 14-MAY 10
 Note: SEC 40 IS A WEB-BLENDED COURSE WITH 50% OF CLASS TAKING PLACE ONLINE AND 50% OF CLASS MEETINGS TAKING PLACE ON CAMPUS AT THE TIME AND LOCATION THIS INDICATED ABOVE. THIS COURSE WILL HAVE 16 ON CAMPUS MEETINGS OCCURRING ON 1/15, 1/31, 2/12, 2/19, 2/21, 2/26, 2/28, 3/12, 3/26, 4/2, 4/4, 4/9, 4/11, 4/25, 4/30, 5/2.
 Course delivery is WWW
 8643220 41 TR 2:10-3:30, ARRANGED MEETS: JAN 14-MAY 10
 Note: SEC 41 IS A WEB-BLENDED COURSE WITH 50% OF CLASS TAKING PLACE ONLINE AND 50% OF CLASS MEETINGS TAKING PLACE ON CAMPUS AT THE TIME AND LOCATION THIS INDICATED ABOVE. THIS COURSE WILL HAVE 16 ON CAMPUS MEETINGS OCCURRING ON 1/15, 1/31, 2/12, 2/19, 2/21, 2/26, 2/28, 3/12, 3/26, 4/2, 4/4, 4/9, 4/11, 4/25, 4/30, 5/2.
 Course delivery is WWW
 8643225 42 TR 2:10-3:30, ARRANGED MEETS: JAN 14-MAY 10
 Note: SEC 42 IS A WEB-BLENDED COURSE WITH 50% OF CLASS TAKING PLACE ONLINE AND 50% OF CLASS MEETINGS TAKING PLACE ON CAMPUS AT THE TIME AND LOCATION THIS INDICATED ABOVE. THIS COURSE WILL HAVE 16 ON CAMPUS MEETINGS OCCURRING ON 1/15, 1/31, 2/12, 2/19, 2/21, 2/26, 2/28, 3/12, 3/26, 4/2, 4/4, 4/9, 4/11, 4/25, 4/30, 5/2.
 Course delivery is WWW

SPEECH COMMUNICATION (CONTINUED)

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 8643230 43 TR 12:40-2:00
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 43 IS A WEB-BLENDED COURSE WITH 50% OF CLASS TAKING PLACE ONLINE AND 50% OF CLASS MEETINGS TAKING PLACE ON CAMPUS AT THE TIME AND LOCATION THIS INDICATED ABOVE. THIS COURSE WILL HAVE 16 ON CAMPUS MEETINGS OCCURRING ON 1/15, 1/31, 2/12, 2/19, 2/21, 2/26, 2/28, 3/12, 3/26, 4/2, 4/4, 4/9, 4/11, 4/25, 4/30, 5/2.
 8643235 44 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 8643240 45 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 8643245 46 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 8643250 47 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 8643255 48 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 8643260 49 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10

SPECIAL PROJECTS SP CM 290 1- 2 CREDITS
 Prereq: 3 CREDITS IN SP CM; PERMISSION OF PROGRAM DIRECTOR
 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 ETC RESTRICTED TO SP CM MAJORS ONLY. SEC A2,B2 ETC RESTRICTED TO MAJORS OTHER THAN SP CM.
 6429005 A1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 6429010 A2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 6429015 B1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC B1 DELIVERY WEB IN CLASSROOM BLENDED WITH 60 % OF CLASS MEETINGS TAKING PLACE ONLINE. 10 ON-CAMPUS MEETINGS 1/14,2/13,2/25,2/27,3/13,3/25,3/27,4/24,4/29,5/1, AND 2 ON CAMPUS BY APPOINTMENT CONFERENCES WITH INSTRUCTOR
 6429020 B2 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC B2 DELIVERY WEB IN CLASSROOM BLENDED WITH 60% OF CLASS MEETINGS TAKING PLACE ONLINE. 10 ON-CAMPUS MEETINGS 1/14,2/13,2/25,2/27,3/13,3/25,3/27,4/24,4/29,5/1, AND 2 ON CAMPUS BY APPOINTMENT CONFERENCES WITH INSTRUCTOR
 6429025 C1 MW 3:10-4:30 ARRANGED
 MEETS: JAN 14-MAY 10
 6429030 C2 MW 3:10-4:30 ARRANGED
 MEETS: JAN 14-MAY 10
 6429035 D1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 6429040 D2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

GENDER & COMMUNICTN SP CM 323 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2640005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 2640010 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 2640015 C TR 2:10-3:30
 MEETS: JAN 14-MAY 10

LEGAL COMMUNICATION SP CM 324 3 CREDITS
 Prereq: SP CM 212
 6190005 A MW 5:10-6:40PM
 MEETS: JAN 14-MAY 10

PERSUASN&SOC INFLUE SP CM 327 3 CREDITS
 Prereq: SP CM 212
 Note: SEC A1 RESTRICTED TO SP CM MAJORS ONLY. SEC A2 FOR MAJORS OTHER THAN SP CM.
 6437005 A1 TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 6437010 A2 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

RHETORICAL TRADITNS SP CM 350 3 CREDITS
 Prereq: ENGL 250
 3005005 A1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM MAJORS ONLY
 TOPIC: HISTORY & THEORY OF RHETORIC
 3005010 A2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM TOPIC: HISTORY & THEORY OF RHETORIC

SPEECH COMMUNICATION (CONTINUED)

RHETORICAL TRADITNS SP CM 350 3 CREDITS
 3005015 B1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 3005020 B2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

HIST AM PBLC ADDRSS SP CM 416 3 CREDITS
 Prereq: SP CM 212
 6440005 MW 3:30-4:50
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY SP CM 490 1- 3 CREDITS
 Prereq: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATN, PERMISSION OF PROGRAM DIRECTOR
 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 14-MAY 10
 Note: Instructor permission required.

TEACHING SPEECH SP CM 495B 3 CREDITS
 Prereq: SP CM 313; 9 CR IN SP CM; MINIMUM GPA OF 2.5 IN SP CM COURSES
 6446005 A ARRANGED
 MEETS: JAN 14-MAY 10

CAPSTONE SEMINAR SP CM 497 3 CREDITS
 Prereq: 15 CR IN SP CM; JR OR SR CLASSIFICATION
 Note: FOR IRC SENIORS ONLY
 8572005 A TR 9:30-10:50
 MEETS: JAN 14-MAY 10

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 INSTRUCTOR
 2093005 ARRANGED
 MEETS: JAN 14-MAY 10

HIST RHETO THEORY I SP CM 547 3 CREDITS
 Prereq: 6 CREDITS IN ENGLISH
 1353005 A R 3:10-6:00PM
 MEETS: JAN 14-MAY 10

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

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 14-MAY 10

Note: Instructor permission required 1st week.
 6502010 B MWF 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 14-MAY 10

Note: Instructor permission required 1st week.
 6502015 C MWF 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 14-MAY 10

Note: Instructor permission required 1st week.
 6502020 D MWF 10:00-10:50
 T 4:10-6:00PM
 MEETS: JAN 14-MAY 10

Note: Instructor permission required 1st week.
 6502025 E MWF 11:00-11:50
 W 12:10-2:00
 MEETS: JAN 14-MAY 10

Note: Instructor permission required 1st week.
 6502030 F MWF 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 14-MAY 10

Note: Instructor permission required 1st week.
 6502035 G MWF 3:10-4:00
 R 2:10-4:00
 MEETS: JAN 14-MAY 10

Note: Instructor permission required 1st week.
 6502040 H MWF 3:10-4:00
 R 4:10-6:00PM
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 Note: Instructor permission required 1st week.
 6502050 K MWF 2:10-3:00
 T 12:10-2:00
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 6502055 L MWF 1:10-2:00
 W 8:00-9:50
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required 1st week.
 6502060 M MWF 1:10-2:00
 W 10:00-11:50
 MEETS: JAN 14-MAY 10
 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 14-MAY 10
 6503010 B TR 2:10-3:00
 F 2:10-4:00
 MEETS: JAN 14-MAY 10
 6503015 C TR 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 14-MAY 10
 6503020 D TR 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 14-MAY 10
 6503025 E MW 8:00-8:50
 R 12:10-2:00
 MEETS: JAN 14-MAY 10
 6503030 F MW 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 14-MAY 10

INTRO STAT FOR ENGR STAT 105 3 CREDITS
 Prereq: MATH 165
 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 14-MAY 10

INTR STAT CNCPT&MTH STAT 201 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 165
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226.
 4709005 MWF 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 14-MAY 10
 Note: THIS SECTION IS RESTRICTED TO MATH AND STAT MAJORS ONLY

INTR BUSINES STAT I STAT 226 3 CREDITS
 Prereq: MATH 150 OR MATH 165
 Note: ON-CAMPUS SEC. RESTRICTED TO ACCT, AG B, BUS S, BUSAD, BUSEC, BUS U, ECON, ENTSP, 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 14-MAY 10
 3975010 B TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 3975015 C TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 3975020 D TR 2:10-3:30
 MEETS: JAN 14-MAY 10
 3975025 E TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 3975030 F TR 8:00-9:20
 MEETS: JAN 14-MAY 10
 3975035 G TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 3975040 J TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 3975045 K TR 11:00-12:20
 MEETS: JAN 14-MAY 10

PROB&INFERNC, ENGRS STAT 231 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 265 (OR MATH 265H)
 Note: Instructor permission required 1st week.
 6507005 A MTRF 8:00-8:50
 MEETS: JAN 14-MAY 10
 6507010 B MTRF 12:10-1:00
 MEETS: JAN 14-MAY 10

STATISTICS

(CONTINUED)

INTMD STT CNCPT&MTH STAT 301 4 CREDITS
 Prereq: STAT 101 OR STAT 104 OR STAT 105 OR STAT 201
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 301, STAT 326, STAT 401
 4710005 A TR 9:30-10:50
 R 2:10-4:00
 MEETS: JAN 14-MAY 10
 4710010 B TR 11:00-12:20
 R 4:10-6:00PM
 MEETS: JAN 14-MAY 10

ENGINEERING STAT STAT 305 3 CREDITS
 Prereq: MATH 165
 Note: CREDIT FOR EITHER STAT 105 OR STAT 305, NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. ON-CAMPUS SECTIONS RESTRICTED TO ENGR COLLEGE MAJORS AND MTEOR, PHYS, PHYSA, COM S, P CS MAJORS ONLY.
 6509005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 6509010 B TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 6509015 C TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 6509020 D TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 6509025 E TR 9:30-10:50
 MEETS: JAN 14-MAY 10
 6509030 F TR 2:10-3:30
 MEETS: JAN 14-MAY 10

PROBAB MTH,ELEC ENG STAT 322 3 CREDITS
 Prereq: E E 224
 6857005 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

INTR BUSINS STAT II STAT 326 3 CREDITS
 Prereq: STAT 226
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 301, STAT 326, STAT 401
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 6510005 A MW 3:10-4:00
 R 4:10-6:00PM
 MEETS: JAN 14-MAY 10
 6510010 B MW 3:10-4:00
 R 2:10-4:00
 MEETS: JAN 14-MAY 10
 6510015 C MW 3:10-4:00
 R 12:10-2:00
 MEETS: JAN 14-MAY 10
 6510020 D MW 3:10-4:00
 F 12:10-2:00
 MEETS: JAN 14-MAY 10
 6510025 E MW 3:10-4:00
 F 10:00-11:50
 MEETS: JAN 14-MAY 10
 6510030 F MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 14-MAY 10
 6510035 G MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 14-MAY 10
 6510040 J MW 1:10-2:00
 F 8:00-9:50
 MEETS: JAN 14-MAY 10
 6510045 K MW 1:10-2:00
 F 10:00-11:50
 MEETS: JAN 14-MAY 10
 6510050 L MW 1:10-2:00
 F 12:10-2:00
 MEETS: JAN 14-MAY 10

PROBAB&STAT COM SCI STAT 330 3 CREDITS
 Prereq: MATH 166
 7372005 A MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 7372010 B MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

INTR THY PROBAB&S I STAT 341 4 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 9:00-9:50
 T 2:10-4:00
 MEETS: JAN 14-MAY 10

INTR THY PR&STAT II STAT 342 4 CREDITS
 Prereq: STAT 201 OR EQUIVALENT; STAT 341; MATH 207 OR MATH 317
 6512005 MWF 10:00-10:50
 T 12:10-2:00
 MEETS: JAN 14-MAY 10

STATISTICS (CONTINUED)

STATISTICS (CONTINUED)

STAT QUALITY ASSURN STAT 361 3 CREDITS
 Prereq: STAT 231 OR STAT 401
 6513005 A T 3:40-5:30
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO I E & STAT MAJORS ONLY

COOPERATIVE EDUCATN STAT 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 1530005 ARRANGED
 MEETS: JAN 14-MAY 10

STAT DESIGN&EXPERMT STAT 402 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 6515005 A MWF 8:00-8:50
 MEETS: JAN 14-MAY 10
 Note: SEC A FOR HD FS, H SCI, POL S, PSYCH AND SOC MAJORS ONLY.

6515010 B MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC B FOR PHYS SCIENCES, MATH, ENGR, UNDERGRADS

6515015 C MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 Note: SEC C RESTRICTED TO A E, A B E, BBMA, BBMS, DIETH, EEOB, EEOBS, FSHNH, FS H, GENGM, GENET, IMBIO, KIN, KIN H, NEURO, MCDB, NEURO, ZLGNS, P PHY, PLBIO, PLP M AG COLLEGE & VET COLLEGE MAJORS ONLY.

REGRES SOC&BHAV RES STAT 404 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 6517005 MW 1:10-2:00
 T 4:10-6:00PM
 MEETS: JAN 14-MAY 10

ST MTH SPATIAL DATA STAT 406 3 CREDITS
 Prereq: 6 HOURS OF STAT AT THE 400-LEVEL
 4015005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

SURVEY SAMPL TECHNQ STAT 421 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 6520005 TR 8:30-9:20
 R 12:10-2:00
 MEETS: JAN 14-MAY 10

BAYESIAN DATA ANALY STAT 444 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401;
 STAT 342 OR STAT 447
 8928005 MW 10:00-10:50
 T 12:10-2:00
 MEETS: JAN 14-MAY 10

APPLIED TIME SERIES STAT 451 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 Note: Instructor permission required 1st week.
 6524005 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

APL CATEG DATA ANLY STAT 457 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 1365005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

STAT COMPUTING APPL STAT 480 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 6525005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

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; STAT 542; STAT 479 OR EQUIV;
 KNOWLEDGE OF MATRIX ALGEBRA
 6530005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

APP MOD MLTVRT LRNG STAT 502 3 CREDITS
 Prereq: STAT 500, STAT 542, STAT 579
 9789005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

ST MTH SPATIAL DATA STAT 506 3 CREDITS
 Prereq: STAT 447 OR STAT 542
 4078005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

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 14-MAY 10

THY&APP SAMPLE SURV STAT 521 3 CREDITS
 Prereq: STAT 401; STAT 447 OR STAT 542
 6535005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

RELIABILITY STAT 533 3 CREDITS
 Prereq: STAT 342 OR STAT 432 OR STAT 447
 6538005 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

THRY PROBAB&STAT II STAT 543 3 CREDITS
 Prereq: STAT 542
 6547005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

BAYESIAN STATISTICS STAT 544 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMT IN STAT 543
 6548005 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

STAT BIOINFORMATICS STAT 568 3 CREDITS
 Prereq: BCB 567 OR BIOL 315 AND STAT 430;
 CREDIT OR ENROLLMENT IN GEN 409
 5070005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

SYSTEMS BIOLOGY 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 14-MAY 10

STATISTCL COMPUTING STAT 580 3 CREDITS
 Prereq: STAT 579; STAT 447 OR STAT 542
 6553005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

ANLY GENE EXPRS DTA STAT 581 3 CREDITS
 Prereq: STAT 401 OR STAT 587
 Note: CREDIT IN STAT 581 MAY NOT BE APPLIED TOWARD GRADUATION AS GRADUATE CREDIT IN STATISTICS MS AND PH D DEGREE PROGRAMS. CREDIT IN EITHER STAT 581 OR STAT 416, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 3662005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

DATA TEC STAT ANLYS STAT 585 3 CREDITS
 Prereq: STAT 579
 5847005 MW 3:40-5:00
 MEETS: JAN 14-MAY 10

STAT MTHD FOR RSRCH STAT 587 4 CREDITS
 Prereq: ONE OF THE FOLLOWING: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226, OR EQUIVALENT UNDERGRAD LEVEL APPLIED STATISTICS COURSE; OR PERMISSION OF DEPARTMENT
 Note: CREDIT IN STAT 587 MAY NOT BE APPLIED TOWARD GRADUATION AS GRADUATE CREDIT IN STATISTICS MS AND PH D DEGREE PROGRAMS. CREDIT IN EITHER STAT 587 OR STAT 401, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 3680005 A MWF 9:00-9:50
 W 12:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO AG COLLEGE AND VET COLLEGE MAJORS, A E, A B E, BCB, BIOL, BOT S, D EX, D EXH, DIETH, EEB, EEOB, EEOBS, FS H, FSHNH, GDCB, GDCBS, GENET, HHP, IMBIO, MCDB, NEURO, NS H, NUTR, P PHY, PDEXH, PLBIO, SUSAG, TOX, ZLGNS
 Instructor permission required 1st week.

3680010 B TR 11:00-12:20
 F 2:10-4:00
 MEETS: JAN 14-MAY 10
 Note: SEC B FOR TO POL S, EDUC, HD FS, PSYCH, SOC, INTST, INDIS MAJORS
 Instructor permission required 1st week.

3680015 C MWF 1:10-2:00
 T 10:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC C FOR ENGINEERING, PHYSICAL SCIENCES MAJORS
 Instructor permission required 1st week.

STAT THEORY FOR RES STAT 588 4 CREDITS
 Prereq: MATH 151 AND INSTR PERMISSN, OR MATH 265
 Note: CREDIT IN STAT 588 MAY NOT BE APPLIED TOWARD GRADUATION AS GRADUATE CREDIT IN STATISTICS MS AND PH D DEGREE PROGRAMS. CREDIT IN STAT 588 OR STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 3694005 TR 12:40-2:00
 W 1:10-2:00
 MEETS: JAN 14-MAY 10

STATISTICS (CONTINUED)

SUPPLY CHAIN MANAGEMENT (CONTINUED)

SPECL TOPICS THEORY STAT 590A VAR. CREDITS
 6554005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOP DESGN EXPER STAT 590C VAR. CREDITS
 6556005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOP SAMP SURVEY STAT 590D VAR. CREDITS
 6557005 ARRANGED
 MEETS: JAN 14-MAY 10

SPL TOPCS STAT EDUC STAT 590E VAR. CREDITS
 8521005 ARRANGED
 MEETS: JAN 14-MAY 10

COOPERATIVE EDUCATN STAT 598 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT CHAIR
 4153002 ARRANGED
 MEETS: JAN 14-MAY 10

CREATIVE COMPONENT STAT 599 VAR. CREDITS
 Satisfactory-Fail Only
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV STATISTIC METHODS 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 14-MAY 10

MOD MLTVRT STT LRNG STAT 602 3 CREDITS
 Prereq: STAT 520, STAT 543, STAT 579
 4954005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

ADV PROBABILITY THRY STAT 642 3 CREDITS
 Prereq: STAT 641, OR STAT 543 AND MATH 515
 6565005 TR 2:10-3:30
 MEETS: JAN 14-MAY 10

ADV STOCHAST PROCES STAT 645 3 CREDITS
 3767005 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

ADVANCED TIME SERIES STAT 651 3 CREDITS
 Prereq: STAT 551, STAT 642
 6570005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

ADV SPL TOPC THEORY STAT 690A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6851005 ARRANGED
 MEETS: JAN 14-MAY 10

ADV SPL TOP METHODS STAT 690B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: TOPIC: MODERN STATISTICAL LEARNING II
 OFFERED FOR 1 CREDIT SPRING 2019
 6852005 1 ARRANGED
 MEETS: JAN 14-MAY 10

ADV TOP DSIGN EXPER STAT 690C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6854005 ARRANGED
 MEETS: JAN 14-MAY 10

ADV TOP SAMP SURVEY STAT 690D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6855005 ARRANGED
 MEETS: JAN 14-MAY 10

ADV TOP STAT COMPUT STAT 690E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1709005 ARRANGED
 MEETS: JAN 14-MAY 10

ADV TOPICS GRAPHICS STAT 690F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3189005 ARRANGED
 MEETS: JAN 14-MAY 10

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, AG SO,
 AST, BUS U, BUSEC, I TEC, ENTSP, FIN, MGMT, MIS,
 MKT, P S A, SCM. SEC A2,B2,ECT FOR COLLEGES
 SEC A2,B2,ECT FOR COLLEGES OTHER THAN BUSINESS,
 AG B, AST, AG SO.
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION
 OF 1200 GERDIN

1629005 A1 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

1629010 A2 MWF 8:00-8:50
 MEETS: JAN 14-MAY 10

1629015 B1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

1629020 B2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
 1629025 C1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

1629030 C2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

1629035 D1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

1629040 D2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

1629045 E1 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

1629050 E2 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10

1629055 F1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

1629060 F2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

1629065 G1 W 6:40-9:25PM
 MEETS: JAN 14-MAY 10

1629070 G2 W 6:40-9:25PM
 MEETS: JAN 14-MAY 10

1629075 J1 M 6:40-9:25PM
 MEETS: JAN 14-MAY 10

1629080 J2 M 6:40-9:25PM
 MEETS: JAN 14-MAY 10

1629085 K1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

1629090 K2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

1629095 L1 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

1629100 L2 TR 3:40-5:00
 MEETS: JAN 14-MAY 10

1629105 M1 T 2:10-3:25, ARRANGED
 MEETS: JAN 14-MAY 10

1629110 M2 T 2:10-3:25, ARRANGED
 MEETS: JAN 14-MAY 10

1629115 N1 R 2:10-3:25, ARRANGED
 MEETS: JAN 14-MAY 10

1629120 N2 R 2:10-3:25, ARRANGED
 MEETS: JAN 14-MAY 10

PROJECT MANAGEMENT SCM 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301

7426005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

7426010 B TR 3:40-4:55
 MEETS: JAN 14-MAY 10

7426015 C TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10

7426020 D MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

PROCSS MGT,AN&IMPRV SCM 424 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 ENTSP, FIN, I BUS, MGMT, MIS, MKT, SCM UNDERGRAD
 MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR
 PERMISSION.

5287005 A TR 2:10-3:25
 MEETS: JAN 14-MAY 10

5287010 B TR 5:10-6:25PM
 MEETS: JAN 14-MAY 10

5287015 C TR 12:40-2:00
 MEETS: JAN 14-MAY 10

SUPPLY CHAIN ANALYTIC SCM 430X 3 CREDITS
 Prereq: SCM 301

9954005 A TR 3:40-4:55
 MEETS: JAN 14-MAY 10

ERP SYS&SUPPLY CHAIN SCM 450 3 CREDITS
 Prereq: SCM 301, MIS 301 OR I E 148, I E 341

8120005 A1 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

Note: SEC A1 RESTRICTED TO MIS, SCM MAJORS ONLY

8120010 A2 MWF 2:10-3:00
 MEETS: JAN 14-MAY 10

Note: SEC A2 RESTRICTED TO ACCT, BUSEC, BUS U, FIN,
 ENTSP, MGMT, MKT, UNDERGRAD MAJORS ONLY

SPLY CHN PLAN&CNTRL SCM 453 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO COLLEG OF BUSINESS
 MAJOR EXCEPT P BUS. GRAD STUDENTS SEE 1200
 GERDIN FOR PERMISSION.

4729005 A TR 12:40-2:00
 MEETS: JAN 14-MAY 10

4729010 B TR 3:40-5:00
 MEETS: JAN 14-MAY 10

4729015 C TR 8:00-9:15
 MEETS: JAN 14-MAY 10

DECISN TOOLS LOG&OP SCM 460 3 CREDITS
 Prereq: SCM 301
 Note: NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN.

6790005 A1 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

Note: SEC A1 RESTRICTED TO SCM MAJORS ONLY

6790010 A2 TR 9:30-10:45
 MEETS: JAN 14-MAY 10

Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 ENTSP, FIN, MGMT, MIS, MKT MAJORS ONLY.
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION
 FROM 1200 GERDIN.

SUPPLY CHAIN MANAGEMENT (CONTINUED)

DECISN TOOLS LOG&OP SCM 460 3 CREDITS
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 6790015 B1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 6790020 B2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

PRIN TRANSPORTATION SCM 461 3 CREDITS
 Prereq: SCM 301
 Note: GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 SEC A1, B1 ETC RESTRICTED TO SCM UNDERGRADS
 ONLY. SEC A2B2 ECT RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, ENTSP, FIN, MGMT, MIS, MKT UNDERGRADS
 6791005 A1 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 6791010 A2 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 6791015 B1 T 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 6791020 B2 T 6:40-9:25PM
 MEETS: JAN 14-MAY 10
 6791025 C1 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 6791030 C2 MWF 12:10-1:00
 MEETS: JAN 14-MAY 10

SUSTNB SPLY CHN MGT SCM 471X 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 ENTSP, FIN, I BUS, MGMT, MIS, MKT, SCM MAJORS
 ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION
 9782005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

PRIN PRCHS&SPLY MGT SCM 486 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 ENTSP, FIN, I BUS, MGMT, MIS, MKT, SCM MAJORS
 ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION
 4788005 A MW 9:00-9:50, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC A IS A HYBRID CLASS THAT WILL MEET
 MONDAY & WEDNESDAY IN CLASSROOM WITH THE
 REMAINDER OF THE COURSE CONTENT DELIVERED
 ONLINE.
 4788010 B MW 3:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC B IS A HYBRID CLASS THAT WILL MEET
 MONDAY & WEDNESDAY IN CLASSROOM WITH THE
 REMAINDER OF THE COURSE CONTENT DELIVERED
 ONLINE.
 4788015 C M 6:40-8:20PM
 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC C IS A HYBRID CLASS THAT WILL MEET
 MONDAY IN CLASSROOM WITH THE REMAINDER OF THE COURSE
 COURSE CONTENT DELIVERED ONLINE.

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

CASE PRACTICUM SCM 495 3 CREDITS
 Prereq: SCM 301
 4577005 A M 5:10-6:25PM
 ARRANGED
 MEETS: JAN 14-MAY 10

SUPPLY CHAIN MGMT SCM 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 9391005 A TR 7:30-10:50
 MEETS: FEB 26-APRIL 11

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
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8039005 A M 9:00-11:00
 MEETS: JAN 14-MAY 10

DISSERTATION SCM 699 12 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION
 OF DISSERTATION SUPERVISOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUSTAINABLE AGRICULTURE

STRAT DIVERSFD FARM SUSAG 546 3 CREDITS
 Prereq: SUSAG 509
 7427005 1 ARRANGED
 MEETS: JAN 14-MAY 10

AGROFORESTRY SYSTMS SUSAG 571 3 CREDITS
 Prereq: 6 CR IN BIOL SCI AT 300-LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 5077005 TR 8:00-8:50
 M 1:10-4:00
 MEETS: JAN 14-MAY 10

ORGANC AG THRY&PRAC SUSAG 584 3 CREDITS
 Prereq: 9 CREDITS IN BIOLOGICAL OR PHYSICAL SCI
 3420005 1 T 6:10-9:00PM
 MEETS: JAN 14-MAY 10

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 14-MAY 10
 Section info: <https://susag.iastate.edu/colloquium>

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

SUSTAINABLE ENVIRONMENTS

SUSTNBL DSN STDIO I SUS E 501 5 CREDITS
 Prereq: SUS E 521
 3009005 WF 1:10-5:20
 MEETS: JAN 14-MAY 10

SUSTN DSN COLLOQ II SUS E 512 1 CREDIT
 Prereq: SUS E 511
 3625005 M 6:10-8:00PM
 MEETS: JAN 14-MAY 10

HUMN DIMENS SUSNBLY SUS E 531 3 CREDITS
 Prereq: GRADUATE STANDING OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 3820005 T 5:40-8:10PM
 MEETS: JAN 14-MAY 10

MTHDS SUSTNBL DSIGN SUS E 540 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 4055005 F 8:00-10:40
 MEETS: JAN 14-MAY 10

TECHNOLOGY & SOCIAL CHANGE

GLOBAL SUSTAINABLY T SC 220 3 CREDITS
 Note: T SC 220/ANTHR 220/ENV S 220/GLOBE 220/MAT E 220/
 M E 220/SOC 220 MAY NOT BE APPLIED AS TECHNICAL
 ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 3640005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

WORLD FOOD ISSUES T SC 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 5256005 1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 5256010 2 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 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
 MEETS: JAN 14-MAY 10
 5256020 4 MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 5256025 5 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

PHIL OF TECHNOLOGY T SC 343 3 CREDITS
 Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
 AND 3 CREDITS OF SOCIAL SCIENCE
 5211005 A MWF 12:10-1:00
 MEETS: JAN 14-MAY 10
 5211010 B MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 5211015 C TR 9:30-10:50
 MEETS: JAN 14-MAY 10

TECHNOLOGY & SOCIAL CHANGE (CONTINUED)

SEM SOC CHNG:TECHNL T SC 543C 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCIENCES
 3867005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

TECHNOLOGY SYSTEMS MANAGEMENT

EXPERNCING TECHNOL TSM 111 1 CREDIT
 Prereq: AST AND I TEC MAJORS ONLY OR PERMISSION
 OF INSTRUCTOR

8507005 A M 2:10-4:00
 MEETS: JAN 14-MARCH 8
 8507010 B M 2:10-4:00
 MEETS: MARCH 11-MAY 10
 8507015 C W 2:10-4:00
 MEETS: JAN 14-MARCH 8
 8507020 D W 2:10-4:00
 MEETS: MARCH 11-MAY 10

SOLV TECHNOL PROBLM TSM 115 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN
 MATH 140 OR HIGHER

1358005 A MW 10:00-11:50
 MEETS: JAN 14-MAY 10
 1358010 B TR 3:40-5:40
 MEETS: JAN 14-MAY 10

INTR DSIGN IN TCNOL TSM 116 3 CREDITS

4496005 A TR 10:00-11:50
 MEETS: JAN 14-MAY 10

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 14-MARCH 8

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 14-MAY 10
 Note: SEC A1 RESTRICTED TO A B E, AST AND I TEC
 MAJORS
 1359010 A2 TR 3:40-5:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN A B E, AST OR I TEC

MANAGING TECNL PROJ TSM 214 1 CREDIT

Prereq: TSM 201 OR A B E 201; SOPHOMORE
 CLASSIFICATION IN A E, AST, BSE, OR I TEC
 4057005 A MW 4:10-5:00
 MEETS: MARCH 11-MAY 10

ADV TECH GRPHCS&CAD TSM 216 2 CREDITS

Prereq: TSM 116
 4504005 A TR 8:00-9:30
 MEETS: JAN 14-MAY 10
 4504010 B TR 12:40-2:00
 MEETS: JAN 14-MAY 10

INTRO MFG PROC METL TSM 240 3 CREDITS

6601005 A M 2:10-3:00
 WF 9:00-10:50
 MEETS: JAN 14-MAY 10
 6601010 B M 2:10-3:00
 WF 12:10-2:00
 MEETS: JAN 14-MAY 10
 6601015 C M 2:10-3:00
 TR 9:00-10:50
 MEETS: JAN 14-MAY 10
 6601020 D M 2:10-3:00
 TR 12:10-2:00
 MEETS: JAN 14-MAY 10
 6601025 E M 2:10-3:00
 WF 8:00-9:50
 MEETS: JAN 14-MAY 10
 6601030 F M 2:10-3:00
 WF 10:00-11:50
 MEETS: JAN 14-MAY 10
 6601035 G M 2:10-3:00
 TR 8:00-9:50
 MEETS: JAN 14-MAY 10
 6601040 H M 2:10-3:00
 TR 10:00-11:50
 MEETS: JAN 14-MAY 10

PRIN INJURY PREVENT TSM 270 3 CREDITS

5625005 A ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

TOTAL QUAL IMPROVMT TSM 310 3 CREDITS

Prereq: STAT 101 OR STAT 104, JR CLASSIFICATION
 9202005 A1 R 3:40-5:00, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO AST, I TEC MAJORS ONLY
 9202010 A2 R 3:40-5:00, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN AST, I TEC

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

PRESRV GRAIN QUALITY TSM 322 2 CREDITS

Prereq: MATH 140 OR HIGHER
 1352005 A1 MW 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO AST, I TEC MAJORS ONLY
 1352010 A2 MW 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN AST, I TEC

PRSRV GRAIN QUALITY TSM 322L 1 CREDIT

Prereq: CREDIT OR ENROLLMENT IN TSM 322
 5581005 A T 12:10-3:00
 MEETS: JAN 14-MAY 10
 5581010 B W 12:10-3:00
 MEETS: JAN 14-MAY 10
 5581015 C W 3:10-6:00PM
 MEETS: JAN 14-MAY 10

SOIL&WTR CONSRV MGT TSM 324 3 CREDITS

Prereq: MATH 140 OR MATH 151
 1345005 A MW 8:00-8:50
 T 12:10-1:30
 MEETS: JAN 14-MAY 10

AG MACHNRY &PWR MGT TSM 330 3 CREDITS

Prereq: TSM 210; MATH 145 OR MATH 151
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS
 MINORS MAY REQUEST A SIGNATURE TO ADD
 1347005 A MW 10:00-10:50
 W 3:10-5:00
 MEETS: JAN 14-MAY 10
 1347010 B MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 14-MAY 10
 1347015 C MW 10:00-10:50
 W 1:10-3:00
 MEETS: JAN 14-MAY 10

FLUID PWR SYS TCNOL TSM 337 3 CREDITS

Prereq: TSM 210
 3335005 A MW 11:00-11:50
 T 9:00-10:50
 MEETS: JAN 14-MAY 10
 3335010 B MW 11:00-11:50
 T 12:40-2:30
 MEETS: JAN 14-MAY 10
 3335015 C MW 11:00-11:50
 R 12:10-2:00
 MEETS: JAN 14-MAY 10
 3335020 D MW 11:00-11:50
 F 12:10-2:00
 MEETS: JAN 14-MAY 10

ADV AUTOMA MFG PROC TSM 340 3 CREDITS

Prereq: TSM 210, TSM 216, TSM 240, MATH 151
 Note: COURSE RESTRICTED TO I TEC MAJORS ONLY
 4522005 A MW 9:00-9:50
 R 1:10-3:00
 MEETS: JAN 14-MAY 10
 4522010 B MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 14-MAY 10
 4522015 C MW 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 14-MAY 10
 4522020 D MW 9:00-9:50
 F 8:00-9:50
 MEETS: JAN 14-MAY 10
 4522025 E MW 9:00-9:50
 W 2:10-4:00
 MEETS: JAN 14-MAY 10

ELECTR FOR AG&INDUS TSM 363 4 CREDITS

Prereq: TSM 210
 Note: COURSE RESTRICTED TO A E, AST, BSE & I TEC
 MAJORS ONLY.
 6831005 A TR 8:00-9:20
 T 12:10-3:00
 MEETS: JAN 14-MAY 10
 6831010 B TR 8:00-9:20
 W 12:10-3:00
 MEETS: JAN 14-MAY 10
 6831015 C TR 8:00-9:20
 M 12:10-3:00
 MEETS: JAN 14-MAY 10

OCCUPATIONAL SAFETY TSM 370 3 CREDITS

Prereq: TSM 270, JUNIOR STANDING
 7282005 W 3:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

OCCUPAT SAFETY MGMT TSM 371 2 CREDITS

5626005 A T 12:10-1:00, ARRANGED
 MEETS: JAN 14-MAY 10

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY INTERNSHP TSM 397 R CREDIT
 Prereq: AT LEAST 45 CREDITS OF COURSEWORK,
 CLASSIFICATION IN AST OR I TEC MAJOR, APPROVAL
 OF INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORK EXPRNCE TCHNOL TSM 399 2 CREDITS
 Prereq: TSM 397 IN THE PRECEDING SEMESTER,
 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

APP PROJ MGT TECHNL TSM 415 2 CREDITS
 Prereq: SENIOR CLASSIFICATION WITH LESS THAN
 32 CREDITS REMAINING; TSM 214; CREDIT OR ENROLLMENT
 FOR CREDIT IN TSM 310
 Note: COURSE RESTRICTED THE AST, I TEC SENIORS ONLY
 6830005 A F 9:00-10:50
 MEETS: JAN 14-MAY 10

TECHNOLOGY CAPSTONE TSM 416 3 CREDITS
 Prereq: TSM 415
 Note: COURSE RESTRICTED TO AST, I TEC SENIORS ONLY
 7031005 A F 11:00-11:50
 ARRANGED
 MEETS: JAN 14-MAY 10
 7031010 B F 11:00-11:50
 ARRANGED
 MEETS: JAN 14-MAY 10

CELLULR LEAN MFG SY TSM 440 3 CREDITS
 Prereq: TSM 310
 Note: COURSE RESTRICTED TO I TEC MAJORS ONLY.
 4536005 A T 9:00-10:50
 R 9:00-10:50
 MEETS: JAN 14-MAY 10

MATERLS FOR TECHNOL TSM 443 3 CREDITS
 Prereq: PHYS 111; MATH 145 OR MATH 151
 6985005 A MW 1:10-2:00
 T 12:40-2:30
 MEETS: JAN 14-MAY 10
 6985010 B MW 1:10-2:00
 T 8:00-9:50
 MEETS: JAN 14-MAY 10

FACILITY PLANNING TSM 444 3 CREDITS
 Prereq: TSM 216; TSM 240; STAT 101 OR STAT 104
 4527005 TR 2:10-3:25
 MEETS: JAN 14-MAY 10

FEED SAFETY,ANLYTCS TSM 457X 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9959005 TR 9:30-10:50 BOWERS E
 MEETS: JAN 14-MAY 10

AUTOMATION SYSTEMS TSM 465 3 CREDITS
 Prereq: TSM 363
 Note: COURSE RESTRICTED TO AST & I TEC MAJORS ONLY
 2-PART COURSE. ALL STUDENTS MUST REGISTER FOR BOTH
 A NUMBERED SEC (LEC) AND LETTERED SEC (LAB).
 7973005 1 MW 12:10-1:00
 MEETS: JAN 14-MAY 10
 7973010 2 MW 2:10-3:00
 MEETS: JAN 14-MAY 10
 7973015 3 MW 3:10-4:00
 MEETS: JAN 14-MAY 10
 7973050 A T 1:10-3:00
 MEETS: JAN 14-MAY 10
 7973055 B T 3:10-5:00
 MEETS: JAN 14-MAY 10
 7973060 C W 9:00-10:50
 MEETS: JAN 14-MAY 10
 7973065 D W 3:10-5:00
 MEETS: JAN 14-MAY 10
 7973070 E R 11:00-12:50
 MEETS: JAN 14-MAY 10
 7973075 F R 3:10-5:00
 MEETS: JAN 14-MAY 10
 7973080 G R 1:10-3:00
 MEETS: JAN 14-MAY 10

SAFETY LABORATORY TSM 471 1 CREDIT
 Prereq: CREDIT OR ENROLLMNT FOR CREDIT IN TSM 470
 5640005 A W 10:00-11:50
 MEETS: JAN 14-MAY 10

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
 Department permission required.
 ***** 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.
 1344005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.
 1344010 B TR 2:10-3:00, ARRANGED
 MEETS: JAN 14-MAY 10

PRE STU ABROAD&POST TSM 495 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 9384800 FR ARRANGED
 MEETS: JAN 14-MAY 10
 Note: PRE-TRAVEL TO PARIS, FRANCE. OFFERED OF 1 CREDIT

FEED SAFETY,ANLYTCS TSM 557X 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9960005 TR 9:30-10:50 HURBURGH C
 MEETS: JAN 14-MAY 10

SPL TP AG&BIOSY MGT 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

CREATIVE COMPONENT TSM 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHING PRACTICUM TSM 694 1- 3 CREDITS
 1919005 A ARRANGED
 MEETS: JAN 14-MAY 10

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 14-MAY 10

DOCTORAL TECH COMM TSM 698 1 CREDIT
 Satisfactory-Fail Only.
 1926005 A ARRANGED
 MEETS: JAN 14-MAY 10

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

RESEARCH TSM 699 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE

INTR PERFORMNG ARTS THTRE 106 3 CREDITS
 6729005 A MWF 2:10-3:00
 MEETS: JAN 14-MAY 10
 6729010 B MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

THEATRE AND SOCIETY THTRE 110 3 CREDITS
 1103005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

THE ACTOR'S VOICE THTRE 151 3 CREDITS
 Note: COURSE RESTRICTED TO PERF MAJORS ONLY
 6730005 A MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A FOR MAJORS OTHER THAN EL ED
 6730010 B MWF 1:10-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC B RESTRICTED TO EL ED MAJORS ONLY

CONCERT&THTRE DANCE THTRE 224 .5- 2 CREDITS
 Prereq: BY AUDITION ONLY
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 6731005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY
 6731010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
 6731015 3 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: SEC 3 OFFERED FOR 2 CREDITS ONLY

THEATRE PRACTICUM THTRE 250 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 6732005 ARRANGED
 MEETS: JAN 14-MAY 10

ACTING I THTRE 251 3 CREDITS
 6733005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC A FOR MAJORS OTHER THAN EL ED
 6733010 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC B FOR MAJORS OTHER THAN EL ED
 6733015 C MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC C FOR MAJORS OTHER THAN EL ED
 6733020 D MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC D RESTRICTED TO EL ED MAJORS ONLY
 6733025 E TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC E RESTRICTED TO EL ED MAJORS ONLY
 6733030 F MWF 10:00-10:50
 MEETS: JAN 14-MAY 10
 Note: SEC F RESTRICTED TO EL ED MAJORS ONLY
 6733035 G MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC G RESTRICTED TO EL ED MAJORS ONLY
 6733040 J MWF 9:00-9:50
 MEETS: JAN 14-MAY 10
 Note: SEC J RESTRICTED TO MAJORS OTHER THAN EL ED

INTR THEATRICAL PROD THTRE 255 4 CREDITS
 6734005 A MWF 1:10-2:00
 M 2:10-5:00
 MEETS: JAN 14-MAY 10
 6734010 B MWF 1:10-2:00
 W 2:10-5:00
 MEETS: JAN 14-MAY 10
 6734015 C MWF 1:10-2:00
 R 2:10-5:00
 MEETS: JAN 14-MAY 10
 6734020 D MWF 1:10-2:00
 F 2:10-5:00
 MEETS: JAN 14-MAY 10

SCRIPT ANALYSIS THTRE 263 3 CREDITS
 6763005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

SPECIAL PROJECTS THTRE 290 1- 3 CREDITS
 Prereq: 3 CREDITS IN THEATRE; PERMISSION OF
 INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE (CONTINUED)

CRTV WRT:PLAYWRITNG THTRE 316 3 CREDITS
 Prereq: ENGL 105 OR ENGL 250, NOT OPEN
 TO FRESHMEN

6736005 A1 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC A1 RESTRICTED TO ENGL MAJORS ONLY
 6736010 A2 TR 11:00-12:20
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL

ACTING II THTRE 351 3 CREDITS
 Prereq: THTRE 251, DANCE 120 RECOMMENDED
 6737005 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

MUSICAL THEATRE II THTRE 355 3 CREDITS
 Prereq: THTRE 354
 3132005 TR 2:10-3:30, ARRANGED
 MEETS: JAN 14-MAY 10

STAGE MAKE-UP THTRE 357 2 CREDITS
 6739005 A TR 2:10-3:30
 MEETS: JAN 14-MAY 10

ORAL INTERPRETATION THTRE 358 3 CREDITS
 6740005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

STAGECRAFT THTRE 360 4 CREDITS
 Prereq: THTRE 255
 6742005 TR 9:30-10:50
 ARRANGED
 MEETS: JAN 14-MAY 10

WKSP:COSTUME DESIGN THTRE 393A 3 CREDITS
 Prereq: THTRE 365
 3626005 TR 11:00-12:20
 MEETS: JAN 14-MAY 10

WRKSP:SCENIC DESIGN THTRE 393B 3 CREDITS
 Prereq: THTRE 365
 3627005 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

WKSP:LIGHTING DSGIN THTRE 393C 3 CREDITS
 Prereq: THTRE 365
 4302005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

DIRECTING II THTRE 456 3 CREDITS
 Prereq: THTRE 455
 1116005 MW 2:10-3:30
 MEETS: JAN 14-MAY 10

HIST OF THEATRE II THTRE 466 3 CREDITS
 Prereq: THTRE 465
 6749005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

ADV THTRE PRACTICUM THTRE 469 1- 3 CREDITS
 Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN THEATRE, APPROVED WRITTEN
 PROPOSAL, JUNIOR CLASSIFICATION
 Note: NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP THTRE 499 1- 8 CREDITS
 Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED
 APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR
 OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL
 AND 3.00 IN THTRE COURSES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THTRE 590 1- 4 CREDITS
 Prereq: APPROVED WRITTEN PROPOSAL
 Note: Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY

TOXICOLOGY SEMINAR TOX 504 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 7126005 T 4:10-5:00
 MEETS: JAN 14-MAY 10

VETERNRY TOXICOLOGY TOX 526 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9010005 MTR 11:00-11:50

CLIN &DIAGNOS TOXIC TOX 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526
 1231005 ARRANGED
 MEETS: JAN 14-MAY 10

TOXICOLOGY

(CONTINUED)

PESTICIDES IN ENVIR TOX 550 2 CREDITS
 Prereq: 9 CREDITS OF BIOLOGICAL SCIENCES
 9666005 A MW 9:00-9:50
 MEETS: JAN 14-MAY 10

GENERAL PHARMACOLGY TOX 554 3 CREDITS
 Prereq: B M S 549, B M S 552; BBMB 404, BBMB 405
 Note: MEETS JAN 20-FEB 5 AND MARCH 23-APRIL 15
 4499005 1 MR 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 14-MAY 10

4499010 2 MR 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 14-MAY 10

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

CURRNT TOPC TOXICOL TOX 689 R CREDIT
 Satisfactory-Fail Only.
 4280005 ARRANGED
 MEETS: JAN 14-MAY 10

GRAD RESEARCH ROTAT TOX 697 1-12 CREDITS
 Prereq: ADMISSION TO TOX GRADUATE PROGRAM
 8363005 ARRANGED
 MEETS: JAN 14-MAY 10

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 14-MAY 10

CREATIVE COMPONENT TRANS 599 1- 3 CREDITS
 Prereq: PRE-ENROLLMENT CONTRACT REQUIRED
 4160005 1 ARRANGED
 MEETS: JAN 14-MAY 10

SEMINR TRANSP PLAN TRANS 691 1 CREDIT
 6786005 ARRANGED
 MEETS: JAN 14-MAY 10

RESEARCH TRANS 699 VAR. CREDITS
 6787005 ARRANGED
 MEETS: JAN 14-MAY 10

U.S. LATINO/A STUDIES

INTR U.S. LATINO ST US LS 211 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2890005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

2890010 2 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

TOP LAT AM RACE,CLS US LS 323C 3 CREDITS
 Prereq: ANTHR 201 OR ANTHR 306 RECOMMENDED
 Note: Meets international perspectives reqmt
 6658005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

MDWST LATINO CMUNTY US LS 325X 3 CREDITS
 Prereq: US LS 211
 9465005 F 12:10-3:00
 MEETS: JAN 14-MAY 10

LATIN AM GOVT & POL US LS 343 3 CREDITS
 Note: Meets international perspectives reqmt
 5252005 A MWF 9:00-9:40
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY US LS 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 3 CREDITS IN US LS 490 MAY BE
 APPLIED TOWARDS THE U.S. LATINO/A STUDIES CERTIFICATE
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 T 8:00-8:50
 MEETS: JAN 14-MAY 10

FIRST-YR SEM II:MVP U ST 102A 1 CREDIT
 Prereq: U ST 101 OR INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 5727005 1 M 10:00-10:50 SHAMBURGER K
 MEETS: JAN 14-MAY 10

5727010 2 T 11:00-11:50 SHAMBURGER K
 MEETS: JAN 14-MAY 10

5727015 3 R 10:00-10:50 SHAMBURGER K
 MEETS: JAN 14-MAY 10

5727020 4 W 12:10-1:00 SHAMBURGER K
 MEETS: JAN 14-MAY 10

UNIVERSITY STUDIES

(CONTINUED)

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
 MEETS: JAN 14-MAY 10

5728010 2 W 1:10-2:00
 MEETS: JAN 14-MAY 10

CARVER FRESHMN SEMN U ST 106 1 CREDIT
 Prereq: ACCEPTANCE IN CARVER ACADEMY PROGRAM,
 GEORGE WASHINGTON CARVER SCHOLARSHIP RECIPIENT
 Note: Meets U.S. diversity reqmt
 Satisfactory-Fail Only.
 4173005 1 M 10:00-10:50
 MEETS: JAN 14-MAY 10

4173010 2 T 10:00-10:50
 MEETS: JAN 14-MAY 10

4173015 3 R 10:00-10:50
 MEETS: JAN 14-MAY 10

4173020 4 W 10:00-10:50
 MEETS: JAN 14-MAY 10

INT'L FIRST YR SMNR U ST 110 1 CREDIT
 Satisfactory-Fail Only.
 8806005 A M 4:10-5:00
 MEETS: JAN 14-MAY 10

8806010 B T 4:10-5:00
 MEETS: JAN 14-MAY 10

SCI PRE-PRO SEMINAR U ST 207 1 CREDIT
 Prereq: U ST 102B
 Satisfactory-Fail Only.
 9747005 1 W 3:10-4:00
 MEETS: JAN 14-MAY 10

9747010 2 W 4:10-5:00
 MEETS: JAN 14-MAY 10

MCN:INTRO TO RES II U ST 302 2 CREDITS
 Prereq: U ST 301
 6494005 1 M 6:10-8:00PM
 MEETS: JAN 14-MAY 10

CALM LIFE SKILL SEM U ST 303 1 CREDIT
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 Satisfactory-Fail Only.
 9395005 1 W 11:00-11:50
 MEETS: JAN 14-MAY 10

LEADERS SMNR I:HIXS U ST 311A 1 CREDIT
 Prereq: 101
 Satisfactory-Fail Only.
 7281005 1 M 4:10-5:00
 MEETS: JAN 14-MAY 10
 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
 MEETS: JAN 14-MAY 10

CY AIDE LEADRS SMNR U ST 315 2 CREDITS
 Prereq: SELECTION AS A CYCLONE AIDE OR CYCLONE
 AIDE ADVISER
 Satisfactory-Fail Only.
 5284005 1 TR 8:00-9:20
 MEETS: JAN 14-MAY 10

PEER EDUC LEADERSHP U ST 316X 2 CREDITS
 Satisfactory-Fail Only.
 9934005 1 TR 8:00-9:20 VANDERHEYDEN B
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

MCNAIR SR SEMNAR II U ST 402 1 CREDIT
 Prereq: 401
 Satisfactory-Fail Only.
 6495005 1 T 6:10-8:00PM
 MEETS: JAN 14-MAY 10

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

URBAN DESIGN

URBN DSN GLOBL STDO URB D 502 6 CREDITS
 Prereq: GRADUATE STANDING, OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 3863005 TR 8:00-1:00
 MEETS: JAN 14-MAY 10

URBAN DESIGN (CONTINUED)

FOUNDATNS URBN DSGN URB D 521 3 CREDITS
 Prereq: GRADUATE STANDING, OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 4020005 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

CNTPRY UR D PRACTCS URB D 522 3 CREDITS
 Prereq: GRADUATE STANDING, OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 4048005 W 9:00-11:50
 MEETS: JAN 14-MAY 10

VET DIAGNOSTIC & PRODUCTION AN MED

SPANISH FOR VETRNRN VDPAM 308 2 CREDITS
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE,
 BASIC KNOWLEDGE OF SPANISH
 Note: COURSE RESTRICTED TO V M AND VM NE MAJORS ONLY
 9308005 W 3:10-4:00, ARRANGED
 MEETS: JAN 14-MAY 10

INTR PROD INFRMTICS VDPAM 309 1 CREDIT
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE
 8724005 M 12:10-1:00
 MEETS: JAN 14-MAY 10

INTR PRODUCTION MED VDPAM 310 2 CREDITS
 Prereq: SECOND OR THIRD YEAR CLASSIFICATION IN
 VETERINARY MEDICINE OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED
 SOPHOMORES AND JUNIORS
 8463005 W 1:10-3:00
 MEETS: JAN 14-MAY 10

INTRO ANIML WELFARE VDPAM 312 1 CREDIT
 Prereq: 1ST YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED
 STUDENTS ONLY
 1665005 F 9:00-9:50

CLINICAL FOUNDATNS VDPAM 340 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 4872005 ARRANGED
 MEETS: JAN 14-MAY 10

BOVIN EMBRYO TRNSFR VDPAM 351 2 CREDITS
 Prereq: 2ND OR 3RD YEAR CLASSIFICATION IN V MED
 9310005 ARRANGED
 MEETS: JAN 14-MAY 10

ADV DAIRY INFORMTCS VDPAM 402A 2 CREDITS
 Prereq: VDPAM 309 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 2547005 ARRANGED

ADV DY INF EXPRNC I VDPAM 402B 2 CREDITS
 Prereq: VDPAM 402A
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 4987005 ARRANGED

ADV DY INF EXPRC II VDPAM 402C 2 CREDITS
 Prereq: VDPAM 402A, VDPAM 402B
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 5133005 ARRANGED

ADV DY INFM EXP III VDPAM 402D 2 CREDITS
 Prereq: VDPAM 402A, VDPAM 402B, VDPAM 402C
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 5162005 ARRANGED

CLINCL DECISN MAKNG VDPAM 407 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5440005 ARRANGED
 MEETS: JAN 14-MAY 10

VET PRAC ENTREPRENR VDPAM 414 2- 3 CREDITS
 TR 12:10-1:00
 MEETS: JAN 14-MAY 10

BOVIN REPROD EV LAB VDPAM 416 1 CREDIT
 Prereq: 3RD YEAR CLASSIFICATION IN V MED.
 10 STUDENTS PER SECTION.
 5110005 A M 1:10-5:00
 MEETS: JAN 14-MARCH 8
 5110010 B F 1:10-5:00
 MEETS: JAN 14-MARCH 8
 5110015 C M 1:10-5:00
 MEETS: MARCH 11-MAY 10
 5110020 D F 1:10-5:00
 MEETS: MARCH 11-MAY 10

PRECP:MXD FD AN MED VDPAM 420A 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 9072005 ARRANGED

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

PRECP PRD AN MD:MXD VDPAM 420B 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 5207005 ARRANGED

PRECP PROD AN:GOVT VDPAM 420C 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 5210005 ARRANGED

PRECP PRD AN MD:POU VDPAM 420P 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED.
 RECOMMENDED: VDPAM 408 OR VDPAM 498.
 Note: NO MORE THAN 6 CREDITS IN VDPAM 420P MAY BE
 APPLIED TOWARD GRADUATION
 9110001 ARRANGED

GPVEC: CALVING VDPAM 421A 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4419005 ARRANGED

GPVEC: BULL BREEDNG VDPAM 421B 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4417005 ARRANGED

GPVEC: FEEDLOT MGT VDPAM 421D 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4423005 ARRANGED

GPVEC: LAMBING VDPAM 421J 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4476005 ARRANGED

GPVEC: EQUI DENTIST VDPAM 421K 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4520005 ARRANGED

GPVEC:SWINE HUSBDRY VDPAM 421Q 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 9792005 ARRANGED
 MEETS: JAN 14-MAY 10

VET TOXICOLOGY VDPAM 426 3 CREDITS
 Prereq: 3RD YEAR CLASSIFICATION IN V MED
 6860005 MTR 11:00-11:50
 MEETS: JAN 14-MAY 10

PRIN OF EPIDEMIOLOGY VDPAM 428 3 CREDITS
 ARRANGED
 MEETS: JAN 14-MAY 10

BF RECORDS:HERD MGT VDPAM 436B 1 CREDIT
 Prereq: VDPAM 436A; 1ST, 2ND OR 3RD YEAR CLASSIF
 IN VET MED OR PERMISSION OF INSTRUCTOR
 5223005 1 ARRANGED
 MEETS: JAN 14-MAY 10
 5223010 2 ARRANGED
 MEETS: JAN 14-MAY 10
 Note: Instructor permission required.

BF RCRDS:FEEDLT PRD VDPAM 436D 1 CREDIT
 Prereq: VDPAM 436A, VDPAM 436B, VDPAM 436C;
 2ND OR 3RD YEAR CLASSIF IN VET MED OR PERMISSION
 OF INSTRUCTOR
 5280005 ARRANGED
 MEETS: JAN 14-MAY 10

PROD ANM CLINCL MED VDPAM 445 3 CREDITS
 Prereq: 3RD-YEAR CLASSIFICATION IN VET MED
 6865005 MWF 9:00-9:50
 MEETS: JAN 14-MAY 10

CLIN EMBRYO TRNSFR VDPAM 451 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4334005 MTWRF 8:00-5:00

DIAGNOS LAB PRACTCM VDPAM 455 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6827005 MTWRF 8:00-11:50

FEEDLOT PRODUC MED VDPAM 463 1 CREDIT
 Prereq: VDPAM 310; CONCURRENT ENROLLMENT IN
 VDPAM 421D
 9766005 ARRANGED
 MEETS: JAN 14-MAY 10

THERIOGENOL:FD ANIM VDPAM 471 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN V MED
 6694005 MTWRF 8:00-5:00

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

FOOD AN&CAM FLD SRV VDPAM 476 1- 2 CREDITS
 Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE
 8725005 MTWRF 8:00-5:00

FD ANM&CAM MED&SURG VDPAM 477 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2019
 6909005 MTWRF 8:00-5:00

SWI PROD MED PRECEP VDPAM 479 1- 6 CREDITS
 Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE
 5454005 ARRANGED

SWINE PRODUCTN MED VDPAM 480 2 CREDITS
 Prereq: VDPAM 310; 4TH YEAR CLASSIFICATN IN V MED OR PERMISSION OF INSTRUCTOR
 5572005 MTWRF 8:00-5:00

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 MTWRF 8:00-5:00

BF PROD MED PRECPTR VDPAM 482 1- 6 CREDITS
 Prereq: VDPAM 310; 4TH YEAR CLASSIFICATN IN V MED
 4331005 ARRANGED
 MEETS: JAN 14-MAY 10

APP DAIRY PRODU MED VDPAM 485 1- 6 CREDITS
 Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATN IN V MED
 5431005 ARRANGED
 MEETS: JAN 14-MAY 10

INTR SM RUM PROD MD VDPAM 486 1 CREDIT
 Prereq: 3RD YEAR CLASSIFICATION IN V MED OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS IN VET MED COLLEGE. SOPHMORES REQUIRE PERMISSION OF INSTRUCTOR
 4549005 W 12:10-1:00
 MEETS: JAN 14-MAY 10

CLINIC MICROBIO LAB VDPAM 488 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN V MED
 6950005 MTWRF 1:10-5:00
 MEETS: JAN 14-MAY 10

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 1 MW 2:10-3:00
 MEETS: JAN 14-MARCH 8

INDEPENDENT STUDY VDPAM 490 1- 5 CREDITS
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV DAIRY PRODU MED VDPAM 494 2 CREDITS
 Prereq: VDPAM 484 OR PERMISSION OF INSTRUCTOR
 1372005 MTWRF 8:00-5:00

ADV SM RUMN PROD MD VDPAM 495 2 CREDITS
 Prereq: VDPAM 486, FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE, OR PERMISSION OF INSTRUCTOR
 9309005 MTWRF 8:00-5:00

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS
 Prereq: 2ND, 3RD OR 4TH YR CLASSIFICATN IN V MED
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED SOPH AND ABOVE.
 Satisfactory-Fail Only.
 7848005 ARRANGED
 MEETS: JAN 14-MAY 10

CLINCL DECISN MAKNG VDPAM 507 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5439005 ARRANGED

VET PRAC ENTREPRENR VDPAM 514 2- 3 CREDITS
 Prereq: GRADUATE VETERINARIAN OR DVM-DUAL GRADUATE DEGREE CANDIDATE
 8890005 TR 12:10-1:00
 ARRANGED

VETERNY TOXICOLOGY VDPAM 526 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 6897005 MTR 11:00-11:50

PRIN OF EPIDEMIOLOGY VDPAM 528 3 CREDITS
 6895008 ARRANGED
 MEETS: JAN 14-MAY 10

INTRO DNA TECHNIQS VDPAM 542A 1 CREDIT
 Satisfactory-Fail Only.
 7389005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: JAN 15-FEB 14

INTR PROTEIN TECHNQ VDPAM 542B 1 CREDIT
 Satisfactory-Fail Only.
 6861010 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: FEB 19-MARCH 28

INTRO CELL TECHNIQS VDPAM 542C 1 CREDIT
 Satisfactory-Fail Only.
 7400005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: APRIL 1-MAY 2

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526
 7676005 ARRANGED
 MEETS: JAN 14-MAY 10

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 MTWRF 8:00-5:00

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
 MEETS: JAN 14-MAY 10

CREATIVE COMPONENT VDPAM 599 VAR. CREDITS
 Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

ANTIMICROBIAL PHARM VDPAM 654 2 CREDITS
 Prereq: GRADUATE STUDENT STATUS, RESIDENT, OR INTERN IN THE COLLEGE OF VETERINARY MEDICINE
 5234005 ARRANGED
 MEETS: JAN 14-MAY 10

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

VETERINARY CLINICAL SCIENCES

VET IN SOCIETY V V C S 315 1 CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
 Satisfactory-Fail Only.
 7785005 1 ARRANGED BAGLEY R
 MEETS: JAN 14-MAY 10

ADV SM ANIM ONCOLGY V C S 318X 1 CREDIT
 Prereq: V C S 444, B M S 443, CLASSIFICATION AS V M YR 3
 9975005 ARRANGED MUSSER M
 MEETS: JAN 14-MAY 10

GRAND ROUNDS V C S 385 R CREDIT
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE
 Satisfactory-Fail Only.
 7446005 F 8:00-8:50 CERFOGLI F

SURGERY PRINCIP LAB V C S 394 1 CREDIT
 Prereq: 2ND YR CLASSIFICATION IN VET MED
 3831005 1 F 9:00-9:50 SWOR T
 T 1:10-3:00 SWOR T

SMALL ANIML SURGERY V C S 395 2 CREDITS
 Prereq: 394
 3873005 TR 8:00-8:50 KRAUS K

FUND EQUINE PRACTCE V C S 396 2 CREDITS
 Prereq: 394
 3899005 T 8:00-9:50 AUCK S

ANESTHESIOLOGY V C S 398 2 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 3472005 M 8:00-9:50 KRAUS B
 MEETS: JAN 14-MAY 10

3472010 2 M 8:00-9:50 KRAUS B
 MEETS: JAN 14-MAY 10

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY CLINICAL SCIENCES (CONTINUED)

OPHTHALMOLOGY V C S 399 1 CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
 3476005 F 11:00-11:50 ALLBAUGH 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 MR 3:10-5:00 ZAFFARANO B
 MEETS: JAN 14-MAY 10

ONCOLOGY V C S 409 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2019
 9213005 MTWRF 8:00-5:00 MUSSER M

COMPANION AN NUTRI V C S 414 1 CREDIT
 Prereq: THIRD OR FOURTH-YR CLASSIFICATION IN V MED
 7777005 ARRANGED BAGLEY R
 MEETS: JAN 14-MARCH 8

PRECEPTOR COMPANION V C S 419A 2- 6 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED,
 PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE
 3695005 ARRANGED NOXON J
 Note: Permission of instructor required. Process
 Approved add slip in 2270A Vet Med.

PRACTICUM V C S 420 R CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED,
 PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 4548005 ARRANGED NOXON J
 MEETS: JAN 14-MAY 10

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 MTWRFS 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 CARNEVALE J
 MEETS: JAN 14-MAY 10

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 2019
 9232005 MTWRF 8:00-5:00 ZELLNER E

EQUINE LAMENESS V C S 443 2 CREDITS
 Prereq: 2ND OR 3RD YR CLASSIFICATION IN VET MED
 6882005 R 1:10-5:00, ARRANGED KERSH K
 MEETS: JAN 14-MARCH 8

CLINICAL NEUROLOGY V C S 446 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
 5112005 MTWRF 8:00-5:00

DIAGNO IMAG&RADIOBI V C S 448 3 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 6886005 1 TR 10:00-10:50 RIEDESEL E
 T 1:10-3:00 RIEDESEL E
 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 SWOR T
 M 1:10-5:00 SWOR T
 MEETS: MARCH 11-MAY 10

ADV TRADIT SURG LAB V C S 451B 2 CREDITS
 Prereq: 449
 7005005 1 W 11:00-11:50 SWOR T
 M 1:10-5:00 SWOR T
 MEETS: JAN 14-MARCH 8
 7005010 2 W 11:00-11:50 SWOR T
 W 1:10-5:00 SWOR T
 MEETS: JAN 14-MARCH 8
 7005015 3 W 11:00-11:50 SWOR T
 M 1:10-5:00 SWOR T
 MEETS: MARCH 11-MAY 10
 7005020 4 W 11:00-11:50 SWOR T
 W 1:10-5:00 SWOR T
 MEETS: MARCH 11-MAY 10

CLINICAL DERMATOLOGY V C S 452 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY
 MEDICINE. MUST HAVE INSTRUCTOR PERMISSION TO REPEAT
 THIS COURSE.
 1931005 MTWRF 8:00-5:00 NOXON J

SMALL ANIMAL MED I V C S 453 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6889005 MTWRFS 8:00-5:00 JERGENS A

SM AN SOFT TISS SUR V C S 455 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6891005 MTWRFS 8:00-5:00 ZELLNER E

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 8:00-5:00 WONG D

EQUINE SURGERY V C S 458 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6894005 MTWRFS 8:00-5:00 AUCK S

SM AN OVERPOP OMAHA V C S 459A 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4050005 MTWRF 8:00-5:00 CARNEVALE J
 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 CARNEVALE J
 Note: DES MOINES

SM AN OVERPOP K.C. V C S 459C 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4313005 ARRANGED CARNEVALE J
 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

PRIMARY CARE V C S 463 2 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN VET MED
 2322005 MTWRF 8:00-5:00 KIBBEL 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 VET MED
 7756005 MTWRF 8:00-5:00 AUCK S

VET ANESTHESIOLOGY V C S 466 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6898005 MTWRFS 8:00-5:00 KRAUS B

INTENSIVE CARE V C S 468 4 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6900005 ARRANGED WALTON R

OPHTHALMOLOGY V C S 469 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6901005 MTWRFS 8:00-5:00 ALLBAUGH R

RADIOLOGY V C S 470 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED;
 COMPLETION OF V C S 460 RADIOLOGY IS REQUIRED;
 ENROLLMENT BY PERMISSION OF INSTRUCTOR
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CMPARTV ANIM REPROD V C S 471C 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE REPRODUCTION V C S 471E 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM REPRODUCTN V C S 471S 2 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM SURG ORTHO V C S 473O 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML AN SURG SOF TIS V C S 473S 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET CARDIOLGY ROTAT V C S 475 2 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN V MED
 Note: OFFERED FOR 2 CREDITS SPRING 2019
 Department permission required.
 9128005 MTWRF 8:00-5:00 WARD J
 MEETS: JAN 14-MAY 10

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY CLINICAL SCIENCES (CONTINUED)

EQUINE ANESTHESIOLOGY V C S 476E 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 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

INTENSV&CRITCL CARE V C S 478 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 9816005 MTWRF 8:00-5:00 WALTON R
 MEETS: JAN 14-MAY 10

VETERINRY DENTISTRY V C S 480 1 CREDIT
 Prereq: THIRD OR FOURTH-YR CLASSIFICATN IN V MED
 2247005 ARRANGED MULHERIN B
 MEETS: JAN 14-MAY 10
 Note: Course delivery is WWW

ADV EQUINE DENTISTR V C S 481 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 8330005 MTWRF 8:00-5:00 HOWARD J
 MEETS: JAN 14-MAY 10

INDEPENDENT STUDY V C S 490 VAR. CREDITS
 Prereq: PERMISSION OF COURSE INSTRUCTOR-OF-RECORD AND SPONSORING V C S FACULTY MEMBER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS V C S 490H VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ORIENTN INT'L EXPER V C S 492 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 6148005 ARRANGED

GRAND RND S PRESENTN V C S 495 R CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Satisfactory-Fail Only.
 6914005 F 8:00-8:50 CERFOGLI F

INT'L PRECEPTORSHIP V C S 496 1-12 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 PERMISSION OF COURSE INSTRUCTOR-OF-RECORD AND SPONSORING V C S FACULTY
 Satisfactory-Fail Only.
 6094005 ARRANGED NOXON J

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 OPHTHALMGLY V C S 590F 1- 3 CREDITS
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V C S 599 VAR. CREDITS
 Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR V C S 604 1 CREDIT
 6921005 ARRANGED

ADV SPECIAL SURGERY V C S 672 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6926005 ARRANGED

ADVANCED MEDICINE V C S 677 2 CREDITS
 Prereq: V C S 445
 6928005 ARRANGED
 MEETS: JAN 14-MAY 10

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

RSEARCH OPHTHALMGLY V C S 699F VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: CARDIOLOGY V C S 699G 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 2:10-3:00
 MEETS: JAN 14-MAY 10

VETERINRY IMMUNOLGY V MPM 380 2 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN V MED
 6941010 WF 11:00-11:50
 MEETS: JAN 14-MARCH 8

VETERINARY VIROLOGY V MPM 387 3 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED
 6943010 1 TWR 9:00-9:50
 MEETS: JAN 14-MAY 10

PUBLIC HEALTH&VT PRO V MPM 388 3 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED
 6944005 1 MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

TOPICS VET HISTORY V MPM 390 1 CREDIT
 7244005 1 ARRANGED
 MEETS: JAN 14-MARCH 8

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 14-MAY 10

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

INTESTINL MICROBIOL V MPM 525 3 CREDITS
 Prereq: MICRO 302, BIOL 313
 4982005 ARRANGED
 MEETS: JAN 14-MAY 10

PRIN OF EPIDEMIOLOGY V MPM 528 3 CREDITS
 5368008 ARRANGED
 MEETS: JAN 14-MAY 10

INTRO DNA TECHNIQS V MPM 542A 1 CREDIT
 Satisfactory-Fail Only.
 9663005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: JAN 15-FEB 14

INTRO CELL TECHNIQS V MPM 542C 1 CREDIT
 Satisfactory-Fail Only.
 9669005 A TR 1:10-2:00 BAKER M
 TR 2:10-4:00 BAKER M
 MEETS: APRIL 1-MAY 2

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 14-MAY 10

ANIMAL VIROLOGY V MPM 587 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7951005 ARRANGED
 MEETS: JAN 14-MAY 10

SPECIAL TOPICS V MPM 590 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MICROBIOLOGY & PREV MED (CONTINUED)

VETERINARY PATHOLOGY (CONTINUED)

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

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

SEM N MOLEC,C,DV BIO V MPM 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2019.
 7082005 A M 3:10-5:00
 MEETS: JAN 14-MAY 10

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
 R 4:10-5:00
 W 1:10-3:00
 MEETS: JAN 14-MAY 10

7445010 2 M 1:10-2:00
 R 4:10-5:00
 W 3:10-5:00
 MEETS: JAN 14-MAY 10

INTRO PARASITOLOGY V PTH 353 3 CREDITS
 Prereq: BIOL 212
 9209005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

INTRO TO PATHOLOGY V PTH 402 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
 9538005 1 TR 4:10-5:30
 MEETS: JAN 14-MAY 10

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
 MEETS: JAN 14-MAY 10

8991010 2 T 3:10-5:00
 MEETS: JAN 14-MAY 10

CLINICAL PATHOLOGY V PTH 425 4 CREDITS
 Prereq: 372
 7004005 MF 10:00-10:50
 TWR 10:00-10:50
 R 11:00-11:50
 MEETS: JAN 14-MAY 10

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
 S 10:00-11:50

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

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

CLIN COMPTNC SKILLS V PTH 495 R CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Satisfactory-Fail Only.
 4058005 ARRANGED
 MEETS: JAN 14-MAY 10

PRINCIPLES PATHOLOGY V PTH 503 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION; PERMISSION OF INSTRUCTOR
 8632005 MTR 11:00-11:50
 MEETS: JAN 14-MAY 10

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
 R 4:10-5:00
 W 1:10-3:00
 MEETS: JAN 14-MAY 10

7015010 2 M 1:10-2:00
 R 4:10-5:00
 W 3:10-5:00
 MEETS: JAN 14-MAY 10

DIAGN PARASITOL LAB V PTH 548 1- 3 CREDITS
 Prereq: 376 OR 576
 9668005 ARRANGED
 MEETS: JAN 14-MAY 10

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT
 Prereq: 457, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 7037005 ARRANGED
 MEETS: JAN 14-MAY 10
 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
 MEETS: JAN 14-MAY 10

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
 S 10:00-11:50
 MEETS: JAN 14-MAY 10

ETHICS IN SCI RSRCH V PTH 554 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 5755005 F 9:00-9:50
 MEETS: JAN 14-MAY 10

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 14-MAY 10

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
 MEETS: JAN 14-MAY 10

DIAG INTERP V PARAS V PTH 606B R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7030005 ARRANGED
 MEETS: JAN 14-MAY 10

DIAG INTERP VET TOX V PTH 606C R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 5787005 ARRANGED
 MEETS: JAN 14-MAY 10

DIAG INTERP CLINPTH V PTH 606D R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 9694005 ARRANGED
 MEETS: JAN 14-MAY 10

VETERINARY PATHOLOGY (CONTINUED)

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

WIND ENERGY SCIENCE, ENGINEERING AND POL

WIND ENERGY SYSTEMS WESEP 502 3 CREDITS
 Prereq: GRADUATE STANDING
 4287005 A MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

WIND ENRGY RES SMNR WESEP 594 1 CREDIT
 Prereq: GRADUATE STANDING
 9662005 ARRANGED
 MEETS: JAN 14-MAY 10

WOMEN'S AND GENDER STUDIES

GENDER JUSTICE WGS 160 1 CREDIT
 Note: Meets U.S. diversity reqmt
 Satisfactory-Fail Only.

2484005 1 M 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 14-MARCH 8

2484010 2 M 2:10-3:00
 W 2:10-3:00
 MEETS: MARCH 11-MAY 10

2484015 3 M 2:10-3:00
 W 3:10-4:00
 MEETS: MARCH 11-MAY 10

2484020 4 M 2:10-3:00
 W 9:00-9:50
 MEETS: MARCH 11-MAY 10

INTRO WOMN&GNDR STU WGS 201 3 CREDITS
 Note: Meets U.S. diversity reqmt

7058005 A M 2:10-3:00
 WF 9:00-9:50
 MEETS: JAN 14-MAY 10

7058010 B M 2:10-3:00
 WF 10:00-10:50
 MEETS: JAN 14-MAY 10

7058015 C M 2:10-3:00
 WF 11:00-11:50
 MEETS: JAN 14-MAY 10

7058020 D M 2:10-3:00
 WF 12:10-1:00
 MEETS: JAN 14-MAY 10

7058025 E M 2:10-3:00
 WF 1:10-2:00
 MEETS: JAN 14-MAY 10

7058030 F M 2:10-3:00
 WF 3:10-4:00
 MEETS: JAN 14-MAY 10

HONORS INTR WMN STU WGS 201H 3 CREDITS
 Note: Meets U.S. diversity reqmt

8447005 M 2:10-3:00
 WF 2:10-3:00
 MEETS: JAN 14-MAY 10

GNDR&SXL AM POP CUL WGS 210 3 CREDITS
 9809005 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

GENDER & COMMUNICTN WGS 323 3 CREDITS
 Note: Meets U.S. diversity reqmt

3533005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

3533010 B TR 11:00-12:20
 MEETS: JAN 14-MAY 10

3533015 C TR 2:10-3:30
 MEETS: JAN 14-MAY 10

SEX&GENDER IN SOCIE WGS 327 3 CREDITS
 Prereq: SOC 134
 Note: SEC A1,B1 RESTRICTED TO AG SO, INDIS, SOC, P S A,
 W S, SEC A2,B2 FOR MAJORS OTHER THAN AG SO, INDIS,
 SOC, P S A, W S.

7061005 A1 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

7061010 A2 MWF 10:00-10:50
 MEETS: JAN 14-MAY 10

WOMEN & LEADERSHIP WGS 333 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt

7481005 1 MW 3:10-4:30
 MEETS: JAN 14-MAY 10

WOMEN'S AND GENDER STUDIES (CONTINUED)

HUMAN REPRODUCTION WGS 344 3 CREDITS
 Prereq: BIOL 212
 3951005 A MWF 11:00-11:50
 MEETS: JAN 14-MAY 10
 Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, & MICRO MAJORS
 ONLY

3951010 B MWF 11:00-11:50
 MEETS: JAN 14-MAY 10

PSYCHOLOGY OF WOMEN WGS 346 3 CREDITS
 Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING
 PSYCH 101
 Note: Meets U.S. diversity reqmt

7064005 A1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

7064010 A2 TR 12:40-2:00
 MEETS: JAN 14-MAY 10
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

SX,CLTR ANC MEDITRR WGS 374 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN,
 OR GREEK
 Note: Meets international perspectives reqmt

2256005 1 TR 12:40-2:00
 MEETS: JAN 14-MAY 10

FMNST RES IN ACTION WGS 402 3 CREDITS
 Prereq: W S 201/WGS 201 AND W S 301/WGS 301

5674005 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10

TOPCS WMN&GENDR STU WGS 450 3 CREDITS
 Prereq: W S 201/WGS 201 OR 3 CREDITS IN WGS
 AT 300 LEVEL OR ABOVE
 Note: Instructor permission required 1st week.

8910005 1 TR 9:30-10:50
 MEETS: JAN 14-MAY 10

8910010 2 W 4:10-7:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC 2 TOPIC: CONTEMPORARY FEMINIST
 MANIFESTOS

INDEPENDENT STUDY WGS 490 1- 3 CREDITS
 Prereq: ANY TWO COURSES IN WGS
 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

INTERNSHIP WGS 491 1- 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS WGS 499 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

QDV SEM FM RES MTHD WGS 502 3 CREDITS
 1169005 M 3:10-6:00PM
 MEETS: JAN 14-MAY 10

TOPICS WOMEN'S STDI WGS 550 3 CREDITS
 Prereq: W S 201/WGS 201 OR 3 CREDITS IN WGS
 AT 300-LEVEL OR ABOVE

8524010 2 W 4:10-7:00PM
 MEETS: JAN 14-MAY 10
 Note: SEC 2 TOPIC: CONTEMPORARY FEMINIST
 MANIFESTOS

SPECIAL TOPICS WGS 590 VAR. CREDITS
 Prereq: PERMISSION OF WOMEN'S AND GENDER STUDIES
 PROGRAM DIRECTOR
 Note: Department permission required 1st week.

***** SEE DEPT FOR REFERENCE NUMBERS

WORLD LANGUAGES AND CULTURES

INTRO WORLD LANGUAG WLC 119 3 CREDITS
 Note: Meets international perspectives reqmt

5865005 1A MWF 3:10-4:00
 MEETS: JAN 14-MAY 10

5865010 1B MWF 3:10-4:00
 MEETS: JAN 14-MAY 10
 Note: SEC 1A RESTRICTED TO LING MAJORS ONLY

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 1A ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.

8139010 1R ARRANGED
 MEETS: JAN 14-MARCH 8
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.

8139015 2A ARRANGED
 MEETS: MARCH 11-MAY 10
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA

WORLD LANGUAGES AND CULTURES

(CONTINUED)

STDT TCH WORLD LANG WLC 417G VAR. CREDITS
THE LAST 8 WEEKS OF THE SEMESTER.

8139020 2R ARRANGED

MEETS: MARCH 11-MAY 10

Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
THE LAST 8 WEEKS OF THE SEMESTER.

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 MWF 1:10-2:00

MEETS: JAN 14-MARCH 8