

Spring Semester 2015

Classes Begin	January 12
University Holiday	January 19
Spring Break	March 16-20
Final Exams	May 4-May 8
Commencement	May 9 (undergraduate)

Registration Start Dates for Spring 2015

Veterinary Medicine students:	Wednesday, October 22
Graduate students:	Wednesday, October 22-Friday October 24
All seniors:	Thursday, October 23-Wednesday, October 29
Projected juniors:	Thursday, October 30-Wednesday, November 5
Projected sophomores:	Thursday, November 6-Wednesday, November 12
Continuing freshmen:	Thursday, November 13-Wednesday, November 19

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

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Key Dates, Deadlines, Information

AccessPlus Registration

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

Academic Probation

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

Auditing Courses

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

Emergency Contact List

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

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

Fee Payment Deadlines

Fee payment deadlines for Spring 2015 are January 20, February 20, and March 20 for deferred billing. A \$20 deferred billing charge is assessed. Contact Accounts Receivables for information.

Graduation Information

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

ISU ALERT

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

Registration Start Dates

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

Room Assignments

Room assignments will be shown on AccessPlus class schedules on Monday, December 2. To find a map of class room locations go to the ISU index under Classroom abbreviations.

Schedule Changes

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

Student Answer Center

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

University Calendar Spring 2015

Dec. 30, Tues.	<ul style="list-style-type: none"> • University bills with Spring 2015 tuition and fees charges available on AccessPlus. 	Feb. 13, Fri.	<ul style="list-style-type: none"> • Last day to drop a first half-semester course without extenuating circumstances. • Last day to change a first half-semester course to or from Pass/Not Pass. Courses changed to graded basis after Jan. 26 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. 1, Thurs.	<ul style="list-style-type: none"> • University holiday- offices closed 	Feb. 17, Tues.	<ul style="list-style-type: none"> • Last day to change degree audit information for spring.
Jan. 9, 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. 11, 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. 11. 	Feb. 20, Fri.	<ul style="list-style-type: none"> • Fee payment deadline, spring. Second payment (minimum due).
Jan. 11, 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. 21, Sat	<ul style="list-style-type: none"> • Schedule of Classes for Fall 2015 available for viewing on the Web at http://classes.iastate.edu/
Jan. 12, Mon.	<ul style="list-style-type: none"> • Class work begins. • Schedule changes processed through AccessPlus registration or in 10 Enrollment Services Center. 	Feb. 24, Tues.	<ul style="list-style-type: none"> • Registration Authorization Cards for Summer 2015 and Fall 2015 registration distributed to colleges, if applicable. • Advising period for Summer and Fall 2015 registration begins.
Jan. 16, 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 2015 are due in the Graduate College, 1137 Pearson Hall. 	March 2, Mon.	<ul style="list-style-type: none"> • Deadline for submitting approved, new experimental course announcement forms (with all signatures) for Summer 2015 to the Registrar's Student Scheduling Office, 10 Enrollment Services Center. • Textbook & Supply requisitions for summer classes due to University Bookstore. • First half-semester courses end. • First half-semester courses end. • Second half-semester courses begin. • Midterm grade reports due from all departments on WebCT, Blackboard and AccessPlus. • Last day to process most schedule changes in a second half-semester course without a fee or to add/drop a second half-semester course without signatures of instructor and adviser. • Last day to drop a second half-semester course without the drop appearing on the permanent record or counting toward the limit of dropped courses. • Last day to change a second half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation. • Seniors graduating Summer 2015 or Fall 2015 should submit a Graduation Application to the Registrar's Graduation Office, 210 Enrollment Services Center, after registering for final course work. Applications are available from advisers or the Registrar's Graduation Office, 210 Enrollment Services Center, or via www.iastate.edu/~registrar/graduation
Jan. 17, 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 6, Fri.	
Jan. 19, Mon.	<ul style="list-style-type: none"> • University holiday—offices closed, classes recessed. • Fee payment deadline for spring. First payment (minimum due) or payment in full. 	March 7, Fri.	
Jan. 26, 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 9, Mon.	
Feb 10, Mon.	<ul style="list-style-type: none"> • Fall Semester 2015 Schedule of Classes proof copy due in Registrar's Office, with or without changes 	March 10, Tues. 2:15 p.m	
		March 13, Fri.	
		March 16-20, Mon.-Fri.	<ul style="list-style-type: none"> • Spring break, classes recessed.
		March 20, Fri.	<ul style="list-style-type: none"> • Fee payment deadline, spring semester. Final payment due. • Last day for departments to make Summer or Fall 2015 course offering changes before registration begins (Room Scheduling must approve course limits of 35 and greater).

University Calendar Spring 2015

March 23, Mon.	<ul style="list-style-type: none"> • Registration period for Summer 2015 and Fall 2015 begins. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. • First day of assigned Summer 2015 and Fall 2015 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 24 Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2015 and Fall 2015 registration dates for students projected as seniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	April 25, Sat.,	<ul style="list-style-type: none"> • Summer 2015 course enrollment tally by college and year printed for departmental distribution. • Room assignments for Summer 2015 courses displayed in the online Schedule of Classes. • Beginning summer class lists available on AccessPlus.
March 27 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. 26 count toward total allowable P/NP credits used for graduation. • Last day to file a Designation of Repeated Course form for a full-semester or second half-semester course that is not an automatic designated repeat. • Last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee. 	April 30, Thurs.	<ul style="list-style-type: none"> • End of term textbook buyback begins at University Bookstore.
March 30, Mon.	<ul style="list-style-type: none"> • Preliminary room assignments for Summer 2015 distributed to departments from Room Scheduling. 	May 4-May 8, Mon.-Fri.	<ul style="list-style-type: none"> • Final examinations.
March 31, Tues	<ul style="list-style-type: none"> • First day of assigned Summer 2015 and Fall 2015 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	May 6, Wed..	<ul style="list-style-type: none"> • University bills with Summer 2015 tuition and fees charges available on AccessPlus
April 8, Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2015 and Fall 2015 registration dates for students projected as sophomores. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	May 8, Fri.	<ul style="list-style-type: none"> • Spring semester ends. • Graduate College applications for graduation for Summer 2015 are due in the Graduate College, 1137 Pearson Hall. • Graduate College Commencement: www.iastate.edu/~registrar/graduation • Undergraduate applications for graduation for Summer 2015 and Fall 2015 are due in the Registrar's Graduation Office, 210 Enrollment Services Center. • Fall 2015 course enrollment tally by college and year printed for departmental distribution.
April 9, Thurs.	<ul style="list-style-type: none"> • Preliminary room assignments for Summer 2015, with changes, due back to Room Scheduling from departments. 	May 9, Sat.	<ul style="list-style-type: none"> • Undergraduate Commencement: www.iastate.edu/~registrar/graduation
April 14, Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2015 and Fall 2015 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	May 11, Mon.	<ul style="list-style-type: none"> • Registration Authorization information available for new Fall 2015 freshmen or distributed to Colleges, if applicable.
April 17, Fri.	<ul style="list-style-type: none"> • Last day to add/drop a second half-semester course without extenuating circumstances. • Last day to change a second half-semester course to or from Pass/Not Pass. Courses changed to graded basis after March 9 count toward total allowable P/NP credits used for graduation. • Graduate College: last day for final oral examinations. • Deadline for Summer 2015, 12-week and Session I course cancellations due to low enrollment. 	May 14, Thurs., 2:15 p.m	<ul style="list-style-type: none"> • Final grades due on WebCT, Blackboard and AccessPlus.
April 20, Mon.	<ul style="list-style-type: none"> • Last day of assigned registration start dates for Summer 2015 and Fall 2015 registration. 	May 15, Fri.	<ul style="list-style-type: none"> • Grade reports available on AccessPlus.
April 21, Tues.	<ul style="list-style-type: none"> • Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation. • Graduate College last day for final submission of graduate student graduation approval slip. 		

Resources

Admissions www.admissions.iastate.edu

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

College Student Services Offices

Agriculture and Life Sciences 20 Curtiss 294-2766
 Business 1200 Gerdin 294-8430
 Design 297 College of Design 294-6983
 Engineering 202 Marston 294-3900
 Graduate College 1137 Pearson 294-4531
 Human Sciences 0131 MacKay 294-6466
 Liberal Arts and Sciences 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 294-1889
 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 294-0762 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 3248 Memorial Union 294-1120
 Loans Receivable 0880 Beardshear 294-8747
 Memorial Union 214 Memorial Union 294-0993
 Multicultural Student Affairs 2080 Student Services Building, 294-6338
 Registrar Student Scheduling 10 Enrollment Services Center 294-2331
 Student Health Thomas B. Thielen Student Health Center 294-5801

Student Answer Center www.answer.iastate.edu/

Student Answer Center Ground Floor Beardshear 294-4469

Admission

New Students

Prospective students should contact the Office of Admissions for information concerning admission procedures. Refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2014-2015* catalog for specific requirements for admission. Applications are available through the Iowa State University home page, by clicking on “Apply” under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

Graduate Students

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

Nondegree Students

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

Summer Trial Enrollment

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

Undergraduate students, both nondegree and degree seeking:

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

Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, Tuition and Fees area, 10 Enrollment Services Center, at 515-294-1889, or e-mail reentry@iastate.edu. Return the completed form to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work attempted to the Office of Admissions, 100 Enrollment Services Center.

Questions about the registration process, contact:

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

College student services offices:

Agriculture and Life Sciences
20 Curtiss
294-2766

Business
1200 Gerdin
294-8430

Design
297 College of Design
294-6983

Engineering
202 Marston
294-3900

Graduate College
1137 Pearson
294-4531

Human Sciences
0131 MacKay
294-6466

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

Veterinary Medicine
2540 Vet Med
294-0772

Reentering Students

<i>International Students</i>	All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term). International student reentry forms are available through the ISU index under Reentering ISU, International Students and Scholars or from the Tuition and Fees area at 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 and Scholars, 3248 Memorial Union, at 515-294-1120, or by e-mail: intlerv@iastate.edu.
<i>Academically Dismissed</i>	A student who was academically dismissed must submit (1) a reentry form to the Office of the Registrar and (2) a petition for reinstatement to the college in which they wish to enroll at least 45 days before the beginning of the term. Students who have been academically dropped twice and wish to return to the College of Liberal Arts and Sciences must submit their petition at least 70 days before the beginning of the term.
<i>Approving Reentry</i>	All reentry forms should be submitted to the Office of the Registrar, Tuition and Fees area, 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.
<i>How to Register</i>	Reentering students should contact their adviser or departmental office to select courses and begin the registration process. New and reentering students are encouraged to register during the web registration period, and will be assigned registration start dates according to their year-in-school classification using the same general guidelines as currently enrolled students. Since courses begin to fill on the first day of the registration period, students should register as early as their start date and time allow.

Returning Students

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

Registration

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

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

To register, follow these steps:

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

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

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

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

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

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

Initiating Registration

The last day to initiate a new registration through AccessPlus registration for Spring 2015 is Sunday, January 12th or the Student Scheduling Office in 10 Enrollment Services Center for Spring 2015 is Friday, January 9. A late registration fee is assessed for a registration initiated on or after the first day of classes. See the Tuition and Fees section for the late fee amounts.

Cancelling Registration

Notify the Office of the Registrar by 5 p.m. Friday, January 9, of intent to cancel registration, or drop all classes on AccessPlus by 11 p.m. Sunday, January 11 to avoid tuition assessment. For information and a cancellation form, go to the ISU index under Cancelling Registration.

RAN

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

Registration System Abuse

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

AccessPlus Registration Tips

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

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

Schedule of Classes

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

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

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

Schedule Planner

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

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

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

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

AccessPlus

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

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

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

Schedule changes

Dropping and Adding Courses

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

Schedule change periods are as follows:

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

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

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

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

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

R-Credit Courses (required courses)

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

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

Drop Limit

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

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

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

Validating Enrollment

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

Spring 2015 Fee Schedule

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

Tuition Schedule Per Semester

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

Full Time Rates	Resident	Nonresident
Undergraduate (12 or more credits)	\$3,324.00	\$9,767.00
Agricultural Systems Technology & Industrial Technology, Junior & Senior	\$4,407.50	\$10,827.00
Architecture, undergraduate	\$3,924.00	\$10,379.00
Business Juniors and Seniors (excludes Pre-Business)	\$4,145.00	\$10,602.00
Engineering Juniors and Seniors	\$4,407.00	\$10,827.00
Graduate (9 or more credits)	\$3,995.00	\$10,402.00
Architecture, Graduate	\$4,605.00	\$11,019.00
Engineering Graduate:	\$4,850.00	\$11,269.00
Seed Technology & Business ¹	\$4,850.00	\$11,269.00
Veterinary Medicine (12+ credits)	\$10,007.00	\$22,384.00
Veterinary Medicine (4th year)	\$9,861.00	\$17,925.00

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

Additional information:

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

Continuous registration fee for graduate students: \$70.

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

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

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

Fee Policies and Descriptions: 2014-2015

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

Math 10 - \$530

Chem 50 - \$350

Engl 99L - \$240

Engl 99R - \$160

Engl 995 - \$480

Span 97 - \$325

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

- **Interim** (partial-semester, between-terms), **audit** (zero-credit), and **in absentia** (research, away from campus study) courses are assessed fees as listed in the current fee schedule.
- **One-half credits** are assessed at the next larger whole number; e.g. 3 1/2 credits are assessed at the 4-credit rate.
- **R-credit** (Required credit) coursework is assessed minimum tuition and fees equal to the 2 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to a R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.
- **Workshop fee** for one-credit workshops, with no other course enrollments, is \$277 for undergraduate students and \$444 for graduate students.
- **Zero credit course** is assessed based on contact hours with a maximum assessment of 3 credits.

Tuition and Fees

Tuition and fees are subject to change without notice.

Payment of Fees

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

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

Deferred Billing

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

Past Due Accounts

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

Cancelling Registration

A cancellation is processed when a student notifies the Office of the Registrar, prior to the day class work begins, of their decision not to attend classes for the current semester. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by 5:00p.m. Friday, January 9; or drop all of your classes through AccessPlus by 11 p.m., Sunday, January 11.

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

Withdrawing Registration

Beginning the first day of class (Monday, January 12), students who decide not to continue attending classes must process a withdrawal form.

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

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

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

Tuition Adjustment Schedule

This tuition adjustment schedule is subject to change.

Tuition adjustments for withdrawals of registration are based upon the following table for Spring 2015 for Full-term courses:

Withdrawal Date	Student Pays
Jan. 10-16	10%
Jan. 17-26	25%
Jan. 27-Feb. 2	50%
Feb. 3-Feb.9	75%
After Feb. 9	100%

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

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

Tuition Adjustment Schedule for Workshops and Short Courses

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

Appealing Tuition Assessments

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

Past Due Accounts

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

GLOSSARY OF FEES

Activity, Services and Building Fee

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

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

Admissions Application Fee

A nonrefundable application fee must accompany the application for admission. The application fee is \$40 for domestic undergraduate and graduate applicants, \$50 for international undergraduate applicants (\$57 for the online application), and \$90 for international graduate applicants.

Delivery Fees

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

Health Facility Fee

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

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

Health Fee (Mandatory)

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

or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the tenth class day, after January 23 no adjustment will be made. No adjustment can be made if a student has used the services of the Thielen Student Health Center prior to withdrawing from or changing to an exempt status at the university. Students who add courses at any time during the term will be assessed the Health Fee according to the guidelines stated above.

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

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

Late Registration Fee

Sunday, January 11 is the last day to initiate a registration for full semester courses for Spring 2015 without a late registration fee. Beginning Monday, January 12, undergraduate students are assessed a late registration fee of \$20. Graduate students are assessed a late registration fee of \$20 the first week of classes, \$50 the second week, and \$100 the third week or later.

Special Course Fees

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

Technology Fee

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

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

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

Technology fee adjustment will be made according to the schedule for a reduction in credits. Refunds for credit reductions below a full time load are 100 percent through the second week (January 28), with no refunds after the second week. The tuition adjustment schedule also applies to computer fees for students who withdraw. Students who change their major will be charged the applicable computer fee for the major into which they transfer if the change occurs before the end of the second week. If the change occurs after the second week, then no change in the computer fee assessment will occur. Students who are double majors will be assessed the computer fee rate for the major having the higher rate.

Graduation

Undergraduate Students

Spring 2015 graduating seniors are encouraged to submit applications for graduation after registering for their final semester. Applications are available from the adviser, college student services office, the Registrar's Graduation Office, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The application is due in 210 Enrollment Services Center the Friday before Thanksgiving break. Applicants will be assessed a \$40 nonrefundable graduation fee the tenth day of classes.

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

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

Undergraduate university commencement ceremony will be held Saturday, May 9 at 1:30 p.m., in Hilton Coliseum.

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

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

Teacher Licensure

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

Graduate Students

Specific deadlines have been set by the Graduate College for all graduate students. Failure to meet these deadlines may result in the removal of the students name from the graduation list for Spring 2015.

- An "Application for Graduation" (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, January 30.
- Last day for graduate students to cancel graduation is March 27. All graduate students who haven't cancelled by this date will be assessed a nonrefundable graduation fee.
- A Request for "Final Oral Examination" form should be obtained from the students department and submitted to the Graduate College at least three weeks before the final oral examination.
- Final oral examination must be taken by Friday, April 17.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, April 21. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, April 23.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Friday, April 24. This form will be sent to their major professor or department when their "Request for Final Examination" is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.
- Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

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

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

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

Student Records

Degree Audits

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

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

Transcripts

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

Grade Reports

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

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

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

For more complete information about Iowa State University's grading system, please refer to the Academic Life section of the *Iowa State University Undergraduate and Graduate Courses and Programs 2014-2015* 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 2014-2015* catalog.

Veterans Educational Assistance

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

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

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

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

Information Disclosure for Students

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

Policy on Student Names

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

Release of Student Records

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

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

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

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

Changing an Address on AccessPlus

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

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

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

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

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

Third Party Access

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

Services for Students

Campus Parking

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

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

Child Care

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

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

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

Student Disability Resources

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

Identification Card (ISUCard)

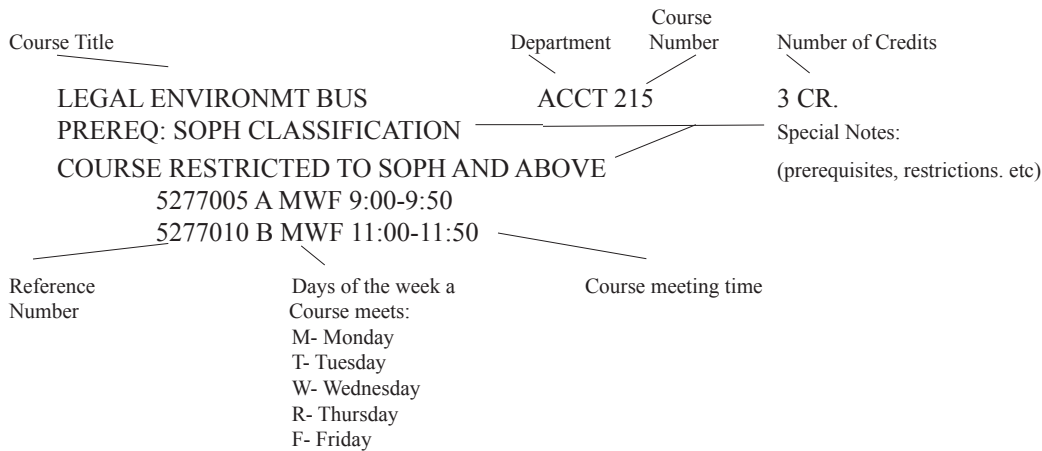
The Iowa State University student identification card (ISUCard) will be made available to students at the time of their first registration. This is a permanent card to be used while attending Iowa State. Loss of their ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where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

Activity Cards for Spouses/Domestic Partners and Children

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

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

Course Detail



Course Listing Detail

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

Course Numbering System

Courses are numbered from 1 to 699, as follows:

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

Meeting Days and Times for Classes

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

Course Prerequisites

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

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

Course prerequisites are listed in the Schedule of Classes.

Course Information

Auditing Courses

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

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

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

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

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

Audit Deadlines for Full Term Courses

Instructors must approve all audits.

• Adding an audit

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

• Changing from credit to audit:

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

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

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

• Partial semester or summer courses:

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

Canceled Courses

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

Class Attendance

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

Courses Requiring Permission

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

Course Descriptions

Course descriptions can be found in the *Iowa State University Undergraduate and Graduate Courses and Programs 2014-2015* catalog. Copies of the catalog may be purchased in campus area bookstores. The information is also available through the ISU index under catalog.

Credit Involving a Paid Activity

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

Credits Limits

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

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

Distance Education Course Information

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

Experimental Courses

Experimental courses (course numbers ending in "X") are not included in the *Iowa State University Undergraduate and Graduate Courses and Programs 2014-2015* catalog. Course descriptions for experimental courses can be found through the ISU index under Experimental Course Descriptions.

Late Registration

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

Linked Courses

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

On-Campus Saturday and Evening Courses

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

Partial-Semester Courses

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

Pass-Not Pass

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

section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services CenterI. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2014-2015* catalog.

Registration Holds

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

Restricted Sections of Courses

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

Room Assignments

Beginning Monday, December 8, students may find room assignments by viewing their schedule on *AccessPlus*.

Time Conflicts

University policy states that students may not enroll

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 2015

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 2014-2015* catalog.

Departmental Test-out Exams

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

CLEP Exams

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

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

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

Tentative Final Exam Schedule

All class work will close on Saturday, May 9 at 5 p.m.

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

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

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

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

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

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

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

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

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

Combined Group Exams

The following courses are most likely to have *combined group exams* scheduled for Spring 2015. (This list of group exam courses may change due to departmental preference and/or time and room scheduling difficulties.) For the list of exam days and times go to the ISU index under Final Exams.

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

Tentative Exams Based on First Contact

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

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

Please provide your **university ID** _____

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

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

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

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

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

Alternative courses

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

Notes

Adviser signature: _____ Date approved: _____

Registration Trial Schedule Grid

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

Registration Trial Schedule Grid

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

Campus Buildings and Abbreviations

Abbr.	Building	Abbr.	Building
Agron	Agronomy Hall	L A	Landscape Architecture Bldg. Bessey
Ames Hi	Ames High School	L Mech	Laboratory of Mechanics
Armory	Armory	Lagomar	Lagomarcino Hall
Atansff	Atanasoff Hall	LeBaron	LeBaron Hall
Bessey	Bessey Hall	Library	Parks Library
Beyer	Beyer Hall	Lloyd	Lloyd Veterinary Medical Center
BRL	Biorenewables Research Laboratory	MacKay	MacKay Hall
Black	Black Engineering Bldg.	MWL Com*	Maple-Willow-Larch Commons
Carver	Carver Hall	Martin	Martin Residence Hall
Com Bldg	Communications Bldg.	Marston	Marston Hall
Coover	Coover Hall	Meats L	Meats Laboratory
Curtiss	Curtiss Hall	Mem Un/MU	Memorial Union
Dairy F	Dairy Farm	Mol-Bio	Molecular Biology Bldg.
David	Davidson Hall	Morrill	Morrill Hall
Design	College of Design	Music	Music Hall
Durham	Durham Center	NSRIC	National Swine Research and Information Center
E Hall	East Hall	Palmer	Palmer HDFS Bldg.
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	St Gym	State Gymnasium
Horse B	Horse Barn	Sukup	Sukup Hall
Hort	Horticulture Hall & Greenhouse	Sweeney	Sweeney Hall
Howe	Howe Hall	Town	Town Engineering Bldg.
I Ed I	Industrial Education Bldg. I	Troxel	Troxel Hall
I Ed II	Industrial Education Bldg. II	Vet Med	Veterinary Medicine Bldg.
Insect	Insectary and Greenhouse	Wilhelm	Wilhelm Hall
Jischke	Martin Jischke Honors Bldg.	Zaffrno	Zaffarano Physics Addition
Kildee	Kildee Hall		
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		

ACCOUNTING

LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS

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

5277005 A MWF 9:00-9:50
MEETS: JAN 12-MAY 8
5277010 B MWF 11:00-11:50
MEETS: JAN 12-MAY 8

FINANCIAL ACCOUNTNG ACCT 284 3 CREDITS

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

1110005 A TR 12:40-2:00
MEETS: JAN 12-MAY 8
1110010 B TR 11:00-12:20
MEETS: JAN 12-MAY 8
1110015 C TR 9:30-10:50
MEETS: JAN 12-MAY 8
1110020 D TR 2:10-3:30
MEETS: JAN 12-MAY 8
1110025 E MWF 3:10-4:00
MEETS: JAN 12-MAY 8

MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS

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

1112005 A TR 9:30-10:50
MEETS: JAN 12-MAY 8
1112010 B TR 11:00-12:20
MEETS: JAN 12-MAY 8
1112015 C MWF 12:10-1:00
MEETS: JAN 12-MAY 8
1112020 D MWF 1:10-2:00
MEETS: JAN 12-MAY 8
1112025 E MWF 11:00-11:50
MEETS: JAN 12-MAY 8
1112030 F MWF 2:10-3:00
MEETS: JAN 12-MAY 8
1112035 G TR 12:40-2:00
MEETS: JAN 12-MAY 8
1112040 I TR 2:10-3:30
MEETS: JAN 12-MAY 8
1112045 J MWF 4:10-5:00
MEETS: JAN 12-MAY 8
1112050 K MWF 3:10-4:00
MEETS: JAN 12-MAY 8

THE ACCOUNTNG CYCLE ACCT 301 1 CREDIT

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

1078005 A ARRANGED
MEETS: JAN 12-MAY 8
Note: SEC A MUST MEET FOR A ONE-TIME ORIENTATION ON TUESDAY, JAN. 20 AT 5:10PM 1148 GERDIN
Course delivery is WWW
1078010 B ARRANGED
MEETS: JAN 12-MAY 8
Note: SEC B MUST MEET FOR A ONE-TIME ORIENTATION ON FRIDAY, JAN. 21 AT 4:10 PM IN 1148 GERDIN
Course delivery is WWW

INTMD MANAGERL ACCT ACCT 383 3 CREDITS

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

1117005 A1 MWF 11:00-11:50
MEETS: JAN 12-MAY 8
1117010 A2 MWF 11:00-11:50
MEETS: JAN 12-MAY 8
1117015 B1 MWF 12:10-1:00
MEETS: JAN 12-MAY 8
1117020 B2 MWF 12:10-1:00
MEETS: JAN 12-MAY 8
1117025 C1 TR 11:00-12:20
MEETS: JAN 12-MAY 8
1117030 C2 TR 11:00-12:20
MEETS: JAN 12-MAY 8

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.

1123005 A1 MWF 10:00-10:50
MEETS: JAN 12-MAY 8
1123010 A2 MWF 10:00-10:50
MEETS: JAN 12-MAY 8
1123015 B1 TR 9:30-10:45
MEETS: JAN 12-MAY 8
1123020 B2 TR 9:30-10:45
MEETS: JAN 12-MAY 8
1123025 C1 MWF 11:00-11:50
MEETS: JAN 12-MAY 8
1123030 C2 MWF 11:00-11:50
MEETS: JAN 12-MAY 8

ACCOUNTING

(CONTINUED)

INTMED ACCOUNTING I ACCT 386 3 CREDITS

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

1118005 A1 TR 2:10-3:30
MEETS: JAN 12-MAY 8
1118010 A2 TR 2:10-3:30
MEETS: JAN 12-MAY 8
1118015 B1 TR 9:30-10:50PM
MEETS: JAN 12-MAY 8
1118020 B2 TR 9:30-10:50PM
MEETS: JAN 12-MAY 8
1118025 C1 TR 3:40-5:00
MEETS: JAN 12-MAY 8
1118030 C2 TR 3:40-5:00
MEETS: JAN 12-MAY 8
1118035 D1 TR 11:00-12:15
MEETS: JAN 12-MAY 8
1118040 D2 TR 11:00-12:15
MEETS: JAN 12-MAY 8

INTMD ACCOUNTING II ACCT 387 3 CREDITS

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

1119005 A1 TR 3:40-5:00
MEETS: JAN 12-MAY 8
1119010 A2 TR 3:40-5:00
MEETS: JAN 12-MAY 8
1119015 B1 TR 8:00-9:15
MEETS: JAN 12-MAY 8
1119020 B2 TR 8:00-9:15
MEETS: JAN 12-MAY 8

ADV MANAGERIAL ACCT ACCT 483 3 CREDITS

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

8793005 A M 6:40-9:25PM
MEETS: JAN 12-MAY 8

PRIN FED INCOME TAX ACCT 485 3 CREDITS

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

1121005 A1 TR 8:00-9:20
MEETS: JAN 12-MAY 8
1121010 A2 TR 8:00-9:20
MEETS: JAN 12-MAY 8
1121015 B1 TR 9:30-10:50
MEETS: JAN 12-MAY 8
1121020 B2 TR 9:30-10:50
MEETS: JAN 12-MAY 8
1121025 C1 MWF 1:10-2:00
MEETS: JAN 12-MAY 8
1121030 C2 MWF 1:10-2:00
MEETS: JAN 12-MAY 8

VOLUN INCM TAX ASSI ACCT 487 1 CREDIT

Prereq: ACCT 285 OR ACCT 501
3365005 A T 6:10-8:00PM
M 6:10-8:00PM
MEETS: JAN 13-APRIL 13
Note: SEC A LEC MEETS 1/13-2/10 LAB MEETS 2/16-4/13
3365010 B T 6:10-8:00PM
T 6:10-8:00PM
MEETS: JAN 13-APRIL 14
Note: SEC B LEC MEETS 1/13-2/10. LAB MEETS 2/17-4/14
3365015 C T 6:10-8:00PM
W 2:10-4:00
MEETS: JAN 13-APRIL 15
Note: SEC C: LECTURE MEETS: 1/13-2/10. LAB MEETS 2/18-4/15

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 9:30-10:50
MEETS: JAN 12-MAY 8

ACCOUNTING

(CONTINUED)

INTERNATIONAL ACCT ACCT 496 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: COURSE RESTRICTED TO ACCT UNDERGRADS
 & I BUS MAJORS ONLY
 9026005 A R 6:40-9:55PM
 MEETS: JAN 15-APRIL 9

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 12-MAY 8
 1126010 B MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 1126015 C MW 5:10-6:25PM
 MEETS: JAN 12-MAY 8

ACCT FOR DECISN MAK ACCT 581 3 CREDITS
 Prereq: ACCT 501 OR EQUIVALENT
 9116005 A MW 4:10-5:55
 MEETS: JAN 12-APRIL 8

ADV MANAGERIAL ACCT ACCT 583 3 CREDITS
 Prereq: ACCT 383 OR ACCT 581
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1009005 A T 6:10-9:30PM
 MEETS: JAN 13-APRIL 7

VOLUN INCM TAX ASSI ACCT 587 1 CREDIT
 Prereq: ACCT 285 OR ACCT 501
 1089005 A T 6:10-8:00PM
 M 6:10-8:00PM
 MEETS: JAN 13-APRIL 13
 Note: SEC A LEC MEETS 1/13-2/10 LAB
 MEETS 2/10-4/13
 1089010 B T 6:10-8:00PM
 T 6:10-8:00PM
 MEETS: JAN 13-APRIL 14
 Note: SEC B LEC MEETS 1/13-2/10. LAB
 MEETS 2/17-4/14
 1089015 C T 6:10-8:00PM
 W 2:10-4:00
 MEETS: JAN 13-APRIL 15
 Note: SEC C LEC MEETS:1/13-2/10 LAB
 MEETS 2/18-4/15

GOV'T&NON-PRFT ACCT ACCT 588 3 CREDITS
 Prereq: ACCT 387
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2909005 A W 6:10-9:30PM
 MEETS: JAN 14-APRIL 15

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

 SEE DEPT FOR REFERENCE NUMBERS

ADV ACCNTNG PROBLMS ACCT 595 3 CREDITS
 Prereq: ACCT 387
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1011005 A TR 9:30-10:50
 MEETS: JAN 12-MAY 8

INTERNATIONAL ACCT ACCT 596 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2892005 A R 6:40-9:55PM
 MEETS: JAN 15-APRIL 9

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 12-MAY 8

STRATEG PLAN AD&P.R ADVRT 301 3 CREDITS
 Prereq: ADVRT 230 OR P R 220; SOPHOMORE
 CLASSIFICATION
 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 SOPHOMORES AND ABOVE.
 4439005 1A MW 9:30-10:50
 MEETS: JAN 12-MAY 8
 4439010 1B MW 9:30-10:50
 MEETS: JAN 12-MAY 8
 4439015 2A TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 4439020 2B TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 4439025 3A TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 4439030 3B TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 4439035 4A TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 4439040 4B TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 4439045 5A TR 11:00-12:20
 MEETS: JAN 12-MAY 8

ADVERTISING

(CONTINUED)

STRATEG PLAN AD&P.R ADVRT 301 3 CREDITS
 4439050 5B TR 11:00-12:20
 MEETS: JAN 12-MAY 8

ADVERTSNG CREATIVTY ADVRT 334 3 CREDITS
 Prereq: ADVRT/P R 301; C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY.
 4669005 1 MW 8:00-9:50
 MEETS: JAN 12-MAY 8

ADVERT MEDIA PLANNG ADVRT 335 3 CREDITS
 Prereq: ADVRT 301 OR P R 301
 4670005 1A MW 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO JL MC, ADVRT, P R
 MAJORS ONLY
 4670010 1B MW 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT,
 P R

ADVERT ACCOUNT MGMT ADVRT 336 3 CREDITS
 Prereq: ADVRT 301 OR P R 301, C+ OR BETTER
 IN JL MC 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONY
 4440005 1 TR 5:10-6:20PM
 MEETS: JAN 12-MAY 8

PRO SKILL DEVEL:MAP ADVRT 390A 1 CREDIT
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR
 PERMISSION
 Note: TOPIC: MEREDITH APPRENTICESHIP PROGRAM.
 NO MORE THAN 3 CREDITS IN JL MC/ADVRT/P R 390 MAY
 BE APPLIED TOWARD MAJOR REQUIREMENTS FOR GRADUATION.
 8585005 1 T 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

PRO SKIL:FASHN WRIT ADVRT 390J 3 CREDITS
 9786005 1 TR 10:20-12:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY
 9786010 2 TR 3:10-5:20
 MEETS: JAN 12-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN ADVRT, JL MC,
 P R

ADVERTISING CAMPGNS ADVRT 434 3 CREDITS
 Prereq: ADVRT 334 OR ADVRT 336; CLASSIFICATION
 IN ADVRT, JL MC, OR P R MAJOR
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS
 ONLY
 4685005 1 MW 3:10-4:30
 MEETS: JAN 12-MAY 8

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 3:10-4:30
 MEETS: JAN 12-MAY 8

SPL TOP COMPUT COMM ADVRT 497J 3 CREDITS
 9767005 A1 R 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY
 9767010 A2 R 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ADVRT, JL MC
 P R

AEROSPACE ENGINEERING

AEROSPACE ENG PROBLM AER E 160 3 CREDITS
 Prereq: SATISFACTORY SCORES ON MATH PLACEMENT
 EXAM; CREDIT OR ENROLLMENT IN MATH 142/MATH 145x,
 MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: M E 160, ENGR 160,
 AER E 160, C E 160, CPR E 185, E E 185, S E 185,
 I E 148
 Night exams scheduled. For dates go to
 http://www.registrar.iastate.edu/students/exams/
 night-exams.
 6215005 1 MW 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 12-MAY 8

NUM&GRAPHIC&LAB TCNQ AER E 161 3 CREDITS
 Prereq: AER E 160 OR EQUIVALENT COURSE
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 7834005 1 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 12-MAY 8
 7834010 2 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 12-MAY 8
 7834015 3 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 12-MAY 8

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

NUM&GRAPHIC&LAB TCNQ AER E 161 3 CREDITS
 7834020 4 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 12-MAY 8
 7834030 5 MW 11:00-11:50
 F 11:00-12:50
 MEETS: JAN 12-MAY 8
 7834035 6 MW 11:00-11:50
 F 11:00-12:50
 MEETS: JAN 12-MAY 8

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
 F 11:00-12:50
 MEETS: JAN 12-MAY 8
 8247010 2 MW 11:00-11:50
 F 11:00-12:50
 MEETS: JAN 12-MAY 8

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
 MEETS: JAN 12-MAY 8
 1085010 2 M 4:10-5:00
 MEETS: JAN 12-MAY 8
 1085015 3 M 4:10-5:00
 MEETS: JAN 12-MAY 8
 1085020 4 W 4:10-5:00
 MEETS: JAN 12-MAY 8
 1085025 5 W 4:10-5:00
 MEETS: JAN 12-MAY 8
 1085030 6 W 4:10-5:00
 MEETS: JAN 12-MAY 8

HONOR AEROSPC SEMNR AER E 192H R CREDIT
 Note: COURSE RESTRICTED TO HONORS STUDENTS
 Satisfactory-Fail Only.
 2647005 1 F 4:10-5:00
 MEETS: JAN 12-MAY 8
 2647010 2 F 4:10-5:00
 MEETS: JAN 12-MAY 8

INTRO PERFRMNC&DSGN AER E 261 3 CREDITS
 Prereq: AER E 161, MATH 166, PHYS 221
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 6021005 1 TR 10:00-11:20
 F 1:10-2:00
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY AER E 290C 1- 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION, DEPT APPROVAL
 Note: OFFERED FOR 2 CREDIT SPRING 2015
 ***** SEE DEPT FOR REFERENCE NUMBERS

AEROSPC ADVISNG SEM AER E 291 R CREDIT
 Satisfactory-Fail Only.
 1086005 1 W 11:00-11:50
 MEETS: JAN 12-MAY 8

AEROSPC ADVISNG SEM AER E 292 R CREDIT
 Satisfactory-Fail Only.
 1115005 1 M 4:10-5:00
 MEETS: JAN 12-MAY 8
 1115010 2 M 5:10-6:00PM
 MEETS: JAN 12-MAY 8

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

FLIGHT EXPERIENCE AER E 301 R CREDIT
 Prereq: CREDIT OR ENROLLMENT IN AER E 355
 Satisfactory-Fail Only.
 1160005 W 3:10-4:00
 MEETS: JAN 12-MAY 8

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
 MEETS: JAN 12-MAY 8

AERODYN II:CMRSSL 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
 MEETS: JAN 12-MAY 8
 1179010 2 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

FLIGHT STRUCT ANALY AER E 321 3 CREDITS
 Prereq: E M 324
 7164005 1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

AEROSPC STRUCTR LAB AER E 322 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN AER E 321
 9129005 1 M 4:10-5:00
 T 2:10-3:00
 MEETS: JAN 12-MAY 8
 9129010 2 M 4:10-5:00
 R 2:10-4:00
 MEETS: JAN 12-MAY 8

FLGHT CONTROL SYS I AER E 331 3 CREDITS
 Prereq: AER E 355
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 1235005 1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 1235010 2 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

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

ASTRODYNAMICS I AER E 351 3 CREDITS
 Prereq: E M 345, AER E 261, CREDIT OR ENROLLMENT
 IN AER E 243
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 1168005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

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
 MEETS: JAN 12-MAY 8

COMP TECHNQ AER DSN AER E 361 3 CREDITS
 Prereq: AER E 243, MATH 267, E M 324, E M 345
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 1170005 1 TR 9:30-10:50
 T 2:10-4:00
 MEETS: JAN 12-MAY 8
 1170010 2 TR 9:30-10:50
 R 2:10-4:00
 MEETS: JAN 12-MAY 8
 1170015 3 TR 9:30-10:50
 F 12:10-2:00
 MEETS: JAN 12-MAY 8
 1170020 4 TR 9:30-10:50
 T 12:10-2:00
 MEETS: JAN 12-MAY 8

INTRO WIND ENERGY AER E 381 3 CREDITS
 Prereq: MATH 166, PHYS 221
 Note: SPRING ONLY
 9100005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

AERO ADVISNG SEMINR AER E 392 R CREDIT
 Satisfactory-Fail Only.
 1151005 1 W 4:10-5:00
 MEETS: JAN 12-MAY 8
 1151010 2 W 5:10-6:00PM
 MEETS: JAN 12-MAY 8

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

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

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

AERO VEHIC PROPUL I AER E 411 3 CREDITS
 Prereq: AER E 311
 6028005 1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

AER VEH PROPULSN II AER E 412 3 CREDITS
 Prereq: AER E 311
 1174005 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

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 1:10-2:00
 F 1:10-3:00
 MEETS: JAN 12-MAY 8
 1176010 2 MW 3:10-4:00
 F 10:00-11:50
 MEETS: JAN 12-MAY 8

VIBRAT&AEROELASTCTY AER E 422 3 CREDITS
 Prereq: E M 324 OR AER E 321
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 1178005 1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

COMPOSITE FLT STRUC AER E 423 3 CREDITS
 Prereq: E M 324, MAT E 273
 4615005 1 MW 12:10-1:00
 R 9:00-10:50
 MEETS: JAN 12-MAY 8
 4615010 2 MW 12:10-1:00
 R 12:10-2:00
 MEETS: JAN 12-MAY 8
 4615015 3 MW 12:10-1:00
 T 12:10-2:00
 MEETS: JAN 12-MAY 8
 4615020 4 MW 12:10-1:00
 T 9:00-10:50
 MEETS: JAN 12-MAY 8

ASTRODYNAMICS II AER E 451 3 CREDITS
 Prereq: AER E 351
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 1184005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

MOD DESIGN METHODOL AER E 461 3 CREDITS
 Prereq: AER E 361, AER E 311, AER E 321,
 AER E 351, AER E 355
 Note: COURSE RESTRICTED TO AER E SENIORS ONLY
 1186005 1 TR 9:00-9:50
 R 1:10-3:00
 MEETS: JAN 12-MAY 8

DESIGN AEROSPAC SYS AER E 462 3 CREDITS
 Prereq: AER E 461
 Note: COURSE RESTRICTED TO AER E SENIORS ONLY
 1187005 1 T 10:00-10:50
 TR 11:00-12:50
 MEETS: JAN 12-MAY 8
 1187010 2 T 2:10-3:00
 TR 3:10-5:00
 MEETS: JAN 12-MAY 8

INTRODUCTION TO MDO AER E 463X 3 CREDITS
 Prereq: SENIOR STANDING IN COLLEGE OF ENGINEERING
 9589005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 9589600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

SPACECRAFT SYSTEMS AER E 464 3 CREDITS
 Prereq: AER E 351
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 1188005 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

MULTIDISC ENGR DSGN AER E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 8778005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 12-MAY 8

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 490O 1- 6 CREDITS
 Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

 SEE DEPT FOR REFERENCE NUMBERS

AERO ADVISNG SEMINR AER E 491 R CREDIT
 Note: COURSE RESTRICTED TO AER E MAJOR ONLY.
 Satisfactory-Fail Only.
 1198005 R 4:10-5:00
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUC AER E 498 R CREDIT
 Prereq: AER E 398, PERMSN OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

SENIOR PROJECT AER E 499 1- 2 CREDITS
 Prereq: SENIOR CLASSIFICATION, CR OR ENROLLMENT
 IN AER E 491
 4759005 ARRANGED
 MEETS: JAN 12-MAY 8

WIND ENERGY SYS DSN AER E 511X 3 CREDITS
 Prereq: AER E 310, AER E 321, AER E 331 (OR
 EQUIVALENT COURSES); OR WESEP 501X
 9512005 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

FINITE ELEMENT ANLY AER E 525 3 CREDITS
 Prereq: E M 425, MATH 385
 7252005 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 7252600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

COMPRESBL FLUID FLO AER E 532 3 CREDITS
 Prereq: AER E 310, AER E 311 OR EQUIVALENT
 6032600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

FLU MECH&HEAT TR II AER E 547 3 CREDITS
 Prereq: AER E 546
 1213005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 1213600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

INTRODUCTION TO MDO AER E 563X 3 CREDITS
 9720005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 9720600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

MCH COMPOSITE MATLS AER E 569 3 CREDITS
 Prereq: E M 324
 7520005 1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

OPTIMAL CONTROL AER E 574 3 CREDITS
 Prereq: E E 577
 8188005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 Section info: http://http://courses.elo.iastate.edu
 /aer%20e/574/xe/2014/spring/ove
 Syllabus: http://rview//
 8188600 XE ARRANGED LU P
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

DIGIT FEEDBK CNTRL AER E 576 3 CREDITS
 Prereq: AER E 432 OR E E 475 OR M E 411 OR
 M E 414 OR MATH 415; AND MATH 267
 8189005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

NONLINEAR SYSTEMS AER E 578 3 CREDITS
 Prereq: E E 577
 8191005 MW 4:10-5:30
 MEETS: JAN 12-MAY 8
 8191600 XE ARRANGED VAIDYA U
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

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

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

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

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

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

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

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

SPL TOP 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 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: College permission required.

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

AFRICAN AND AFRICAN AMERICAN STUDIES

INTRO AFRIC AMER ST AF AM 201 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 8310005 A TR 11:00-12:20
 MEETS: JAN 12-MAY 8

8310010 B TR 11:00-12:20
 MEETS: JAN 12-MAY 8

8310015 C TR 2:10-3:30
 MEETS: JAN 12-MAY 8

8310020 D TR 9:30-10:50
 MEETS: JAN 12-MAY 8

8310025 E TR 9:30-10:50
 MEETS: JAN 12-MAY 8

8310030 F TR 12:40-1:55
 MEETS: JAN 12-MAY 8

ETHNIC&RACE RELATNS AF AM 330 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 Note: SEC A1,B1 ETC RESTRICTED TO AG SO, SOC, P S A.
 SEC A2,B2 ETC FOR MAJORS OTHER THAN AG SO, SOC,
 P S A.
 Meets U.S. diversity reqmt
 8638005 A1 TR 12:40-2:00 KUSOW A
 MEETS: JAN 12-MAY 8

8638010 A2 TR 12:40-2:00 KUSOW A
 MEETS: JAN 12-MAY 8

AFRI AMER RELIG EXP AF AM 334 3 CREDITS
 Prereq: PRIOR COURSE WORK IN RELIG OR AF AM
 RECOMMENDED
 Note: Meets U.S. diversity reqmt
 8661005 MWF 1:10-2:00 CHASE C
 MEETS: JAN 12-MAY 8

HIST AFRICAN AMER I AF AM 353 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Meets U.S. diversity reqmt
 8743005 TR 9:30-10:50 ADELEKE R
 MEETS: JAN 12-MAY 8

SEM AFRIC AMER CULT AF AM 460 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required.
 6688005 A ARRANGED
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY AF AM 490 1- 3 CREDITS
 Prereq: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR
 AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM
 Note: Instructor permission required.
 8357005 ARRANGED
 MEETS: JAN 12-MAY 8

AGRICULTURAL AND BIOSYSTEMS ENGINEERING

EXPERNC AG&BIO ENGR A B E 110 1 CREDIT
 1001005 A T 10:00-11:50
 MEETS: JAN 12-MAY 8

1001010 B R 10:00-11:50
 MEETS: JAN 12-MAY 8

1001015 C R 2:10-4:00
 MEETS: JAN 12-MAY 8

SYST PROB SOLV&PROG A B E 160 3 CREDITS
 Prereq: MATH 165 OR ENROLLMENT IN MATH 142
 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 12-MAY 8

6707010 B MW 4:10-6:00PM
 MEETS: JAN 12-MAY 8

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

ENG GRPHC&INTRO DSN A B E 170 3 CREDITS
 Prereq: SATISFACTORY SCORES IN MATH PLACEMENT
 ASSESSMENTS; CREDIT OR ENROLLMENT IN MATH 142/MATH
 145X
 6705005 MW 12:10-2:00
 MEETS: JAN 12-MAY 8

SMNR:PREP FOR WRKPL A B E 201 1 CREDIT
 Prereq: A B E 110 OR TSM 111 OR EQUIVALENT
 1373005 A MW 4:10-5:00
 MEETS: JAN 12-MARCH 6

PROJ MGT&DESIGN ABE A B E 218 2 CREDITS
 Prereq: A B E 216
 1067005 A T 3:10-4:00
 W 2:10-4:00
 MEETS: JAN 12-MAY 8
 1067010 B T 3:10-4:00
 M 2:10-4:00
 MEETS: JAN 12-MAY 8

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 12-MARCH 6
 Note: SEC A RESTRICTED TO STUDENTS IN COLLEGE OF
 ENGINEERING.
 9153010 B M 9:00-9:50
 W 8:00-9:50
 MEETS: JAN 12-MARCH 6
 Note: SEC B RESTRICTED TO A E, AST & I TEC MAJORS
 ONLY.

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 9-MAY 8
 Note: SEC A RESTRICTED TO STUDENTS IN THE COLLEGE OF
 ENGINEERING.
 2650010 B M 9:00-9:50
 W 8:00-9:50
 MEETS: MARCH 9-MAY 8
 Note: SEC B RESTRICTED TO A E, AST & I TEC MAJORS
 ONLY.

CAD FACILT&LAND USE A B E 273X 1 CREDIT
 Prereq: ENGR 170 OR TSM 116 OR EQUIVALENT
 8259005 A M 2:10-3:00
 W 1:10-3:00
 MEETS: JAN 12-MARCH 6

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

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 12-MAY 8
 1008010 A2 MW 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 12-MAY 8
 1008015 B1 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 1008020 B2 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 12-MAY 8

PRIN BIOL SYS ENGR A B E 380 3 CREDITS
 Prereq: A B E 216, CH E 357
 8499005 MW 12:10-1:00
 F 12:10-2:00
 MEETS: JAN 12-MAY 8

ENGR INTERNSHIP A B E 397 R CREDIT
 Prereq: A B E 218 AND PERMISSION OF DEPARTMENT
 AND ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC A B E 398 R CREDIT
 Prereq: A B E 298, 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 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 12-MAY 8

ELE SYS INTEGRAT AG A B E 410 3 CREDITS
 Note: COURSE FOR UNDERGRADUATES ONLY
 6795005 M 3:10-5:00
 W 3:10-5:00
 MEETS: JAN 12-MAY 8
 Note: Materials and professional support fee \$100.00

AG&BIOSY ENGR DSN I A B E 415 2 CREDITS
 Prereq: A B E 271 OR A B E 272, E M 324
 Note: COURSE RESTRICTED TO A E, BSE MAJORS ONLY
 8253005 M 12:10-1:00, ARRANGED
 MEETS: JAN 12-MAY 8

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 ARRANGED
 MEETS: JAN 12-MAY 8

AIR POLLUT AIR QUAL A B E 424A 1 CREDIT
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR
 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR
 PERMISSION OF INSTRUCTOR
 1243005 1 TR 9:30-10:50
 MEETS: JAN 15-FEB 12

AIR POLLUT &CLIMATE A B E 424B 1 CREDIT
 Prereq: A B E 424A, PHYS 221 OR CHEM 178;
 MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION
 OR ABOVE OR PERMISSION OF INSTRUCTOR
 1364005 1 TR 9:30-10:50
 MEETS: FEB 17-MARCH 26

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

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

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

NONPT SOURC POLLU&C A B E 432 3 CREDITS
 Prereq: E M 378 OR CH E 356 OR M E 335
 6766005 MF 9:00-9:50
 W 9:00-10:50
 MEETS: JAN 12-MAY 8

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 4:10-5:00, ARRANGED
 MEETS: JAN 12-MAY 8

GRAIN PROCESS&HANDL A B E 469 3 CREDITS
 Prereq: A B E 216
 1371005 MW 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 1371010 B MW 10:00-10:50
 T 3:10-6:00PM
 MEETS: JAN 12-MAY 8

WOOD-FRM STRUC DSGN A B E 478 3 CREDITS
 Prereq: A B E 216, E M 324
 8230005 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8

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

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

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

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

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

IND STU ENVIR&N RES A B E 490S 1- 4 CREDITS

SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN A B E 498 R CREDIT
Prereq: A B E 398, PERMISSION OF THE DEPARTMENT
AND ENGINEERING CAREER SERVICES

SEE DEPT FOR REFERENCE NUMBERS

FUND BIORENEW RESOU A B E 501 3 CREDITS
9327005 MWF 2:10-3:00
MEETS: JAN 12-MAY 8
9327600 XE ARRANGED
MEETS: JAN 12-MAY 8
Note: Section XE is off campus
Course delivery is WWW

MODELG&CONTROLS SYS A B E 503 3 CREDITS
Prereq: A B E 363, MATH 266
1032005 MW 9:00-9:50
F 9:00-10:50
MEETS: JAN 12-MAY 8

ELE SYS INTEGRAT AG A B E 510 3 CREDITS
Prereq: A B E 363 OR EQUIVALENT
6820005 M 3:10-5:00
W 3:10-5:00
MEETS: JAN 12-MAY 8
Note: Materials and professional support fee \$100.00

AIR POLLUT AIR QUAL A B E 524A 1 CREDIT
Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CR
IN STAT; SENIOR OR ABOVE CLASSIFICATION
9737005 1 TR 9:30-10:50
MEETS: JAN 15-FEB 12

AIR POLLUT &CLIMATE A B E 524B 1 CREDIT
Prereq: A B E 524A; PHYS 221 OR CHEM 178;
MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE
CLASSIFICATION
9738005 1 TR 9:30-10:50
MEETS: FEB 17-MARCH 26

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

AIR POLLUT TREATMNT A B E 524D 1 CREDIT
Prereq: C E 524B; PHYS 221 OR CHEM 178; MATH 166
OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
9739005 1 TR 9:30-10:50
MEETS: MARCH 31-APRIL 30

AIR POLLUT AG SOURC A B E 524E 1 CREDIT
9740005 1 TR 9:30-10:50
MEETS: MARCH 31-APRIL 30

NONPT SOURC POLLU&C A B E 532 3 CREDITS
Prereq: E M 378 OR CH E 356 OR M E 335
6788005 MF 9:00-9:50
W 9:00-10:50
MEETS: JAN 12-MAY 8

GRAIN PROCESS&HNDLG A B E 569 3 CREDITS
Prereq: A B E 216
1035005 MW 10:00-10:50
R 3:10-6:00PM
MEETS: JAN 12-MAY 8
1035010 B MW 10:00-10:50
T 3:10-6:00PM
MEETS: JAN 12-MAY 8
Note: Materials, field trips &/or travel fee \$50.00

WOOD-FRAM STRUC DSN A B E 578 3 CREDITS
Prereq: A B E 216, E M 324
8240005 MWF 8:00-8:50
MEETS: JAN 12-MAY 8

MASTER'S TECH COMM A B E 598 1 CREDIT
Satisfactory-Fail Only.
8332005 ARRANGED
MEETS: JAN 12-MAY 8

CREATIVE COMPONENT A B E 599 VAR. CREDITS
1044005 ARRANGED
MEETS: JAN 12-MAY 8

ADVANCED TOPICS A B E 690 VAR. CREDITS
1048005 ARRANGED
MEETS: JAN 12-MAY 8

TEACHING PRACTICUM A B E 694 1- 3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF
INSTRUCTOR
6457005 ARRANGED
MEETS: JAN 12-MAY 8

ENGINEERG INTERNSHP A B E 697 R CREDIT
Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF
Satisfactory-Fail Only.

1700005 ARRANGED
MEETS: JAN 12-MAY 8

DOCTORAL TECH COMM A B E 698 1 CREDIT
Satisfactory-Fail Only.
8333005 ARRANGED
MEETS: JAN 12-MAY 8

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

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

ORIENT AG &LIFE SCI AGEDS 110C .5- 1 CREDITS
8358005 MW 12:10-1:00 OSBORN B
MEETS: JAN 12-MARCH 6

AG BIOTECHN COLLOQ AGEDS 112 1 CREDIT
Prereq: ENROLLMENT AS AN AG EXCELLENCE SCHOLAR
1303005 T 1:10-2:00 BEITZ D
MEETS: JAN 12-MAY 8

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
Prereq: AGEDS 110
7586005 1 ARRANGED RETALICK M
MEETS: JAN 12-MAY 8

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
Prereq: AGEDS 110
7603005 1 ARRANGED BROWN S
MEETS: JAN 12-MAY 8

CAREER SEMINAR AGEDS 215 1 CREDIT
Prereq: SOPHOMORE CLASSIFICATION
1385010 2 TR 11:00-11:50 CHAMBERLAIN B
MEETS: MARCH 9-MAY 8
1385005 1 TR 11:00-11:50 HANSON V
MEETS: JAN 12-MARCH 6

Note: SECTION 1 RESTRICTED TO AGLSE MAJORS ONLY. OTHERS
BY PERMISSION OF INSTRUCTOR.

FOUND AG ED PROGRMS AGEDS 310 3 CREDITS
8790005 TR 9:30-10:50 PAULSEN T
MEETS: JAN 12-MAY 8

PRESENTN STRATEGIES AGEDS 311 3 CREDITS
Note: SEC 1A, 2A ECT RESTICTED TO AG ST, AGLSW MAJORS
ONLY. SEC 1B, 2B ECT FOR MAJORS OTHER THAN AG ST,
AGLSE

1272005 1A MWF 11:00-11:50 MARTIN R
MEETS: JAN 12-MAY 8

1272010 1B MWF 11:00-11:50 MARTIN R
MEETS: JAN 12-MAY 8

1272015 2A MWF 9:00-9:50 MARTIN R
MEETS: JAN 12-MAY 8

1272020 2B MWF 9:00-9:50 MARTIN R
MEETS: JAN 12-MAY 8

1272025 3A TR 9:30-10:50 HANSON V
MEETS: JAN 12-MAY 8

1272030 3B TR 9:30-10:50 HANSON V
MEETS: JAN 12-MAY 8

1272035 4A MWF 10:00-10:50 HANSON V
MEETS: JAN 12-MAY 8

1272040 4B MWF 10:00-10:50 HANSON V
MEETS: JAN 12-MAY 8

SCI WITH PRACTICE AGEDS 312 3 CREDITS
Prereq: MAJOR IN THE COLLEGE OF AG LS

8006005 1 T 2:10-3:00, ARRANGED RETALICK M
MEETS: JAN 12-MAY 8

8006010 2 ARRANGED RETALICK M
MEETS: JAN 12-MAY 8

Note: Instructor permission required.

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
 1273005 1 T 12:40-2:00, ARRANGED DOLLISSO A
 MEETS: JAN 12-MAY 8
 1273600 XW ARRANGED DOLLISSO A
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

ADV COMM AG&LIF SCI AGEDS 327 3 CREDITS
 Prereq: ENGL 250 OR EQUIVALENT
 9159005 1A TR 2:10-3:00 HANSON V
 R 3:10-5:00 HANSON V
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO AG ST, AGLSE
 MAJORS ONLY
 9159010 1B TR 2:10-3:00 HANSON V
 R 3:10-5:00 HANSON V
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN AG ST,
 AGLSE

AG MECHAN APPLCATNS AGEDS 388 3 CREDITS
 6067005 1A M 4:10-6:00PM ANDERSON R
 W 4:10-7:00PM ANDERSON R
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO AG ST, AGLSE
 MAJORS ONLY
 6067010 1B M 4:10-6:00PM ANDERSON R
 W 4:10-7:00PM ANDERSON R
 MEETS: JAN 12-MAY 8
 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 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Permission of department chair required.

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

PRE-STDT TCHG EXPR AGEDS 416 1 CREDIT
 Prereq: AGEDS 211, AGEDS 402 AND ADMISSION TO
 TEACHER EDUC PROGRAM. CONCURRENT ENROLLMENT IN
 AGEDS 417 IS REQUIRED.
 1886005 1 ARRANGED MILLER G
 MEETS: JAN 12-MAY 8

SUPRV TEACHNG IN AG AGEDS 417 1-16 CREDITS
 Prereq: AGEDS 211, AGEDS 402 & ADMISSION TO
 TEACHER EDUC PROG
 1281005 1 ARRANGED PAULSEN T
 MEETS: JAN 12-MAY 8

FARM MGMT&OPERATION AGEDS 450 3 CREDITS
 Prereq: ECON 235, ECON 330, JUNIOR CLASSIFICATION
 1386005 1 T 1:10-3:00 MCCUBBINS A
 W 1:10-5:00 PAULSEN T
 MEETS: JAN 12-MAY 8
 1386010 2 T 1:10-3:00 MCCUBBINS A
 R 1:10-5:00 PAULSEN T
 MEETS: JAN 12-MAY 8

AGRICULTURAL LAW AGEDS 451 4 CREDITS
 Prereq: SENIOR CLASSIFICATION
 6798005 1 MWF 10:00-10:50 MCEOWEN R
 M 3:10-5:00 MCEOWEN R
 MEETS: JAN 12-MAY 8

ENTRPRIS MGT:PLANTG AGEDS 465A 3 CREDITS
 Prereq: ECON 230; 6 CR HORT; JUNIOR CLASSIFICATN
 9052005 T 1:10-2:00
 T 2:10-3:00
 R 1:10-5:00
 MEETS: JAN 12-MAY 8

AG MKTG&COMM COMPET AGEDS 475 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 6063005 1 TR 4:10-5:00 NOE S
 MEETS: JAN 12-MAY 8

MTHDS TCHG AG MECHN AGEDS 488 3 CREDITS
 Prereq: 211
 5124005 1 M 1:10-3:00 ANDERSON R
 W 1:10-4:00 ANDERSON R
 MEETS: JAN 12-MAY 8

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
 1516005 ET ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC ET PRE-TRAVEL ETHIOPIA SPRING 2014.
 OFFERED FOR 1 CREDIT SPRING 2014.
 STUDY ABROAD TRAVEL IN SUMMER 2014

AGRI TRAVEL DOMESTC AGEDS 496B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7499005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, ADVISER, &
 DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 8361005 ARRANGED
 MEETS: JAN 12-MAY 8

INTR RESEARCH AG ED AGEDS 510 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 6713005 ARRANGED MILLER G
 MEETS: JAN 12-MAY 8
 6713600 XW ARRANGED MILLER G
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

INSTRUCTIONL METHDS AGEDS 520 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 1299005 ARRANGED PAULSEN T
 MEETS: JAN 12-MAY 8
 1299600 XW ARRANGED PAULSEN T
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

INTR LRNG THRY AGED AGEDS 533 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 8005005 ARRANGED ANDERSON R
 MEETS: JAN 12-MAY 8
 8005600 XW ARRANGED ANDERSON R
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

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

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

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

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

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

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

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

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

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

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

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

WORKSHOP CURRICULUM AGEDS 593A 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1317005 ARRANGED
 MEETS: JAN 12-MAY 8

METHODS WORKSHOP AGEDS 593B 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1318005 ARRANGED
 MEETS: JAN 12-MAY 8

WORKSHOP EVALUATION AGEDS 593C 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1319005 ARRANGED
 MEETS: JAN 12-MAY 8

ADMINISTRTRN WORKSHP AGEDS 593D 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1320005 ARRANGED
 MEETS: JAN 12-MAY 8

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1321005 ARRANGED
 MEETS: JAN 12-MAY 8

WORKSHOP EXTENSION AGEDS 593F 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1322005 ARRANGED
 MEETS: JAN 12-MAY 8

WRKSHP PROGRAM PLAN AGEDS 593G 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1323005 ARRANGED
 MEETS: JAN 12-MAY 8

WKSHP INSTR TECHNOL AGEDS 593H 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1890005 ARRANGED
 MEETS: JAN 12-MAY 8

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

WKSHP BIOTECHNOLOGY AGEDS 593M 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 6536005 ARRANGED
 MEETS: JAN 12-MAY 8

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

AGEDS SEMINR ETHICS AGEDS 615B 1 CREDIT
 Satisfactory-Fail Only.
 2938005 1 ARRANGED COOPER T
 MEETS: JAN 12-MAY 8

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

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

AGRONOMY

PRO DEVEL:ORIENTATN AGRON 110 .5- 1 CREDITS
 1390005 ARRANGED
 MEETS: JAN 12-MAY 8

PRINCIP OF AGRONOMY AGRON 114 3 CREDITS
 1391010 1 M 4:10-5:00 MULLEN R
 T 11:00-11:50 MULLEN R
 ARRANGED MULLEN R
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391015 2 M 4:10-5:00 MULLEN R
 T 3:10-4:00, ARRANGED MULLEN R
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391020 3 M 4:10-5:00 MULLEN R
 W 9:00-9:50, ARRANGED MULLEN R
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391025 4 M 4:10-5:00 MULLEN R
 W 4:10-5:00, ARRANGED MULLEN R
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391030 5 ARRANGED MULLEN R
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

1391600 XW ARRANGED MULLEN R
 MEETS: JAN 12-MAY 8
 Note: ONLY AVAILABLE FOR STUDENTS SEEKING ACCEPTANCE IN
 THE AGRONOMY OR PLANT BREEDING MS PROGRAMS.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

INTR RENEW RESOURCS AGRON 120 3 CREDITS
 1382005 MWF 12:10-1:00 HALL R
 MEETS: JAN 12-MAY 8

1382600 XW ARRANGED HALL R
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

FUND OF SOIL SCIENC AGRON 154 3 CREDITS
 Prereq: CHEM 163
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING CLASS
 PERIODS. CREDIT FOR ONLY ONE OF THE COURSES MAY
 COURSES MAY BE APPLIED TOWARD GRADUATION: AGRON 154,
 AGRON 155, AGRON 156.
 SEC 1-12 IN ADDITION HAVE A 2-4 HRS AUDIO TUTORIAL
 SCHEDULED CLASS PERIODS.

1395010 1 M 12:10-1:00 MANU A
 T 9:00-9:50, ARRANGED MANU A
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/soils/>

1395015 2 M 12:10-1:00 MANU A
 T 10:00-10:50 MANU A
 ARRANGED MANU A
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/soils/>

1395020 3 M 12:10-1:00 MANU A
 T 11:00-11:50 MANU A
 ARRANGED MANU A
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/soils/>

1395025 4 M 12:10-1:00 MANU A
 T 12:10-1:00, ARRANGED MANU A
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/soils/>

1395030 5 M 12:10-1:00 MANU A
 W 11:00-11:50 MANU A
 ARRANGED MANU A
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/soils/>

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

FUND OF SOIL SCIENC AGRON 154 3 CREDITS
 1395035 6 M 12:10-1:00 MANU A
 W 12:10-1:00, ARRANGED MANU A
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/soils/>
 1395040 7 M 4:10-5:00 MANU A
 W 2:10-3:00, ARRANGED MANU A
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/soils/>
 1395045 8 M 4:10-5:00 MANU A
 R 3:10-4:00, ARRANGED MANU A
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/soils/>
 1395050 9 M 4:10-5:00 MANU A
 R 9:00-9:50, ARRANGED MANU A
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/soils/>
 1395600 XC ARRANGED ANDERSON-MBA A
 MEETS: JAN 12-MAY 8
 Note: Section XC is off campus
 Course delivery is CD
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>
 1395055 10 M 4:10-5:00 MANU A
 R 10:00-10:50, ARRANGED MANU A
 MEETS: JAN 12-MAY 8
 1395060 11 M 4:10-5:00 MANU A
 R 1:10-2:00, ARRANGED MANU A
 MEETS: JAN 12-MAY 8
 1395065 12 M 4:10-5:00 MANU A
 R 2:10-3:00, ARRANGED MANU A
 MEETS: JAN 12-MAY 8

SOILS HORT SCIENTST AGRON 155 3 CREDITS
 Prereq: CHEM 163, CLASSIFICATION IN HORT MAJOR
 Note: COURSE RESTRICTED TO HORT MAJORS ONLY. 2-4 HRS
 AUDIO TUTORIAL IN ADDITION TO SCHEDULED CLASS PERIODS
 CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE
 APPLIED TOWARD GRADUATION: AGRON 154, AGRON 155,
 AGRON 156.
 6154005 1 M 12:10-1:00 MANU A
 W 1:10-2:00, ARRANGED MANU A
 MEETS: JAN 12-MAY 8
 Section info: <http://www.agron.iastate.edu/soils/>

WORLD WATER RESOURC AGRON 160 3 CREDITS
 Note: Meets international perspectives reqmt
 3243005 MWF 9:00-9:50 FRANZ K
 MEETS: JAN 12-MAY 8

INTRO WEATHER&CLIMT AGRON 206 3 CREDITS
 1397005 MWF 2:10-3:00 FLORY D
 MEETS: JAN 12-MAY 8

CROP GRWTH,PROD&MGMT AGRON 212 3 CREDITS
 Prereq: AGRON 114
 1399005 1 MWF 11:00-11:50 MIGUEZ F
 MEETS: JAN 12-MAY 8

FIELD APP CROP PROD AGRON 212L 1 CREDIT
 Prereq: AGRON 154, CREDIT OR ENROLLMENT IN AGRON
 212
 6394005 1 T 8:00-9:50 CHRISTIAN E
 MEETS: JAN 12-MAY 8
 6394010 2 T 2:10-4:00 CHRISTIAN E
 MEETS: JAN 12-MAY 8
 6394015 3 W 8:00-9:50 CHRISTIAN E
 MEETS: JAN 12-MAY 8
 6394020 4 W 2:10-4:00 CHRISTIAN E
 MEETS: JAN 12-MAY 8
 6394025 5 R 8:00-9:50 CHRISTIAN E
 MEETS: JAN 12-MAY 8

WEED IDENTIFICATION AGRON 217 1 CREDIT
 Prereq: BIOL 101 OR EQUIVALENT
 7385005 1 R 2:10-5:00 HARTZLER R
 MEETS: MARCH 9-MAY 8

ORGNC CMPD PLT&SOIL AGRON 259 3 CREDITS
 Prereq: CHEM 163, CHEM 167, OR CHEM 177;
 BIOL 211; AGRON 154 OR AGRON 260; MATH 140
 8411005 1 MWF 10:00-10:50 THOMPSON M
 MEETS: JAN 12-MAY 8
 8411010 2 MWF 11:00-11:50 THOMPSON M
 MEETS: JAN 12-MAY 8

SOILS&ENVIRO QUALITY AGRON 260 3 CREDITS
 3973005 1 MWF 12:10-1:00 BURRAS C
 MEETS: JAN 12-MAY 8

PESTICIDE APPL CERT AGRON 283 2 CREDITS
 1905005 A MW 2:10-3:00 HOLSCHER K
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN AGRON 298 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR, SOPHOMORE CLASSIFICATION
 1401005 ARRANGED BURRAS C
 MEETS: JAN 12-MAY 8

PROF DEVEL:WORK EXP AGRON 310 R CREDIT
 Satisfactory-Fail Only.
 1389005 ARRANGED WIEDENHOEFT M
 MEETS: JAN 12-MAY 8

CROP STRUC-FUNC REL AGRON 316 3 CREDITS
 Prereq: BIOL 212 RECOMMENDED
 1406005 MWF 2:10-3:00 KNAPP A
 MEETS: JAN 12-MAY 8

GENET,AGRI&BIOTECHN AGRON 320 3 CREDITS
 Prereq: BIOL 212
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 1418005 TR 3:40-5:00 SALAS-FERNANDEZ
 MEETS: JAN 12-MAY 8

INTERCOLL CROP TEAM AGRON 331 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1408005 1 TR 4:10-7:00PM CHRISTIAN E
 MEETS: JAN 12-MARCH 6
 1408010 2 TR 4:10-7:00PM CHRISTIAN E
 MEETS: MARCH 9-MAY 8

FORAGE CROP MGMT AGRON 334 3 CREDITS
 Prereq: AGRON 114
 1409005 TR 11:00-12:20 CHRISTIAN E
 MEETS: JAN 12-MAY 8

WORLD FOOD ISSUES AGRON 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1402005 1 TR 11:00-12:20 ZDORKOWSKI G
 MEETS: JAN 12-MAY 8
 1402010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 12-MAY 8
 Note: SEC. 2 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 1402015 3 TR 2:10-3:30 ZDORKOWSKI G
 MEETS: JAN 12-MAY 8
 1402020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 12-MAY 8
 Note: SEC. 4 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 1402025 5 TR 12:40-2:00 MERRICK L
 MEETS: JAN 12-MAY 8
 1402600 XW ARRANGED FORD C
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

SOILS & PLANT GROWTH AGRON 354 3 CREDITS
 Prereq: AGRON 154 AND BIOL 101 OR BIOL 211
 1414005 1 MWF 10:00-10:50 LOYNACHAN T
 MEETS: JAN 12-MAY 8
 Section info: <http://www.public.iastate.edu/~teloynac/354out1.html>

SOIL&PLANT GRWTH LB AGRON 354L 1 CREDIT
 Prereq: AGRON OR HORT MAJOR WITH CREDIT OR
 ENROLLMENT IN AGRON 354
 Note: COURSE RESTRICTED TO AGRON & HORT MAJORS ONLY.
 8362005 1 T 12:10-3:00 ANDERSON-MBA A
 MEETS: JAN 12-MAY 8
 8362010 2 W 1:10-4:00 ONA T
 MEETS: JAN 12-MAY 8
 8362015 3 R 1:10-4:00 MATHUR R
 MEETS: JAN 12-MAY 8

ENVIRN SOIL SCIENCE AGRON 360 3 CREDITS
 Prereq: AGRON 154 OR ENSCI 250 OR GEOL 201
 3989005 1 MW 9:00-9:50 BURRAS C
 M 1:10-4:00 BURRAS C
 MEETS: JAN 12-MAY 8
 3989010 2 MW 9:00-9:50 BURRAS C
 W 2:10-5:00
 MEETS: JAN 12-MAY 8

FLD EXP SOIL DESCRP AGRON 370 1 CREDIT
 Prereq: AGRON 154 AND PERMISSION OF INSTRUCTOR
 1417005 R 3:10-6:00PM BURRAS C
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.
 1417010 2 ARRANGED BURRAS C
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

AGRO SCI THY&PRACTC AGRON 388 1 CREDIT
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 8630005 R 4:10-5:00 THOMPSON M
 MEETS: JAN 12-MAY 8

SYST CROP&SOIL MGMT AGRON 392 3 CREDITS
 Prereq: AGRON 316 AND AGRON 354
 4515005 MW 1:10-2:00 WIEDENHOEFT M
 M 2:10-5:00 WIEDENHOEFT M
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN AGRON 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
 1411005 ARRANGED BURRAS C
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

GLOBAL CHANGE AGRON 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING, JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO GE AT MAJORS ONLY
 8140005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 12-MAY 8
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR ENSCA,
 ENSCS AND GE AT MAJORS ONLY
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

ENVIRONM BIOPHYSICS AGRON 405 3 CREDITS
 Prereq: MATH 165 OR MATH 182 OR EQUIVALENT AND
 SOME COMPUTER PROGRAMMING EXPERIENCE (ANY LANGUAGE)
 3047005 TR 11:00-12:30 HORNBUCKLE B
 MEETS: JAN 12-MAY 8

WORLD CLIMATES AGRON 406 3 CREDITS
 Prereq: AGRON 206/MTEOR 206
 Note: Meets international perspectives reqmt
 1427005 TR 9:30-10:50 ARRITT R
 MEETS: JAN 12-MAY 8

PRO DEVELP SR FORUM AGRON 410 1 CREDIT
 Prereq: SENIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
 1428005 A T 2:10-3:00 LAMKEY K
 MEETS: JAN 12-MAY 8

SOIL FORMATN&LANDSC AGRON 463 4 CREDITS
 Prereq: AGRON 154 OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR
 IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 1435010 1 TR 10:00-10:50 BURRAS C
 T 2:10-5:00, ARRANGED BURRAS C
 MEETS: JAN 12-MAY 8

SOIL PHYSICS AGRON 477 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 & MATH 166
 3144005 MWF 10:00-10:50 HORTON R
 MEETS: JAN 12-MAY 8

GIS FOR GEOSCIEN II AGRON 488 3 CREDITS
 Prereq: GEOL 452 OR C R P 451 OR C R P 452
 OR NREM 345 OR NREM 446 OR A E 408 OR EQUIVALENT GIS
 COURSE
 2364005 TR 2:10-4:00 HARDING C
 MEETS: JAN 12-MAY 8

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

AG INT'L TRAVL TOUR AGRON 496A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 9433800 AR W 5:10-6:00PM LOYNACHAN T
 MEETS: JAN 12-MAY 8
 Note: SEC AR TAUGHT IN ARGENTINA. TOPIC:
 AGRICULTURAL PRODUCTION, BUSINESS AND TRADE IN
 ARGINTINA. SPRING 2015 - TRAVEL MARCH 13-22
 VARIABLE CREDITS 1-2.
 Study Abroad Administrative Fee Applies

COOPERATIVE EDUCATN AGRON 498 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 1416005 ARRANGED
 MEETS: JAN 12-MAY 8

CROP GROWTH &DEVELP AGRON 501 3 CREDITS
 Prereq: AGRON 114, MATH 140, CHEM 163, BIOL 101
 6438600 XW ARRANGED WESTGATE M
 MEETS: JAN 12-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS IN AGRON & MS IN PLANT BREEDING ONLINE DEGREE
 PROGRAM. ALL OTHER MAJORS CONTACT THE M.S. IN
 AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR
 MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

CHEM,PHYS&BIOL SOIL AGRON 502 3 CREDITS
 Prereq: AGRON 114, AGRON 154, BIOL 101, CHEM 163,
 AND MATH 140
 6442600 XW ARRANGED DOBILL D
 MEETS: JAN 12-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS
 CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT
 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

CLIMATE &CROP GRWTH AGRON 503 3 CREDITS
 Prereq: AGRON 114 AND MATH 140
 Note: CREDIT FOR EITHER AGRON 503 OR AGRON 541, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 6453600 XW ARRANGED ANDERSON C
 MEETS: JAN 12-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS
 CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT
 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

GLOBAL CHANGE AGRON 504 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES
 OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING
 8143005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 12-MAY 8

ENVIRONM BIOPHYSICS AGRON 505 3 CREDITS
 Prereq: MATH 165 OR MATH 182 OR EQUIVALENT AND
 SOME COMPUTER PROGRAMMING EXPERIENCE (ANY LANGUAGE)
 1442005 TR 11:00-12:30 HORNBUCKLE B
 MEETS: JAN 12-MAY 8

CROP IMPROVEMENT AGRON 511 3 CREDITS
 Prereq: AGRON 114, MATH 140, CHEM 163,
 BIOL 101/BIOL 109
 6455600 XW ARRANGED LEE D
 MEETS: JAN 12-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS
 CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT
 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

SOIL-PLANT ENVIRONM AGRON 512 3 CREDITS
 Prereq: AGRON 502, AGRON 501 RECOMMENDED.
 6481600 XW ARRANGED LOYNACHAN T
 MEETS: JAN 12-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS
 CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT
 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

QUANTITATIVE METHDS AGRON 513 3 CREDITS
 Prereq: AGRON 114, MATH 140, STAT 104
 6456600 XW ARRANGED HARBUR M
 MEETS: JAN 12-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS IN AGRON & MS IN PLANT BREEDING ONLINE DEGREE
 PROGRAMS. ALL OTHER MAJORS CONTACT THE M.S. IN AGRON
 PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

PLANT BREEDG METHDS AGRON 520 3 CREDITS
 Prereq: AGRON 527 OR AGRON 506
 9131005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 9131600 XW ARRANGED FEHR W
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

MOLECLR PLANT BREED AGRON 523 3 CREDITS
 Prereq: AGRON 421 OR AGRON 521, GDCB 542A
 9206005 TR 8:00-9:20 LUBBERSTEDT T
 MEETS: JAN 12-MAY 8
 9206600 XW ARRANGED LUBBERSTEDT T
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

FIELD PLOT TECHNIQS AGRON 526 3 CREDITS
 Prereq: STAT 401
 1450005 TR 9:30-10:50 MOORE K
 R 2:10-4:00 MOORE K
 MEETS: JAN 12-MAY 8

PLANT GENETICS AGRON 527 3 CREDITS
 Prereq: GEN 410
 2358005 MWF 10:00-10:50 BHATTACHARYYA M
 MEETS: JAN 12-MAY 8

QNTV GENET PLT BRDG AGRON 528X 3 CREDITS
 Prereq: AGRON 506 AND AGRON 513
 9766600 XW ARRANGED BEAVIS W
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

STRAT DIVERSFD FARM AGRON 546 3 CREDITS
 Prereq: SUSAG 509
 7440005 1 ARRANGED
 MEETS: JAN 12-MAY 8

SOIL-PLANT RELATION AGRON 553 3 CREDITS
 Prereq: AGRON 354
 1459005 TR 12:40-1:55 THOMPSON M
 MEETS: JAN 12-MAY 8

ENVIR SOIL MINERLGY AGRON 555 3 CREDITS
 Prereq: AGRON 473, CHEM 178. RECOMMEND: GEOL 311.
 2257005 MWF 9:00-9:50 LAIRD D
 MEETS: JAN 12-MAY 8

SOIL FORMATN&LANDSC AGRON 563 4 CREDITS
 Prereq: AGRON 154 OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 563 OR
 IA LL/AGRON/ENSCI 563I BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 3237010 1 TR 10:00-10:50 BURRAS C
 T 2:10-5:00 BURRAS C
 ARRANGED
 MEETS: JAN 12-MAY 8

SOIL PHYSICS AGRON 577 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 AND MATH 166
 1464005 MWF 10:00-10:50 HORTON R
 MEETS: JAN 12-MAY 8

LAB MTHD SOIL PHYSC AGRON 578 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN AGRON 477
 OR AGRON 577
 1465005 M 1:10-4:00 HORTON R
 MEETS: JAN 12-MAY 8

GIS FOR GEOSCIEN II AGRON 588 3 CREDITS
 Prereq: GEOL 452 OR C R P 451 OR C R P 452
 OR NREM 345 OR NREM 446 OR A E 408 OR EQUIVALENT GIS
 COURSE
 2497005 TR 2:10-4:00 HARDING C
 MEETS: JAN 12-MAY 8

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

AGRONOMIC SYS ANALY AGRON 591 3 CREDITS
 Prereq: AGRON 511, AGRON 513, AGRON 531,
 AGRON 532, AGRON 533
 2042600 XW ARRANGED WIEDENHOEFT M
 MEETS: JAN 12-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS
 CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT
 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

CURRNT ISSUES AGRON AGRON 592 3 CREDITS
 Prereq: AGRON 501, AGRON 503, AGRON 511,
 AGRON 512, AGRON 513, AGRON 514
 2044600 XW ARRANGED MERRICK L
 MEETS: JAN 12-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS
 CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT
 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

SEED QUAL, PRODU MGT AGRON 595 3 CREDITS
 Prereq: ADMISSION TO SEED TECHNOLOGY AND BUSINESS
 MASTER'S DEGREE PROGRAM OR APPROVAL OF THE INSTRUCTOR
 3195600 XW ARRANGED SHANTHARAM S
 MEETS: JAN 12-MAY 8
 Note: ADMISSION TO THE GRADUATE PROGRAM IN SEED
 TECHNOLOGY AND BUSINESS OR APPROVAL OF THE INSTRUCTOR
 EMAIL FOR APPROVAL AT SEEDGRAD@IASTATE.EDU.
 Department permission required.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

CR COMP AG METEOROL AGRON 599A VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1472005 ARRANGED
 MEETS: JAN 12-MAY 8

CR COMP CROP PRD&PH AGRON 599B VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1473005 ARRANGED
 MEETS: JAN 12-MAY 8

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1474005 ARRANGED
 MEETS: JAN 12-MAY 8
 1474010 2 ARRANGED
 MEETS: JAN 12-MAY 8

CRTV COMP SOIL CHEM AGRON 599D VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1475005 ARRANGED
 MEETS: JAN 12-MAY 8

CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1476005 ARRANGED
 MEETS: JAN 12-MAY 8

CRTV COMPN SOIL MGT AGRON 599F VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1477005 ARRANGED CRUSE R
 MEETS: JAN 12-MAY 8

CR COMP SOIL MICROB AGRON 599G VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1478005 ARRANGED
 MEETS: JAN 12-MAY 8

CR COMP SOIL MORPHO AGRON 599H VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1479005 ARRANGED
 MEETS: JAN 12-MAY 8

CR COMP SOIL PHYSCS AGRON 599I VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1480005 ARRANGED
 MEETS: JAN 12-MAY 8

CRTV COMP SEED SCI AGRON 599K VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1639005 ARRANGED
 MEETS: JAN 12-MAY 8

CRTV COMP WEED SCI AGRON 599L VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1649005 ARRANGED
 MEETS: JAN 12-MAY 8

CREATV COMPON AGRON AGRON 599M VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 Satisfactory-Fail Only.
 6508600 XA ARRANGED
 MEETS: JAN 12-MAY 8
 Note: INSTRUCTOR PERMISSION REQUIRED. RESTRICTED TO
 GRADUATE STUDENTS ENROLLED IN THE MS IN AGRON ONLINE
 DEGREE PROGRAM. CONTACT THE M.S. IN AGRONOMY PROGRAM
 OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 SEC XA OFFERED FOR 1-3 CREDITS SPRING 2015.
 Instructor permission required.
 Section XA is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

6508605 XB ARRANGED LOYNACHAN T
 MEETS: JAN 12-MAY 8
 Note: INSTRUCTOR PERMISSION REQUIRED. RESTRICTED TO
 GRADUATE STUDENTS ENROLLED IN THE MS IN AGRON ONLINE
 DEGREE PROGRAM. CONTACT THE M.S. IN AGRONOMY PROGRAM
 OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.

AGRONOMY

(CONTINUED)

CREATV COMPON AGRON AGRON 599M VAR. CREDITS
 SEC XB OFFERED FOR 1 CREDIT SPRING 2015.
 Instructor permission required.
 Section XB is off campus
 Course delivery is WWW

PLANT BREEDING SEM AGRON 600A 1 CREDIT
 Satisfactory-Fail Only.
 1481005 T 4:10-5:00 BARB J
 MEETS: JAN 12-MAY 8

SOILS SEMINAR AGRON 600B 1 CREDIT
 1482005 W 4:10-5:00 CASTELLANO M
 MEETS: JAN 12-MAY 8

AGRONMC SCI PRESNTN AGRON 601 2 CREDITS
 Prereq: GRADUATE STATUS IN AGRONOMIC SCIENCE,
 PERMISSION OF INSTRUCTOR
 9551005 TR 12:40-2:00 HORTON R
 MEETS: JAN 12-MAY 8

AG METEOROLOGY CONF AGRON 609 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1484005 ARRANGED
 MEETS: JAN 12-MAY 8

RESEARCH SEMINAR AGRON 696 1 CREDIT
 Satisfactory-Fail Only.
 8829005 W 4:10-5:30
 MEETS: JAN 12-MAY 8

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

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

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

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

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

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

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

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

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

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

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

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

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

AIR FORCE AEROSPACE STUDIES

INTRO LEADER LAB II AFAS 102 1 CREDIT
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 8730005 T 6:30-7:50
 MEETS: JAN 12-MAY 8
 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

FOUND U S AIR FORCE AFAS 142 1 CREDIT
 1261005 A T 8:00-8:50
 MEETS: JAN 12-MAY 8
 1261010 B W 1:10-2:00
 MEETS: JAN 12-MAY 8
 1261015 C W 8:00-8:50
 MEETS: JAN 12-MAY 8

AIR FORCE AEROSPACE STUDIES

(CONTINUED)

AIR FRC PHYS TRAINI AFAS 151 1 CREDIT
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Note: TIMES LISTED ARE MORNING/A.M. MUST ATTEND 2
 2 SESSIONS PER WEEK.
 Satisfactory-Fail Only.
 7736005 MWRF 6:30-7:30
 MEETS: JAN 12-MAY 8
 Note: TIMES LISTED ARE MORNING/A.M.

BASIC LDRSHP LAB II AFAS 202 1 CREDIT
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 8732005 T 6:30-7:50
 MEETS: JAN 12-MAY 8
 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

EVOL USAF AIR POWER AFAS 242 1 CREDIT
 1263005 A W 9:00-9:50
 MEETS: JAN 12-MAY 8
 1263010 B R 8:00-8:50
 MEETS: JAN 12-MAY 8

INTMD LDRSHP LAB II AFAS 302 1 CREDIT
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 8734005 T 6:30-7:50
 MEETS: JAN 12-MAY 8
 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

AIR F LDRSHP STU II AFAS 342 3 CREDITS
 Prereq: AFAS 341
 1265005 A TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 1265010 B TR 2:10-3:30
 MEETS: JAN 12-MAY 8

ADV LEADRSHLP LAB II AFAS 402 1 CREDIT
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 8736005 T 6:30-7:50
 MEETS: JAN 12-MAY 8
 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

NATIONAL SECURITY AFAS 442 3 CREDITS
 Note: Meets international perspectives reqmt
 1267005 A TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 1267010 B TR 4:10-5:30
 MEETS: JAN 12-MAY 8

AMERICAN INDIAN STUDIES

INTR AM INDIAN STDI AM IN 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 1506005 A MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 1506010 B MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 1506015 C MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 1506020 D TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 1506025 E MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 1506030 F TR 2:10-3:30
 MEETS: JAN 12-MAY 8

INTRO AM INDIAN LIT AM IN 240 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 OR ENGL 104
 Note: Meets U.S. diversity reqmt
 5612005 A TR 12:40-2:00
 MEETS: JAN 12-MAY 8

TOPICS AMERI INDIAN AM IN 310 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9438005 A TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 9438010 B TR 2:10-3:25
 MEETS: JAN 12-MAY 8

PEOPL&CUL NATV N AM AM IN 322 3 CREDITS
 Prereq: ANTHR 201 OR AM IN 210
 Note: Meets U.S. diversity reqmt
 1508005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8 ARNDT G

AMERICAN INDIAN STUDIES (CONTINUED)

CUR ISSU NATIV N AM AM IN 332 3 CREDITS
 Prereq: ANTHR 201 OR 306; AM IN 210 OR ANTHR 322 RECOMMENDED
 Note: Meets U.S. diversity reqmt
 6348005 1 MWF 2:10-3:00 HILL C
 MEETS: JAN 12-MAY 8

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

AMERICAN SIGN LANGUAGE

AMER SIGN LANGUA II ASL 106 4 CREDITS
 Prereq: ASL 105/WLC 105X
 Note: Meets U.S. diversity reqmt
 9367005 1 MTWR 3:10-4:00
 MEETS: JAN 12-MAY 8
 9367010 2 MTWR 11:00-11:50
 MEETS: JAN 12-MAY 8

INTM AM SIGN LNG II ASL 206 4 CREDITS
 Prereq: WLC 205X/ASL 205
 9374005 1 MTWR 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$25.00

TOPICS DEAF CULTURE ASL 275 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9396005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$25.00

ANIMAL ECOLOGY

FISH BIOLOGY A ECL 321 3 CREDITS
 Prereq: A ECL 365
 1064010 MW 9:00-9:50 ROE K
 M 3:10-6:00PM ROE K
 MEETS: JAN 12-MAY 8

NAT HIST IOWA VERTE A ECL 366 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
 2722005 1 MW 10:00-10:50 STEWART T
 T 9:00-11:50 STEWART T
 MEETS: JAN 12-MAY 8
 2722010 2 MW 10:00-10:50 STEWART T
 R 9:00-11:50 STEWART T
 MEETS: JAN 12-MAY 8
 2722015 3 MW 10:00-10:50 STEWART T
 F 10:00-12:50 STEWART T
 MEETS: JAN 12-MAY 8

ECOLOGICAL METHODS A ECL 371 3 CREDITS
 Prereq: A ECL 312; STAT 101 OR STAT 104
 1073005 1 MW 12:10-1:00
 T 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 Note: Materials fee \$40.00
 1073010 2 MW 12:10-1:00
 R 11:00-2:00
 MEETS: JAN 12-MAY 8
 Note: Materials fee \$40.00

INTR AQUAT ANIM MED A ECL 401 1 CREDIT
 6184005 1 T 7:10-9:00PM
 MEETS: MARCH 9-MAY 8

AQUATIC INSECTS A ECL 425 3 CREDITS
 Prereq: BIOL 312 OR EQUIVALENT
 6360005 MW 1:10-2:00 COURTNEY G
 F 1:10-4:00 COURTNEY G
 MEETS: JAN 12-MAY 8
 Note: Materials, field trips &/or travel fee \$40.00

PRIN WILDLIF DISEAS A ECL 454 3 CREDITS
 Prereq: JUNIOR STANDING AND AT LEAST 10 CREDITS
 IN BIOLOGICAL SCIENCES AT THE 300+ LEVEL
 8930005 1 MWF 11:00-11:50 BLANCHONG J
 MEETS: JAN 12-MAY 8

ORNITHOLOGY A ECL 458 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2766005 1 MW 10:00-10:50 DINSMORE S
 MEETS: JAN 12-MAY 8

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 DINSMORE S
 MEETS: JAN 12-MAY 8
 9657010 2 W 7:00-9:50 DINSMORE S
 MEETS: JAN 12-MAY 8

ANIMAL ECOLOGY (CONTINUED)

MAMMALOLOGY A ECL 459 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2768005 1 MW 2:10-3:00 RENTZ M
 MEETS: JAN 12-MAY 8

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 EYHERALDE P
 MEETS: JAN 12-MAY 8
 9659010 2 W 9:00-11:50 EYHERALDE P
 MEETS: JAN 12-MAY 8
 9659015 3 R 9:00-11:50 EYHERALDE P
 MEETS: JAN 12-MAY 8

FISHERIES SCIENCE A ECL 520 3 CREDITS
 Prereq: A ECL 312, A ECL 321
 Note: COURSE RESTRICTED TO JR & ABOVE
 1092005 TR 1:10-2:30 PIERCE C
 MEETS: JAN 12-MAY 8

AQUATIC INSECTS A ECL 525 3 CREDITS
 Prereq: BIOL 312 OR EQUIVALENT
 6381005 MW 1:10-2:00 COURTNEY G
 F 1:10-4:00 COURTNEY G
 MEETS: JAN 12-MAY 8
 Note: Materials, field trips &/or travel fee \$40.00

CONSERVATION BIOLOGY A ECL 531 3 CREDITS
 Prereq: A ECL 312; BIOL 313 OR GRADUATE STANDING
 1280005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

PRIN WILDLIF DISEAS A ECL 554 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 8934005 1 MWF 11:00-11:50 BLANCHONG J
 MEETS: JAN 12-MAY 8

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

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

ORIENTATION IN AN S AN S 110 1 CREDIT
 1518005 1 T 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 12-MAY 8

SURVEY ANIMAL INDUS AN S 114 2 CREDITS
 1519005 1 MW 8:00-8:50
 MEETS: JAN 12-MAY 8

LVSTCK HANDL,SAFE,W AN S 190X 2 CREDITS
 Prereq: AN S 101
 2885005 1 S 5:10-7:00PM
 MTWR 8:00-5:30
 F 8:00-1:30
 MEETS: JAN 4-9
 2885010 2 M 2:10-5:00
 F 12:10-2:00
 MEETS: MARCH 9-MAY 8

BEEF EVENT MKTG&MGT 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 12-MAY 8

ANIMAL SCIENCE (CONTINUED)

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 12-MAY 8

1621010 2 W 3:10-5:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

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 12-MAY 8

DOM AN ANAT&PHY LAB AN S 214L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN AN S 214

1545005 1 T 8:00-9:50
 MEETS: JAN 12-MAY 8

1545010 2 T 10:00-11:50
 MEETS: JAN 12-MAY 8

1545015 3 T 12:10-2:00
 MEETS: JAN 12-MAY 8

1545020 4 R 2:10-4:00
 MEETS: JAN 12-MAY 8

1545025 5 R 12:10-2:00
 MEETS: JAN 12-MAY 8

EQUINE SCIENCE AN S 216 3 CREDITS
 Prereq: 101 OR 114; ONE COURSE IN BIOLOGY

4825005 1 TR 9:00-9:50
 M 10:00-11:50
 MEETS: JAN 12-MAY 8

4825010 2 TR 9:00-9:50
 M 12:10-2:00
 MEETS: JAN 12-MAY 8

4825015 3 TR 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 12-MAY 8

EQUINE FARM PRACTCM AN S 217 2 CREDITS
 Prereq: AN S MAJOR, RIDING EXPERIENCE AN S,
 CREDIT OR ENROLLMENT IN AN S 216

1690005 1 T 9:00-9:50, ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

8087010 2 MW 2:10-3:00
 R 12:10-2:00
 MEETS: JAN 12-MAY 8

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

8087020 4 MW 2:10-3:00
 R 2:10-4:00
 MEETS: JAN 12-MAY 8

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

1725005 1A MF 10:00-10:50
 W 8:00-9:50
 MEETS: JAN 12-MAY 8

1725010 1B MF 10:00-10:50
 W 8:00-9:50
 MEETS: JAN 12-MAY 8

1725015 2A MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 12-MAY 8

1725020 2B MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 12-MAY 8

1725025 3A MF 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 12-MAY 8

1725030 3B MF 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 12-MAY 8

1725035 4A MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 12-MAY 8

1725040 4B MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 12-MAY 8

ANIMAL SCIENCE (CONTINUED)

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 12-MAY 8

1726010 1B MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 12-MAY 8

1726015 2A MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 12-MAY 8

1726020 2B MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 12-MAY 8

1726025 3A MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 12-MAY 8

1726030 3B MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 12-MAY 8

1726035 4A MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 12-MAY 8

1726040 4B MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 12-MAY 8

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

1727005 1 MW 11:10-11:50
 M 2:10-4:00
 MEETS: JAN 12-MAY 8

1727010 2 MW 11:00-11:50
 T 12:10-2:00
 MEETS: JAN 12-MAY 8

1727015 3 MW 11:00-11:50
 T 2:10-5:00
 MEETS: JAN 12-MAY 8

INTRO CONTRVRSI SCI AN S 260X 3 CREDITS
 9723005 TR 9:30-10:45
 MEETS: JAN 12-MAY 8
 BLODGETT S

FOODS ANIMAL ORIGIN AN S 270 2 CREDITS
 Prereq: BIOL 212, CHEM 163 OR CHEM 177

1524005 1 TR 8:00-8:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

7169010 2 W 12:10-2:00
 MEETS: JAN 12-MAY 8

7169015 3 W 8:00-9:50
 MEETS: JAN 12-MAY 8

BASIC SWINE SCIENCE AN S 280X 2 CREDITS
 Prereq: AN S 101, AN S 114

9409600 XF ARRANGED BAAS T
 MEETS: JAN 21-MAY 6
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Meets U.S. diversity reqmt
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

ANIMAL NUTRITION AN S 319 3 CREDITS
 Prereq: 214, COURSE IN ORGANIC CHEM OR BIOCHEM

1529005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

ANIML FEEDS&FEEDING AN S 320 3 CREDITS
 Prereq: 319

1635005 1 MW 8:00-8:50
 W 2:10-4:00
 MEETS: JAN 12-MAY 8

1635010 2 MW 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 12-MAY 8

1635015 3 MW 8:00-8:50
 F 10:00-11:50
 MEETS: JAN 12-MAY 8

DOMSTC ANIM REPRODU AN S 331 3 CREDITS
 Prereq: COURSE IN PHYSIOLOGY

1531005 1 TR 8:00-9:20
 MEETS: JAN 12-MAY 8

ANIM REPROD LAB MTH AN S 332 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 331

1532005 1 W 2:10-5:00
 MEETS: JAN 12-MAY 8

Note: SEC 1 LIVESTOCK

1532010 2 MW 7:30-9:00
 MEETS: JAN 12-MAY 8
 Note: SEC 2 HORSES

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

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 12-MAY 8

LACTATION AN S 337 3 CREDITS
 Prereq: 214
 1711005 1 TR 11:00-12:15
 MEETS: JAN 12-MAY 8

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 12-MAY 8

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 12-MAY 8
 1534015 2 MW 9:00-9:50
 T 10:00-11:50
 MEETS: JAN 12-MAY 8
 1534020 3 MW 9:00-9:50
 T 12:10-2:00
 MEETS: JAN 12-MAY 8

TP ADV SWINE BREEDI AN S 380A 1 CREDIT
 Prereq: AN S 225, OR AN S 280X AND AN S 280L
 7339600 XG ARRANGED
 MEETS: JAN 20-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

TP SWINE INDUS ISSU AN S 380B 1 CREDIT
 Prereq: AN S 225, OR AN S 280X AND AN S 280L
 7350600 XG ARRANGED STERLE J
 MEETS: JAN 21-MAY 6
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

TP ADV EMPLOYEE MGT AN S 380C 1 CREDIT
 Prereq: AN S 225, OR AN S 280X AND AN S 280L
 7354600 XG ARRANGED ANDERSEN D
 MEETS: JAN 21-MAY 6
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

TP ADV SWIN FRW MGT AN S 380D 1 CREDIT
 Prereq: AN S 225, OR AN S 280X AND AN S 280L
 7361600 XG ARRANGED
 MEETS: JAN 20-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

TP ADV SWINE MARKTG AN S 380F 1 CREDIT
 Prereq: AN S 225, OR AN S 280X AND AN S 280L
 7380600 XG ARRANGED
 MEETS: JAN 20-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

TP ADV SWIN NRS MGT AN S 380G 1 CREDIT
 Prereq: AN S 225, OR AN S 280X AND AN S 280L
 7410600 XG ARRANGED
 MEETS: JAN 20-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

TP ADV PORK QUAL&SF AN S 380J 1 CREDIT
 Prereq: AN S 225, OR AN S 280X AND AN S 280L
 7429600 XG ARRANGED
 MEETS: JAN 20-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

SWINE MANUR&NTR MGT AN S 383X 1 CREDIT
 9774600 XG ARRANGED ANDERSEN D
 MEETS: JAN 21-MAY 6
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

SWINE HLTH&BIOSECUR AN S 384X 1 CREDIT
 Prereq: AN S 225, OR AN S 280X AND 280L.
 A COURSE IN MICROBIOLOGY IS RECOMMENDED.
 9689600 XG ARRANGED KARRIKER L
 MEETS: JAN 21-MAY 6
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR
 1538005 1 ARRANGED
 MEETS: JAN 12-MAY 8

SUPERV'D INTERNSHIP AN S 399B R CREDIT
 Prereq: PERMISSION OF INTERNSHIP COORDINATOR
 2258005 1 ARRANGED
 MEETS: JAN 12-MAY 8

ISSUES ANIMAL SCIEN AN S 411 1 CREDIT
 Prereq: SENIOR CLASSIFICATION IN AN S
 1713005 1 T 4:10-6:00PM
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 8779010 2 TR 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 12-MAY 8

COMPAN ANIM SYS MGT AN S 424 3 CREDITS
 Prereq: 224, 319, 320, 331, 352
 1803005 1 MW 11:00-11:50
 R 2:10-4:00
 MEETS: JAN 12-MAY 8

BF CATTLE SYSTS MGT AN S 426 3 CREDITS
 Prereq: AN S 226, AN S 270, AN S 319, AN S 320,
 AN S 331, AN S 352. ECON 230 OR EQUIVALENT IS
 RECOMMENDED.
 1550010 1 MW 8:00-8:50
 M 10:00-11:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

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 12-MAY 8

INT'L ANIMAL AGRICU AN S 441X 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 TR 11:00-12:15
 MEETS: JAN 12-MAY 8

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

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

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 12-MAY 8

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 12-MAY 8

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 12-MAY 8

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 MR 3:10-5:00
 MEETS: JAN 12-MAY 8

JUDGING HORSES AN S 475E 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION
 4470005 1 ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

BEEF INDU LDR FELLW AN S 480A 1 CREDIT
 Prereq: 226, INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 8710005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

PORK INDU LDR FELLW AN S 480C 1 CREDIT
 Prereq: 225, INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 4509005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

ISSUES FOOD SAFETY AN S 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS
 HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
 8348005 MW 2:10-3:00 MENDONCA A
 MEETS: JAN 12-MARCH 6

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

AG TRAVEL CRSE PREP AN S 495 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1539015 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SECTION 1 IS FOR TRAVEL IN THE WESTERN U.S-
 INCLUDING KS, CO, WY, ID, MT AND NE.
 Instructor permission required.
 1539020 2 R 5:10-7:00PM
 MEETS: JAN 12-MAY 8
 Note: SECTION 2 IS FOR TRAVEL IN THE FRANCE &
 ITALY.
 Instructor permission required.
 1539025 3 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SECTION 3 IS FOR TRAVEL IN THE UKRAINE
 Instructor permission required.
 1539030 4 ARRANGED
 MEETS: JAN 12-MAY 8
 1539035 5 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: PRE-TRAVEL FOR US WESTERN STATES
 TRAVEL IN SUMMER 2015
 Instructor permission required.

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

 SEE DEPT FOR REFERENCE NUMBERS

DIGESTV PHYSL RUMIN AN S 520 3 CREDITS
 Prereq: 419 OR NUTRS 501
 1573005 1 TR 3:10-4:00
 R 8:00-9:50
 MEETS: JAN 12-MAY 8

PERINATOLOGY AN S 536 2 CREDITS
 Prereq: ONE COURSE IN PHYSIOLOGY; ONE COURSE IN
 BIOCHEMISTRY
 1782005 1 MW 11:00-11:50
 MEETS: JAN 12-MAY 8

TOPC FARM AN RIGHTS AN S 537A 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; M.S. OR PH.D.
 STUDENT
 1793600 XW ARRANGED BUTTERS-JOHNSON
 MEETS: JAN 26-APRIL 30
 Note: CONTACT ANNA JOHNSON FOR PERMISSION TO REGISTER
 AT 515-294-2098/JOHNSONA@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Cmpttr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

TOPICS GENOME ANALY AN S 556 3 CREDITS
 Prereq: BBMB 405 OR GDCC 510
 2050005 WF 10:00-11:20
 MEETS: JAN 12-MAY 8

PROCESSED MEATS AN S 560 3 CREDITS
 Prereq: 270
 1730005 1 MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 12-MAY 8
 1730010 2 MW 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 12-MAY 8
 1730600 XW ARRANGED SEBRANEK J
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmpttr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

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 12-MAY 8

ANIMAL SCIENCE (CONTINUED)

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
 Prereq: PERMISSION OF INSTRUCTOR
 ***** 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

SEM AN BREEDG&GENET AN S 658 1 CREDIT
 7083005 1 T 11:00-11:50
 MEETS: JAN 12-MAY 8

SEMINAR MEAT SCIENC AN S 684 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1604005 1 T 12:10-1:00
 MEETS: JAN 12-MAY 8

SEMINAR MUSCLE BIOL AN S 685 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1605005 1 T 12:10-1:00
 MEETS: JAN 12-MAY 8

SEMINAR ANIMAL SCI AN S 695 1 CREDIT
 Satisfactory-Fail Only.
 7289005 1 F 3:10-4:00
 MEETS: JAN 12-MAY 8

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

ANIMAL SCIENCE (CONTINUED)

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

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

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

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

ANTHROPOLOGY

INTRO CULTURL ANTHR ANTHR 201 3 CREDITS
 Note: Meets international perspectives reqmt

1615005 1 MW 10:00-10:50 LINDSHIELD S
 W 11:00-11:50 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1615010 2 MW 10:00-10:50 LINDSHIELD S
 W 12:10-1:00 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1615015 3 MW 10:00-10:50 LINDSHIELD S
 W 1:10-2:00 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1615020 4 MW 10:00-10:50 LINDSHIELD S
 W 2:10-3:00 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1615025 5 MW 10:00-10:50 LINDSHIELD S
 W 3:10-4:00 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1615030 6 MW 10:00-10:50 LINDSHIELD S
 W 4:10-5:00 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1615035 7 MW 10:00-10:50 LINDSHIELD S
 R 8:00-8:50 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1615040 8 MW 10:00-10:50 LINDSHIELD S
 R 9:00-9:50 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1615045 9 MW 10:00-10:50 LINDSHIELD S
 R 10:00-10:50 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1615600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus

1615050 10 MW 10:00-10:50 LINDSHIELD S
 R 11:00-11:50 LINDSHIELD S
 MEETS: JAN 12-MAY 8
 Course delivery is WW

1615055 11 MW 10:00-10:50 LINDSHIELD S
 R 12:10-1:00 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1615060 12 MW 10:00-10:50 LINDSHIELD S
 R 1:10-2:00 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1615065 13 MW 10:00-10:50 LINDSHIELD S
 R 2:10-3:00 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1615070 14 MW 10:00-10:50 LINDSHIELD S
 R 3:10-4:00 LINDSHIELD S
 MEETS: JAN 12-MAY 8

INTR BIOL AN&ARCHEO ANTHR 202 3 CREDITS

1616005 1 MW 1:10-2:00 LINDSHIELD S
 M 10:00-10:50 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1616010 2 MW 1:10-2:00 LINDSHIELD S
 M 11:00-11:50 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1616015 3 MW 1:10-2:00 LINDSHIELD S
 M 12:10-1:00 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1616020 4 MW 1:10-2:00 LINDSHIELD S
 M 1:10-2:00 LINDSHIELD S
 MEETS: JAN 12-MAY 8

1616025 5 MW 1:10-2:00 LINDSHIELD S
 M 2:10-3:00 LINDSHIELD S
 MEETS: JAN 12-MAY 8

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

3753005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

3753010 2 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 EXAMS WILL BE FACE TO FACE ON CAMPUS
 Course delivery is WW

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

7017005 1 TR 11:00-12:20 TESHOME Y
 MEETS: JAN 12-MAY 8

ANTHROPOLOGY (CONTINUED)

ANTHROPOLOGY (CONTINUED)

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

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

INTRO CULTUR&LANGUA ANTHR 309 3 CREDITS
 Prereq: ANTHR 201 RECOMMENDED
 Note: Meets international perspectives reqmt
 1620600 XW ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

PEOPL&CUL NATV N AM ANTHR 322 3 CREDITS
 Prereq: 201 OR AM IN 210
 Note: Meets U.S. diversity reqmt
 1626005 TR 11:00-12:20 ARNDT G
 MEETS: JAN 12-MAY 8

CUR ISSU NATIV N AM ANTHR 332 3 CREDITS
 Prereq: 201 OR 306; 322 OR AM IN 210 RECOMMENDED
 Note: Meets U.S. diversity reqmt
 1631005 1 MWF 2:10-3:00 HILL C
 MEETS: JAN 12-MAY 8

ASIAN AM MATRL CULT ANTHR 333 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9136005 TR 11:00-12:20 DUSSELIER J
 MEETS: JAN 12-MAY 8

GLOBAL DEVELOPMENT ANTHR 336 3 CREDITS
 Prereq: 201 OR 306
 Note: Meets international perspectives reqmt
 3366005 1 TR 2:10-3:30 TESHOME Y
 MEETS: JAN 12-MAY 8

TOP CULTR AN THEORY ANTHR 419A 3 CREDITS
 Prereq: ANTHR 306
 9605005 TR 3:40-5:00
 MEETS: JAN 12-MAY 8

ARC LAB METHD FAUNA ANTHR 428C 3 CREDITS
 7139005 1 TR 12:40-2:00 HILL M
 MEETS: JAN 12-MAY 8

INTERNSHIP ARCHAEOLOG ANTHR 434A 2- 6 CREDITS
 Prereq: JUNIOR OR SENIOR STANDING
 Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE
 MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434
 MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS
 FOR THE MAJOR OR FOR THE ANTHR MINOR.
 Satisfactory-Fail Only.
 7718005 1 ARRANGED
 MEETS: JAN 12-MAY 8

PRACTICUM ARCHAEOLOG ANTHR 451A 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 4780005 ARRANGED
 MEETS: JAN 12-MAY 8

PRACTICUM CULTURAL A ANTHR 451B 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 1095005 ARRANGED
 MEETS: JAN 12-MAY 8

PRACTICUM BIOLOGCL A ANTHR 451C 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 1102005 ARRANGED
 MEETS: JAN 12-MAY 8

PRACTICUM LINGUIST A ANTHR 451D 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 1167005 ARRANGED
 MEETS: JAN 12-MAY 8

BIOL ANTH:POP CONSV ANTHR 482C 3 CREDITS
 Prereq: 307
 7694005 TR 3:40-5:00
 MEETS: JAN 12-MAY 8

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

PEOPL&CUL NATV N AM ANTHR 522 3 CREDITS
 Prereq: 201 OR AM IN 210
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 8365005 TR 11:00-12:20 ARNDT G
 MEETS: JAN 12-MAY 8

ARC LAB METHD FAUNA ANTHR 528C 3 CREDITS
 7140005 TR 12:40-2:00 HILL M
 MEETS: JAN 12-MAY 8

CUR ISSU NATIV N AM ANTHR 532 3 CREDITS
 Prereq: 6 CREDITS IN ANTHR, 201 OR 306; 322 OR
 AM IN 210 RECOMMENDED
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 7532005 MWF 2:10-3:00 HILL C
 MEETS: JAN 12-MAY 8

ASIAN AM MATRL CULT ANTHR 533 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9137005 TR 11:00-12:20 DUSSELIER J
 MEETS: JAN 12-MAY 8

GLOBAL DEVELOPMENT ANTHR 536 3 CREDITS
 Prereq: 201 OR 306
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 3464005 TR 2:10-3:30 TESHOME Y
 MEETS: JAN 12-MAY 8

RSRCH&PRSENT FORENSC ANTHR 542 1 CREDIT
 5259005 ARRANGED
 MEETS: JAN 12-MAY 8

BIOL ANTH:POP CONSV ANTHR 582C 3 CREDITS
 Prereq: 307
 7723005 TR 3:40-5:00 PRUETZ J
 MEETS: JAN 12-MAY 8

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

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

APPAREL, EVENTS & HOSPITALITY MGMT

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

ORIENTATN FOR AESHM AESHM 112 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN AESHM 113
 5099005 1A M 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO EVENT, HRI AND HSP H MAJORS ONLY
 5099010 1B M 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1B RESTRICTED TO A M D, AMDP MAJORS ONLY

PROFSNL DEVELOPMENT AESHM 113 2 CREDITS
 Prereq: NEW STUDENTS: CONCURRENT ENROLLMENT IN AESHM 112
 9395005 1 R 3:40-4:30, ARRANGED
 MEETS: JAN 12-MAY 8
 9395010 2 R 3:40-4:30, ARRANGED
 MEETS: JAN 12-MAY 8

SUPV WRK EXP I:HSPY AESHM 170D 1 CREDIT
 Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 1107005 ARRANGED
 MEETS: JAN 12-MAY 8

SUPV WRK EXP I:EVNT AESHM 170F 1 CREDIT
 Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 1113005 ARRANGED
 MEETS: JAN 12-MAY 8

SPV WRK EXP I:APPAR AESHM 170N 1 CREDIT
 Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 1125005 ARRANGED
 MEETS: MARCH 9-MAY 8

FINANC APP:HSPY MGT AESHM 175D 2 CREDITS
 2237005 1A ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 1A RESTRICTED TO CS A, CS H, EVENT, HRI & HSP M MAJORS ONLY
 Course delivery is WWW
 2237010 1B ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: Course delivery is WWW

FINANCL APPS:RETAIL AESHM 175N 2 CREDITS
 7809005 1A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 1A RESTRICTED TO A M D, AMDP MAJORS ONLY
 Course delivery is WWW
 7809010 1B ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Course delivery is WWW

LDRSHP EXPRNC&DEVEL AESHM 211 3 CREDITS
 9596005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

CRTV THINK&PRB SOLV AESHM 222 3 CREDITS
 9595005 1 TR 9:30-10:45
 MEETS: JAN 12-MAY 8
 9595010 2 TR 9:30-10:45
 MEETS: JAN 12-MAY 8

SUP WRK EXP II:HSPY AESHM 270D 1- 2 CREDITS
 Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM OR HRI
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 1132005 ARRANGED
 MEETS: JAN 12-MAY 8

SUP WRK EXP II:EVNT AESHM 270F 1- 2 CREDITS
 Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM, HRI, OR A M D
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 1203005 ARRANGED
 MEETS: JAN 12-MAY 8

SUP WRK EXP II:APPA AESHM 270N 1- 2 CREDITS
 Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM OR A M D
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 1270005 ARRANGED
 MEETS: MARCH 9-MAY 8

SUP WRK EXP II: ISU AESHM 270P 1- 2 CREDITS
 Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM OR HRI
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 1282005 ARRANGED
 MEETS: JAN 12-MAY 8

FASHN SHOW PROD&PRM AESHM 272 2 CREDITS
 Prereq: APPLICATION AND INSTRUCTOR PERMISSION. APPLICATION FORM AVAILABLE FROM AESHM DEPT OFFICE.
 9593005 1A W 6:10-8:00PM
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.
 9593010 1B W 6:10-8:00PM
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

RETAIL MERCHANDISING AESHM 275 3 CREDITS
 Prereq: 3 CREDITS IN MATH
 2853005 1A TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO T C, AMD, AMDP MAJORS ONLY.
 2853010 1B TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC 1B RESTRICTED TO HRI, HSP M, EVENT MAJORS ONLY.
 2853015 1C TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

ORIEN U.S. FLD STDY AESHM 280 R CREDIT
 1286005 W 5:10-6:00PM
 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: ORIENTATION FOR FIELD TRIP TO LOS ANGELES SPRING 2015
 Instructor permission required.

ORIEN INT'L FLD STU AESHM 281 1 CREDIT
 1293005 ZA ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC ZA - PRE-TRAVEL COURSE FOR SUMMER TRAVEL TO SOUTH AFRICA

PRIN MGMT HUMAN SCI AESHM 287 3 CREDITS
 4608005 1A MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO HRI, HOSP M, EVENT MAJORS ONLY
 4608010 1B MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1B RESTRICTED TO A M D, AMDP STUDENTS ONLY
 4608015 1C MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1C FOR MAJORS OTHER THAN AMDP, HRI, HSP M, EVENT, T C.

SEM CAREERS&INTERNS AESHM 311 1 CREDIT
 Prereq: AESHM 111, SOPHOMORE CLASSIFICATION, GOOD ACADEMIC STANDING
 2920005 1 T 4:10-6:00PM
 MEETS: JAN 12-MARCH 6
 Note: SEC 1 RESTRICTED TO AMDP, T C MAJORS ONLY
 2920010 2 T 4:10-6:00PM
 MEETS: JAN 12-MARCH 6
 Note: SEC 2 RESTRICTED TO HRI, HSP M, EVENT MAJORS

HSPTY&APPARL MKRTG AESHM 340 3 CREDITS
 Prereq: ECON 101
 2921005 A TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO CS A, CS H, EVENT, HRI, HSP M MAJORS ONLY
 2921010 B TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC B RESTRICTED TO A M D, AMDP, CS A, CS H MAJORS ONLY
 2921015 C TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC C RESTRICTED TO MAJORS OTHER THAN A M D, AMDP, CS A, CS H & T C MAJORS

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

AESTHTCS CNSMR EXPC AESHM 342 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4609005 1A MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO HRI, HSP M, EVENT MAJORS.
 4609010 1B MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1B RESTRICTED TO AMD, AMDP, T C MAJORS
 4609015 1C MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1C FOR MAJORS OTHER THAN HRI, HSP M, EVENT, T C.

BRAND MGMT&PROMOTNS AESHM 377 3 CREDITS
 Prereq: A M D 245; AESHM 340 OR MKT 340
 6626005 1A MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO A M D, EVENT, HSP M MAJORS ONLY
 6626010 1B MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THEN A M D, AMDP

U.S. FIELD STUDY AESHM 380 1- 3 CREDITS
 Prereq: 9 CREDITS IN AESHM, HRI, EVENT, AND/OR A M D; SOPHOMORE CLASSIFICATION; MINIMUM 2.0 GPA. PERMISSION BY APPLICATION.
 Note: OFFERED FOR 2 CREDIT SPRING 2013
 Instructor permission required.
 6627005 1 W 5:10-6:00PM
 ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 1 NEW YORK TRIP

COOPERATIVE EDUCATN AESHM 398 R CREDIT
 Prereq: PERMISSION OF ADVISER; JR CLASSIFICATN
 1002005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO HRI, HSP M MAJORS ONLY
 Instructor permission required.
 1002010 2 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 RESTRICTED TO EVENT MAJORS ONLY
 Instructor permission required.
 1002015 3 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 3 RESTRICTED TO A M D MAJORS ONLY
 Instructor permission required.

SEM CURR ISS HSPTLY AESHM 411D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 1 CREDITS SPRING 2015
 COURSE RESTRICTED TO HRI, HSP M MAJORS ONLY
 7664005 M 2:10-3:00
 MEETS: JAN 12-MAY 8

SMNR CURR ISS:EVENT AESHM 411F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: OFFERED FOR 1 CREDIT SPRING 2015
 COURSE RESTRICTED TO HRI, HSP M MAJORS ONLY
 4206005 M 2:10-3:00
 MEETS: JAN 12-MAY 8

DEV GLOBAL LEADRSHP AESHM 421 3 CREDITS
 Note: Meets international perspectives reqmt
 4611005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

HUMAN RESOURCE MGMT AESHM 438 3 CREDITS
 Prereq: AESHM 270, AESHM 275 OR AESHM 287;
 JUNIOR CLASSIFICATION
 2923005 1A TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO HRI, HSP M, EVENT MAJORS ONLY
 2923010 1B TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1B RESTRICTED TO A M D, AMDP & T C MAJORS ONLY.

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

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

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

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

FASHION SHOW MGT AESHM 472 2- 3 CREDITS
 Prereq: AESHM 272X; PERMISSION OF INSTRUCTOR
 1872005 1 W 6:10-8:00PM
 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 1 OFFERED FOR 3 CREDITS
 Instructor permission required.
 1872010 2 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 OFFERED FOR 2 CREDITS

ENTREPRNR HUMAN SCI AESHM 474 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 4618005 1A TR 6:30-7:50PM
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS
 4618010 1B TR 6:30-7:50PM
 MEETS: JAN 12-MAY 8
 Note: SEC 1B RESTRICTED TO CS A, CS H, EVENT, HRI, HSP M MAJORS ONLY
 4618015 1C TR 6:30-7:50PM
 MEETS: JAN 12-MAY 8
 Note: SEC 1C FOR MAJORS OTHER THAN AMDP, A M D, HRI, HSP M, EVENT, T C.

MLTI-CHANNL RETAILI AESHM 477 3 CREDITS
 Prereq: 3 CREDITS IN MARKETING OR AESHM 275 OR AESHM 287
 4776005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

PRACTCM APPAR MCHDS AESHM 570A 1- 3 CREDITS
 Prereq: 6 GRAD CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION
 6660005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

PRACTCM HSPTLTY MGT AESHM 570B 1- 3 CREDITS
 Prereq: 6 GRAD CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION
 1509005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

ENTREPRNR HUMAN SCI AESHM 574 3 CREDITS
 Prereq: ONE COURSE IN MARKETING OR INSTRUCTOR PERMISSION
 4895005 TR 6:30-7:50PM
 MEETS: JAN 12-MAY 8

INT'L FIELD STUDY AESHM 581 1- 3 CREDITS
 Prereq: 9 CR IN AESHM, FCEDS, HRI, AND/OR T C; GRAD CLASSIFICATION. PERMISSION BY APPLICATION.
 8776005 ZA ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC ZA - PRE-TRAVEL COURSE FOR SUMMER TRAVEL TO SOUTH AFRICA

SEMINAR AESHM 611 1- 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN AESHM, HRI, OR A M D. PERMISSION OF INSTRUCTOR.
 Note: OFFERED FOR 1 CREDIT SPRING 2013
 1548005 ARRANGED
 MEETS: JAN 12-MAY 8

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
 7149005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.
 7149030 LR ARRANGED RAJAGOPAL L
 MEETS: JAN 12-MAY 8
 7149048 SL ARRANGED LEE S
 MEETS: JAN 12-MAY 8

APPAREL, MERCHANDISING, AND DESIGN

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

DRESS&DIVRSTY SOCIE A M D 165 3 CREDITS
 Note: Meets U.S. diversity reqmt
 6603005 1A TR 12:30-1:50
 MEETS: JAN 12-MAY 8
 6603010 1B TR 12:30-1:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN AMDP, A M D, T C.

INTR APPRL DSN STDO A M D 178 2 CREDITS
 Note: COURSE RESTRICTED TO A M D, AMDP FRESHMAN
 8923005 1 TR 1:10-3:00
 MEETS: JAN 12-MAY 8
 Note: Materials fee \$75.00
 8923010 2 TR 3:10-5:00
 MEETS: JAN 12-MAY 8
 Note: Materials fee \$75.00

TEXTILE SCIENCE A M D 204 4 CREDITS
 Prereq: 3 CR IN T C
 Note: COURSE RESTRICTED TO A M D, AMDP & T C MAJORS ONLY
 6604005 1 TR 8:00-9:20
 T 3:10-5:00
 MEETS: JAN 12-MAY 8
 6604010 2 TR 8:00-9:20
 W 9:00-10:50
 MEETS: JAN 12-MAY 8
 6604015 3 TR 8:00-9:20
 T 1:10-3:00
 MEETS: JAN 12-MAY 8
 6604020 4 TR 8:00-9:20
 F 9:00-10:50
 MEETS: JAN 12-MAY 8

CPR APP DIGTL DSIGN A M D 210 3 CREDITS
 Prereq: A M D 131, CR OR CONCURRENT ENROLLMENT IN A M D 245, AESHM 111, PERMISSION OF INSTRUCTOR
 5087005 1A T 1:10-3:00, ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO AMDP, A M D MAJORS
 5087010 1B T 1:10-3:00, ARRANGED
 MEETS: JAN 12-MAY 8
 5087015 2A R 1:10-3:00, ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2A RESTRICTED TO AMDP, A M D MAJORS.
 5087020 2B R 1:10-3:00, ARRANGED
 MEETS: JAN 12-MAY 8

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

PATTRNMAK I:DRFT&FL A M D 225 3 CREDITS
 Prereq: A M D 204, A M D 221, PERMISSION OF INSTRUCTOR
 6607005 1 MWF 8:00-9:50
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.
 6607010 2 MWF 10:00-11:50
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

PRODUCT DEVELOP&MFG A M D 231 4 CREDITS
 Prereq: A M D 204
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6608005 1 TR 9:30-10:50
 W 12:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6608010 2 TR 9:30-10:50
 W 2:10-4:00
 MEETS: JAN 12-MAY 8
 6608015 3 TR 9:30-10:50
 F 12:10-2:00
 MEETS: JAN 12-MAY 8
 6608020 4 TR 9:30-10:50
 R 2:10-4:00
 MEETS: JAN 12-MAY 8

AESTHETC&BRAND IMAG A M D 245 3 CREDITS
 Prereq: T C 131, T C 165; CREDIT OR ENROLLMENT IN T C 204
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6609005 1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO A M D, AMDP, T C MAJORS ONLY
 6609010 2 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN AMDP, A M D, T C.

FASHION ILLUSTRATN A M D 278 3 CREDITS
 Prereq: A M D 210 OR CONCURRENT, A M D 245 OR CONCURRENT, PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6611005 1 MWF 12:10-2:00
 MEETS: JAN 12-MAY 8
 6611010 2 MWF 2:10-4:00
 MEETS: JAN 12-MAY 8

BASC DSGN CNCP REVW A M D 301 1 CREDIT
 Prereq: COMPLETION OR ENROLLMENT IN T C 225, T C 278
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 4188005 1 ARRANGED
 MEETS: MARCH 9-MAY 8
 4188010 2 ARRANGED
 MEETS: JAN 12-MARCH 6

CPTR INTEGRAT DSIGN A M D 321 3 CREDITS
 Prereq: T C 210, CREDIT IN T C 278 OR CONCURRENT ENROLLMENT IN A M D 278, INSTRUCTOR PERMISSION
 Note: RESTRICTED TO A M D, AMDP AND T C MAJORS
 Instructor permission required.
 6605005 MWF 2:10-4:00
 MEETS: JAN 12-MAY 8

PATTRNMAK II:DRAPNG A M D 325 3 CREDITS
 Prereq: A M D 301; PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7199005 1 MWF 12:10-2:00
 MEETS: JAN 12-MAY 8

DESIGN SEMINAR A M D 328 VAR. CREDITS
 Prereq: VARIES BY TOPIC
 5692005 1 MWF 10:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1 OFFERED FOR 3 CREDIT SPRING 2014
 Instructor permission required.
 5692010 2 MWF 12:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 2 OFFERED FOR 3 CREDITS SPRING 2014
 Instructor permission required.

DIGTL TXTLE PRINTNG A M D 329X 3 CREDITS
 Prereq: A M D 321, CREDIT OR ENROLLMENT IN A M D 325
 3589005 1 MWF 8:00-9:50
 MEETS: JAN 12-MAY 8

HIST 20TH C FASHION A M D 356 3 CREDITS
 Prereq: 3 CREDITS IN HIST OR ART H. RECOMMEND A M D 204
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 4473005 1A TR 12:30-1:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO A M D, AMDP MAJORS ONLY
 4473010 1B TR 12:30-1:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN AMD, AMDP.

CULTUR PERSPC DRESS A M D 362 3 CREDITS
 Prereq: T C 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC
 Note: Meets international perspectives reqmt
 6622005 1A MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO A M D, AMDP, T C MAJORS ONLY
 6622010 1B MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN AMDP, A M D, T C.

SOURCNG&GLOBAL ISSU A M D 372 3 CREDITS
 Prereq: T C 231, AESHM 275. RECOMMEND ECON 101 OR ECON 102
 Note: COURSE RESTRICTED TO A M D, AMDP, T C MAJORS ONLY.
 Meets international perspectives reqmt
 8133005 1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO A M D, AMDP, T C MAJORS ONLY

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

MERCH PLAN& CONTROL A M D 376 4 CREDITS
 Prereq: AESHM 275; 3 CREDITS FROM ACCT 284,
 MATH 104, MATH 105, MATH 150 OR EQUIVALENT
 6625005 1 TR 10:00-10:50
 R 2:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO A M D, AMDP, T C MAJORS ONLY
 6625010 2 TR 10:00-10:50
 F 2:10-4:00
 MEETS: JAN 12-MAY 8

TXITILE COLOR THEORY A M D 404 3 CREDITS
 Prereq: A M D 204, A M D 245; ONE NATURAL SCIENCE
 COURSE (PHYSICS OR CHEMISTRY RECOMMENDED)
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6613005 TR 11:00-12:50
 MEETS: JAN 12-MAY 8

CREATV DSIGN PROCES A M D 426 3 CREDITS
 Prereq: A M D 301, A M D 321
 6619005 1 MWF 10:00-11:50
 MEETS: JAN 12-MAY 8
 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 371. A M D 221 IS RECOMMENDED.
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6618005 1 TR 1:10-3:30
 MEETS: JAN 12-MAY 8

RETAIL INFO ANALYSI A M D 475 3 CREDITS
 Prereq: A M D 376
 Note: COURSE RESTRICTED TO A M D, AMDP, T C
 MAJORS ONLY.
 4159005 1 TR 12:10-1:00
 T 2:10-4:00
 MEETS: JAN 12-MAY 8

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

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

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

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

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

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

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

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

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

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

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

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

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

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

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

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

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

FASHN FORCAST&PRODC A M D 496 3 CREDITS
 Prereq: T C 231, T C 245, AESHM 275
 Note: COURSE RESTRICTED TO A M D, AMDP, T C MAJORS ONLY
 4507005 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

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

DIGITL TXTL&AP DSGN A M D 521 3 CREDITS
 Prereq: EXPERIENCE WITH FLAT PATTERN OR
 DRAPING TECHNIQUES & IMAGE MANIPULATION SOFTWARE,
 PERMISSION OF INSTRUCTOR
 4170005 1 MW 10:00-11:20
 MEETS: JAN 12-MAY 8

DESIGN SEMINAR A M D 528 1- 3 CREDITS
 Prereq: VARIES WITH TOPIC
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2015
 5768005 1 TR 9:00-11:50
 MEETS: JAN 12-MAY 8
 5768010 2 MWF 12:10-2:00
 MEETS: JAN 12-MAY 8

GLOBAL ISSU TXTL&AP A M D 572 3 CREDITS
 Prereq: A COURSE IN MERCHANDISING OR MARKETING
 Note: Meets international perspectives reqmt
 3435005 1 MW 10:00-11:20
 MEETS: JAN 12-MAY 8

INDUS APP MCHDS&MGT A M D 576 3 CREDITS
 Prereq: A M D 376 OR EQUIVALENT, AESHM 275,
 PERMISSION OF INSTRUCTOR
 4253005 1 TR 2:10-3:50
 MEETS: JAN 12-MAY 8

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

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

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

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

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

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

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

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

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

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

SPL TOP PRODUCN MGT A M D 590N VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

SR DESIGN STUDIO A M D 595 3 CREDITS
 Prereq: A M D 325, A M D 526, PERMISSION OF INSTRUCTOR
 9107005 1 TR 8:00-10:50
 MEETS: JAN 12-MAY 8

CREATIVE COMPONENT A M D 599 VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN A M D
 5567012 CX ARRANGED
 MEETS: JAN 12-MAY 8

5567021 JH ARRANGED
 MEETS: JAN 12-MAY 8

5567026 LN ARRANGED
 MEETS: JAN 12-MAY 8

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 ALAMEEN G
 MEETS: JAN 12-MAY 8

INTERMED ARABIC II ARABC 202X 4 CREDITS
 Prereq: ARABC 201
 Note: Meets international perspectives reqmt
 9550005 MTWR 12:10-1:00 ALAMEEN G
 MEETS: JAN 12-MAY 8

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 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50
 MEETS: JAN 12-MAY 8

ARCHITECTURE (CONTINUED)

ARCHITECT DESIGN II ARCH 202H 6- 7 CREDITS
 Prereq: ARCH 201, MATH 142/MATH 145X AND PHYS 111
 8152005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50, ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

HIST ARCHITECTUR II ARCH 222 3 CREDITS
 Note: Meets international perspectives reqmt
 7737005 1 MWF 10:00-10:50 ZARECOR K
 MEETS: JAN 12-MAY 8

HUM BEHAV&ENVIR THY ARCH 271 3 CREDITS
 Prereq: COMPLETION OF THE PRE-PROFESSIONAL PROGRAM AND ADMISSION INTO THE PROFESSIONAL PROGRAM IN ARCHITECTURE
 1679005 TR 11:00-12:20 PAXSON L
 MEETS: JAN 12-MAY 8

ARCHITECT DESIGN IV ARCH 302 6 CREDITS
 Prereq: ARCH 301 AND MINIMUM 2.0 GPA IN PREVIOUS STUDIO COURSES
 1682005 1 F 4:10-5:20 SPILLER J
 MW 1:10-5:20 SPILLER J
 F 1:10-3:50 SPILLER J
 MEETS: JAN 12-MAY 8

1682010 2 F 4:10-5:20 SPILLER J
 MW 1:10-5:20 NAEGELE D
 F 1:10-3:50 NAEGELE D
 MEETS: JAN 12-MAY 8

1682015 3 F 4:10-5:20 SPILLER J
 MW 1:10-5:20 SANTOYO-OROZCO I
 F 1:10-3:50 SANTOYO-OROZCO I
 MEETS: JAN 12-MAY 8

1682020 4 F 4:10-5:20 SPILLER J
 MW 1:10-5:20 HICKMAN T
 F 1:10-3:50 HICKMAN T
 MEETS: JAN 12-MAY 8

1682025 5 F 4:10-5:20 SPILLER J
 MW 1:10-5:20 JI J
 F 1:10-3:50 JI J
 MEETS: JAN 12-MAY 8

ARCHITECT DESIGN IV ARCH 302H 6- 7 CREDITS
 Prereq: ARCH 301 AND MINIMUM 2.0 GPA IN PREVIOUS STUDIO COURSES
 8206005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50, ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

PRACTICAL EXPERIENC ARCH 310 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 2544005 1 ARRANGED
 MEETS: JAN 12-MAY 8

COMPUTER APPLICATNS ARCH 334 3 CREDITS
 1685005 TR 12:40-2:00 CHAN C
 MEETS: JAN 12-MAY 8

THREE-DIMENS STUDIO ARCH 335 3 CREDITS
 1686005 A TR 1:10-3:20 SHAO P
 ARRANGED
 MEETS: JAN 12-MAY 8

THREE-DIMENS STUDIO ARCH 335H 3- 4 CREDITS
 Note: Instructor permission required.
 9261005 1 TR 1:10-3:20, ARRANGED
 MEETS: JAN 12-MAY 8

BLDG SCI & TECHN L II ARCH 341 5 CREDITS
 Prereq: ARCH 245, MATH 142/MATH 145X AND PHYS 111
 1575005 TR 12:40-2:00
 TR 2:10-4:00
 MEETS: JAN 12-MAY 8

BLDG SCI & TECHN L IV ARCH 343 5 CREDITS
 Prereq: ARCH 342
 1627005 TR 2:10-3:30
 TR 4:10-6:00PM
 MEETS: JAN 12-MAY 8

BLDG ENRGY PRF MODL ARCH 351 3 CREDITS
 Prereq: ARCH 202, ARCH 245, ARCH 341. OPEN TO NON-MAJORS BY PERMISSION OF INSTRUCTOR.
 1687005 F 9:00-11:40 PASSE U
 MEETS: JAN 12-MAY 8

ARCHITECT DESIGN VI ARCH 402 6 CREDITS
 Prereq: ARCH 401 AND MINIMUM 2.0 GPA IN PREVIOUS STUDIO COURSES
 Note: Meets international perspectives reqmt
 1692005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50
 MEETS: JAN 12-MAY 8

ARCHITECTURE

(CONTINUED)

ARCHITECTURE

(CONTINUED)

TOPICS AMERICAN ARCH ARCH 420 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: NO MORE THAN 6 CREDITS OF ARCH 420 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 TOPIC: A HISTORY OF ARCHITECTURE AND URBANISM IN THE AMERICAS
 Meets U.S. diversity reqmt
 8270005 TR 11:00-12:20 CARDINAL-PETT C
 MEETS: JAN 12-MAY 8

TOP 20TH CENTU ARCH ARCH 425 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: NO MORE THAN 6 CREDITS OF ARCH 425 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 1699005 T 6:00-8:50PM
 MEETS: JAN 12-MAY 8

TOPC ITALIAN ARC&UR ARCH 429 3 CREDITS
 1628800 IT ARRANGED SCHNEIDER P
 MEETS: JAN 12-MAY 6
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF DESIGN IN ROME: ARCHITECTURE, SPRING 2015.
 OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

ANALYTICAL DRAWING ARCH 431 3 CREDITS
 Prereq: ARCH 230 AND ARCH 302
 2154005 TR 9:30-11:50 SHAO P
 MEETS: JAN 12-MAY 8
 2154800 IT ARRANGED
 MEETS: JAN 12-MAY 6
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF DESIGN IN ROME: ARCHITECTURE, SPRING 2015.
 OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

FILE TO FABRICATION ARCH 433 3 CREDITS
 Prereq: ARCH 230 AND ARCH 301
 3852005 MW 7:10-8:30PM MUECKE M
 MEETS: JAN 12-MAY 8

ADVNCED DESIGN MEDIA ARCH 436 3 CREDITS
 Prereq: ARCH 230
 1704005 1 MWF 10:00-10:50 CAMPBELL C
 MEETS: JAN 12-MAY 8

DSIGN:MADE IN ITALY ARCH 486 3 CREDITS
 1632800 IT ARRANGED SCHNEIDER P
 MEETS: JAN 12-MAY 6
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF DESIGN IN ROME: ARCHITECTURE, SPRING 2015.
 OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

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

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY: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 541, ARCH 595 AND CONCURRENT ENROLLMENT IN ARCH 542 AND ARCH 596
 7753005 MW 1:10-5:20 MUECKE M
 F 1:10-2:40 MUECKE M
 MEETS: JAN 12-MAY 8

MIDDLE EAST CITIES ARCH 519 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 2513005 T 4:10-7:40PM GHANDOUR M
 MEETS: JAN 12-MAY 8

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 2015.
 1731005 1 M 6:10-9:00PM BOGDANOVIC J
 MEETS: JAN 12-MAY 8
 Note: SEC 1 TOPIC: "MEANING AND FORM IN ARCHITECTURE"
 1731010 2 R 6:10-9:00PM SQUIRE M
 MEETS: JAN 12-MAY 8
 Note: SEC 2 TOPIC: "GOODNESS AND BEAUTY"
 Materials, field trips &/or travel fee
 \$25.00-\$200.00
 1731015 3 R 6:00-8:50PM KRUKOWSKI S
 MEETS: JAN 12-MAY 8
 Note: SEC 3 TOPIC: "OUTLAWS ARCHITECTURE AND OTHERS"
 Materials, field trips &/or travel fee
 \$25.00-\$200.00
 1731020 4 R 6:00-8:50PM WOHL S
 MEETS: JAN 12-MAY 8
 Note: SEC 4 TOPIC: "COMPLEXITY THEORY: URBAN & ARCHITECTURE"
 Materials, field trips &/or travel fee
 \$25.00-\$200.00

TOPCL STDI TECHNOLG ARCH 528B 2- 3 CREDITS
 Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING
 1304005 1A TR 3:40-5:00 LESLIE T
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO ARCH MAJORS ONLY
 TOPIC: "BIG AND TALL: HISTORY OF CONSTRUCTION"
 1304010 1B TR 3:40-5:00 LESLIE T
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN ARCH
 TOPIC: "BIG AND TALL: HISTORY OF CONSTRUCTION"

TOPCL STDI CMMUNCAT ARCH 528C 2- 3 CREDITS
 Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2015
 1326005 M 9:00-11:50 LEE S
 MEETS: JAN 12-MAY 8
 1326010 2 T 9:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 2 TOPIC: DRAWING CULTURE

ADV CMPUTR-AID ARCH ARCH 534 3 CREDITS
 Prereq: ARCH 434 AND PERMISSION OF INSTRUCTOR
 1735005 1 TR 9:30-10:50 CHAN C
 MEETS: JAN 12-MAY 8

SCI&TECH FOR ARC II ARCH 542 5 CREDITS
 Prereq: ARCH 505, ARCH 541, ARCH 595 AND CONCURRENT ENROLLMENT IN ARCH 506 AND ARCH 596
 7735005 MWF 10:00-12:20
 MEETS: JAN 12-MAY 8

PRESERVATN &REHABTN ARCH 567 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 4712005 1 TR 9:30-10:50 OSTERBERG A
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO ARC, ARCH MAJORS ONLY
 4712010 2 TR 9:30-10:50 OSTERBERG A
 MEETS: JAN 12-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN ARC, ARCH

CONTEM URB DSN THRY ARCH 575 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 Note: TOPIC: PUBLIC SPACES
 1752005 1 R 3:30-6:10PM ADAMS R
 MEETS: JAN 12-MAY 8

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

 SEE DEPT FOR REFERENCE NUMBERS

SEMN BUILT ENVIR II ARCH 596 5 CREDITS
 Prereq: ARCH 505, ARCH 541, ARCH 595 AND CONCURRENT ENROLLMENT IN ARCH 506 AND ARCH 542
 7926005 T 9:30-11:50 ADAMS R
 R 10:30-11:50 ADAMS R
 MEETS: JAN 12-MAY 8

SEMN BUILT ENVIR IV ARCH 598 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 1721005 1 T 4:10-7:00PM GHANDOUR M
 MEETS: JAN 12-MAY 8
 1721010 2 R 6:00-8:50PM WOHL S
 MEETS: JAN 12-MAY 8
 1721015 3 R 6:00-8:50PM
 MEETS: JAN 12-MAY 8

ARCHITECTURE

(CONTINUED)

SCI&TECH FOR ARC IV ARCH 644 3 CREDITS
 Prereq: ARCH 643 OR GRADUATE CLASSIFICATION
 1746005 1 MW 11:00-11:50 LESLIE T
 F 10:30-11:50 LESLIE T
 MEETS: JAN 12-MAY 8

INDEP DESIGN STUDY ARCH 690 6 CREDITS
 Prereq: ADMISSION TO THE M. S. IN ARCH. PROGRAM
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR ARCH 698 R CREDIT
 Prereq: ADMISSION TO THE M. ARCH. OR M. S. IN
 ARCH. PROGRAMS
 1749005 1 T 12:40-2:00 LESLIE T
 MEETS: JAN 12-MAY 8

RESEARCH ARCH 699 3- 9 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART HISTORY

HISTORY OF ART II ART H 281 3 CREDITS
 Note: Meets international perspectives reqmt
 1791005 TR 11:00-12:20 GODBEY E
 MEETS: JAN 12-MAY 8

INTR VISU CULTR STU ART H 292 3 CREDITS
 Note: Meets U.S. diversity reqmt
 1764005 ARRANGED CUNNALLY J
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

ART&ARCHITC OF ASIA ART H 382 3 CREDITS
 Note: Meets international perspectives reqmt
 2868005 TR 9:30-10:50 MORGAN E
 MEETS: JAN 12-MAY 8

RENAISSANCE ART ART H 385 3 CREDITS
 Note: Instructor permission required 1st week.
 1827005 MWF 9:00-9:50 CUNNALLY J
 MEETS: JAN 12-MAY 8

RENAISSANCE ART ART H 385H 3- 4 CREDITS
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Instructor permission required.
 6387005 MWF 9:00-9:50 CUNNALLY J
 MEETS: JAN 12-MAY 8

ART&THEORY SINCE '45 ART H 395 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 1177005 TR 4:10-5:30 EISMAN A
 MEETS: JAN 12-MAY 8

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

TOPICS IN ART HIST ART H 498 3 CREDITS
 1738005 A TR 12:40-2:00 MORGAN E
 MEETS: JAN 12-MAY 8
 Note: SEC A TOPIC: THE WORLD ON DISPLAY

SPECIAL TOPICS ART H 590 VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART&THRY SINCE 1945 ART H 595 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 8400005 TR 12:40-2:00 EISMAN A
 MEETS: JAN 12-MAY 8

HIST OF PHOTOGRAPHY ART H 596 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 Note: GRADUATE CLASSIFICATION OR PERMISSION OF
 INSTRUCTOR.
 8234005 W 6:10-8:40PM GODBEY E
 MEETS: JAN 12-MAY 8

GREEN ART: EARTHWS& ART H 597X 3 CREDITS
 Prereq: 3 GRADUATE CREDIT HOURS IN ART H
 9635005 W 6:10-8:40PM
 MEETS: JAN 12-MAY 8

ASTRONOMY & ASTROPHYSICS

NORTH STAR ASTRONMY ASTRO 102 1 CREDIT
 Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
 8059005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

EVENING STAR ASTRO 103 1 CREDIT
 Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
 8260005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

ART & DESIGN

STUDIO ARTS EURO SEM ART 494A 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR AND PLANNED
 ENROLLMENT IN 495
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 1680005 T 7:10-8:00PM
 MEETS: JAN 12-MAY 8

STUDIO INTERNSHIP ART 497 1- 6 CREDITS
 Prereq: ADVANCED CLASSIFICATION IN A DEPT CURR,
 WRITTEN APPROVAL OF SUPERVISING INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSEUM/GLLRY INTERN ART 498 1- 6 CREDITS
 Prereq: ADVANCED CLASSIFICATION IN A DEPT CURR,
 WRITTEN APPROVAL OF SUPERVISING INSTR ON REQUIRED
 FORM IN ADVANCE OF SEM OF ENROLLMENT
 Satisfactory-Fail Only.
 7821005 A ARRANGED LILLIGREN I
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

MUSEUM/GLLRY INTERN ART 598 1- 6 CREDITS
 Prereq: GRAD CLASSIFICATION & INSTRUCTOR PERMISN
 WRITTEN APPROVAL IN ADVANCE OF SEMESTER OF ENROLLMENT
 Satisfactory-Fail Only.
 9445005 A ARRANGED LILLIGREN I
 MEETS: JAN 12-MAY 8
 Note: Department permission required.
 9445010 B ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Department permission required.
 9445015 C ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

STUDIO INTERNSHIP ART 697 VAR. CREDITS
 Prereq: GRAD CLASSIF & APPROVAL OF POS COMMITTEE
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH ART 699A VAR. CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 1949005 ARRANGED
 MEETS: JAN 12-MAY 8

THESIS RES--EXHIBIT ART 699B VAR. CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART EDUCATION

METHDS TEACHING ART ARTED 209X 2 CREDITS
 7797005 A MW 8:00-9:50 QUINTERO S
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$30.00
 7797010 B TR 5:10-7:00PM QUINTERO S
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$30.00
 7797015 D TR 1:10-3:00 QUINTERO S
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$30.00

INTRO TO ART EDUC ARTED 211 3 CREDITS
 Note: COURSE FOR EL ED, ECE MAJORS ONLY
 1773005 A1 MW 2:10-5:00 CALDWELL B
 MEETS: JAN 12-MAY 8
 1773010 A2 MW 2:10-5:00 CALDWELL B
 MEETS: JAN 12-MAY 8
 Note: SEC A2 RESTRICTED TO ECE, EL ED MAJORS
 ONLY
 1773015 B1 TR 9:30-12:20 CALDWELL B
 MEETS: JAN 12-MAY 8
 1773020 B2 TR 9:30-12:20 CALDWELL B
 MEETS: JAN 12-MAY 8
 Note: SEC A2 RESTRICTED TO ECE, EL ED MAJORS
 ONLY

ASTRONOMY & ASTROPHYSICS (CONTINUED)

EARTH&SPC FOR EL ED ASTRO 106 2 CREDITS
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED
 8505005 ARRANGED CERVATO C
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

EARTH&SPACE SCI LAB ASTRO 106L 1 CREDIT
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD
 EDUCATION; CONCURRENT ENROLLMENT IN 106
 8584005 1 M 3:10-5:00
 MEETS: JAN 12-MAY 8
 8584010 2 M 1:10-3:00
 MEETS: JAN 12-MAY 8
 8584015 3 M 10:00-11:50
 MEETS: JAN 12-MAY 8
 Note: Materials, field trips &/or travel fee \$25.00

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION.
 Night exams scheduled. For dates go to
 http://www.registrar.iastate.edu/students/exams/
 night-exams.

- 1951005 1 F 8:00-8:50
MEETS: JAN 12-MAY 8
- 1951010 2 F 9:00-9:50
MEETS: JAN 12-MAY 8
- 1951015 3 F 10:00-10:50
MEETS: JAN 12-MAY 8
- 1951020 4 F 11:00-11:50
MEETS: JAN 12-MAY 8
- 1951025 5 F 12:10-1:00
MEETS: JAN 12-MAY 8
- 1951030 6 F 1:10-2:00
MEETS: JAN 12-MAY 8
- 1951035 7 F 2:10-3:00
MEETS: JAN 12-MAY 8
- 1951040 8 F 3:10-4:00
MEETS: JAN 12-MAY 8
- 1951045 9 R 4:10-5:00
MEETS: JAN 12-MAY 8
- 1951050 10 M 8:00-8:50
MEETS: JAN 12-MAY 8
- 1951055 11 M 9:00-9:50
MEETS: JAN 12-MAY 8
- 1951060 12 M 10:00-10:50
MEETS: JAN 12-MAY 8
- 1951065 13 M 11:00-11:50
MEETS: JAN 12-MAY 8
- 1951070 14 M 12:10-1:00
MEETS: JAN 12-MAY 8
- 1951075 15 M 1:10-2:00
MEETS: JAN 12-MAY 8
- 1951080 16 M 2:10-3:00
MEETS: JAN 12-MAY 8
- 1951085 17 M 3:10-4:00
MEETS: JAN 12-MAY 8
- 1951120 Z TR 12:10-1:00
MEETS: JAN 12-MAY 8

SKY & SOLAR SYST LAB ASTRO 125L 1 CREDIT
 Prereq: CONCURRENT OR PREVIOUS ENROLLMENT IN 120
 2522005 1 M 8:00-9:50PM
 MEETS: JAN 12-MAY 8
 2522010 2 T 8:00-9:50PM
 MEETS: JAN 12-MAY 8
 2522015 3 W 8:00-9:50PM
 MEETS: JAN 12-MAY 8
 2522020 4 R 8:00-9:50PM
 MEETS: JAN 12-MAY 8

STARS,GALAXIES&COSM ASTRO 150 3 CREDITS
 1952005 1 TR 1:10-2:00
 W 9:00-9:50
 MEETS: JAN 12-MAY 8
 1952010 2 TR 1:10-2:00
 W 10:00-10:50
 MEETS: JAN 12-MAY 8
 1952015 3 TR 1:10-2:00
 W 11:00-11:50
 MEETS: JAN 12-MAY 8
 1952020 4 TR 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 1952025 5 TR 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 12-MAY 8

ASTRONOMY BIZARRE ASTRO 250 3 CREDITS
 Prereq: 120 OR 150
 4569005 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

ASTRONOMY & ASTROPHYSICS (CONTINUED)

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 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

ASTROPHYSIC COSMOLGY ASTRO 405 3 CREDITS
 Prereq: 346 OR PERMISSION OF INSTRUCTOR
 8791005 1 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

STELLAR ASTROPHYSICS ASTRO 580 3 CREDITS
 Prereq: ASTRO 405 OR ASTRO 505 OR PERMISSION
 OF INSTRUCTOR
 1966005 ARRANGED
 MEETS: JAN 12-MAY 8

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

CREATIVE COMPONENT ASTRO 599 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED SEMINAR ASTRO 650 1 CREDIT
 Satisfactory-Fail Only.
 1970005 F 4:10-6:00PM
 MEETS: JAN 12-MAY 8

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

ATHLETIC TRAINING

BASIC ATHLETIC TRAIN A TR 220 2 CREDITS
 Prereq: BIOL 155 OR BIOL 255 AND BIOL 256
 Note: Instructor permission required 1st week.

- 5729005 1 M 8:00-8:50
W 8:00-9:50
MEETS: JAN 12-MAY 8
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 12-MAY 8
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 12-MAY 8
Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH,
KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY

PRE-ATH TRAIN PRACT A TR 221 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN KIN 222 AND
 PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
 Note: COURSE RESTRICTED TO A TR, P ATR MAJORS
 Satisfactory-Fail Only.

- 6654005 1 T 11:00-11:50
ARRANGED
MEETS: JAN 12-MAY 8
- 6654010 2 R 11:00-11:50
ARRANGED
MEETS: JAN 12-MAY 8
- 6654015 3 T 11:00-11:50
ARRANGED
MEETS: JAN 12-MAY 8

ATHLETIC TRAINING

(CONTINUED)

BASIC ATHLETIC TRNG A TR 222 3 CREDITS
 Prereq: BIOL 255, 255L
 Note: COURSE RESTRICTED TO A TR, P ATR MAJORS
 7917005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

EVAL ATH INJURIES I A TR 224 3 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Note: COURSE RESTRICTED TO A TR MAJORS ONLY
 6655005 1 TR 9:30-10:20
 MEETS: JAN 12-MAY 8

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 12-MAY 8

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 TR 10:30-12:20
 MEETS: JAN 12-MAY 8

REHAB ATHLETC 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 12-MAY 8

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 12-MAY 8

EVID-BASE MED DISCU A TR 488 2 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Satisfactory-Fail Only.
 5775005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO A TR MAJORS ONLY
 Course delivery is WW

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 ARRANGED
 MEETS: JAN 12-MAY 8

ATHLETICS

INTERCOL BASKETBALL ATH 101B 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1974005 ARRANGED
 MEETS: JAN 12-MAY 8

INTERCOL BASKETBALL ATH 101C 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1975005 ARRANGED
 MEETS: JAN 12-MAY 8

INTERCOLLEGIAT GOLF ATH 101G 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1973005 ARRANGED
 MEETS: JAN 12-MAY 8

INTERCOL GYMNASTICS ATH 101J 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1981005 ARRANGED
 MEETS: JAN 12-MAY 8

ATHLETICS

(CONTINUED)

INTERCOLL SOFTBALL ATH 101K 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1982005 ARRANGED
 MEETS: JAN 12-MAY 8

INTERCOLL SWIMMING ATH 101M 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1984005 ARRANGED
 MEETS: JAN 12-MAY 8

INTERCOLLEG TENNIS ATH 101O 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1986005 ARRANGED
 MEETS: JAN 12-MAY 8

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 ARRANGED
 MEETS: JAN 12-MAY 8

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 ARRANGED
 MEETS: JAN 12-MAY 8

INTERCOLL WRESTLING ATH 101S 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1990005 ARRANGED
 MEETS: JAN 12-MAY 8

INTERCOLLEGIAT GOLF ATH 101T 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1991005 ARRANGED
 MEETS: JAN 12-MAY 8

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

INTRO BIOCHEM LAB BEBM 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 BARB A
 F 1:10-3:00 BARB A
 MEETS: JAN 12-MAY 8

1997010 B F 2:10-3:00 BARB A
 F 2:10-4:00 BARB A
 MEETS: JAN 12-MAY 8

1997015 C T 9:00-10:50 BARB A
 T 9:00-10:50 BARB A
 MEETS: JAN 12-MAY 8

1997020 D T 10:00-10:50 BARB A
 T 10:00-11:50 BARB A
 MEETS: JAN 12-MAY 8

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

CHEM PRIN IN BIO SY BBMB 201 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 332
 2053005 TR 2:10-3:00 ANDREOTTI A
 MEETS: JAN 12-MAY 8

BIOCHEMCL PROCESSES BBMB 221 3 CREDITS
 Prereq: CHEM 163, CHEM 167, OR CHEM 177
 Note: CREDIT FOR EITHER BBMB 221 OR CHEM 231, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. BIOCHEMISTRY AND BIOPHYSICS MAJORS MAY NOT APPLY CREDIT FOR BBMB 221 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE.
 1998005 MWF 12:10-1:00 HUIATT T
 MEETS: JAN 12-MAY 8

SURVEY OF BIOCHEM BBMB 301 3 CREDITS
 Prereq: CHEM 231 OR CHEM 331
 Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 301 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE
 1999005 MWF 12:10-1:00 THORNBURG R
 MEETS: JAN 12-MAY 8
 1999600 XW ARRANGED THORNBURG R
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

BIOCHEMISTRY PRINCIP BBMB 316 3 CREDITS
 Prereq: CHEM 231 OR CHEM 331; BIOL 212.
 Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 316 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR
 9022005 ARRANGED AMBROSIO L
 MEETS: JAN 12-MAY 8
 Note: THIS SEC IS RESTRICTED TO ON-CAMPUS STUDENTS ONLY
 Course delivery is WWW
 9022600 XW ARRANGED AMBROSIO L
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

BIOCHEMISTRY I BBMB 404 3 CREDITS
 Prereq: CHEM 332
 Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 2002600 XW ARRANGED HARGROVE M
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

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 MWF 11:00-11:50 BEITZ D
 MEETS: JAN 12-MAY 8
 2003600 XW ARRANGED BEITZ D
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

PHYSIOLOGICAL CHEM BBMB 420 3 CREDITS
 Prereq: CHEM 332, BBMB 301 OR BIOL 314
 Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. BIOCHEMISTRY AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 420 TOWARD THE MAJOR.
 2005600 XW ARRANGED HUIATT T
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

PROCARYO DIVERS&ECO BBMB 430 3 CREDITS
 Prereq: MICRO 302, MICRO 302L
 2085005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

LAB MICR PHYSL,DVRS BBMB 440 4 CREDITS
 Prereq: MICRO 302,302L, CHEM 332, BIOL 301L/313L
 2090005 1 TR 2:10-3:00
 MWF 2:10-4:00
 MEETS: JAN 12-MAY 8

MOLECU LR BIOPHYSICS BBMB 461 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 324 AND CHEM 325
 2007005 TR 11:00-11:50 HONZATKO R
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY BBMB 490 1- 3 CREDITS
 Prereq: AG LS COLLEGE MAJORS: JUNIOR OR SENIOR CLASSIFICATION AND INSTRUCTOR PERMISSION. LAS 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

COMPRHNS BIOCHEM II BBMB 502 4 CREDITS
 Prereq: BBMB 501
 2011005 MTRF 1:10-2:00 HONZATKO R
 MEETS: JAN 12-MAY 8

INTRO DNA TECHNIQS BBMB 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 7099005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-FEB 12

INTR PROTEIN TECHNQ BBMB 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 7100005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: FEB 17-MARCH 26

INTRO CELL TECHNIQS BBMB 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 7101005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 31-APRIL 30

INTR PLNT TRNSFM TQ BBMB 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Note: MEETS JAN 21-FEB 4 AND MARCH 25-APRIL 17
 Satisfactory-Fail Only.
 7104005 WF 12:30-4:00
 MEETS: JAN 21-APRIL 17

MOLECU LR BIOPHYSICS BBMB 561 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 324 & CHEM 325
 1768005 TR 11:00-11:50 HONZATKO R
 MEETS: JAN 12-MAY 8

MOLECU LR BIOPHYS LAB BBMB 561L 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN BBMB 461/561
 1796005 1 T 7:10-8:00PM HONZATKO R
 W 9:00-11:50 HONZATKO R
 MEETS: JAN 12-MAY 8
 1796010 2 T 7:10-8:00PM HONZATKO R
 W 11:00-2:00 HONZATKO R
 MEETS: JAN 12-MAY 8
 1796015 3 T 7:10-8:00PM HONZATKO R
 W 3:10-6:00PM HONZATKO R
 MEETS: JAN 12-MAY 8
 1796020 4 T 7:10-8:00PM HONZATKO R
 W 1:10-4:00 HONZATKO R
 MEETS: JAN 12-MAY 8

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

WORKSHP BIOCH&BIOPH BBMB 593 1 CREDIT
 Prereq: PERMISSION AND SIGNATURE OF COURSE ADMINISTRATOR REQUIRED
 Note: SEE DESI GUNNING FOR PERMISSION TO ADD.
 4853005 R 5:10-9:00PM
 MEETS: APRIL 9
 Note: Department permission required.

MCHNSM ENZY CATALYS BBMB 642 2 CREDITS
 Prereq: BBMB 404, BBMB 420, OR BBMB 501
 7188005 MW 3:10-4:00 ROBYT J
 MEETS: JAN 12-MAY 8

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

MOLECULAR SIGNALING BBMB 645 2 CREDITS
 Prereq: BBMB 405, BBMB 420, OR BBMB 502
 2028005 TR 3:10-4:00 NILSEN-HAMILTON
 MEETS: JAN 12-MAY 8

ADVANCED SEMINAR BBMB 681 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2034005 T 4:10-6:00PM NIKOLAU B
 MEETS: JAN 12-MAY 8

DEPARTMENT SEMINAR BBMB 682 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2035005 R 4:10-6:00PM THORNBURG R
 MEETS: JAN 12-MAY 8

RESEARCH SEMINAR BBMB 696 1 CREDIT
 Satisfactory-Fail Only.
 8831005 W 4:10-5:30
 MEETS: JAN 12-MAY 8

SEM N MOLEC,C,DV BIO BBMB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2013.
 2037005 M 3:10-5:00 JOHANSEN J
 MEETS: JAN 12-MAY 8

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

BIOINFORMATICS AND COMPUTATIONAL BIOL (CONTINUED)

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS
 7827005 ARRANGED
 MEETS: JAN 12-MAY 8

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 MW 6:10-9:00PM DORN J
 MEETS: JAN 12-MAY 8

APP SCI ILLUSTR TCNQ BPM I 337 3 CREDITS
 Prereq: ARTIS 327
 9105005 TR 2:10-5:00 BIECHLER D
 MEETS: JAN 12-MAY 8

FIELD ILLUSTRATION BPM I 395 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 2 CREDIT SPRING 2013.
 7996005 ARRANGED BIECHLER D
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY BPM I 490 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR & ADVISORY COMM
 CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLMT
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

BIOENGINEERING

INTRO BIOMEDIC ENGR BIOE 220 3 CREDITS
 Prereq: BIOL 212, ENGR 160 OR EQUIV, MATH 166,
 CHEM 167 OR CHEM 178, PHYS 222
 8997005 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

BIOINFORMATICS&COMPUTATIONAL BIOL-UG

INDEPENDENT STUDY BCBIO 490 1- 5 CREDITS
 Prereq: BCBIO 211, JUNIOR OR SENIOR CLASSIFICATN,
 PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE
 THAN 9 CREDITS OF BCBIO 490 OR 491 TOWARD GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEAM RESRCH PROJCTS BCBIO 491 1- 5 CREDITS
 Prereq: BCBIO 211, JUNIOR OR SENIOR CLASSIF,
 PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE
 THAN 9 CREDITS OF BCBIO 490 AND 491 TOWARD GRADUATION
 ARRANGED
 4721001 MEETS: JAN 12-MAY 8

BIOINFORMATICS AND COMPUTATIONAL BIOL

INDEPENDENT STUDY BCB 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV GENOME INFORMTIC BCB 568 3 CREDITS
 Prereq: BCB 567, BBMB 301, BIOL 315, STAT 430,
 CREDIT OR ENROLLMENT IN GEN 411
 2081005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

COMP FUNC GENOM&BIO BCB 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
 OR COM S 228, GEN 411, STAT 430
 2125005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS BCB 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1337005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 1337010 2 ARRANGED
 MEETS: JAN 12-MAY 8

WKSHP BIOINFORMATCS BCB 593 1 CREDIT
 7397005 T 4:10-5:00
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN BCB 598 R CREDIT
 Prereq: PERMISSION OF THE PROGRAM CHAIR
 1828005 ARRANGED
 MEETS: JAN 12-MAY 8

STUDT SEMINR BIOINF BCB 690 1 CREDIT
 7830005 W 4:10-5:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 2064010 2 TR 2:10-3:30 VALENZUELA M
 MEETS: JAN 12-MAY 8
 2064015 3 ARRANGED
 MEETS: JAN 12-MAY 8

Note: Course delivery is WWW
 2064020 4 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Course delivery is WWW
 2064605 XV ARRANGED PLEASANTS J
 MEETS: MARCH 9-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW
 Section info: <http://www.elo.iastate.edu/biol-courses-information/>

2064600 XW ARRANGED PLEASANTS J
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Section info: <http://www.elo.iastate.edu/biol-courses-information/>

OPPORTUNITI IN BIOL BIOL 111 .5 CREDIT
 Satisfactory-Fail Only.
 7407005 T 4:10-5:00
 MEETS: JAN 12-MAY 8

ORIENT TRANSFR STDT BIOL 112 R CREDIT
 Satisfactory-Fail Only.
 8242005 W 5:30-6:30PM
 MEETS: JAN 12-MAY 8

HUMAN BIOLOGY BIOL 155 3 CREDITS
 Prereq: HS BIOLOGY & CHEMISTRY OR BIOL 101
 Note: CREDIT IN BIOL 155 MAY NOT BE APPLIED
 TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
 7079005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 7079600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ENVIRONMNTL BIOLOGY BIOL 173 3 CREDITS
 Note: CREDIT IN BIOL 173 MAY NOT BE APPLIED
 TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
 2015005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 2015010 2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 2015600 XW ARRANGED PLEASANTS J
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Section info: <http://www.elo.iastate.edu/biol-courses-information/>

BIOLOGY (CONTINUED)

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 TR 9:00-10:50
 MEETS: MARCH 9-MAY 8

PRIN OF BIOLOGY I BIOL 211 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY
 9468005 1 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 9468010 2 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 9468015 3 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 211
 9470005 1 T 9:00-11:50
 MEETS: JAN 12-MAY 8
 9470010 2 T 12:10-3:00
 MEETS: JAN 12-MAY 8
 9470015 3 T 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 9470020 4 T 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 9470025 5 W 9:00-11:50
 MEETS: JAN 12-MAY 8
 9470030 6 W 12:10-3:00
 MEETS: JAN 12-MAY 8
 9470035 7 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 9470040 8 W 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 9470045 9 R 9:00-11:50
 MEETS: JAN 12-MAY 8
 9470050 10 R 12:10-3:00
 MEETS: JAN 12-MAY 8
 9470055 11 R 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 9470060 12 R 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 9470065 13 T 9:00-11:50
 MEETS: JAN 12-MAY 8
 9470070 14 T 12:10-3:00
 MEETS: JAN 12-MAY 8
 9470075 15 T 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 9470080 16 T 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 9470085 17 W 9:00-11:50
 MEETS: JAN 12-MAY 8
 9470090 18 W 12:10-3:00
 MEETS: JAN 12-MAY 8
 9470095 19 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 9470100 20 W 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 9470105 21 R 9:00-11:50
 MEETS: JAN 12-MAY 8
 9470110 22 R 12:10-3:00
 MEETS: JAN 12-MAY 8
 9470115 23 R 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 9470120 24 R 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 9470125 25 M 12:10-3:00
 MEETS: JAN 12-MAY 8
 9470130 26 M 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 9470135 27 M 12:10-3:00
 MEETS: JAN 12-MAY 8
 9470140 28 M 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 9470145 29 M 9:00-12:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 9469010 2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 9469015 3 TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 9469600 XW ARRANGED KUKDAY S
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Section info: <http://www.elo.iastate.edu/biol-courses-information/>

PRIN BIOLOGY LAB II BIOL 212L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 212
 9471005 1 M 7:00-9:50
 MEETS: JAN 12-MAY 8
 9471010 2 M 10:00-12:50
 MEETS: JAN 12-MAY 8
 Note: SEC 2 RESTRICTED TO GEN, GEN S MAJORS ONLY
 9471015 3 M 1:10-4:00
 MEETS: JAN 12-MAY 8
 9471020 4 M 4:10-7:00PM
 MEETS: JAN 12-MAY 8

BIOLOGY (CONTINUED)

PRIN BIOLOGY LAB II BIOL 212L 1 CREDIT
 9471025 5 M 7:10-10:00PM
 MEETS: JAN 12-MAY 8
 9471030 6 T 7:00-9:50
 MEETS: JAN 12-MAY 8
 9471035 7 T 10:00-12:50
 MEETS: JAN 12-MAY 8
 9471040 8 T 1:10-4:00
 MEETS: JAN 12-MAY 8
 9471045 9 T 4:10-7:00PM
 MEETS: JAN 12-MAY 8
 9471050 10 T 7:10-10:00PM
 MEETS: JAN 12-MAY 8
 9471055 11 W 7:00-9:50
 MEETS: JAN 12-MAY 8
 9471060 12 W 10:00-12:50
 MEETS: JAN 12-MAY 8
 Note: SEC 12 RESTRICTED TO GEN, GEN S MAJORS ONLY
 9471065 13 W 1:10-4:00
 MEETS: JAN 12-MAY 8
 9471070 14 W 4:10-7:00PM
 MEETS: JAN 12-MAY 8
 9471075 15 W 7:10-10:00PM
 MEETS: JAN 12-MAY 8
 9471080 16 R 7:00-9:50PM
 MEETS: JAN 12-MAY 8
 9471085 17 R 10:00-12:50
 MEETS: JAN 12-MAY 8
 9471090 18 R 1:10-4:00
 MEETS: JAN 12-MAY 8
 9471095 19 R 4:10-7:00PM
 MEETS: JAN 12-MAY 8
 9471100 20 R 7:10-10:00PM
 MEETS: JAN 12-MAY 8
 9471105 21 M 7:00-9:50
 MEETS: JAN 12-MAY 8
 9471110 22 M 10:00-12:50
 MEETS: JAN 12-MAY 8
 9471115 23 M 1:10-4:00
 MEETS: JAN 12-MAY 8
 9471120 24 M 4:10-7:00PM
 MEETS: JAN 12-MAY 8
 9471125 25 M 7:10-10:00PM
 MEETS: JAN 12-MAY 8
 9471130 26 T 7:00-9:50
 MEETS: JAN 12-MAY 8
 9471135 27 T 10:00-12:50
 MEETS: JAN 12-MAY 8
 9471140 28 T 1:10-4:00
 MEETS: JAN 12-MAY 8
 9471145 29 T 4:10-7:00PM
 MEETS: JAN 12-MAY 8
 9471150 30 T 7:10-10:00PM
 MEETS: JAN 12-MAY 8
 9471155 31 W 7:00-9:50
 MEETS: JAN 12-MAY 8
 9471160 32 W 10:00-12:50
 MEETS: JAN 12-MAY 8
 9471165 33 W 1:10-4:00
 MEETS: JAN 12-MAY 8
 9471170 34 W 4:10-7:00PM
 MEETS: JAN 12-MAY 8
 9471175 35 W 7:10-10:00PM
 MEETS: JAN 12-MAY 8
 9471180 36 R 7:00-9:50
 MEETS: JAN 12-MAY 8
 9471185 37 R 10:00-12:50
 MEETS: JAN 12-MAY 8
 9471190 38 R 1:10-4:00
 MEETS: JAN 12-MAY 8
 9471195 39 R 4:10-7:00PM
 MEETS: JAN 12-MAY 8
 9471200 40 R 7:10-10:00PM
 MEETS: JAN 12-MAY 8

BIOL PROC IN ENVIRN BIOL 251 3 CREDITS
 1753005 1A TR 12:40-1:55
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
 1753010 1B TR 12:40-1:55
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 6408010 2 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8
 6408600 XW ARRANGED HAEN K
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

BIOLOGY

(CONTINUED)

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 12-MAY 8

6419010 2 T 12:10-3:00
 MEETS: JAN 12-MAY 8

6419015 3 T 3:10-6:00PM
 MEETS: JAN 12-MAY 8

6419020 4 T 6:10-9:00PM
 MEETS: JAN 12-MAY 8

6419025 5 T 9:00-11:50
 MEETS: JAN 12-MAY 8

6419030 6 T 12:10-3:00
 MEETS: JAN 12-MAY 8

6419035 7 T 3:10-6:00PM
 MEETS: JAN 12-MAY 8

6419040 8 T 6:10-9:00PM
 MEETS: JAN 12-MAY 8

6419045 9 W 9:00-11:50
 MEETS: JAN 12-MAY 8

6419050 10 W 12:10-3:00
 MEETS: JAN 12-MAY 8

6419055 11 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8

6419060 12 W 6:10-9:00PM
 MEETS: JAN 12-MAY 8

6419065 13 W 9:00-11:50
 MEETS: JAN 12-MAY 8

6419070 14 W 12:10-3:00
 MEETS: JAN 12-MAY 8

6419075 15 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8

6419080 16 W 6:10-9:00PM
 MEETS: JAN 12-MAY 8

6419085 17 R 9:00-11:50
 MEETS: JAN 12-MAY 8

6419090 18 R 12:10-3:00
 MEETS: JAN 12-MAY 8

6419095 19 R 9:00-11:50
 MEETS: JAN 12-MAY 8

6419100 20 R 12:10-3:00
 MEETS: JAN 12-MAY 8

6419105 21 R 3:10-6:00PM
 MEETS: JAN 12-MAY 8

6419110 22 R 6:10-9:00PM
 MEETS: JAN 12-MAY 8

6419115 23 R 3:10-6:00PM
 MEETS: JAN 12-MAY 8

6419120 24 R 6:10-9:00PM
 MEETS: JAN 12-MAY 8

6419125 25 M 12:10-3:00
 MEETS: JAN 12-MAY 8

6419130 26 M 12:10-3:00
 MEETS: JAN 12-MAY 8

6419135 27 M 3:10-6:00PM
 MEETS: JAN 12-MAY 8

6419140 28 M 3:10-6:00PM
 MEETS: JAN 12-MAY 8

6419145 29 M 9:00-11:50
 MEETS: JAN 12-MAY 8

6419150 30 M 9:00-11:50
 MEETS: JAN 12-MAY 8

6419155 31 M 6:10-9:00PM
 MEETS: JAN 12-MAY 8

6419160 32 M 6:10-9:00PM
 MEETS: JAN 12-MAY 8

METAB PHYSIOL MAMML BIOL 306 3 CREDITS
 Prereq: BIOL 211, BIOL 212
 Note: CREDIT FOR EITHER BIOL 306/306X OR BIOL 335, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

8911005 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

PRINCIP OF GENETICS BIOL 313 3 CREDITS
 Prereq: BIOL 211, BIOL 212
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313 AND 313L, GEN/AGRON 320

9472005 1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

9473010 2 MW 10:30-11:50
 MEETS: JAN 12-MAY 8

9473015 3 MW 1:10-2:30
 MEETS: JAN 12-MAY 8

9473020 4 MW 3:10-4:30
 MEETS: JAN 12-MAY 8

9473025 5 MW 5:10-6:30PM
 MEETS: JAN 12-MAY 8

9473030 6 TR 9:00-10:20
 MEETS: JAN 12-MAY 8

9473035 7 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

9473040 8 TR 1:10-2:30
 MEETS: JAN 12-MAY 8

BIOLOGY

(CONTINUED)

GENETICS LABORATORY BIOL 313L 1 CREDIT
 9473045 9 TR 3:10-4:30
 MEETS: JAN 12-MAY 8

9473050 10 TR 5:10-6:30PM
 MEETS: JAN 12-MAY 8

PRIN MOLEC CELL BIO BIOL 314 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, AND BIOL 212L

9474005 1 MWF 2:10-3:00 TRIMARCHI J
 MEETS: JAN 12-MAY 8

BIOLOGICAL EVOLUTN BIOL 315 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L. BIOL 313 RECOMMENDED.

5604005 1 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8

GENOME PRSPCTV BIOL BIOL 349X 2 CREDITS
 Prereq: GEN 313 OR GEN 320

9692005 TR 3:40-4:30
 MEETS: JAN 12-MAY 8

COMPA CHORDATE ANAT BIOL 351 5 CREDITS
 Prereq: BIOL 212, JUNIOR CLASSIFICATION

7090005 1 TR 9:30-10:50 PLEASANTS B
 MW 12:10-2:00 SPALDING B
 MEETS: JAN 12-MAY 8

7090010 2 TR 9:30-10:50 PLEASANTS B
 TR 12:10-2:00 PLEASANTS B
 MEETS: JAN 12-MAY 8

7090015 3 TR 9:30-10:50 PLEASANTS B
 MW 2:10-4:00 SPALDING B
 MEETS: JAN 12-MAY 8

7090020 4 TR 9:30-10:50 PLEASANTS B
 MW 4:10-6:00PM SPALDING B
 MEETS: JAN 12-MAY 8

VERTEBRAT HISTOLOGY BIOL 352 4 CREDITS
 Prereq: BIOL 212

7091005 1 MWF 10:00-10:50
 T 9:00-11:50
 MEETS: JAN 12-MAY 8

7091010 2 MWF 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 12-MAY 8

INTRO PARASITOLOGY BIOL 353 3 CREDITS
 Prereq: BIOL 212

7088005 TR 9:30-10:50 JONES D
 MEETS: JAN 12-MAY 8

PLANTS & PEOPLE BIOL 355 3 CREDITS
 Prereq: BIOL 211, BIOL 211L

2082005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

PLANT SYSTEMATICS BIOL 366 4 CREDITS
 Prereq: BIOL 211

2084010 1 TR 12:40-2:00 CLARK L
 T 2:10-5:00
 MEETS: JAN 12-MAY 8

2084015 2 TR 12:40-2:00 CLARK L
 W 12:10-3:00
 MEETS: JAN 12-MAY 8

2084020 3 TR 12:40-2:00 CLARK L
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8

2084025 4 TR 12:40-2:00 CLARK L
 R 9:00-11:50
 MEETS: JAN 12-MAY 8

ECOLOGICAL METHODS BIOL 371 3 CREDITS
 Prereq: A ECL 312; STAT 101 OR STAT 104

1541005 1 MW 12:10-1:00
 T 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 Note: Materials fee \$40.00

1541010 2 MW 12:10-1:00
 R 11:00-2:00
 MEETS: JAN 12-MAY 8
 Note: Materials fee \$40.00

ANALYS ENVIRON SYST BIOL 382 3 CREDITS
 Prereq: ENSCI 381

4805005 1A T 12:40-1:55
 W 12:10-3:00
 MEETS: JAN 12-MAY 8

4805010 1B T 12:40-1:55
 W 12:10-3:00
 MEETS: JAN 12-MAY 8

4805015 2A T 12:40-1:55
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8

4805020 2B T 12:40-1:55
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8

BIOLOGY

(CONTINUED)

PRE-FLD TRIP SEMINR BIOL 393A 1 CREDIT
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 1918005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SECT 1 PREP TRAVEL TO BOUNDRY WATERS
 SPRING 2014
 Instructor permission required.

N AMERIC FIELD TRIP BIOL 393B 1- 3 CREDITS
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 1921005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: OPEN SECTION TRAVEL TO BOUNDRY WATERS SPRING
 2015
 Instructor permission required.

INTL FIELD TRIP SEM BIOL 394A 1 CREDIT
 Prereq: TWO COURSES IN THE BIOLOGICAL SCIENCES
 AND BY APPROVAL OF APPLICATION
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 3167005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

INTERNAT FIELD TRIP BIOL 394B 1- 3 CREDITS
 Prereq: TWO COURSES IN THE BIOLOGICAL SCIENCES
 AND BY APPROVAL OF APPLICATION
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 3223005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

INTRO TO PATHOLOGY BIOL 402 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
 4985005 TR 4:10-5:30 HAYNES J
 MEETS: JAN 12-MAY 8

DEVELOPMENTAL BIOL BIOL 423 3 CREDITS
 Prereq: BIOL 313
 7103005 1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

DEVELOPMTL BIOL LAB BIOL 423L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 423
 5680005 1 TR 12:10-1:30
 MEETS: JAN 12-MAY 8
 5680010 2 TR 1:40-3:00
 MEETS: JAN 12-MAY 8

BRYOPHYT&LICHN DVRS BIOL 455 3 CREDITS
 Prereq: BIOL 211 AND BIOL 211L
 8909005 MR 6:10-8:30PM
 MEETS: JAN 12-MAY 8

ORNITHOLOGY BIOL 458 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2140005 1 MW 10:00-10:50 DINSMORE S
 MEETS: JAN 12-MAY 8

ORNITHOLOGY LAB BIOL 458L 1 CREDIT
 Prereq: BIOL 351 OR BIOL 365 OR A ECL 365;
 CONCURRENT ENROLLMENT IN A ECL 458 OR BIOL 458 REQ'D
 9658005 1 T 7:00-9:50 DINSMORE S
 MEETS: JAN 12-MAY 8
 9658010 2 W 7:00-9:50 DINSMORE S
 MEETS: JAN 12-MAY 8

MAMMALOLOGY BIOL 459 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2155005 1 MW 2:10-3:00 RENTZ M
 MEETS: JAN 12-MAY 8

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 EYHERALDE P
 MEETS: JAN 12-MAY 8
 9660010 2 W 9:00-11:50 EYHERALDE P
 MEETS: JAN 12-MAY 8
 9660015 3 R 9:00-11:50 EYHERALDE P
 MEETS: JAN 12-MAY 8

COMMUNITY ECOLOGY BIOL 472 3 CREDITS
 Prereq: BIOL 312
 2100005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

PLANT ECOLOGY BIOL 474 3 CREDITS
 Prereq: BIOL 312
 2099005 TR 9:30-10:50 WILSEY B
 MEETS: JAN 12-MAY 8

FUNCTIONAL ECOLOGY BIOL 476 3 CREDITS
 Prereq: BIOL 312
 2156005 TR 2:10-3:25
 MEETS: JAN 12-MAY 8

BIOLOGY

(CONTINUED)

ECOSYSTEM ECOLOGY BIOL 484 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOL, CHEM & PHYS
 8689005 MWF 9:00-9:50 MCGUIRE P
 MEETS: JAN 12-MAY 8

ID AQUATIC ORGANSMS BIOL 488 1 CREDIT
 4644005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 4644600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WW

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 6 CREDITS MAY BE
 APPLIED TO THE MAJOR
 ***** 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
 Satisfactory-Fail Only
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY INTERNSHIP BIOL 494 1- 3 CREDITS
 Prereq: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSN
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR BIOL 495 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BIOL 498 R CREDIT
 Prereq: PERMISSION OF THE BIOLOGY PROGRAM
 COOPERATIVE EDUCATION COORDINATOR
 4546005 ARRANGED
 MEETS: JAN 12-MAY 8

UG RESEARCH EXPRNCE BIOL 499 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS IN BIOL 499 MAY BE APPLIED
 TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE
 APPLIED TO THE MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL SCIENCES

AN&PHYSL DOMES ANIM B M S 329 3 CREDITS
 Prereq: BIOL 212, 212L
 6968005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

PRIN MORPHOLOGY II B M S 331 4 CREDITS
 Prereq: 330, FIRST-YEAR CLASSIFICATION IN
 VET MED
 Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
 6009005 TR 1:10-2:00
 TR 2:10-4:00
 F 2:10-4:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 1936010 2 MTR 8:00-8:50
 WF 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 6833010 2 MW 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 12-MAY 8

CASE STUDY II B M S 346 1 CREDIT
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 6458005 F 1:10-2:00
 MEETS: JAN 12-MAY 8

GENERAL PHARMACOLGY B M S 354 3 CREDITS
 Prereq: B M S 333, B M S 334
 3518005 MR 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 12-MAY 8

BIOMEDICAL SCIENCES (CONTINUED)

BIOMEDICAL SCIENCES (CONTINUED)

INTR AQUAT ANIM MED B M S 401 1 CREDIT
 2729005 1 T 7:10-9:00PM
 MEETS: MARCH 9-MAY 8

BEHAVIOR DOMES ANIM B M S 403 1 CREDIT
 6840005 Prereq: CLASSIFICATION IN V MED
 F 12:10-1:00
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY B M S 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS B M S 490H 1- 5 CREDITS
 Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MTHD BIOMED SCI B M S 501 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A B M S FACULTY MEMBER
 6978005 ARRANGED
 MEETS: JAN 12-MAY 8

MTHDS IN BIOMED SCI B M S 502X 3 CREDITS
 5084005 MW 1:10-4:00
 MEETS: JAN 12-MAY 8

PRIN MORPHOLOGY II B M S 531 4 CREDITS
 Prereq: 530
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 6678005 TR 1:10-2:00
 TR 2:10-4:00
 F 2:10-4:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 9325010 2 MTR 8:00-8:50
 WF 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 6847010 2 MW 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 12-MAY 8

PRINCPLS PHARMACLGY B M S 539X 4 CREDITS
 5094005 MTRF 8:00-8:50
 MEETS: JAN 12-MAY 8

INTRO DNA TECHNIQS B M S 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7133005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-FEB 12

INTR PROTEIN TECHNQ B M S 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7134005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: FEB 17-MARCH 26

INTRO CELL TECHNIQS B M S 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7135005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 31-APRIL 30

INTR PLNT TRNSFM TQ B M S 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Note: MEETS JAN 21-FEB 4 AND MARCH 25-APRIL 17
 Satisfactory-Fail Only.
 7137005 WF 12:30-4:00
 MEETS: JAN 21-APRIL 17

GENERAL PHARMACOLGY B M S 554 3 CREDITS
 Prereq: B M S 549, B M S 552, BBMB 404, BBMB 405
 3531005 MR 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 12-MAY 8

SPCL TOPICS ANATOMY B M S 590A 1- 7 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PHYSIOLOGY B M S 590B 1- 7 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC PHARMACOL B M S 590C 1- 7 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS CELL BIOL B M S 590D 1- 7 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT B M S 599 1- 3 CREDITS
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM,
 PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH REVIEW B M S 688 1 CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 8961005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV TOPICS ANATOMY B M S 690A 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPC PHYSIOLOGY B M S 690B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC PHARMACOL B M S 690C 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPCS CELL BIOL B M S 690D 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR B M S 698A R CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 5776005 R 12:10-1:00
 MEETS: JAN 12-MAY 8

SEMINAR B M S 698B 1 CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 Satisfactory-Fail Only.
 6995005 R 12:10-1:00
 MEETS: JAN 12-MAY 8

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

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

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

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

BIORENEWABLE RESOURCES & TECHNOLOGY

FUND BIORENEW RESOU BRT 501 3 CREDITS
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
 6534005 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

6534600 XE ARRANGED BROWN R
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

BIOBASE PROD SEMINR BRT 506B R CREDIT
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
 Satisfactory-Fail Only.
 6505005 ARRANGED
 MEETS: JAN 12-MAY 8

BIOBASE SEM PRESNTN BRT 506C 1 CREDIT
 Prereq: BRT 506B
 2383005 ARRANGED
 MEETS: JAN 12-MAY 8

INTL BIORNW LAW&POL BRT 516X 3 CREDITS
 7657005 TR 12:40-2:00 WANG Y
 MEETS: JAN 12-MAY 8

7657600 XW ARRANGED WANG Y
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

BIORENEWABLE RESOURCES & TECHNOLOGY (CONTINUED)

SPECIAL TOPICS BRT 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR OR MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIORENEWABLES LAB BRT 592L 1 CREDIT
 9779005 T 8:00-10:50
 MEETS: JAN 12-MAY 8

RESEARCH BRT 699 VAR. CREDITS
 Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ADMINISTRATION

ORIENTATION BUSAD 103X 1 CREDIT
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: BUSAD 101, BUSAD 101H,
 BUSAD 102, BUSAD 103X

9404005 1 M 8:00-8:50
 MEETS: JAN 12-MAY 8
 9404010 2 T 12:40-1:30
 MEETS: JAN 12-MAY 8
 9404015 3 W 8:00-8:50
 MEETS: JAN 12-MAY 8
 9404020 4 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 9404025 5 R 12:40-1:30
 MEETS: JAN 12-MAY 8
 9404030 6 F 8:00-8:50
 MEETS: JAN 12-MAY 8

CAREERS&EMPLOY PREP BUSAD 203X 1 CREDIT

Prereq: BUSAD 101 OR BUSAD 102
 8860005 1 M 12:10-1:00
 MEETS: JAN 12-MAY 8
 8860010 2 M 1:10-2:00
 MEETS: JAN 12-MAY 8
 8860015 3 T 12:40-1:30
 MEETS: JAN 12-MAY 8
 8860020 4 T 2:10-3:00
 MEETS: JAN 12-MAY 8
 8860025 5 T 5:10-6:00PM
 MEETS: JAN 12-MAY 8
 8860030 6 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 8860035 7 R 12:40-1:30
 MEETS: JAN 12-MAY 8
 8860040 8 R 2:10-3:00
 MEETS: JAN 12-MAY 8
 8860045 9 R 5:10-6:00PM
 MEETS: JAN 12-MAY 8
 8860050 10 F 1:10-2:00
 MEETS: JAN 12-MAY 8

INTRO TO BUSINESS BUSAD 250 3 CREDITS

Prereq: COM S 113X
 Note: SEC A1,B1 ECT RESTRICTED TO COLLEGE OF BUSINESS
 ONLY. SEC A2,B2 ECT FOR MAJORS OTHER THAN IN THE
 COLLEGE OF BUSINESS.

8807005 A1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 8807010 A2 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 8807015 B1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 8807020 B2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 8807025 C1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 8807030 C2 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 8807035 D1 TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 8807040 D2 TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 8807045 E1 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8
 8807050 E2 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8
 8807055 F1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 8807060 F2 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 8807065 G1 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 8807070 G2 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 8807075 J1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 8807080 J2 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 8807085 K1 MWF 4:10-5:00
 MEETS: JAN 12-MAY 8
 8807090 K2 MWF 4:10-5:00
 MEETS: JAN 12-MAY 8
 8807095 L1 MW 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 8807100 L2 MW 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 8807105 M1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 8807110 M2 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 8807115 N1 MW 6:40-7:55PM
 MEETS: JAN 12-MAY 8

BUSINESS ADMINISTRATION (CONTINUED)

INTRO TO BUSINESS BUSAD 250 3 CREDITS
 8807120 N2 MW 6:40-7:55PM
 MEETS: JAN 12-MAY 8

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

ENTREPRENSHP SEMINR BUSAD 292 1 CREDIT
 Prereq: MEMBERSHIP OR APPLIED FOR MEMBERSHIP
 TO ENTREPRENEURSHIP AND INNOVATION LEARNING COMMUNITY
 8304005 T 9:30-10:50
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUC BUSAD 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS
 PERMISSION OF KATHY WIELAND REQUIRED TO ADD.
 Satisfactory-Fail Only.
 6147005 A ARRANGED
 MEETS: JAN 12-MAY 8
 Note: College permission required - go to
 1200 Gerdin.

IND STDY ENTREPRENR BUSAD 490E 1- 3 CREDITS
 Note: Instructor permission required.
 3635005 ARRANGED
 MEETS: JAN 12-MAY 8

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 DOMESTIC INTERNS BUSAD 491A 1- 3 CREDITS
 Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM
 COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING
 INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 PRIOR TO THE LEARNING EXPERIENCE.
 Note: FOR SOPH AND ABOVE IN THE COLLEGE OF BUSINESS.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXP INT'L INTERNSHP BUSAD 491B 1- 3 CREDITS
 Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM
 COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING
 INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 PRIOR TO THE LEARNING EXPERIENCE.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO EXPERIENTL LRNG BUSAD 591 1- 3 CREDITS
 Prereq: GRADUATE STANDING; WRITTEN APPROVAL OF
 SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON
 REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
 7533010 MP ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

MBA PRO SKIL DEV II BUSAD 594 R CREDIT
 Prereq: 592
 Satisfactory-Fail Only.
 9425005 F 8:30-11:50
 MEETS: JAN 16-APRIL 10

COOPERATIVE EDUCATN BUSAD 598 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 Instructor permission required.
 Satisfactory-Fail Only.
 7906005 ARRANGED
 MEETS: JAN 12-MAY 8

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 MARKTG BUSAD 599F 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ADMINISTRATION (CONTINUED)

CRTV CMP MGT INF SY BUSAD 599K 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

CREATV COMPONENT SCM BUSAD 599L 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BUSAD 699 3- 6 CREDITS
 Prereq: GRAD CLASSIF, PERMISSION OF MAJOR PROF
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING

LEARNING COMMUNITY CH E 104 R CREDIT
 Prereq: ENROLLMENT IN CH E LEARNING TEAM
 Satisfactory-Fail Only.
 3630005 A W 4:10-5:00
 MEETS: JAN 12-MAY 8
 3630010 B T 1:10-2:00
 MEETS: JAN 12-MAY 8

CH E PROBL CPTR LAB CH E 160 3 CREDITS
 Prereq: MATH 142/MATH 145X OR SATISFACTORY
 SCORES ON MATH PLACEMENT EXAMS; CREDIT OR
 ENROLLMENT IN MATH 165
 2778005 A MW 12:10-2:00
 MEETS: JAN 12-MAY 8
 2778010 B MW 2:10-4:00
 MEETS: JAN 12-MAY 8

MATRL &ENERGY BALNC CH E 210 3 CREDITS
 Prereq: CHEM 178, MATH 166
 2429005 A MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

INTRO BIOMEDIC ENGR CH E 220 3 CREDITS
 Prereq: BIOL 212, ENGR 160 OR EQUIV, MATH 166,
 CHEM 167 OR CHEM 178, PHYS 221
 8998005 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUC CH E 298 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES

 SEE DEPT FOR REFERENCE NUMBERS

COMPUT MTHDS CHEM E CH E 310 3 CREDITS
 Prereq: CH E 210 AND ENGR 160
 2104005 A TR 4:10-5:30
 MEETS: JAN 12-MAY 8
 2104010 B TR 12:40-2:00
 MEETS: JAN 12-MAY 8

CHEMICAL ENGR LAB I CH E 325 2 CREDITS
 Prereq: CH E 357, CREDIT OR ENROLLMENT IN CH E
 381
 Note: Instructor permission required 1st week.
 5699005 A MW 9:00-10:50
 MEETS: JAN 12-MAY 8
 5699010 B MW 12:10-2:00
 MEETS: JAN 12-MAY 8
 5699015 C MW 2:10-4:00
 MEETS: JAN 12-MAY 8
 5699020 D MW 4:10-6:00PM
 MEETS: JAN 12-MAY 8

TRANSPRT PHENOMEN I CH E 356 3 CREDITS
 Prereq: CH E 210, PHYS 221, CREDIT OR ENROLLMENT
 IN MATH 267
 2435005 A MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 2435010 B MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

TRANSPRT PHENOMN II CH E 357 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CH E 310; CH E
 356
 2436005 A MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

SEPARATIONS CH E 358 3 CREDITS
 Prereq: CH E 310, CH E 357
 2437005 A MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 2437010 B MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

CH E THERMODYNAMICS CH E 381 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CH E 310; MATH
 267, PHYS 222, CHEM 325
 2438005 A MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

CHEMICAL ENGINEERING (CONTINUED)

CHEMICAL REACTN ENGR CH E 382 3 CREDITS
 Prereq: CREDIT IN CH E 310; CH E 381, CREDIT OR
 ENROLLMENT IN CH E 357
 2439005 A MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 2439010 B MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

FOREIGN STDY ORIENT CH E 391 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CH E 357 AND CH E
 381 OR PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 7162010 SP T 4:10-5:00
 MEETS: JAN 12-MAY 8
 Note: STUDY ABROAD PREP: OVIEDO, SPAIN

ENGINEER INTERNSHIP CH E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT EACH TIME TAKEN

 SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC CH E 398 R CREDIT
 Prereq: CH E 298, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES

 SEE DEPT FOR REFERENCE NUMBERS

BIOCHEMICAL ENGINEER CH E 415 3 CREDITS
 Prereq: CH E 357, CH E 382 RECOMMENDED, CHEM 331
 2446005 A MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

CHEMC PROCSS SAFETY CH E 420 3 CREDITS
 Prereq: CH E 357 OR EQUIVALENT, CH E 381 OR
 EQUIVALENT, JUNIOR CLASSIFICATION
 7965005 A MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

CHEMICAL ENGR LAB II CH E 426 2 CREDITS
 Prereq: CH E 325, CH E 358, CH E 382
 Note: RESTRICTED TO CH E SENIORS GRADUATING SPRING 2013
 CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 2448005 A T 8:00-11:50
 MEETS: JAN 12-MAY 8
 2448010 B T 2:10-6:00PM
 MEETS: JAN 12-MAY 8
 2448015 C R 8:00-11:50
 MEETS: JAN 12-MAY 8
 2448020 D R 2:10-6:00PM
 MEETS: JAN 12-MAY 8

BIOLOGICAL ENGR LAB CH E 427 2 CREDITS
 Prereq: CREDIT IN CH E 325, CH E 358, CH E 382,
 AND BMB 301
 Note: CREDIT FOR EITHER CH E 426 OR CH E 427, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 2107005 A R 8:00-11:50
 MEETS: JAN 12-MAY 8

PROCES&PLANT DESIGN CH E 430 4 CREDITS
 Prereq: CH E 358, CH E 382
 2449005 A MW 10:00-10:50
 TR 10:00-11:50
 MEETS: JAN 12-MAY 8
 2449010 B MW 10:00-10:50
 TR 2:10-4:00
 MEETS: JAN 12-MAY 8

POLYMERS &POLY ENGR CH E 447 3 CREDITS
 Prereq: CH E 382 AND CHEM 331 OR MAT E 351
 7146005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

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 UNIVERSTY HONORS STUDENTS
 ONLY. NO MORE THAN 6 CREDITS OF CH E 490 MAY BE
 APPLIED TOWARDS GRADUATION AS TECHNICAL ELECTIVES.

 SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CH E 498 R CREDIT
 Prereq: CH E 398, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES

 SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING (CONTINUED)

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 12-MAY 8

POLYMERS & POLY ENGR CH E 547 3 CREDITS
 Prereq: CH E 382 AND CHEM 331 OR MAT E 351
 9043005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

ADV CH REACTOR DSGN CH E 587 3 CREDITS
 Prereq: CH E 382
 2468005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

METABOLIC ENGINEER CH E 625 3 CREDITS
 Prereq: CH E 382, CHEM 331
 2060005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

MULTIPHASE FLOW CH E 632 3 CREDITS
 Prereq: M E 538
 2678005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

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

ENGINEER INTERNSHIP CH E 697 R CREDIT
 Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF
 2116005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

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

CHEMISTRY

COLLEGE CHEM PREP CHEM 50 0 CREDITS
 Prereq: ONE YEAR OF HIGH SCHOOL ALGEBRA
 Note: DEVELOPMENTAL CHEM FEE APPLIES. SEE TUITION AND
 FEES WEBSITE FOR MORE INFORMATION ON FEE. CREDIT FOR.
 CHEM 50 DOES NOT APPLY TOWARD GRADUATION.
 4523010 MTWRF 12:10-1:00 BURKE K
 MEETS: MARCH 9-MAY 8
 Section info: http://avogadro.chem.iastate.edu/chem50/

CHEM LRN CMM ORIENT CHEM 101 1 CREDIT
 Prereq: MEMBER OF THE CHEM LEARNING COMMUNITY
 Satisfactory-Fail Only.
 9234005 T 4:10-5:00 BURNETT J
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem101/

PHYSCL SC FOR EL ED CHEM 102L 3 CREDITS
 Prereq: MATH 195 OR MATH 140
 8675005 1 T 8:00-8:50
 TR 10:00-11:50
 MEETS: JAN 12-MAY 8

8675010 2 T 8:00-8:50
 TR 12:10-2:00
 MEETS: JAN 12-MAY 8

8675015 3 T 8:00-8:50
 TR 2:10-4:00
 MEETS: JAN 12-MAY 8

8675020 4 T 8:00-8:50
 WF 8:00-9:50
 MEETS: JAN 12-MAY 8

8675025 5 T 8:00-8:50
 WF 10:00-11:50
 MEETS: JAN 12-MAY 8

8675030 6 T 8:00-8:50
 WF 12:10-2:00
 MEETS: JAN 12-MAY 8

8675035 7 T 8:00-8:50
 WF 2:10-4:00
 MEETS: JAN 12-MAY 8
 Note: Materials and professional support fee \$90.00

CHEM IN MOD SOCIETY CHEM 160 3 CREDITS
 2488005 TR 11:00-12:15 HOLME T
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem160/

CHEMISTRY (CONTINUED)

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS
 Prereq: 1 YR H.S. ALGEBRA AND GEOMETRY AND
 EITHER CHEM 50 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR
 ENROLLMENT IN 163L
 Note: MUST BE ACCOMPANIED BY CHEM 163L UNLESS STUDENT
 ALREADY HAS CREDIT IN 163L. CREDIT FOR ONLY ONE OF
 THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE
 APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167,
 CHEM 177, CHEM 201. TESTOUT NOT AVAILABLE TO STUDENTS
 ALSO REGISTERED.

2489005 1 MWF 9:00-9:50 BURKE K
 R 8:00-8:50
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489010 2 MWF 9:00-9:50 BURKE K
 R 8:00-8:50
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489015 3 MWF 9:00-9:50 BURKE K
 R 9:00-9:50
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489020 4 MWF 9:00-9:50 BURKE K
 R 9:00-9:50
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489025 5 MWF 9:00-9:50 BURKE K
 R 10:00-10:50
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489030 6 MWF 9:00-9:50 BURKE K
 R 10:00-10:50
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489035 7 MWF 9:00-9:50 BURKE K
 R 11:00-11:50
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489040 8 MWF 9:00-9:50 BURKE K
 R 11:00-11:50
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489045 9 MWF 9:00-9:50 BURKE K
 R 12:10-1:00
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489050 10 MWF 9:00-9:50 BURKE K
 R 12:10-1:00
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489055 11 MWF 9:00-9:50 BURKE K
 R 1:10-2:00
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489060 12 MWF 9:00-9:50 BURKE K
 R 1:10-2:00
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489065 13 MWF 9:00-9:50 BURKE K
 R 2:10-3:00
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489070 14 MWF 9:00-9:50 BURKE K
 R 2:10-3:00
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489075 15 MWF 9:00-9:50 BURKE K
 R 3:10-4:00
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

2489080 16 MWF 9:00-9:50 BURKE K
 R 3:10-4:00
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163/

GENERAL CHEM LAB I CHEM 163L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN CHEM
 163
 Note: MUST BE ACCOMPANIED BY CHEM 163 UNLESS STUDENT
 ALREADY HAS CREDIT IN 163. CREDIT FOR ONLY ONE OF
 THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION:
 CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L

2490005 1 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/

2490010 2 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem163l/

CHEMISTRY

(CONTINUED)

GENERAL CHEM LAB I CHEM 163L 1 CREDIT
 2490015 3 M 3:10-6:00PM PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490020 4 T 9:00-11:50 PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490025 5 T 12:10-3:00 PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490030 6 T 12:10-3:00 PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490035 7 T 3:10-6:00PM PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490040 8 T 3:10-6:00PM PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490045 9 W 12:10-3:00 PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490050 10 W 3:10-6:00PM PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490055 11 W 3:10-6:00PM PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490060 12 R 12:10-3:00 PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490065 13 R 3:10-6:00PM PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490070 14 R 3:10-6:00PM PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490075 15 M 12:10-3:00 PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490080 16 T 9:00-11:50 PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490085 17 W 12:10-3:00 PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490090 18 R 9:00-11:50 PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490095 19 R 9:00-11:50 PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 2490100 20 R 12:10-3:00 PISTOLESI S
 Section info: http://avogadro.chem.iastate.edu
 /chem1631/
 ENGNRS GENERAL CHEM CHEM 167 4 CREDITS
 Prereq: MATH 140 OR HIGH SCHOOL EQUIV AND ONE
 YEAR OF HIGH SCHOOL CHEM OR CHEM 50
 Note: RESTRICTED TO ENGR COLLEGE MAJORS OR OPEN. CREDIT
 FOR ONLY ONE OF THE FOLLOWING COURSES (AND
 ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION:
 CHEM 163, CHEM 167, CHEM 177, CHEM 201. TESTOUT
 NOT AVAILABLE TO STUDENTS ALSO REGISTERED.
 2493005 1 MWF 9:00-9:50 HOUK R
 T 8:00-8:50
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem167/
 2493010 2 MWF 9:00-9:50 HOUK R
 T 9:00-9:50
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem167/
 2493015 3 MWF 9:00-9:50 HOUK R
 T 10:00-10:50
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem167/
 2493020 4 MWF 9:00-9:50 HOUK R
 T 11:00-11:50
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem167/
 2493055 5 MWF 9:00-9:50 HOUK R
 T 12:10-1:00
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu

CHEMISTRY

(CONTINUED)

ENGNRS GENERAL CHEM CHEM 167 4 CREDITS
 /chem167/
 2493030 6 MWF 9:00-9:50 HOUK R
 T 1:10-2:00
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem167/
 2493035 7 MWF 9:00-9:50 HOUK R
 T 2:10-3:00
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem167/
 2493040 8 MWF 9:00-9:50 HOUK R
 T 3:10-4:00
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem167/
 ENGNR GEN CHEM LAB CHEM 167L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 167
 Note: COURSE RESTRICTED TO ENGR COLLEGE & LAS OPEN.
 CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY
 BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L,
 CHEM 177L, CHEM 177N, CHEM 201L.
 2494005 1 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem1671/
 2494010 2 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem1671/
 2494015 3 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem1671/
 2494020 4 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem1671/
 2494025 5 W 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem1671/
 2494030 6 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem1671/
 2494035 7 R 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem1671/
 2494040 8 R 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem1671/
 2494045 9 R 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem1671/
 GENERAL CHEMISTRY I CHEM 177 4 CREDITS
 Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR
 1 YR H.S. CHEM, CR OR ENROLLMENT IN CHEM 177L.
 CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
 Note: CHEM 177 MUST BE ACCOMPANIED BY CHEM 177L UNLESS
 STUDENT ALREADY HAS CREDIT IN 177L. CREDIT FOR ONLY
 ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS)
 MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167,
 CHEM 177, CHEM 201. TESTOUT NOT AVAILABLE TO
 STUDENTS ALSO REGISTERED.
 2495005 1 MWF 12:10-1:00 APPY D
 R 8:00-8:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495010 2 MWF 12:10-1:00 APPY D
 R 8:00-8:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495015 3 MWF 12:10-1:00 APPY D
 R 9:00-9:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495020 4 MWF 12:10-1:00 APPY D
 R 9:00-9:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495025 5 MWF 12:10-1:00 APPY D
 R 10:00-10:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495030 6 MWF 12:10-1:00 APPY D
 R 10:00-10:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495035 7 MWF 12:10-1:00 APPY D
 R 11:00-11:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/

CHEMISTRY (CONTINUED)

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
 2495040 8 MWF 12:10-1:00 APPY D
 R 11:00-11:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495045 9 MWF 12:10-1:00 APPY D
 R 12:10-1:00 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495050 10 MWF 12:10-1:00 APPY D
 R 1:11-2:01 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495055 11 MWF 12:10-1:00 APPY D
 R 1:10-2:00 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495060 12 MWF 12:10-1:00 APPY D
 R 1:10-2:00 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495065 13 MWF 12:10-1:00 APPY D
 R 2:10-3:00 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495070 14 MWF 10:00-10:50 APPY D
 R 8:00-8:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495075 15 MWF 10:00-10:50 APPY D
 R 8:00-8:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495080 16 MWF 10:00-10:50 APPY D
 R 9:00-9:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495085 17 MWF 10:00-10:50 APPY D
 R 10:00-10:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495090 18 MWF 10:00-10:50 APPY D
 R 10:00-10:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495095 19 MWF 10:00-10:50 APPY D
 R 11:00-11:50 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495100 20 MWF 10:00-10:50 APPY D
 R 12:10-1:00 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495105 21 MWF 10:00-10:50 APPY D
 R 12:10-1:00 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495110 22 MWF 10:00-10:50 APPY D
 R 1:10-2:00 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495115 23 MWF 10:00-10:50 APPY D
 R 2:10-3:00 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495120 24 MWF 10:00-10:50 APPY D
 R 3:10-4:00 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/
 2495125 25 MWF 10:00-10:50 APPY D
 R 4:10-5:00 APPY D
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177/

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 177
 Note: CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS
 STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY
 ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD
 GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L,
 CHEM 177N, CHEM 201L.
 2496005 1 M 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496010 2 M 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu

CHEMISTRY (CONTINUED)

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
 /chem177L/
 2496015 3 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496020 4 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496025 5 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496030 6 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496035 7 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496040 8 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496045 9 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496050 10 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496055 11 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496060 12 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496065 13 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496070 14 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496075 15 W 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496080 16 W 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496085 17 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496090 18 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496095 19 R 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496100 20 R 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496105 21 R 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496110 22 R 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496115 23 R 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496120 24 R 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496125 25 W 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496126 26 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496127 27 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/
 2496128 28 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem177L/

CHEMISTRY

(CONTINUED)

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
 2496129 29 W 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>

2496130 30 W 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 Prereq: CHEM 177, CHEM 177L
 Note: TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

2499005 1 MW 1:10-2:00 SCHEWE-MILLER I
 F 8:00-8:50 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499010 2 MW 1:10-2:00 SCHEWE-MILLER I
 F 8:00-8:50 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499015 3 MW 1:10-2:00 SCHEWE-MILLER I
 F 9:00-9:50 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499020 4 MW 1:10-2:00 SCHEWE-MILLER I
 F 9:00-9:50 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499025 5 MW 1:10-2:00 SCHEWE-MILLER I
 F 10:00-10:50 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499030 6 MW 1:10-2:00 SCHEWE-MILLER I
 F 10:00-10:50 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499035 7 MW 1:10-2:00 SCHEWE-MILLER I
 F 10:00-10:50 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499040 8 MW 1:10-2:00 SCHEWE-MILLER I
 F 11:00-11:50 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499045 9 MW 1:10-2:00 SCHEWE-MILLER I
 F 11:00-11:50 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499050 10 MW 1:10-2:00 SCHEWE-MILLER I
 F 1:10-2:00 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499055 11 MW 1:10-2:00 SCHEWE-MILLER I
 F 2:10-3:00 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499060 12 MW 1:10-2:00 SCHEWE-MILLER I
 F 2:10-3:00 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499065 13 MW 1:10-2:00 SCHEWE-MILLER I
 F 3:10-4:00 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499070 14 MW 3:10-4:00 GREENBOWE T
 F 8:00-8:50 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499075 15 MW 3:10-4:00 GREENBOWE T
 F 8:00-8:50 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499080 16 MW 3:10-4:00 GREENBOWE T
 F 9:00-9:50 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499085 17 MW 3:10-4:00 GREENBOWE T
 F 9:00-9:50 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499090 18 MW 3:10-4:00 GREENBOWE T
 F 10:00-10:50 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

CHEMISTRY

(CONTINUED)

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 2499095 19 MW 3:10-4:00 GREENBOWE T
 F 11:00-11:50 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499100 20 MW 3:10-4:00 GREENBOWE T
 F 12:10-1:00 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499105 21 MW 3:10-4:00 GREENBOWE T
 F 12:10-1:00 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499110 22 MW 3:10-4:00 GREENBOWE T
 F 1:10-2:00 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499115 23 MW 3:10-4:00 GREENBOWE T
 F 1:10-2:00 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499120 24 MW 3:10-4:00 GREENBOWE T
 F 2:10-3:00 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499125 25 MW 3:10-4:00 GREENBOWE T
 F 2:10-3:00 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499130 26 MW 3:10-4:00 GREENBOWE T
 F 3:10-4:00 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499135 27 MW 3:10-4:00 GREENBOWE T
 F 3:10-4:00 GREENBOWE T
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499140 28 TR 11:00-11:50 MEYER G
 F 8:00-8:50 MEYER G
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499145 29 TR 11:00-11:50 MEYER G
 F 8:00-8:50 MEYER G
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499150 30 TR 11:00-11:50 MEYER G
 F 9:00-9:50 MEYER G
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499155 31 TR 11:00-11:50 MEYER G
 F 9:00-9:50 MEYER G
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499160 32 TR 11:00-11:50 MEYER G
 F 10:00-10:50 MEYER G
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499165 33 TR 11:00-11:50 MEYER G
 F 10:00-10:50 MEYER G
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499170 34 TR 11:00-11:50 MEYER G
 F 11:00-11:50 MEYER G
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499175 35 TR 11:00-11:50 MEYER G
 F 12:10-1:00 MEYER G
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499180 36 TR 11:00-11:50 MEYER G
 F 12:10-1:00 MEYER G
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499185 37 TR 11:00-11:50 MEYER G
 F 1:10-2:00 MEYER G
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499190 38 TR 11:00-11:50 MEYER G
 F 1:10-2:00 MEYER G
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

2499195 39 TR 11:00-11:50 MEYER G
 F 2:10-3:00 MEYER G
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

CHEMISTRY

(CONTINUED)

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 2499200 40 TR 11:00-11:50 MEYER G
 F 3:10-4:00 MEYER G
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178/

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
 Prereq: CHEM 177L AND CREDIT OR ENROLLMENT
 IN CHEM 178
 Note: MUST BE ACCOMPANIED BY OR HAVE CREDIT IN 178.
 2500005 1 M 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500010 2 M 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500015 3 M 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500020 4 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500025 5 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500030 6 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500035 7 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Note: SECTION 7 RESTRICTED TO HONORS STUDENTS ONLY
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500040 8 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500045 9 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500050 10 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500055 11 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500060 12 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500065 13 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500070 14 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500075 15 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500080 16 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500085 17 W 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500090 18 W 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500095 19 W 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500100 20 W 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500105 21 W 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500110 22 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500115 23 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500120 24 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8

CHEMISTRY

(CONTINUED)

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500125 25 R 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500130 26 R 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500135 27 R 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500140 28 R 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500145 29 R 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500150 30 R 12:10-3:00 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500155 31 R 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500160 32 R 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500165 33 R 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500170 34 M 6:10-9:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500175 35 M 6:10-9:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500180 36 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500185 37 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500190 38 W 9:00-11:50 PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500195 39 M 6:10-9:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500200 40 T 6:10-9:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

2500205 41 T 6:10-9:00PM PISTOLESI S
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem178l/

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 SMITH E
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem211/

QNT&ENVIR ANALY LAB CHEM 211L 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 211
 3678005 1 MW 12:10-3:00 SMITH E
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem211l/

3678010 2 MW 3:10-6:00PM SMITH E
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem211l/

3678015 3 TR 9:00-11:50 SMITH E
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem211l/

3678020 4 TR 12:10-3:00 SMITH E
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem211l/

3678025 5 TR 3:10-6:00PM SMITH E
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu
 /chem211l/

CHEMISTRY (CONTINUED)

ELEM ORGANIC CHEM CHEM 231 3 CREDITS
 Prereq: 163,163L, OR 177,177L; CR OR ENR IN 231L
 Note: CREDIT FOR EITHER CHEM 231 OR BBMB 221, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER CHEM 231 (AND 231L) OR CHEM 331 (AND 331L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2504005 MWF 11:00-11:50 KINGSTON J
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem231/>

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 231; 163L OR 177L
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 333L
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

7900005 1 M 8:00-8:50 KINGSTON J
 M 9:00-10:50
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem231/>

7900010 2 M 12:10-1:00 KINGSTON J
 M 1:10-3:00
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem231/>

7900015 3 M 3:10-4:00 KINGSTON J
 M 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem231/>

7900020 4 M 6:10-9:00PM KINGSTON J
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem231/>

7900025 5 T 9:00-9:50 KINGSTON J
 T 10:00-11:50
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem231/>

7900030 6 T 12:10-1:00 KINGSTON J
 T 1:10-3:00
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem231/>

7900035 7 T 3:10-4:00 KINGSTON J
 T 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem231/>

7900040 8 W 8:00-8:50 KINGSTON J
 W 9:00-10:50
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem231/>

7900045 9 T 6:10-9:00PM KINGSTON J
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem231/>

7900050 10 T 6:10-9:00PM KINGSTON J
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem231/>

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 MW 11:00-11:50 BONACCORSI C
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem301/>

PHYSICAL CHEM LAB CHEM 321L 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 324 OR 325
 Note: THE WF 2 RECITATION MEETS THE FIRST FIVE WEEKS ONLY. CREDIT FOR EITHER CHEM 321L OR CHEM 322L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

2511005 1 WF 2:10-3:00 PETRICH J
 TR 9:00-11:50
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem321l/>

2511010 2 WF 2:10-3:00 PETRICH J
 TR 12:10-3:00
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem321l/>

2511015 3 WF 2:10-3:00 PETRICH J
 TR 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem321l/>

2511020 4 WF 2:10-3:00 PETRICH J
 MW 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem321l/>

CHEMISTRY (CONTINUED)

PHYSICAL CHEM LAB CHEM 321L 2 CREDITS
[/chem321l/](http://chem321l/)

PHYSICAL CHEM LAB CHEM 322L 3 CREDITS
 Prereq: CHEM 324 OR CHEM 325
 Note: THE WF 2 RECITATION MEETS THE FIRST FIVE WEEKS ONLY. CREDIT FOR EITHER CHEM 321L OR CHEM 322L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

2515005 1 WF 2:10-3:00 PETRICH J
 TR 9:00-11:50
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>

2515010 2 WF 2:10-3:00 PETRICH J
 TR 12:10-3:00
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>

2515015 3 WF 2:10-3:00 PETRICH J
 TR 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>

2515020 4 WF 2:10-3:00 PETRICH J
 MW 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>

INTR QUANTUM MECHAN CHEM 324 3 CREDITS

Prereq: CHEM 178, MATH 166. PHYS 222 RECOMMENDED.
 5202005 MWF 9:00-9:50 THIEL P
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem324/>

5202010 B MWF 10:00-10:50 PETRICH J
 MEETS: JAN 12-MAY 8

CHEMICAL THERMODYNAM CHEM 325 3 CREDITS

Prereq: CHEM 178, MATH 166. PHYS 222 RECOMMENDED.
 5224005 1 MWF 9:00-9:50 BURNETT J
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RECOMMENDED FOR CHEMICAL ENGINEERING MAJORS
 Section info: <http://avogadro.chem.iastate.edu/chem325/>

5224010 2 MWF 9:00-9:50 HUANG W
 MEETS: JAN 12-MAY 8

Note: SEC 2 FOR STUDENTS WHO HAVE TAKEN CHEM 324. SEC 2 RECOMMENDED FOR CHEMISTRY & BIOCHEMISTRY MAJORS.

Section info: <http://avogadro.chem.iastate.edu/chem325/>

5224015 3 MWF 10:00-10:50 YU E
 MEETS: JAN 12-MAY 8

Note: SEC 3 RESTRICTED TO CHEM AND BIOCH MAJORS ONLY WHO HAVE TAKEN FOR CHEM 324

Section info: <http://avogadro.chem.iastate.edu/chem325/>

5224020 4 MWF 12:10-1:00 BURNETT J
 MEETS: JAN 12-MAY 8

Note: SEC 4 RECOMMENDED FOR CHEM MAJORS

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 KINGSTON J
 MEETS: JAN 12-MAY 8

Section info: <http://avogadro.chem.iastate.edu/chem331/>

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 12:10-3:00 KINGSTON J
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem331l/>

5270010 2 M 3:10-6:00PM KINGSTON J
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem331l/>

5270015 3 W 3:10-6:00PM KINGSTON J
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem331l/>

5270020 4 R 9:00-11:50 KINGSTON J
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem331l/>

5270025 5 R 12:10-3:00 KINGSTON J
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem331l/>

5270030 6 R 3:10-6:00PM KINGSTON J
 MEETS: JAN 12-MAY 8

CHEMISTRY (CONTINUED)

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
 Section info: <http://avogadro.chem.iastate.edu/chem331/>
 5270035 7 M 6:10-9:00PM KINGSTON J
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem331/>
 5270040 8 M 9:00-11:50 KINGSTON J
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem331/>
 5270045 9 W 12:10-3:00 KINGSTON J
 MEETS: JAN 12-MAY 8

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 JENKS W
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332/>
 2517010 2 TR 2:10-3:30 STANLEY L
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332/>
 2517015 3 MWF 10:00-10:50 STANLEY L
 MEETS: JAN 12-MAY 8
 Note: SECTION 3 FOR CHEM, AGBIO, BIOCH, CH E MAJORS AND OTHER STUDENTS WHO ARE PREPARED FOR A MORE FOCUSED PRESENTATION
 Section info: <http://avogadro.chem.iastate.edu/chem332/>

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
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 5272005 1 T 9:00-11:50 WINTER A
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>
 Syllabus: <http://chem332l/>
 5272010 2 T 3:40-6:30PM WINTER A
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>
 5272015 3 W 9:00-11:50 WINTER A
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>
 5272020 4 W 12:10-3:00 WINTER A
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>
 5272025 5 W 3:10-6:00PM WINTER A
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>
 5272030 6 R 9:00-11:50 WINTER A
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>
 5272035 7 R 12:10-3:00 WINTER A
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>
 5272040 8 R 3:40-6:30PM WINTER A
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>
 5272045 9 T 12:10-3:00 WINTER A
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>

LAB ORGANIC CHEM II CHEM 334L 2 CREDITS
 Prereq: 333L, CR OR ENROLLMENT FOR CREDIT IN 332
 Note: CREDIT FOR EITHER CHEM 332L OR CHEM 334L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 COURSE RESTRICTED TO AGBIO, BIOPH, BIOCH, CHEM MAJORS ONLY.
 5645005 1 MW 12:10-3:00 STANLEY L
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332/>
 5645010 2 MW 3:10-6:00PM STANLEY L
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332/>
 5645015 3 TR 3:40-6:30PM STANLEY L
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem332/>

CHEMISTRY (CONTINUED)

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 301, CHEM 402
 2524005 1 T 9:00-11:50 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$90.00
 2524010 2 T 12:10-3:00 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$90.00
 2524015 3 R 9:00-11:50 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$90.00
 2524020 4 R 12:10-3:00 SCHEWE-MILLER I
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$90.00

INDEPENDENT STUDY CHEM 490 VAR. CREDITS
 Prereq: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION
 Note: NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR RESEARCH CHEM 499 2- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK; B AVG IN ALL CHEMISTRY, PHYSICS, AND MATHEMATICS COURSES
 Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

PHYSICAL INORGANIC CHEM 505 3 CREDITS
 Prereq: 402 OR 502, 324
 2532005 MWF 11:00-11:50 SADOW A
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem505/>

ANALYTIC SEPARATION CHEM 516 3 CREDITS
 Prereq: 316, 316L, 324, 322L
 2539005 MWF 8:00-8:50 FANG N
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem516/>

ORGANIC SYNTHESIS I CHEM 531 2 CREDITS
 Prereq: 332
 9267005 TR 10:00-10:50 CHEN J
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem531/>

PHYS ORGANC CHEM II CHEM 538 3 CREDITS
 Prereq: 537
 2543005 TR 12:40-2:00 WINTER A
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem538/>

SAFETY IN CHEM LAB CHEM 550 1 CREDIT
 Prereq: 332L
 Satisfactory-Fail Only.
 4295005 TR 8:00-8:50 VELA-BECERRA J
 MEETS: JAN 12-MARCH 6
 Section info: <http://avogadro.chem.iastate.edu/chem550/>

TEACHI COLLEGE CHEM CHEM 555 2 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 2546005 TR 2:10-3:00
 MEETS: JAN 12-MAY 8

ATOMIC&MOLEC Q MECH CHEM 562 3 CREDITS
 Prereq: 561, CREDIT OR ENROLLMENT IN 583
 2549005 M 12:10-1:30 GORDON M
 W 12:10-1:30
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem562/>

STATISTCL MECHANICS CHEM 563 3 CREDITS
 Prereq: 325
 2550005 MW 1:40-3:00 SONG X
 MEETS: JAN 12-MAY 8
 Section info: <http://avogadro.chem.iastate.edu/chem563/>

MOLEC SPECTRO&STRUC CHEM 564 3 CREDITS
 Prereq: 505 OR 562
 2551005 MWF 8:00-8:50 VENDITTI V
 MEETS: JAN 12-MAY 8

CHEMISTRY (CONTINUED)

SOLID-STATE CHEM CHEM 571 2 CREDITS
 Prereq: 301,324
 2554005 MW 1:40-2:30 MILLER G
 MEETS: JAN 12-MAY 8

ORGANOMETALLIC CHEM CHEM 574 2 CREDITS
 Prereq: 301,332
 2557005 TR 11:00-11:50 WOO L
 MEETS: JAN 12-MAY 8

MASS SPECTROMETRY CHEM 577 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2560005 TR 9:30-10:50 LEE Y
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu /chem577/

CHEMICAL GROUP THRY CHEM 583 1 CREDIT
 Prereq: 324
 5657005 TR 1:10-2:00 MILLER G
 MEETS: JAN 12-MARCH 6

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 W 4:10-5:30 VELA-BECERRA J
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu /chem600/

SEMINR ANALYTIC CHEM CHEM 611 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2565005 F 2:30-4:00 WINDUS T
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu /chem611/

SEMINR ORGANIC CHEM CHEM 631 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2566005 F 1:10-2:30 JEFFRIES-EL M
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu /chem631/

SEMINR PHYSICAL CHEM CHEM 660 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2568005 F 4:10-5:30 SMITH E
 MEETS: JAN 12-MAY 8
 Section info: http://avogadro.chem.iastate.edu /chem660/

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

CHINESE

ELEM MANDRN CHIN II CHIN 102 5 CREDITS
 Prereq: 101
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 Meets international perspectives reqmt
 7374005 1 MTWRF 10:00-10:50
 MEETS: JAN 12-MAY 8
 7374010 2 MTWRF 11:00-11:50
 MEETS: JAN 12-MAY 8
 7374015 3 MTWRF 3:10-4:00
 MEETS: JAN 12-MAY 8

INTM MAND CHINES II CHIN 202 5 CREDITS
 Prereq: 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
 Meets international perspectives reqmt
 7768005 1 MTWRF 9:00-9:50
 MEETS: JAN 12-MAY 8

INTRO CHINES CULTUR CHIN 272 3 CREDITS
 Note: Meets international perspectives reqmt
 8252005 1 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

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 12-MAY 8

CHINESE FOR BUSINES CHIN 304 4 CREDITS
 Prereq: CHIN 202 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 7444005 1 TR 3:10-4:30
 MEETS: JAN 12-MAY 8

CHINESE (CONTINUED)

CHINESE LIT IN ENGL CHIN 370 3 CREDITS
 Prereq: ENGL 104 OR ENGL 150 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 8179005 1 MW 12:10-2:00
 MEETS: JAN 12-MAY 8

CHINA TODAY CHIN 375 3- 4 CREDITS
 Prereq: ENGL 250 OR ENGL 105 OR EQUIVALENT
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2013.
 TOPIC: CONTEMPORARY CHINESE POPULAR CULTURE.
 Meets international perspectives reqmt
 5347005 MW 3:10-4:30
 MEETS: JAN 12-MAY 8

SEM CHIN:TOPICS PRO CHIN 403B 3 CREDITS
 Prereq: CHIN 302 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 4533005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

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

CIVIL ENGINEERING

INTRO CIVIL ENG PRO C E 105 1 CREDIT
 4906005 W 3:10-4:00
 MEETS: JAN 12-MAY 8

FUND OF SURVEYING I C E 111 3 CREDITS
 Prereq: 160, CR OR ENR IN ENGR 170 OR C E 170,
 MATH 165, CREDIT OR ENR IN C E 105 FOR C E MAJORS
 Note: COURSE RESTRICTED TO C E AND CON E MAJORS ONLY.
 7242005 1 MF 2:10-3:00
 T 8:00-10:50
 MEETS: JAN 12-MAY 8
 7242010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 12-MAY 8
 7242015 3 MF 2:10-3:00
 W 12:10-3:00
 MEETS: JAN 12-MAY 8
 7242020 4 MF 2:10-3:00
 R 2:10-5:00
 MEETS: JAN 12-MAY 8
 7242025 5 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 12-MAY 8

CIVIL ENGR LRN COMM C E 120 R CREDIT
 Satisfactory-Fail Only.
 8518005 1 WF 3:10-4:00
 MEETS: JAN 12-MAY 8

ENGR PROB CMPUT LAB C E 160 3 CREDITS
 Prereq: MATH 141, MATH 142/MATH 145X OR
 SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT
 OR ENROLLMENT IN MATH 165
 Note: COURSE RESTRICTED TO C E & CON E MAJORS ONLY.
 CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE
 APPLIED TOWARD GRADUATION: I E 148, C E 160, M E 160,
 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 12-MAY 8
 2911010 2 TR 3:10-5:00
 MEETS: JAN 12-MAY 8
 2911015 3 TR 8:00-9:50
 MEETS: JAN 12-MAY 8

CIVIL ENGR GRAPHICS C E 170 2 CREDITS
 Prereq: MATH 165, CREDIT OR ENROLLMENT IN C E 105
 Note: COURSE RESTRICTED TO C E & CON E MAJORS
 ONLY.
 3515005 1 TR 8:00-9:50
 MEETS: JAN 12-MAY 8
 3515010 2 TR 12:10-2:00
 MEETS: JAN 12-MAY 8
 3515015 3 MW 12:10-2:00
 MEETS: JAN 12-MAY 8
 3515020 4 MW 3:10-5:00
 MEETS: JAN 12-MAY 8

ECON ANALY&PRO ISSU C E 206 3 CREDITS
 Prereq: MATH 166, ENGL 250, C E 105.
 ECON 101 RECOMMENDED.
 1915005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUC C E 298 R CREDIT
 Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING

(CONTINUED)

PROJECT MANAGMNT CE C E 306 3 CREDITS
 Prereq: 206, CREDIT OR ENROLLMENT IN A TECHNICAL COMMUNICATION ELECTIVE FROM THE APPROVED DEPT LIST
 4943005 1 MW 3:10-4:00
 R 8:00-10:50
 MEETS: JAN 12-MAY 8
 4943010 2 MW 3:10-4:00
 T 8:00-10:50
 MEETS: JAN 12-MAY 8
 4943015 3 MW 3:10-4:00
 T 8:00-10:50
 MEETS: JAN 12-MAY 8
 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
 2284005 1 MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 12-MAY 8
 Section info: <http://www.public.iastate.edu/~tge/courses/ce326/homepage.html>
 2284010 2 MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 12-MAY 8
 Section info: <http://www.public.iastate.edu/~tge/courses/ce326/homepage.html>
 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>.
 2285005 1 MWF 1:10-2:00
 W 2:10-3:00
 MEETS: JAN 12-MAY 8
 2285010 2 MWF 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 12-MAY 8
 2285015 3 MWF 1:10-2:00
 W 9:00-9:50
 MEETS: JAN 12-MAY 8
 2285020 4 MWF 1:10-2:00
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 STRUCT STEEL DSGN I C E 333 3 CREDITS
 Prereq: 332, E M 327
 2286005 1 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 12-MAY 8
 2286010 2 MWF 8:00-8:50
 R 9:00-9:50
 MEETS: JAN 12-MAY 8
 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>.
 2287005 1 MWF 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 2287010 2 MWF 1:10-2:00
 M 12:10-1:00
 MEETS: JAN 12-MAY 8
 PRIN TRANSPORTN ENG C E 355 3 CREDITS
 Prereq: 111, 206, PHYS 221, COURSE IN STAT FROM THE APPROVED DEPARTMENTAL LIST
 Note: COURSE RESTRICTED TO C E JUNIORS AND SENIORS ONLY
 2924005 1 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 12-MAY 8
 GEOTECHNICAL ENGRNG 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>.
 2291005 1 MF 12:10-1:00
 T 8:00-10:50
 MEETS: JAN 12-MAY 8
 2291010 2 MF 12:10-1:00
 T 12:10-3:00
 MEETS: JAN 12-MAY 8
 2291015 3 MF 12:10-1:00
 R 8:00-10:50
 MEETS: JAN 12-MAY 8
 2291020 4 MF 12:10-1:00
 R 12:10-3:00
 MEETS: JAN 12-MAY 8
 2291025 5 MF 12:10-1:00
 R 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 2291030 6 MF 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8

CIVIL ENGINEERING

(CONTINUED)

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 12-MAY 8
 DESIGN OF CONCRETES C E 382 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 360
 2294005 1 MF 2:10-3:00
 T 8:00-10:50
 MEETS: JAN 12-MAY 8
 2294010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 12-MAY 8
 2294015 3 MF 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 12-MAY 8
 2294020 4 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 12-MAY 8
 2294025 5 MF 2:10-3:00
 W 2:10-5:00
 MEETS: JAN 12-MAY 8
 DSGN PORTLAND CEMNT C E 383 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 360.
 FOR CON E STUDENTS ONLY.
 9480005 1 R 3:10-5:00
 MEETS: JAN 12-MAY 8
 9480010 2 T 3:10-5:00
 MEETS: JAN 12-MAY 8
 ENGINEER INTERNSHIP C E 397 R CREDIT
 Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 COOPERATIVE EDUC C E 398 R CREDIT
 Prereq: 298, PERMISSION OF DEPARTMENT AND ENGR CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 PROG&OUTCOME ASSESS C E 403 R CREDIT
 Prereq: VERIFICATION OF UNDERGRAD APPLICATION FOR GRADUATION BY THE END OF THE FIRST WEEK OF CLASS, INSTR PERMISSION FOR STUDENTS GRADUATING SUMMER.
 Note: COURSE RESTRICTED TO STUDENTS GRADUATING SPRING 2015 OR SUMMER 2015
 Satisfactory-Fail Only.
 7351005 1 M 5:10-6:00PM
 MEETS: MARCH 9-MAY 8
 LAND SURVEYING C E 417 3 CREDITS
 Prereq: 111
 7565005 1 MF 10:00-10:50
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 7565010 2 MF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 12-MAY 8
 AIR POLLUT AIR QUAL C E 424A 1 CREDIT
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1424005 1 TR 9:30-10:50
 MEETS: JAN 15-FEB 12
 AIR POLLUT &CLIMATE C E 424B 1 CREDIT
 Prereq: 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1432005 1 TR 9:30-10:50
 MEETS: FEB 17-MARCH 26
 AIR POLLU&TRANSPRTN C E 424C 1 CREDIT
 Prereq: 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1456005 1 TR 9:30-10:50
 MEETS: MARCH 31-APRIL 30
 AIR POLLUT TREATMNT C E 424D 1 CREDIT
 Prereq: 424B, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1457005 1 TR 9:30-10:50
 MEETS: MARCH 31-APRIL 30
 AIR POLLUT AG SOURC C E 424E 1 CREDIT
 Prereq: 424B, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
 1461005 1 TR 9:30-10:50
 MEETS: MARCH 31-APRIL 30

CIVIL ENGINEERING (CONTINUED)

CIVIL ENGINEERING (CONTINUED)

WASTEWTR TREATM DSN C E 428 3 CREDITS
 Prereq: 326
 6106005 1 MWF 8:00-8:50
 ARRANGED
 MEETS: JAN 12-MAY 8

BRIDGE DESIGN C E 446 3 CREDITS
 Prereq: 333, 334
 2300005 1 MW 3:10-5:00
 MEETS: JAN 12-MAY 8

HIGHWAY DESIGN C E 453 3 CREDITS
 Prereq: 306, 355, 372, 382
 Note: RESTRICTED TO STUDENTS GRADUATING SPRING 2015
 OR SUMMER 2015
 2302015 3 M 3:10-5:00
 R 2:10-4:00
 MEETS: JAN 12-MAY 8
 2302020 4 M 3:10-5:00
 R 4:10-6:00PM
 MEETS: JAN 12-MAY 8

FOUNDATION ENGINEER C E 460 3 CREDITS
 Prereq: 360
 2303005 1 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

GEOMATERIAL STABLIZ C E 467 3 CREDITS
 Prereq: C E 360 OR C E 382 OR C E 383
 9166005 1 ARRANGED
 MEETS: JAN 12-MAY 8

PAVEMENT ANLYS&DSGN C E 483 3 CREDITS
 Prereq: 382, 360
 7748005 1 M 6:10-9:00PM
 MEETS: JAN 12-MAY 8

CIVIL ENGINR DESIGN C E 485 3 CREDITS
 Prereq: C E 306, C E 326, C E 333 OR C E 334, C E
 355, 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
 '15 OR SUMMER '15.
 2131005 1 MF 12:10-1:00
 T 11:00-1:00
 MEETS: JAN 12-MAY 8
 2131010 2 MF 12:10-1:00
 T 3:10-5:00
 MEETS: JAN 12-MAY 8
 2131015 3 MF 12:10-1:00
 R 11:00-1:00
 MEETS: JAN 12-MAY 8

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 UNIVERSITY HONORS STUDENTS
 ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

CONSTR ENGR&MANAGMT C E 502 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CON E 421
 8715005 1 M 5:10-8:00PM
 MEETS: JAN 12-MAY 8

DESIGN CONSTRUC SYS C E 505 3 CREDITS
 Prereq: 334, 360, CON E 322 AND 340
 1947005 1 T 5:10-8:00PM
 MEETS: JAN 12-MAY 8

WTR POLL CNTRL PROC C E 522 3 CREDITS
 Prereq: 521
 2320005 1 ARRANGED
 MEETS: JAN 12-MAY 8

PHY-CHEM TREAT PROC C E 523 3 CREDITS
 Prereq: 520
 2321005 M 12:10-1:00
 F 12:10-2:00
 MEETS: JAN 12-MAY 8

AIR POLLUT AIR QUAL C E 524A 1 CREDIT
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CR
 IN STAT; SENIOR OR ABOVE CLASSIFICATION
 8097005 1 TR 9:30-10:50
 MEETS: JAN 15-FEB 12

AIR POLLUT &CLIMATE C E 524B 1 CREDIT
 Prereq: C E 524A; PHYS 221 OR CHEM 178;
 MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE
 CLASSIFICATION
 1964005 1 TR 9:30-10:50
 MEETS: FEB 17-MARCH 26

AIR POLLU&TRANSPRTN C E 524C 1 CREDIT
 Prereq: 524A; PHYS 221 OR CHEM 178; MATH 166 OR
 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2275005 1 TR 9:30-10:50
 MEETS: MARCH 31-APRIL 30

AIR POLLUT TREATMNT C E 524D 1 CREDIT
 Prereq: C E 524B; PHYS 221 OR CHEM 178; MATH 166
 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2558005 1 TR 9:30-10:50
 MEETS: MARCH 31-APRIL 30

AIR POLLUT AG SOURC C E 524E 1 CREDIT
 Prereq: C E 524B; PHYS 221 OR CHEM 178; MATH 166
 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2676005 1 TR 9:30-10:50
 MEETS: MARCH 31-APRIL 30

PRESTRESS CONCR STR C E 535 3 CREDITS
 Prereq: 334
 2328005 1 TR 1:10-2:25
 MEETS: JAN 12-MAY 8

STRUC ANLY FIN ELEM C E 542 3 CREDITS
 Prereq: 532
 2324005 1 MW 10:00-11:50
 MEETS: JAN 12-MAY 8

BRIDGE DESIGN C E 546 3 CREDITS
 Prereq: 333, 334
 1934005 1 MW 3:10-5:00
 MEETS: JAN 12-MAY 8

NUM MTHD&GEOTCH DSN C E 564 3 CREDITS
 Prereq: 560
 2342005 ARRANGED
 MEETS: JAN 12-MAY 8

FUND GEOMATLS BEHAV C E 565 3 CREDITS
 Prereq: 382
 2351005 1 ARRANGED
 MEETS: JAN 12-MAY 8

GEOMATERIAL STABLIZ C E 567 3 CREDITS
 Prereq: 360, 565
 1945005 1 ARRANGED
 MEETS: JAN 12-MAY 8

SURFC WTR HYDROLOGY C E 571 3 CREDITS
 Prereq: 372
 2343005 1 ARRANGED
 MEETS: JAN 12-MAY 8

ENVIRONMENTAL FLOWS C E 576 3 CREDITS
 Prereq: E M 378 OR EQUIVALENT
 5109010 2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

PAVEMENT ANLYS&DSGN C E 583 3 CREDITS
 Prereq: 382, 360
 7772005 1 M 6:10-9:00PM
 MEETS: JAN 12-MAY 8

APP PORTL CEM CONCR C E 587 3 CREDITS
 Prereq: 382 OR 383
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2015.
 2171005 1 ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

SPL TP BLD INFO MOD C E 594S 1- 3 CREDITS
 Prereq: CON E 322, CON E 340 OR C E 306, AND
 PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2015
 5200005 1 W 5:10-8:00PM
 MEETS: JAN 12-MAY 8

RSRCH MTDS SEM:QUAL C E 595A 1 CREDIT
 Prereq: CREDIT OR ENRLMT IN 501, 502, 503, OR 505
 4616005 1 M 2:10-4:00
 MEETS: JAN 12-MAY 8

CIVIL ENGINEERING (CONTINUED)

CREATIVE COMPONENT C E 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS C E 690 1- 3 CREDITS
 Prereq: PRE-ENROLLMENT CONTRACT REQUIRED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP C E 697 R CREDIT
 Prereq: PERMISSION OF COOP ADVISER, GRAD CLASSIF
 Note: Department permission required.
 Satisfactory-Fail Only.
 7416005 1 ARRANGED
 MEETS: JAN 12-MAY 8

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 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$25.00

HERITG ANCIENT WRLD CL ST 304 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 7113005 TR 11:00-12:20 HOLLANDER D
 MEETS: JAN 12-MAY 8

RHETORICAL TRADITNS CL ST 350 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 2176005 A1 TR 12:40-2:00 GOODWIN J
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM
 MAJORS ONLY
 2176010 A2 TR 12:40-2:00 GOODWIN J
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM

GREEK&ROM TRAG&CMDY CL ST 372 3 CREDITS
 Prereq: 273 OR 275 OR ONE COURSE IN LATIN OR
 GREEK OR ENGL 250
 Note: Meets international perspectives reqmt
 2587005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

HERO GREECE, RM, TDAY CL ST 373 3 CREDITS
 Prereq: CL ST 273 OR CL ST 275 OR ONE COURSE
 IN LATIN OR GREEK OR ENGL 250
 Note: Meets international perspectives reqmt
 8792005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

WM&MEN ANC MEDITRNN CL ST 374 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN, OR
 GREEK
 Note: Meets international perspectives reqmt
 8164005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

ROMN ARCHAE TO400CE CL ST 376C 3 CREDITS
 Note: Meets international perspectives reqmt
 9725005 1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

INTR ARCHAEOL GREEC CL ST 394 2 CREDITS
 Note: Meets international perspectives reqmt
 5095005 M 3:10-5:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

ROMAN CIVILIZATION CL ST 403 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 2590005 TR 2:10-3:30 HOLLANDER D
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY CL ST 490 1- 6 CREDITS
 Prereq: 7 CR IN CL ST AT 200 LEVEL OR HIGHER;
 PERMISSION OF THE PROGRAM CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNICATION DISORDERS

INTRO COMM DISORDER CMDIS 275 3 CREDITS
 2611005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

PHONETICS&PHONOLOGY CMDIS 371 3 CREDITS
 Prereq: ENGL 219
 2610005 TR 3:40-5:00
 MEETS: JAN 12-MAY 8

2610600 XW ARRANGED VENKATAGIRI H
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

COMMUNICATION DISORDERS (CONTINUED)

TOP DIAG CMM DISORD CMDIS 480C 3 CREDITS
 Prereq: CMDIS 275 OR LING 275; CMDIS 371
 OR LING 371; BIOL 255; PERMISSION OF INSTRUCTOR
 9326600 XW ARRANGED VENKATAGIRI H
 MEETS: JAN 12-MAY 8
 Note: TO REGISTER FOR THIS SECTION, PLEASE CONTACT THE
 INSTRUCTOR AT GIRI@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW

COMMUNICATION STUDIES

INTRO COMMUNIC STDI COMST 101 3 CREDITS
 7918005 1 MWF 11:00-11:50 BLANKENSHIP K
 MEETS: JAN 12-MAY 8

INTRO INTERPRS COMM COMST 102 3 CREDITS
 Note: SEC 1A,2A RESTRICTED TO COMST MAJORS ONLY.
 SEC 1B,2B,3B FOR MAJORS OTHER THAN COMST
 8105005 1A TR 9:30-10:50 REDMOND M
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 8105010 1B TR 9:30-10:50 REDMOND M
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 8105015 2A MWF 10:00-10:50 EGDORF D
 MEETS: JAN 12-MAY 8
 8105020 2B MWF 10:00-10:50 EGDORF D
 MEETS: JAN 12-MAY 8
 8105030 3B MWF 8:00-8:50 EGDORF D
 MEETS: JAN 12-MAY 8

INTRO COM RSRCH MTD COMST 203 3 CREDITS
 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 COSTABILE K
 MEETS: JAN 12-MAY 8
 5123010 2 TR 11:00-12:30 COSTABILE K
 MEETS: JAN 12-MAY 8

PROFESSNAL COMMUNIC COMST 214 3 CREDITS
 9183005 1 TR 9:30-10:50 RUBLE R
 MEETS: JAN 12-MAY 8
 9183600 XW ARRANGED HARMS J
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

CONFLICT MANAGEMENT COMST 218 3 CREDITS
 7314005 TR 11:00-12:30 SCHARP K
 MEETS: JAN 12-MAY 8

HUMAN COMMUNIC THRY COMST 301 3 CREDITS
 Prereq: COMST 101
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 6593005 1 TR 2:10-3:25 VRCHOTA D
 MEETS: JAN 12-MAY 8
 6593010 2 TR 12:40-2:00 REDMOND M
 MEETS: JAN 12-MAY 8

INTERCULTURAL COMM COMST 310 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST
 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 Meets international perspectives reqmt
 7934005 TR 3:40-5:00 JENKS T
 MEETS: JAN 12-MAY 8

STDI INTRPRSNL COMM COMST 311 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST
 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY.
 6428005 1 TR 8:00-9:20 SCHARP K
 MEETS: JAN 12-MAY 8
 6428010 2 M 3:10-6:00PM COFFELT T
 MEETS: JAN 12-MAY 8

ORGANIZATIONAL COMM COMST 314 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST
 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 6431005 1 TR 9:30-10:50 TYE-WILLIAMS S
 MEETS: JAN 12-MAY 8

SMALL GROUP COMM COMST 317 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST
 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 6433005 1 TR 3:40-5:00 WINFREY K
 MEETS: JAN 12-MAY 8

COMM TRAINING&DEVEL COMST 319 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST
 301
 2362005 1 TR 9:30-10:50 VRCHOTA D
 MEETS: JAN 12-MAY 8

COMMUNICATION STUDIES (CONTINUED)

COMMUNITY & REGIONAL PLANNING (CONTINUED)

NONVERBAL COMMUNIC COMST 325 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 3920005 1 TR 9:30-10:50 SWEET D
 MEETS: JAN 12-MAY 8

CMPTR-MEDIATED COMM COMST 330 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY.
 2385005 TR 2:10-3:30 RUBLE R
 MEETS: JAN 12-MAY 8

RESEARCH SEMINAR COMST 404 3 CREDITS
 Prereq: COMST 301 PLUS 3 ADDITIONAL COMMUNICATION STUDIES CLASSES FROM THE FOLLOWING LIST: COMST 310, COMST 311, COMST 314, COMST 317, COMST 319, COMST 325, OR COMST 330.
 2298005 1 TR 12:40-2:00 RUBLE R
 MEETS: JAN 12-MAY 8
 2298010 2 TR 12:40-2:00 SCHARP K
 MEETS: JAN 12-MAY 8
 2298015 3 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

SPL TOPICS COMM STU COMST 450 3 CREDITS
 8024005 TR 11:00-12:20 SWEET D
 MEETS: JAN 12-MAY 8

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 RUBLE R
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS COMST 590 1- 4 CREDITS
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING

PLANNG METHDS STDIO C R P 301 4 CREDITS
 4968005 TR 2:10-5:20 ZHOU J
 MEETS: JAN 12-MAY 8

PRACTICUM C R P 330 1- 3 CREDITS
 Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING
 Note: COURSE OFFERED FOR 2 CREDITS S15
 Satisfactory-Fail Only.
 2386005 ARRANGED OWUSU F
 MEETS: JAN 12-MAY 8

FIELD TRAVEL C R P 391 1- 2 CREDITS
 Prereq: C R P MAJOR, PERMISSION OF ADVISER
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2015.
 Satisfactory-Fail Only.
 2402005 W 12:10-1:00 BASMAJIAN C
 MEETS: JAN 12-MAY 8

URBAN REVITALIZATN C R P 417 3 CREDITS
 Prereq: 253 OR 270
 7569005 TR 12:40-2:00 RONGERUDE J
 MEETS: JAN 12-MAY 8

DEVL COUNTRIES PLAN C R P 429 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 2988005 M 5:10-8:00PM OWUSU F
 MEETS: JAN 12-MAY 8

CMUNITY PLAN STUDIO C R P 432 4- 6 CREDITS
 Prereq: C R P 201, C R P 301, OR PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 6 CREDIT S15
 2391005 A TR 2:10-5:20
 MEETS: JAN 12-MAY 8

SITE DEVELOPMENT C R P 442 3 CREDITS
 Prereq: 253, 272
 8760005 R 5:10-8:00PM BRADBURY S
 MEETS: JAN 12-MAY 8

INTRO GEOG INFO SYS C R P 451 3 CREDITS
 9410005 A TR 11:00-1:00 MEHROTRA N
 MEETS: JAN 12-MAY 8

PUBLIC FINANC&PLANN C R P 479X 3 CREDITS
 9601005 TR 9:00-10:20 DAS B
 MEETS: JAN 12-MAY 8

SUSTAINABLE COMMUNT C R P 484 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7041005 TR 12:40-2:00 ZHOU J
 MEETS: JAN 12-MAY 8

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

PORTFOLIO DEV&RVIEW C R P 498 1 CREDIT
 Prereq: TAKE DURING FINAL SEM OF PLANNING PROGRAM
 2418005 M 12:10-1:00
 MEETS: JAN 12-MAY 8

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 TR 12:40-2:00 RONGERUDE J
 MEETS: JAN 12-MAY 8

MIDDLE EAST CITIES C R P 519 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 8950005 T 4:10-7:40PM GHANDOUR M
 MEETS: JAN 12-MAY 8

DEVL COUNTRIES PLAN C R P 529 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2404005 M 5:10-8:00PM OWUSU F
 MEETS: JAN 12-MAY 8
 Section info: <http://www.public.iastate.edu/%7efowusu/courses.html>

PRACTICUM C R P 530 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION IN C R P
 Satisfactory-Fail Only.
 2405005 ARRANGED OWUSU F
 MEETS: JAN 12-MAY 8
 2405600 XW ARRANGED OWUSU F
 MEETS: JAN 20-MAY 7
 Note: Meets international perspectives reqmt
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

SITE DEVELOPMENT C R P 542 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 8759005 R 5:10-8:00PM
 MEETS: JAN 12-MAY 8

INTRO GEOG INFO SYS C R P 551 3 CREDITS
 1985005 A MW 9:00-9:50 MEHROTRA N
 W 10:00-11:50
 MEETS: JAN 12-MAY 8
 1985010 B MW 9:00-9:50 MEHROTRA N
 W 12:10-2:00
 MEETS: JAN 12-MAY 8

PLAN THRY FOR PRCTC C R P 561 3 CREDITS
 2410005 W 5:10-8:00PM RONGERUDE J
 MEETS: JAN 12-MAY 8

PLANNING & DEVELPMT C R P 568 3 CREDITS
 Prereq: C R P 564 OR EQUIVALENT
 2018005 TR 2:10-3:30 BRADBURY S
 MEETS: JAN 12-MAY 8

PUBLIC FINANC&PLANN C R P 579X 3 CREDITS
 9604005 TR 9:00-10:20
 MEETS: JAN 12-MAY 8

COMMUNITY & REGIONAL PLANNING (CONTINUED)

SUSTAINBLE COMMUNIT C R P 584 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7043005 TR 12:40-2:00 ZHOU J
 MEETS: JAN 12-MAY 8

SPL TP PLAN LAW,ADM C R P 590A 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECON DEVEL C R P 590B 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN C R P 590C 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 Field trips & travel fee \$25.00-\$700.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOUS&URB RV C R P 590D 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN C R P 590H 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRTN PL C R P 590I 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC INT'L PLAN C R P 590N 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATL AN MTH C R P 590O 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SM TOWN PLAN C R P 590P 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRS&EQ PLN C R P 590Q 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GIS C R P 590R 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR GIS APP/RES C R P 595 1 CREDIT
 Prereq: 9 CREDITS IN GIS CERTIFICATE PROGRAM
 Satisfactory-Fail Only.
 5571005 M 12:10-1:00
 MEETS: JAN 12-MAY 8

PRO PLANNING REPORT C R P 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH C R P 699 VAR. CREDITS
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY DEVELOPMENT

CMUNT&NAT RESRC MGT C DEV 502 3 CREDITS
 8469600 XF ARRANGED BALASSIANO K
 MEETS: JAN 21-MAY 6
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Instructor permission required.
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

COMMUNITY DEVELOPMENT (CONTINUED)

CMUNT ANALYS:METHODS C DEV 504 3 CREDITS
 8588600 XG ARRANGED
 MEETS: JAN 12-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

COMM&RG ECON ANLY I C DEV 506 3 CREDITS
 8608600 XG ARRANGED
 MEETS: JAN 12-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

ECOLOGICL ECONOMICS C DEV 508 3 CREDITS
 8466600 XG ARRANGED
 MEETS: JAN 12-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

ORIENT CMUNTY DEVEL C DEV 520 1 CREDIT
 8539600 XG ARRANGED
 MEETS: JAN 12-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

HOUSING &DEVEL PROG C DEV 521 3 CREDITS
 7222600 XG ARRANGED
 MEETS: JAN 20-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

SPL TOP CMUNTY DVLPT C DEV 590 1- 3 CREDITS
 9495600 XG ARRANGED
 MEETS: JAN 20-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO
 ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 SEC XG OFFERED FOR 1 CREDIT FALL 2014.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

COMMUNITY LEADERSHIP AND PUBLIC SERVICE

CAMPUS LDRSHP DEVEL CL PS 270X 2- 3 CREDITS
 9524005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

LDRSHP DIVERSE SOCI CL PS 322 3 CREDITS
 Note: Meets U.S. diversity reqmt
 4949005 1 TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 4949010 2 TR 4:10-5:30
 MEETS: JAN 12-MAY 8

INTDISC RES WMN&LDR CL PS 488 3 CREDITS
 4981005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

COMPUTER ENGINEERING

INTR CMPTR SECURITY CPR E 131 1 CREDIT
 Satisfactory-Fail Only.
 3482005 A MW 11:00-11:50
 MEETS: JAN 12-MARCH 6
 3482010 B MW 11:00-11:50
 MEETS: MARCH 9-MAY 8

COMPUTER ENGINEERING

(CONTINUED)

PRO PROG ORIENTATN CPR E 166 R CREDIT
 Note: COURSE RESTRICTED TO E E & CPR E MAJORS ONLY.
 DISCUSSIONS WILL MEET EVERY OTHER WEEK.

2292005 A T 2:10-3:00
 MEETS: JAN 12-MAY 8

2292010 B T 2:10-3:00
 MEETS: JAN 12-MAY 8

2292015 C T 3:10-4:00
 MEETS: JAN 12-MAY 8

2292020 D T 3:10-4:00
 MEETS: JAN 12-MAY 8

2292025 E R 2:10-3:00
 MEETS: JAN 12-MAY 8

INTRO PROBLM SOLV I CPR E 185 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 141
 Note: COURSE RESTRICTED TO CPR E, ENGR, E E AND
 S E MAJORS ONLY. CREDIT IN ONLY ONE OF THE
 FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION:
 M E 160, ENGR 160, A B E 160, AER E 160, C E 160,
 CPR E, E E 185, S E 185, I E 148.

3878005 A MW 9:00-9:50
 R 4:10-6:00PM
 MEETS: JAN 12-MAY 8

3878010 B MW 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 12-MAY 8

3878015 C MW 9:00-9:50
 F 12:10-2:00
 MEETS: JAN 12-MAY 8

3878020 D TR 3:10-4:00
 W 8:00-9:50
 MEETS: JAN 12-MAY 8

3878025 E TR 3:10-4:00
 W 6:10-8:00PM
 MEETS: JAN 12-MAY 8

3878030 F TR 3:10-4:00
 F 2:10-4:00
 MEETS: JAN 12-MAY 8

INTR PROBLM SOLV II CPR E 186 1 CREDIT
 Prereq: 185

6238005 A W 10:00-11:50
 MEETS: JAN 12-MAY 8

6238010 B W 12:10-2:00
 MEETS: JAN 12-MAY 8

6238015 C W 2:10-4:00
 MEETS: JAN 12-MAY 8

6238020 D T 4:10-6:00PM
 MEETS: JAN 12-MAY 8

TRANSFER ORIENTATIO CPR E 261 R CREDIT
 Satisfactory-Fail Only.

9198005 T 11:00-11:50
 MEETS: JAN 12-MAY 8

DIG LOGC, PROCSR, P I CPR E 281 4 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION

7321005 A MWF 9:00-9:50
 T 6:10-9:00PM
 MEETS: JAN 12-MAY 8

7321010 B MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8

7321015 C MWF 9:00-9:50
 R 4:10-7:00PM
 MEETS: JAN 12-MAY 8

7321020 D MWF 9:00-9:50
 F 12:10-3:00
 MEETS: JAN 12-MAY 8

7321025 E MWF 9:00-9:50
 F 3:10-6:00PM
 MEETS: JAN 12-MAY 8

7321030 F MWF 4:10-5:00
 T 12:10-3:00
 MEETS: JAN 12-MAY 8

7321035 G MWF 4:10-5:00
 W 6:10-9:00PM
 MEETS: JAN 12-MAY 8

7321034 J MWF 4:10-5:00
 W 12:10-3:00
 MEETS: JAN 12-MAY 8

7321040 K MWF 4:10-5:00
 T 3:10-6:00PM
 MEETS: JAN 12-MAY 8

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 12-MAY 8

3364010 B TR 9:30-10:50
 T 4:10-6:00PM
 MEETS: JAN 12-MAY 8

3364015 C TR 2:10-3:30
 T 6:10-8:00PM
 MEETS: JAN 12-MAY 8

3364020 D TR 2:10-3:30
 W 12:10-2:00
 MEETS: JAN 12-MAY 8

3364025 E TR 9:30-10:50
 R 2:10-4:00
 MEETS: JAN 12-MAY 8

3364030 F TR 2:10-3:30
 F 12:10-2:00
 MEETS: JAN 12-MAY 8

COMPUTER ENGINEERING

(CONTINUED)

EMBEDDE SYS I:INTRO CPR E 288 4 CREDITS
 3364035 G TR 2:10-3:30
 F 2:10-4:00
 MEETS: JAN 12-MAY 8

3364040 J TR 9:30-10:50
 T 4:10-6:00PM
 MEETS: JAN 12-MAY 8

PROGRAM DISCOVERY CPR E 294 R CREDIT
 Prereq: CPR E 166 OR E E 166
 Satisfactory-Fail Only.

5337005 ARRANGED
 MEETS: JAN 12-MAY 8

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

OPERAT SYS:PRIN&PRA CPR E 308 4 CREDITS
 Prereq: 381, 310

2036005 A MWF 9:00-9:50
 T 11:00-1:50
 MEETS: JAN 12-MAY 8

2036010 B MWF 9:00-9:50
 W 10:00-12:50
 MEETS: JAN 12-MAY 8

2036015 C MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8

2036020 D MWF 9:00-9:50
 F 10:00-12:50
 MEETS: JAN 12-MAY 8

2036025 E MWF 9:00-9:50
 W 6:10-9:00PM
 MEETS: JAN 12-MAY 8

THEORET FOUND CPR E CPR E 310 3 CREDITS
 Prereq: CREDIT OR ENRLMT IN CPR E 288, COM S 228

9240005 A TR 4:10-5:30
 MEETS: JAN 12-MAY 8

SOFTWARE PROJCT MGT CPR E 329 3 CREDITS
 Prereq: COM S 309

6832005 TR 11:00-12:15
 MEETS: JAN 12-MAY 8

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 12-MAY 8

2311010 B MWF 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 12-MAY 8

2311015 C MWF 9:00-9:50
 R 3:10-6:00PM
 MEETS: JAN 12-MAY 8

2311020 D MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8

2311025 E MWF 9:00-9:50
 F 1:10-4:00
 MEETS: JAN 12-MAY 8

2311030 F MWF 9:00-9:50
 F 10:00-12:50
 MEETS: JAN 12-MAY 8

2311035 G MWF 9:00-9:50
 M 3:10-6:00PM
 MEETS: JAN 12-MAY 8

CYBER DEFENS COMPET CPR E 332X 1 CREDIT
 Satisfactory-Fail Only.

9653005 ARRANGED
 MEETS: JAN 12-MAY 8

SFTWR ARCHITC&DSIGN CPR E 339 3 CREDITS
 Prereq: S E 319

6834005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

TOYING WITH TECHNOL CPR E 370 3 CREDITS
 Prereq: C I 201 OR C I 202

5941005 A TR 1:10-3:00
 MEETS: JAN 12-MAY 8

CPTR ORG &ASMB PROG CPR E 381 4 CREDITS
 Prereq: CPR E 288

6769005 A MWF 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 12-MAY 8

6769010 B MWF 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 12-MAY 8

6769015 C MWF 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 12-MAY 8

COMPUTER ENGINEERING (CONTINUED)

COMPUTER ENGINEERING (CONTINUED)

PROGRAM EXPLORATION CPR E 394 R CREDIT
 Prereq: 294 OR E E 294
 Note: COURSE RESTRICT TO JUNIORS AND SENIORS
 Satisfactory-Fail Only.
 5388005 ARRANGED
 MEETS: JAN 12-MAY 8

ENGINEER INTERNSHIP CPR E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CPR E 398 R CREDIT
 Prereq: 298, PERMSSN OF DEPARTMNT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

FORML MTHDS SFTWR E CPR E 412 3 CREDITS
 Prereq: COM S 309, S E 319
 8535005 MW 4:10-5:30
 MEETS: JAN 12-MAY 8

LG SC DTA ANLY SFTW CPR E 419X 4 CREDITS
 Prereq: CPR E 308 OR COM S 352; COM S 309
 9581005 A TR 9:30-10:50
 W 2:10-4:00
 MEETS: JAN 12-MAY 8
 9581010 B TR 9:30-10:50
 W 6:10-8:00PM
 MEETS: JAN 12-MAY 8

INFO SYSTM SECURITY CPR E 431 3 CREDITS
 Prereq: CREDIT OR ENR IN CPR E 489 OR COM S 454
 8650005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 2330010 B MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 2330015 C MWF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 12-MAY 8

DISTRB SYS&MIDDLWRE CPR E 450 3 CREDITS
 Prereq: 308 OR COM S 352
 8512005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 8512600 XE ARRANGED GUAN Y
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

DIST&NETWK OPER SYS CPR E 454 3 CREDITS
 Prereq: COM S 311, 352, ENGL 250 OR ENGL 105,
 SP CM 212
 7291005 TR 11:00-12:20 RUAN L
 MEETS: JAN 12-MAY 8

MULTIDISC ENGR DSGN CPR E 466 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 1899005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 8156010 B TR 12:40-2:00
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 8156015 C TR 12:40-2:00
 R 6:10-9:00PM
 MEETS: JAN 12-MAY 8

CPTR NTWRK&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 12-MAY 8
 2771010 B TR 11:00-12:20
 W 1:10-3:00
 MEETS: JAN 12-MAY 8
 2771015 C TR 11:00-12:20
 F 1:10-3:00
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY CPR E 490 VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY CPR E 490H VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO CPR E 491 3 CREDITS
 Prereq: 308 OR E E 322, COMPLETION OF 24 CREDITS
 IN THE E E CORE PROFESSIONAL PROGRAM OR 29 CREDITS
 IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL 314
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
 AND ABOVE
 Instructor permission required 1st week.
 2765005 T 2:10-4:00, ARRANGED
 MEETS: JAN 12-MAY 8

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 R 2:10-3:00, ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 2279010 B W 2:10-3:00
 MEETS: JAN 12-MAY 8
 2279015 C R 3:10-4:00
 MEETS: JAN 12-MAY 8
 2279020 D R 4:10-5:00
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN CPR E 498 R CREDIT
 Prereq: 398, PERMSSN OF DEPARTMNT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

DATA CONVR CIRCUITS CPR E 505 4 CREDITS
 Prereq: 501
 3301005 A TR 11:00-12:20
 F 4:10-7:00PM
 MEETS: JAN 12-MAY 8
 3301010 B TR 11:00-12:20
 R 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 3301015 C TR 11:00-12:20
 R 2:10-5:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

PROBLSTC MTHD CPR E CPR E 528 3 CREDITS
 Prereq: CPR E 315 OR COM S 311
 8172005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

INFORMATION WARFARE CPR E 532 3 CREDITS
 Prereq: 531
 2989005 TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 2989600 XE ARRANGED JACOBSON D
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

CRYPTOGRAPHY CPR E 533 3 CREDITS
 Prereq: MATH 301 OR CPR E 310 OR COM S 330
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 6193005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

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 PETERS K
 MEETS: JAN 12-MAY 8
 2620600 XE ARRANGED PETERS K
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

WIRELESS NTWK SECUR CPR E 537 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 489 OR 530
 6961005 A MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 6961600 XE ARRANGED AMARIUCAI G
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

COMPUTER ENGINEERING (CONTINUED)

COMPUTER SCIENCE (CONTINUED)

WIRELESS&SENSOR NTWK CPR E 546 3 CREDITS
 Prereq: 489 OR 530
 8653005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 8653600 XE ARRANGED QIAO D
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

DISTRB SYS&MIDDLWRW CPR E 550 3 CREDITS
 Prereq: 308 OR COM S 352
 8515005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 8515600 XE ARRANGED GUAN Y
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

DIST&NETWK OPER SYS CPR E 554 3 CREDITS
 Prereq: COM S 311, 352
 7292005 TR 11:00-12:20 RUAN L
 MEETS: JAN 12-MAY 8

COMP FUNC GENOM&BIO CPR E 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
 OR 228, GEN 411, STAT 430
 3471005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

COMPUTATNL PERCEPTN CPR E 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 5237005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

CPR SYS PERFORMANCE CPR E 582 3 CREDITS
 Prereq: 381, 310 AND STAT 330
 2779005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

EMBEDDED CMPTR SYST CPR E 588 3 CREDITS
 Prereq: 308
 2783005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: RESTRICTED TO E CPE, COM S, GRAD STUDENTS ONLY
 2783600 XE ARRANGED ROVER D
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

SPECIAL TOPICS CPR E 590 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR CMPTR ENGR CPR E 592 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO E CPE, E E, COM S, AND INFAS
 GRAD STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

INFO ASSUR CAPSTONE CPR E 632 3 CREDITS
 Prereq: 531, 532, 534
 8104005 ARRANGED
 MEETS: JAN 12-MAY 8
 8104600 XE ARRANGED JACOBSON D
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

ADV TOP CMPTR ARCH CPR E 681 3 CREDITS
 Prereq: 581
 2453005 TR 4:10-5:30
 MEETS: JAN 12-MAY 8

ENGINEERG INTERNSHP CPR E 697 R CREDIT
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF
 STUDENT SERVICES.
 Satisfactory-Fail Only.
 7420005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

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

COMPUTER SCIENCE

ORIENTATION COM S 101 R CREDIT
 Satisfactory-Fail Only.
 2672005 T 12:40-2:00 MILLER L
 MEETS: JAN 12-MARCH 6

COMPUTER APPLICATNS COM S 103 4 CREDITS
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY
 BE APPLIED TOWARD GRADUATION: COM S 102, COM S 103,
 COM S 113X.
 2673005 1 ARRANGED CHANG S
 MEETS: JAN 12-MAY 8
 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>

COMPUTER APPLICATNS COM S 103 4 CREDITS
 2673010 2 ARRANGED CHANG S
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 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>

2673020 4 ARRANGED CHANG S
 MEETS: JAN 12-MAY 8
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 4
 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF THE
 SEMESTER, MONDAY, 2:10-3:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673025 5 ARRANGED CHANG S
 MEETS: JAN 12-MAY 8
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 5
 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF THE
 SEMESTER, MONDAY, 3:10-4:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673030 6 ARRANGED CHANG S
 MEETS: JAN 12-MAY 8
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 6
 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF THE
 SEMESTER, MONDAY, 5:10-6:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673035 7 ARRANGED CHANG S
 MEETS: JAN 12-MAY 8
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 7
 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF THE
 SEMESTER, MONDAY, 6:10-7:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673040 8 ARRANGED CHANG S
 MEETS: JAN 12-MAY 8
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 8
 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF THE
 SEMESTER, TUESDAY, 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>

2673600 XW ARRANGED CHANG S
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INTRO TO COMPUTERS 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 12-MARCH 6

2995010 2 MW 4:10-5:00 ATUKORALA N
 F 4:10-5:00
 F 10:00-11:50
 MEETS: JAN 12-MARCH 6

2995015 3 MW 4:10-5:00 ATUKORALA N
 F 4:10-5:00
 R 4:10-6:00PM
 MEETS: MARCH 9-MAY 8

2995020 4 MW 4:10-5:00 ATUKORALA N
 F 4:10-5:00
 R 8:00-9:50
 MEETS: MARCH 9-MAY 8

2995025 5 MW 4:10-5:00 ATUKORALA N
 F 4:10-5:00
 F 10:00-11:50
 MEETS: MARCH 9-MAY 8

2995030 6 MW 4:10-5:00 ATUKORALA N
 F 4:10-5:00
 F 2:10-4:00
 MEETS: MARCH 9-MAY 8

2995605 XV ARRANGED ATUKORALA N
 MEETS: MARCH 9-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW

2995600 XW ARRANGED ATUKORALA N
 MEETS: JAN 12-MARCH 6
 Note: Section XW is off campus
 Course delivery is WWW

COMPUTER SCIENCE (CONTINUED)

INTRO WEB PROGRAMM COM S 106X 3 CREDITS
 7644005 1 ARRANGED CHANG S
 MEETS: JAN 12-MAY 8
 Note: SEC 1 WILL BE HELD THE 1ST WEEK OF THE SEMESTER,
 TUESDAY 5:10-6 IN 109 PEARSON-MANDATORY ORIENTATION
 COURSE DELIVERY IS: WWW ENTIRELY ONLINE COURSE
 Section info: <http://www.cs.iastate.edu/~cs106x/index.html>
 Syllabus: <http://www.cs.iastate.edu/~cs106x/index.html>
 7644010 2 ARRANGED CHANG S
 MEETS: JAN 12-MAY 8
 Note: SEC 2 WILL BE HELD THE 1ST WEEK OF THE SEMESTER,
 TUESDAY 5:10-6 IN 109 PEARSON-MANDATORY ORIENTATION
 COURSE DELIVERY IS: WWW ENTIRELY ONLINE COURSE
 Section info: <http://www.cs.iastate.edu/~cs106x/index.html>
 Syllabus: <http://www.cs.iastate.edu/~cs106x/index.html>
 7644015 3 ARRANGED CHANG S
 MEETS: JAN 12-MAY 8
 Note: SEC 3 WILL BE HELD THE 1ST WEEK OF THE SEMESTER,
 WEDNESDAY, 10-10:50 IN 109 PEARSON-MANDATORY
 ORIENTATION COURSE DELIVERY IS: WWW ENTIRELY ONLINE
 COURSE
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs106x/index.html>
 Syllabus: <http://www.cs.iastate.edu/~cs106x/index.html>
 7644020 4 ARRANGED CHANG S
 MEETS: JAN 12-MAY 8
 Note: SEC 4 WILL BE HELD THE 1ST WEEK OF THE SEMESTER,
 WEDNESDAY, 10-10:50 IN 109 PEARSON-MANDATORY
 ORIENTATION COURSE DELIVERY IS: WWW ENTIRELY ONLINE
 COURSE
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs106x/index.html>
 Syllabus: <http://www.cs.iastate.edu/~cs106x/index.html>
 7644600 XW ARRANGED CHANG S
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

APP COMPUTER PROGRM COM S 107 3 CREDITS
 2674005 ARRANGED XIAO L
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 2674600 XW ARRANGED XIAO L
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INTRO SPRDSH&DATABS COM S 113X 3 CREDITS
 7761005 A TR 9:30-10:20
 MEETS: JAN 12-MAY 8
 7761010 B TR 12:40-1:30
 MEETS: JAN 12-MAY 8
 7761015 C TR 3:40-4:20
 MEETS: JAN 12-MAY 8
 7761100 1 M 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 7761105 2 T 2:10-4:00
 MEETS: JAN 12-MAY 8
 7761110 3 M 2:10-4:00
 MEETS: JAN 12-MAY 8
 7761115 4 R 2:10-4:00
 MEETS: JAN 12-MAY 8
 7761120 5 W 2:10-4:00
 MEETS: JAN 12-MAY 8
 7761125 6 W 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 7761130 7 F 2:10-4:00
 MEETS: JAN 12-MAY 8
 7761135 8 F 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 7761140 9 T 5:10-7:00PM
 MEETS: JAN 12-MAY 8
 7761145 10 M 9:00-10:50
 MEETS: JAN 12-MAY 8
 7761150 11 M 12:10-2:00
 MEETS: JAN 12-MAY 8
 7761155 12 T 9:00-10:50
 MEETS: JAN 12-MAY 8
 7761160 13 T 12:10-2:00
 MEETS: JAN 12-MAY 8
 7761165 14 F 9:00-10:50
 MEETS: JAN 12-MAY 8
 7761170 15 F 12:10-2:00
 MEETS: JAN 12-MAY 8
 7761175 16 T 6:10-8:00PM
 MEETS: JAN 12-MAY 8
 7761180 17 W 1:10-3:00
 MEETS: JAN 12-MAY 8
 7761185 18 M 1:10-3:00
 MEETS: JAN 12-MAY 8
 7761190 19 R 12:10-2:00
 MEETS: JAN 12-MAY 8
 7761195 20 W 6:10-8:00PM
 MEETS: JAN 12-MAY 8
 7761200 21 M 3:10-5:00
 MEETS: JAN 12-MAY 8
 7761205 22 F 1:10-3:00
 MEETS: JAN 12-MAY 8

COMPUTER SCIENCE (CONTINUED)

COBOL PROGRAMMING COM S 201 3 CREDITS
 Prereq: 107 OR 207 OR 227
 Note: ALL SECTIONS MUST ATTEND LAB FIRST WEEK OF
 THE SEMESTER FOR ORIENTATION IN 0109 PEARSON.
 FOR MORE INFORMATION PLEASE GO TO THE COMPUTER
 SCIENCE WEBSITE.
 2675005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs201/>

CAREERS IN COM SCI COM S 203 R CREDIT
 Note: COURSE RESTRICTED TO P CS, COM S MAJORS ONLY
 Satisfactory-Fail Only.
 2682005 R 12:40-2:00 MILLER L
 MEETS: JAN 12-MARCH 6

FUND CPTR PROGRAMM COM S 207 3 CREDITS
 Prereq: MATH 150 OR PLACEMENT INTO MATH
 140/MATH 141/MATH 142/MATH 145X OR HIGHER
 Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>
 9235005 1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO BUS COLLEGE STUDENTS ONLY
 9235010 2 MWF 9:00-9:50 CAI Y
 W 3:10-4:00
 MEETS: JAN 12-MAY 8
 9235015 3 MWF 10:00-10:50 ADURI P
 R 3:10-4:00
 MEETS: JAN 12-MAY 8
 9235600 XW ARRANGED MITRA S
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INTMEDT CPTR PROGRM COM S 208 3 CREDITS
 Prereq: 207, CREDIT OR ENROLLMENT IN MATH
 151, 160, OR 165
 Note: CREDIT FOR COM S 208 MAY NOT BE APPLIED
 TOWARD GRADUATION IN THE MAJORS OF COMPUTER SCIENCE,
 SOFTWARE ENGINEERING, OR COMPUTER ENGINEERING
 9236600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INTR OBJT ORIEN PRG COM S 227 4 CREDITS
 Note: CREDIT FOR EITHER COM S 227 OR COM S 207, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>
 9237100 A MWF 3:10-4:00 KAUTZ S
 MEETS: JAN 12-MAY 8
 9237105 B MWF 1:10-2:00 SONG G
 MEETS: JAN 12-MAY 8
 9237005 1 T 10:00-11:50
 MEETS: JAN 12-MAY 8
 9237010 2 T 12:10-2:00
 MEETS: JAN 12-MAY 8
 9237015 3 W 8:00-9:50
 MEETS: JAN 12-MAY 8
 9237020 4 T 2:10-4:00
 MEETS: JAN 12-MAY 8
 9237025 5 R 12:10-2:00
 MEETS: JAN 12-MAY 8
 9237030 6 W 2:10-4:00
 MEETS: JAN 12-MAY 8
 9237035 7 W 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 9237040 8 F 10:00-11:50
 MEETS: JAN 12-MAY 8
 9237045 9 W 10:00-11:50
 MEETS: JAN 12-MAY 8
 9237050 10 R 10:00-11:50
 MEETS: JAN 12-MAY 8
 9237055 11 R 2:10-4:00
 MEETS: JAN 12-MAY 8
 9237060 12 F 2:10-4:00
 MEETS: JAN 12-MAY 8
 9237065 13 T 2:10-4:00
 MEETS: JAN 12-MAY 8
 9237070 14 F 12:10-2:00
 MEETS: JAN 12-MAY 8
 9237075 15 T 12:10-2:00
 MEETS: JAN 12-MAY 8
 9237080 16 W 12:10-2:00
 MEETS: JAN 12-MAY 8
 9237085 17 R 12:10-2:00
 MEETS: JAN 12-MAY 8
 9237090 18 T 6:10-8:00PM
 MEETS: JAN 12-MAY 8
 9237095 19 R 2:10-4:00
 MEETS: JAN 12-MAY 8

COMPUTER SCIENCE

(CONTINUED)

INTRO DATA STRUCTUR COM S 228 3 CREDITS
 Prereq: C- OR BETTER IN 227, CREDIT OR ENROLLMENT IN MATH 165
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

9238100 A MWF 11:00-11:50 FERNANDEZ-BACA D
 MEETS: JAN 12-MAY 8

9238105 B MWF 12:10-1:00 JIA Y
 MEETS: JAN 12-MAY 8

9238005 1 R 10:00-10:50
 MEETS: JAN 12-MAY 8

9238010 2 R 2:10-3:00
 MEETS: JAN 12-MAY 8

9238015 3 R 1:10-2:00
 MEETS: JAN 12-MAY 8

9238020 4 R 4:10-5:00
 MEETS: JAN 12-MAY 8

9238025 5 R 3:10-4:00
 MEETS: JAN 12-MAY 8

9238030 6 T 9:00-9:50
 MEETS: JAN 12-MAY 8

9238035 7 T 2:10-3:00
 MEETS: JAN 12-MAY 8

ADV PROGRAMMG TCHNQ COM S 229 3 CREDITS
 Prereq: 228, CREDIT OR ENROLLMENT IN MATH 166

2454005 1 MWF 3:10-4:00 SHEAFFER J
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY COM S 290 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.

2680005 ARRANGED
 MEETS: JAN 12-MAY 8

INDEP STUDY HONORS COM S 290H VAR. CREDITS
 Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.

2681005 ARRANGED
 MEETS: JAN 12-MAY 8

SOFTWR DEV PRACTCES COM S 309 3 CREDITS
 Prereq: 228 WITH C- OR BETTER

4438005 1 TR 9:30-10:50 MITRA S
 T 11:00-11:50
 MEETS: JAN 12-MAY 8

4438010 2 TR 9:30-10:50 MITRA S
 T 1:10-2:00
 MEETS: JAN 12-MAY 8

DSN&ANALYSIS ALGRTH COM S 311 3 CREDITS
 Prereq: 228 WITH C- OR BETTER, MATH 166, ENGL 250, AND COM S 330 OR CPR E 310
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

2683100 A TR 11:00-12:20 LATHROP J
 MEETS: JAN 12-MAY 8

2683005 1 T 12:10-1:00
 MEETS: JAN 12-MAY 8

2683010 2 T 9:00-9:50
 MEETS: JAN 12-MAY 8

2683015 3 M 10:00-10:50
 MEETS: JAN 12-MAY 8

2683020 4 M 10:00-10:50
 MEETS: JAN 12-MAY 8

2683025 5 W 10:00-10:50
 MEETS: JAN 12-MAY 8

2683030 6 T 4:10-6:00PM
 MEETS: JAN 12-MAY 8

INTR CPTR ARCH&MACH COM S 321 3 CREDITS
 Prereq: 228, CPR E 281, ENGL 250

2684005 1 MWF 11:00-11:50 PRABHU G
 R 12:10-1:00
 MEETS: JAN 12-MAY 8

2684010 2 MWF 11:00-11:50 PRABHU G
 T 1:10-2:00
 MEETS: JAN 12-MAY 8

2684015 3 MWF 11:00-11:50 PRABHU G
 T 1:10-2:00
 MEETS: JAN 12-MAY 8

DISCRETE CMP STRUCT COM S 330 3 CREDITS
 Prereq: 228, MATH 166, AND ENGL 250 OR ENGL 105

2685005 1 MWF 1:10-2:00 STOLEE D
 R 10:00-10:50
 MEETS: JAN 12-MAY 8

2685010 2 MWF 1:10-2:00 STOLEE D
 R 2:10-3:00
 MEETS: JAN 12-MAY 8

COMPUTER SCIENCE

(CONTINUED)

THEORY OF COMPUTING COM S 331 3 CREDITS
 Prereq: 228, 330 OR CPR E 310, MATH 166, ENGL 250 OR ENGL 105

2686005 1 TR 12:40-2:00 EULENSTEIN O
 T 9:00-9:50
 MEETS: JAN 12-MAY 8

2686010 2 TR 12:40-2:00 EULENSTEIN O
 T 1:10-2:00
 MEETS: JAN 12-MAY 8

PRIN PROGR LANGUAGS COM S 342 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228, COM S 330 OR CPR E 310

2687005 1 TR 2:10-3:30 RAJAN H
 W 9:00-9:50
 MEETS: JAN 12-MAY 8

2687015 2 TR 2:10-3:30 RAJAN H
 W 4:10-5:00
 MEETS: JAN 12-MAY 8

NUMBER THEORY COM S 350 3 CREDITS
 Prereq: MATH 166

5790005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

INTRO OPERATING SYS COM S 352 3 CREDITS
 Prereq: 321, 229, ENGL 250 OR ENGL 105

2688005 1 MWF 2:10-3:00 ZHANG W
 R 1:10-2:00
 MEETS: JAN 12-MAY 8

OBJCT-ORIEN ANALY&D COM S 362 3 CREDITS
 Prereq: 228 WITH C- OR BETTER, ENGL 250 OR ENGL 105

2622005 MWF 11:00-11:50 MILLER L
 MEETS: JAN 12-MAY 8

INTR DATABS MGT SYS COM S 363 3 CREDITS
 Prereq: 228 WITH C- OR BETTER, ENGL 250 OR ENGL 105

2689005 TR 11:00-12:20 GADIA S
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN COM S 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Instructor permission required.

2691005 ARRANGED
 MEETS: JAN 12-MAY 8

SR PROJ CMPTR GAM I COM S 402A 2 CREDITS
 Prereq: COM S 309, COM S 362, COM S 437

9710005 ARRANGED LATHROP J
 MEETS: JAN 12-MAY 8

SR PROJ CPTR GAM II COM S 402B 2 CREDITS
 Prereq: COM S 402A

9708005 ARRANGED
 MEETS: JAN 12-MAY 8

CPR SCI SENIOR PROJ COM S 402C 3 CREDITS
 Prereq: COM S 309, COM S 362, ONE 400-LEVEL COMPUTER SCIENCE ELECTIVE COURSE

9711005 ARRANGED
 MEETS: JAN 12-MAY 8

FORML MTHDS SFTWR E COM S 412 3 CREDITS
 Prereq: 309, 319

8536005 MW 4:10-5:30
 MEETS: JAN 12-MAY 8

SOFTWARE TESTING COM S 417 3 CREDITS
 Prereq: 309, 319, ENGL 250 OR ENGL 105, SP CM 212

2712005 TR 12:40-2:00 STOLEE K
 MEETS: JAN 12-MAY 8

INTR CMPTNL GEOMTRY COM S 418 3 CREDITS
 Prereq: 311 OR INSTRUCTOR PERMISSION

5952005 MWF 2:10-3:00 JIA Y
 MEETS: JAN 12-MAY 8

ADVNCN PROGRM TOOLS COM S 430 3 CREDITS
 Prereq: 311, 362 OR 363, ENGL 250 OR ENGL 105, SP CM 212

5833005 MWF 12:10-1:00 KAUTZ S
 MEETS: JAN 12-MAY 8

MODL NANO SLF-ASSMB COM S 433 3 CREDITS
 Prereq: 331 OR CONSENT OF INSTRUCTOR

8228005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

CPTR GAME&MEDIA PRG COM S 437 3 CREDITS
 Prereq: COM S 336 OR PERMISSION OF INSTRUCTOR

2793005 TR 2:10-3:25 LATHROP J
 MEETS: JAN 12-MAY 8

COMPUTER SCIENCE (CONTINUED)

DIST&NETWK OPER SYS COM S 454 3 CREDITS
 Prereq: 311, 352, ENGL 250 ENGL 105, SP CM 212
 2696005 TR 11:00-12:20 RUAN L
 MEETS: JAN 12-MAY 8

SIMULATN:ALG&IMPLEM COM S 455 3 CREDITS
 Prereq: 311, 330, STAT 330, ENGL 150 OR ENGL 104,
 SP CM 212
 8123005 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

ELMNTS NEURAL COMPT COM S 474 3 CREDITS
 Prereq: 311, 330 OR CPR E 310, STAT 330, MATH
 165, ENGL 250 OR ENGL 105, SP CM 212, COM S 342
 OR COMPARABLE PROGRAMMING EXPERIENCE
 2253005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

NUMRC MTHDS DIFF EQ COM S 481 3 CREDITS
 Prereq: MATH 265 AND EITHER MATH 266 OR MATH 267;
 KNOWLEDGE OF A PROGRAMMING LANGUAGE
 2699005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

FUND CMPTR NETWRKNG COM S 486 3 CREDITS
 Prereq: 352
 5060005 TR 11:00-12:20 WONG J
 MEETS: JAN 12-MAY 8

PRIN DSTRB&NTWK PRG COM S 487 3 CREDITS
 Prereq: COM S 352 OR CPR E 489 OR EQUIVALENT
 2972005 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY COM S 490 VAR. CREDITS
 Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE
 APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS COM S 490H VAR. CREDITS
 Prereq: 6 CREDITS IN COM S, PERMISSION OF
 INSTRUCTOR, MEMBERSHIP IN HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FORML MTHDS SFTWR E COM S 512 3 CREDITS
 Prereq: 311, 330
 2707005 MW 4:10-5:30
 MEETS: JAN 12-MAY 8

SOFTWARE SYS SAFETY COM S 515 3 CREDITS
 Prereq: 309 OR 311, 342
 6810005 TR 9:30-10:50 LUTZ R
 MEETS: JAN 12-MAY 8

INTR CMPNTL GEOMTRY COM S 518 3 CREDITS
 Prereq: 311 OR PERMISSION OF INSTRUCTOR
 5866005 MWF 2:10-3:00 JIA Y
 MEETS: JAN 12-MAY 8

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 TR 11:00-1:00
 MEETS: JAN 12-MAY 8

THEORY OF COMPUTATN COM S 531 3 CREDITS
 Prereq: 331
 2709005 MWF 11:00-11:50 SLUTZKI G
 MEETS: JAN 12-MAY 8

MODL NANO SLF-ASSMB COM S 533 3 CREDITS
 Prereq: 331 OR CONSENT OF INSTRUCTOR
 8241005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

GENOME ASSEMBL&ANLY COM S 551 3 CREDITS
 Prereq: 311, SOME KNOWLEDGE OF PROGRAMMING
 7908005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

PRIN OPERAT SYSTEMS COM S 552 3 CREDITS
 Prereq: 352
 2713005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

DIST&NETWK OPER SYS COM S 554 3 CREDITS
 Prereq: 311, 352
 2714005 TR 11:00-12:20 RUAN L
 MEETS: JAN 12-MAY 8

COMPUTER SCIENCE (CONTINUED)

SIMULATN:ALG&IMPLEM COM S 555 3 CREDITS
 Prereq: 311, 330, STAT 330
 8124005 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

ADV GENOME INFORMTC COM S 568 3 CREDITS
 Prereq: BCB 567, BBMB 301, BIOL 315, STAT 430,
 CREDIT OR ENROLLMENT IN GEN 411
 3310005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

COMP FUNC GENOM&BIO COM S 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
 OR 228, GEN 411, STAT 430
 3313005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

MACHINE LEARNING COM S 573 3 CREDITS
 Prereq: 311, 362, STAT 330
 2660005 MWF 10:00-10:50 DE BRABANTER K
 MEETS: JAN 12-MAY 8

COMPUTATNL PERCEPTN COM S 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 3246005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

PRIN DIST&NETWK PRG COM S 587 3 CREDITS
 Prereq: COM S 352 OR CPR E 489 OR EQUIVALENT
 6143005 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS COM S 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH COLLOQUIA COM S 592 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8406005 R 3:40-5:00 BASU S
 MEETS: JAN 12-MAY 8

GRADUATE INTERNSHIP COM S 598 R CREDIT
 Prereq: GRADUATE CLASSIFICATION
 ARRANGED
 5627005 MEETS: JAN 12-MAY 8

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

THEORY GAMES,UNCERT COM S 634 3 CREDITS
 Prereq: 330
 8149005 TR 12:40-2:00 SLUTZKI G
 MEETS: JAN 12-MAY 8

ADV TOPC DATABA SYS COM S 661 3 CREDITS
 Prereq: 461 OR 561
 2727005 TR 2:10-3:25
 MEETS: JAN 12-MAY 8

ADV TOP CMPUT INTEL COM S 673 3 CREDITS
 Prereq: 572 OR 573 OR 472 OR 474
 9467005 TR 12:40-2:00 TIAN J
 MEETS: JAN 12-MAY 8

ADV TOP CMPTR ARCH COM S 681 3 CREDITS
 Prereq: 581
 Note: COURSE RESTRICTED TO COM S MAJORS ONLY
 7901005 TR 4:10-5:30
 MEETS: JAN 12-MAY 8

ADV TP HISPEED NETW COM S 686 3 CREDITS
 Prereq: 586
 1743005 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

RESEARCH COM S 699 VAR. CREDITS
 Prereq: APPROVAL OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONSTRUCTION ENGINEERING

DEV LEARNRS&LEADERS CON E 114 2 CREDITS
 Prereq: NREM 112
 9200005 A W 9:00-10:50 WIERSEMA J
 MEETS: JAN 12-MAY 8
 9200010 B W 4:10-6:00PM WIERSEMA J
 MEETS: JAN 12-MAY 8

CONSTRUCTION ENGINEERING (CONTINUED)

ORIENT TO PRO LIFE CON E 122 1 CREDIT
 5269005 1 R 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO FRESHMAN ONLY
 5269010 2 R 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 Note: SEC 2 RESTRICTED TO TRANSFER STUDENTS

CONTRACTR ORG & MGT CON E 222 3 CREDITS
 Prereq: COMPLETION OF BASIC PROGRAM
 2363005 1 MTW 11:00-11:50
 MEETS: JAN 12-MAY 8

CONSTR MATLS&METHDS CON E 241 3 CREDITS
 Prereq: 222
 Note: COURSE RESTRICTED TO CON E MAJORS ONLY
 2730005 1 MW 12:10-1:00
 R 8:00-10:50
 MEETS: JAN 12-MAY 8

MECH/ELEC MTRLS&MTH CON E 251 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 241
 2377005 1 T 3:10-6:00PM
 MEETS: JAN 12-MAY 8

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

CON EQUIP&HVY C MTH CON E 322 3 CREDITS
 Prereq: CON E 241 OR C E 306
 2737005 1 T 12:10-2:00
 R 12:10-2:00
 MEETS: JAN 12-MAY 8

CONCRET&STEEL CONST CON E 340 3 CREDITS
 Prereq: E M 324, CREDIT OR ENROLLMT IN CON E 322
 2741005 1 M 4:10-6:00PM
 W 4:10-6:00PM
 MEETS: JAN 12-MAY 8

MECHAN SYS IN BLDGS CON E 352 3 CREDITS
 Prereq: 251, PHYS 222
 5313005 MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 12-MAY 8

ELECTR SYS IN BLDGS CON E 353 3 CREDITS
 Prereq: PHYS 222 AND CREDIT OR ENROLLMENT IN CON E 352
 5317005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

ENGINEERING LAW CON E 380 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 5102005 1A MW 4:10-5:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1A FOR MAJORS OTHER THAN CON E ONLY
 5102010 1B MW 4:10-5:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1B RESTRICTED TO CON E MAJORS ONLY

BID CONST I:HVY&HWY CON E 381A 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 6244005 1 T 8:00-8:30PM
 T 8:30-10:00PM
 MEETS: JAN 12-MAY 8

ENGR INTERNSHIP CON E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

CONSTRUC ESTIMATING CON E 421 3 CREDITS
 Prereq: 241, JUNIOR CLASSIFICATION
 2734005 1 MW 9:00-9:50
 T 12:10-2:00
 MEETS: JAN 12-MAY 8

CON PLAN,SCHED,CNTL CON E 441 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 421
 2742005 1 MW 11:00-11:50
 R 10:00-11:50
 MEETS: JAN 12-MAY 8

BID CNST II:HVY&HWY CON E 481A 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 6599005 1 T 8:00-8:30PM
 T 8:30-10:00PM
 MEETS: JAN 12-MAY 8

CONSTRUCTION ENGINEERING (CONTINUED)

CONSTRUC E DESIGN I CON E 487 3 CREDITS
 Prereq: 340 (B,H), 352 (B,E,M), 353 (B,E,M), 421, 441. STUDENT MUST BE WITHIN TWO SEMESTERS OF GRADUATING.
 7639005 1 MF 12:10-1:00
 T 11:00-1:00, ARRANGED
 MEETS: JAN 12-MAY 8

7639010 2 MF 12:10-1:00
 T 3:10-5:00, ARRANGED
 MEETS: JAN 12-MAY 8

7639015 3 MF 12:10-1:00
 R 11:00-1:00, ARRANGED
 MEETS: JAN 12-MAY 8

CON ENGR DESIGN II CON E 488 3 CREDITS
 Prereq: 380. CONCURRENT ENROLLMENT IN 487.
 7524005 1 M 9:00-9:50
 M 10:00-10:50
 WF 9:00-10:50
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY CON E 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CON E 498 R CREDIT
 Prereq: 398, PERMISSION OF DEPT AND ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRIMINAL JUSTICE STUDIES

INTR CRIMINL JUSTIC CJ ST 240 3 CREDITS
 4719005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

AMER JUDICIAL PROC CJ ST 320 3 CREDITS
 Prereq: POL S 215
 2577005 A TR 2:10-3:30 WAGGONER K
 MEETS: JAN 12-MAY 8
 2577010 B TR 2:10-3:30 WAGGONER K
 MEETS: JAN 12-MAY 8

PHILOSOPHY OF LAW CJ ST 332 3 CREDITS
 Prereq: PHIL 201 OR 230
 Note: Instructor permission required 1st week.
 2578005 TR 8:00-9:20 WOLF C
 MEETS: JAN 12-MAY 8

LIBERTY&LAW IN AMER CJ ST 339X 3 CREDITS
 Prereq: SOPHOMORE STANDING
 9506005 TR 12:40-2:00 TUCKNESS A
 MEETS: JAN 12-MAY 8

DEVIANT & CRIM BEHAV CJ ST 340 3 CREDITS
 Prereq: SOC 130 OR 134
 2579005 A MWF 11:00-11:50 BEHNKEN M
 MEETS: JAN 12-MAY 8
 2579010 B TR 2:10-3:25 BEHNKEN M
 MEETS: JAN 12-MAY 8

CRIMINOLOGY CJ ST 341 3 CREDITS
 Prereq: SOC 130 OR 134
 3175005 A MWF 10:00-10:50 HOCHSTETLER A
 MEETS: JAN 12-MAY 8

POLICE AND SOCIETY CJ ST 351 3 CREDITS
 Prereq: 240 OR 241
 7751005 M 6:10-9:00PM BRINKLEY J
 MEETS: JAN 12-MAY 8

PNISH,CORECTN&SOCIE CJ ST 352 3 CREDITS
 Prereq: 240 OR 241
 7762005 A TR 8:00-9:20 DRURY A
 MEETS: JAN 12-MAY 8

WHITE-COLLAR CRIME CJ ST 402 3 CREDITS
 Prereq: 240 OR 241
 8482005 A TR 11:00-12:15 HOCHSTETLER A
 MEETS: JAN 12-MAY 8

CRIM & JUV JUST PRAC CJ ST 460 3-12 CREDITS
 Prereq: JR OR SR CLASSIFICATION; PERMISSION OF CJ ST COORDINATOR; MAJOR OR MINOR IN SOC, OR CJ ST MINOR
 Note: NO MORE THAN 12 CREDITS OF FIELD EXPERIENCE (SOC 454 & SOC/CJ ST 460) MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN SOC/CJ ST 460 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
 Satisfactory-Fail Only.
 2581005 ARRANGED DELISI M
 MEETS: JAN 12-MAY 8

CURRICULUM & INSTRUCTION

CURRICULUM & INSTRUCTION

(CONTINUED)

PK-6 CLSRM TECNOLGI C I 201 3 CREDITS
 3015005 1 TR 11:00-11:50
 M 10:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO EL ED MAJORS ONLY
 3015010 2 TR 11:00-11:50
 W 8:00-9:50
 MEETS: JAN 12-MAY 8
 Note: SEC 2 RESTRICTED TO EL ED MAJORS ONLY
 3015015 3 TR 11:00-11:50
 W 10:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 3 RESTRICTED TO EL ED & ECE MAJORS ONLY
 3015020 4 TR 11:00-11:50
 W 12:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 4 RESTRICTED TO EL ED MAJORS ONLY
 3015025 5 TR 11:00-11:50
 R 12:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 5 RESTRICTED TO EL ED MAJORS ONLY
 3015030 6 TR 11:00-11:50
 M 12:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 6 RESTRICTED TO EL ED MAJORS ONLY
 3015035 7 TR 11:00-11:50
 T 9:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC 7 RESTRICTED TO EL ED MAJORS ONLY
 3015040 8 TR 11:00-11:50
 R 9:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC 8 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 12-MAY 8
 2464010 2 TR 2:10-3:00
 F 1:10-3:00
 MEETS: JAN 12-MAY 8
 2464015 3 TR 2:10-3:00
 F 8:00-9:50
 MEETS: JAN 12-MAY 8
 2464020 4 TR 2:10-3:00
 F 10:00-11:50
 MEETS: JAN 12-MAY 8
 SOC FOUND U.S. EDUC C I 204 3 CREDITS
 6278005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 6278010 2 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 6278015 3 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 6278020 4 TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 6278025 5 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 6278030 6 TR 8:00-9:15
 MEETS: JAN 12-MAY 8
 6278035 7 MW 2:10-3:30
 MEETS: JAN 12-MAY 8
 ERLY CHLDHD ED ORIE C I 208 1 CREDIT
 Prereq: CLASSIFICATION AS AN ECE MAJOR
 Note: COURSE RESTRICTED TO ECE MAJORS ONLY
 Satisfactory-Fail Only.
 4389005 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 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 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 STRATEGIES IN TCHNG C I 245 2 CREDITS
 Prereq: C I 204; HD FS 220 OR HD FS 224 OR
 HD FS 226 (OR CONCURRENT ENROLLMENT IN ONE OF THESE
 COURSES); CONCURRENT ENROLLMENT IN C I 268;
 SOPHOMORE STANDING
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY
 3238005 1 W 3:10-5:00
 MEETS: JAN 12-MAY 8
 STRATEGIES PRACTICM C I 268 1 CREDIT
 Prereq: 204
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 3240005 1 F 8:00-9:50
 MEETS: JAN 12-MAY 8
 3240010 2 F 10:00-11:50
 MEETS: JAN 12-MAY 8
 3240015 3 F 1:10-3:00
 MEETS: JAN 12-MAY 8
 3240020 4 F 9:00-10:50
 MEETS: JAN 12-MAY 8
 3240025 5 F 11:00-12:50
 MEETS: JAN 12-MAY 8

STRATEGIES PRACTICM C I 268 1 CREDIT
 3240030 6 F 11:00-12:50
 MEETS: JAN 12-MAY 8
 3240035 7 F 9:00-10:50
 MEETS: JAN 12-MAY 8
 3240040 8 F 8:00-9:50
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 6279010 2 ARRANGED
 MEETS: JAN 12-MAY 8
 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 CREDITS -
 PERMISSION OF INSTRUCTOR.
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 6280005 ARRANGED
 MEETS: JAN 12-MAY 8
 PRE-TCH EXP I:MUSIC C I 280K .5 CREDIT
 Satisfactory-Fail Only.
 5673005 ARRANGED
 MEETS: JAN 12-MAY 8
 EXPNRC I:SECNDRY ED C I 280L .5- 2 CREDITS
 Note: MUST RESERVE ONE MORNING OR ONE AFTERNOON
 PER WEEK FOR SITE VISITS.
 Satisfactory-Fail Only.
 2843005 1 M 12:10-1:00, ARRANGED
 MEETS: JAN 12-MAY 8
 EXPNRC I:SECNDY SCI C I 280M 1- 2 CREDITS
 Prereq: FOR 2 CREDITS - PERMISSION OF INSTRUCTOR
 Note: CLASSROOM MEETING DATES JAN. 13 TO MARCH 5
 Satisfactory-Fail Only.
 8266005 1 MW 8:00-8:50, ARRANGED
 MEETS: JAN 12-MAY 8
 EXPER I:LRNG CMUNTY C I 280N 1 CREDIT
 Prereq: PERMISSION OF DEPARTMENT REQUIRED
 Satisfactory-Fail Only.
 7710005 1 W 2:10-3:00, ARRANGED
 MEETS: JAN 12-MAY 8
 EXPERIENC I: ART ED C I 280O 1 CREDIT
 Prereq: PERMISSN OF THE ART AND DESIGN DEPARTMENT
 Satisfactory-Fail Only.
 1904005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 PRE-TCH EXPRC I:ESL C I 280S 1 CREDIT
 Prereq: ADMISSION TO THE UNIVERSITY TEACHER
 EDUCATION PROGRAM
 Satisfactory-Fail Only.
 7941005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 EXP I:TUTOR MATH< C I 280T 1 CREDIT
 Prereq: MATH 195, 196; AND ADMISSION INTO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 9375005 1 TR 3:10-4:50
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 TRANSFR ORIENTATION C I 315 1 CREDIT
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 3250005 1 T 8:00-8:50
 MEETS: JAN 12-MAY 8
 3250010 2 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 ED PSYCH YNG LEARNR C I 332 3 CREDITS
 Prereq: PSYCH 230 OR HD FS 102, OPEN ONLY TO
 MAJORS IN EARLY CHILDHOOD EDUCATION OR ELEMENTARY ED
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY.
 2635005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

CURRICULUM & INSTRUCTION (CONTINUED)

EDUCATIONAL PSYCHOL C I 333 3 CREDITS
 Prereq: PSYCH 230 OR HD FS 102, APPLICATION TO THE TEACHER EDUC PROGRAM OR MAJOR IN PSYCHOLOGY
 Note: COURSE RESTRICTED TO PSYCH, SEC ED MAJORS
 6084005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

RDG&LANG ARTS K-3RD C I 377 4 CREDITS
 Prereq: C I 245, SP ED 250, HD FS 240, HD FS 226 (EL ED MAJORS) OR 221 (ECE MAJORS); CONCURRENT ENR IN 448, 468A, 468C (EL ED) OR 438, 468F, 468G, SP ED 368, HD FS 343 (ECE), ADMISSION TO TEACHER ED PROGRAM
 Note: FOR ECE MAJORS, THE CONCURRENT ENROLLMENT REQUIREMENTS ARE SP ED 368, C I 468F, C I 438, C I 468G. EL ED MAJORS MUST REGISTER FOR THE SAME SECTION NUMBER OF 468A, 468B. RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
 NO MEETINGS 3/25-4/16
 2066005 1 MW 8:00-10:30
 MEETS: JAN 12-MAY 8
 Note: NO MEETINGS MARCH 23 TO APRIL 17. RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO TEACHER EDUCATION.
 2066010 2 MW 11:00-1:30
 MEETS: JAN 12-MAY 8
 Note: NO MEETINGS MARCH 23 TO APRIL 17. RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO TEACHER EDUCATION.
 2066015 3 MW 8:00-10:30
 MEETS: JAN 12-MAY 8
 Note: NO MEETINGS MARCH 23 TO APRIL 17. RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO TEACHER EDUCATION.
 2066020 4 MW 11:00-1:30
 MEETS: JAN 12-MAY 8
 Note: NO MEETINGS MARCH 23 TO APRIL 17. RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO TEACHER EDUCATION.

RDG&LANG ARTS 4TH-6 C I 378 4 CREDITS
 Prereq: 377; CONCURRENT ENRLMNT IN 449,468B,468D
 Note: MUST ENROLL IN SAME SECTION NUMBER OF 449.
 NO MEETINGS 2/16-3/13
 Department permission required 1st week.
 2078005 1 TR 8:00-10:30
 MEETS: JAN 12-MAY 8
 2078010 2 TR 11:00-1:30
 MEETS: JAN 12-MAY 8
 2078015 3 TR 10:00-12:30
 MEETS: JAN 12-MAY 8
 2078020 4 TR 8:00-10:30
 MEETS: JAN 12-MAY 8

MID&SEC SCH READING C I 395 3 CREDITS
 Prereq: 204 AND JUNIOR STANDING
 9656005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

INTRO MLTCULTRL FND C I 406 3 CREDITS
 Prereq: 201 OR 202, 332 OR 333, JUNIOR CLASSIFICATION, ADMISSION TO TEACHER EDUC PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Meets U.S. diversity reqmt
 6292005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 6292010 2 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 6292015 3 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 6292020 4 MW 11:00-12:20
 MEETS: JAN 12-MAY 8
 6292025 5 MW 2:10-3:30
 MEETS: JAN 12-MAY 8

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 UNIVERSITY TEACHER EDUCATION PROGRAM
 COURSE OFFERED FOR 8 CREDITS SPRING 2013
 Department permission required 1st week.
 5054005 1A ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 5054015 1R ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 5054010 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.
 5054020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

CURRICULUM & INSTRUCTION (CONTINUED)

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 OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 COURSE OFFERED FOR 8 CREDITS SPRING 2013
 Department permission required 1st week.
 5056005 1A ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 5056015 1R ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 5056010 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.
 5056020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

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 OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 COURSE OFFERED FOR 8 CREDITS SPRING 2013
 5057005 1A ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 5057015 1R ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 5057010 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.
 5057020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

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 2015
 5053005 ARRANGED
 MEETS: MARCH 9-MAY 8
 5053835 EC ARRANGED LIND L
 MEETS: MARCH 9-MAY 7
 Note: SEC EC TAUGHT IN CUENCA, ECUADOR. STUDENT TEACHING ABROAD SPRING 2015 OFFERED FOR 8 CREDITS. Study Abroad Administrative Fee Applies
 5053800 ID ARRANGED PIERCE A
 MEETS: MARCH 9-MAY 7
 Note: SECT ID TAUGHT IN SUMATRA, INDONESIA. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies
 5053810 IT ARRANGED FAIRCHILD E
 MEETS: MARCH 9-MAY 7
 Note: SECT IT TAUGHT IN ROME, ITALY. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies
 5053820 NO ARRANGED NIDAY D
 MEETS: MARCH 9-MAY 7
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies
 5053815 NZ ARRANGED PIERCE A
 MEETS: MARCH 9-MAY 7
 Note: SECT NZ TAUGHT IN ALEXANDRA, NEW ZEALAND. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies
 5053825 PO ARRANGED BLUMENFELD W
 MEETS: MARCH 9-MAY 7
 Note: SECT PO TAUGHT IN KROSNO, POLAND. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies
 5053805 SP ARRANGED ANDREOTTI A
 MEETS: MARCH 9-MAY 7
 Note: SECT SP TAUGHT IN CACERES, SPAIN. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies
 5053830 TW ARRANGED PIERCE A
 MEETS: MARCH 9-MAY 7
 Note: SECT TW TAUGHT IN KAOSHUNG, TAIWAN. STUDENT TEACHING ABROAD SPRING 2015 OFFERED FOR 8 CREDITS. Study Abroad Administrative Fee Applies

CURRICULUM & INSTRUCTION (CONTINUED)

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 2015

6824005 1 ARRANGED
 MEETS: MARCH 9-MAY 8

6824835 EC ARRANGED LIND L
 MEETS: MARCH 9-MAY 7
 Note: SEC EC TAUGHT IN CUENCA, ECUADOR. STUDENT TEACHING ABROAD SPRING 2015 OFFERED FOR 8 CREDITS. Study Abroad Administrative Fee Applies

6824800 ID ARRANGED PIERCE A
 MEETS: MARCH 9-MAY 7
 Note: SECT ID TAUGHT IN SUMATRA, INDONESIA. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies

6824810 IT ARRANGED FAIRCHILD E
 MEETS: MARCH 9-MAY 7
 Note: SECT IT TAUGHT IN ROME, ITALY. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies

6824820 NO ARRANGED NIDAY D
 MEETS: MARCH 9-MAY 7
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies

6824815 NZ ARRANGED PIERCE A
 MEETS: MARCH 9-MAY 7
 Note: SECT NZ TAUGHT IN ALEXANDRA, NEW ZEALAND. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies

6824825 PO ARRANGED BLUMENFELD W
 MEETS: MARCH 9-MAY 7
 Note: SECT PO TAUGHT IN KROSNO, POLAND. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies

6824805 SP ARRANGED ANDREOTTI A
 MEETS: MARCH 9-MAY 7
 Note: SECT SP TAUGHT IN CACERES, SPAIN. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies

6824830 TW ARRANGED PIERCE A
 MEETS: MARCH 9-MAY 7
 Note: SEC TW TAUGHT IN KAOSHUNG, TAIWAN. STUDENT TEACHING ABROAD SPRING 2015 OFFERED FOR 8 CREDITS. Study Abroad Administrative Fee Applies

STDT TCH SOC ST MID C I 417A VAR. CREDITS
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM OFFERED FOR 8 CREDITS.

8046005 1 ARRANGED
 MEETS: JAN 12-MARCH 6

8046010 2 ARRANGED
 MEETS: MARCH 9-MAY 8

STUDNT TCH PHYS SCI C I 417B VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

9044005 1 ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 1 OFFERED FOR 8 CREDITS SPRING 2015.

9044010 2 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2 OFFERED FOR 8 CREDITS SPRING 2015.

STUDNT TEACHNG MATH C I 417C VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

9045005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 1 OFFERED FOR 14 CREDITS

9045010 2 ARRANGED
 MEETS: JAN 26-MAY 8
 Note: SEC 2 OFFERED FOR 14 CREDITS

9045015 3 ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 3 OFFERED FOR 8 CREDITS. Instructor permission required.

9045020 4 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 4 OFFERED FOR 8 CREDITS. Instructor permission required.

STUDNT TCH BIOL SCI C I 417D VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: COURSE OFFERED FOR 12 CREDITS SPRING 2015

9046005 1 ARRANGED
 MEETS: JAN 12-APRIL 24
 Note: SEC 1 OFFERED FOR 14 CREDITS

9046010 2 ARRANGED
 MEETS: JAN 26-MAY 8
 Note: SEC 2 OFFERED FOR 14 CREDITS

9046015 3 ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 3 OFFERED FOR 8 CREDITS. Instructor permission required.

9046020 4 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Instructor permission required.

CURRICULUM & INSTRUCTION (CONTINUED)

STUDNT TCH ENGL&LIT C I 417E VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

9047005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 1 OFFERED FOR 16 CREDITS

9047010 2 ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 2 OFFERED FOR 8 CREDITS

9047015 3 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 3 OFFERED FOR 8 CREDITS.

9047020 4 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 4 OFFERED FOR 16 CREDITS

9047025 5 ARRANGED
 MEETS: JAN 12-MAY 8

STDT TCH WORLD LANG C I 417G VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

9049005 1 ARRANGED
 MEETS: JAN 12-APRIL 24
 Note: SEC 1 OFFERED FOR 14 CREDITS

9049010 2 ARRANGED
 MEETS: JAN 26-MAY 8
 Note: SEC 2 OFFERED FOR 14 CREDITS

9049015 3 ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 3 OFFERED FOR 8 CREDITS. Instructor permission required.

9049020 4 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 4 OFFERED FOR 8 CREDITS. Instructor permission required.

STDNT TCH EARTH SCI C I 417J VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

9051005 1 ARRANGED
 MEETS: JAN 12-APRIL 24
 Note: SEC 1 OFFERED FOR 14 CREDITS

9051010 2 ARRANGED
 MEETS: JAN 26-MAY 8
 Note: SEC 2 OFFERED FOR 14 CREDITS

9051015 3 ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 3 OFFERED FOR 8 CREDITS. Instructor permission required.

9051020 4 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 4 OFFERED FOR 8 CREDITS. Instructor permission required.

STDNT TCH BASIC SCI C I 417M VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

9054005 1 ARRANGED
 MEETS: JAN 12-APRIL 24
 Note: SEC 1 OFFERED FOR 14 CREDITS

9054010 2 ARRANGED
 MEETS: JAN 26-MAY 8
 Note: SEC 2 OFFERED FOR 14 CREDITS

9054015 3 ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 3 OFFERED FOR 8 CREDITS. Instructor permission required.

9054020 4 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 4 OFFERED FOR 8 CREDITS. Instructor permission required.

STUDENT TCHNG INT'L C I 417N VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: COURSE OFFERED FOR 8 CREDITS.

7301835 EC ARRANGED LIND L
 MEETS: MARCH 9-MAY 7
 Note: SEC EC TAUGHT IN CUENCA, ECUADOR. STUDENT TEACHING ABROAD SPRING 2015 OFFERED FOR 8 CREDITS. Study Abroad Administrative Fee Applies

7301800 ID ARRANGED PIERCE A
 MEETS: MARCH 9-MAY 7
 Note: SECT ID TAUGHT IN SUMATRA, INDONESIA. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies

7301810 IT ARRANGED FAIRCHILD E
 MEETS: MARCH 9-MAY 7
 Note: SECT IT TAUGHT IN ROME, ITALY. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies

7301820 NO ARRANGED NIDAY D
 MEETS: MARCH 9-MAY 7
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies

7301815 NZ ARRANGED PIERCE A
 MEETS: MARCH 9-MAY 7
 Note: SECT NZ TAUGHT IN ALEXANDRA, NEW ZEALAND. STUDENT TEACHING ABROAD SPRING 2015. Study Abroad Administrative Fee Applies

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

STUDENT TCHNG INT'L C I 417N VAR. CREDITS
 7301825 PO ARRANGED BLUMENFELD W
 MEETS: MARCH 9-MAY 7
 Note: SECT PO TAUGHT IN KROSNO, POLAND. STUDENT
 TEACHING ABROAD SPRING 2015.
 Study Abroad Administrative Fee Applies

7301805 SP ARRANGED ANDREOTTI A
 MEETS: MARCH 9-MAY 7
 Note: SECT SP TAUGHT IN CACERES, SPAIN. STUDENT
 TEACHING ABROAD SPRING 2015.
 Study Abroad Administrative Fee Applies

7301830 TW ARRANGED PIERCE A
 MEETS: MARCH 9-MAY 7
 Note: SEC TW TAUGHT IN KAOSHUNG, TAIWAN. STUDENT
 TEACHING ABROAD SPRING 2015 OFFERED FOR 8 CREDITS.
 Study Abroad Administrative Fee Applies

STDT TCH SOC STU HS C I 417P VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

8612005 1 ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 1 OFFERED FOR 8 CREDITS SPRING 2015

8612010 2 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2 OFFERED FOR 8 CREDITS SPRING 2015

STUDNT TCH ELEM MUS C I 417R VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2015

6702005 1 ARRANGED
 MEETS: JAN 12-MARCH 6

6702010 2 ARRANGED
 MEETS: MARCH 9-MAY 8

STUDNT TCHG SEC MUS C I 417S VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2015

6682005 1 ARRANGED
 MEETS: JAN 12-MARCH 6

6682010 2 ARRANGED
 MEETS: MARCH 9-MAY 8

SECNDY SCI METHD II C I 419 2 CREDITS
 Prereq: 347,280M,418; CONCURRENT ENROLLMT IN 468K
 M 5:10-8:00PM
 MEETS: JAN 12-MAY 8
 Note: CONCURRENT ENROLLMENT IN 468K REQUIRED.

PRINCPLS SECNDY ED C I 426 3 CREDITS
 Prereq: 202, SR CLASSIFICATION, ADMISSION TO
 TEACHER EDUCATION PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

6293005 1 W 5:30-8:20PM
 MEETS: JAN 12-MAY 8

SOC STDI PRIM GRADE C I 433 2 CREDITS
 Prereq: C I 377, HD FS 224. CONCURRENT
 ENROLLMENT IN C I 439, SP ED 355, SP ED 455.
 Note: NO MEETINGS FEB 16 TO MARCH 13

4487005 1 W 8:00-10:30
 MEETS: JAN 12-MAY 8

MATH IN PRIMRY GRDS C I 438 2 CREDITS
 Prereq: HD FS 224; MATH 195 (MINIMUM GRADE
 OF C-), MATH 196 (MINIMUM GRADE OF C-). CONCURRENT
 ENROLLMENT IN C I 377, C I 468F, C I 468G, SP ED 368.

4489005 1 MW 9:15-10:30
 MEETS: JAN 12-MAY 8
 Note: NO MEETINGS MARCH 23 TO APRIL 17.

SCI IN PRIMARY GRDS C I 439 2 CREDITS
 Prereq: 377, HD FS 224; CONCURRENT ENROLLMENT IN
 C I 433, C I 468I, SP ED 355, SP ED 455

4491005 1 M 8:00-10:30
 MEETS: JAN 12-MAY 8
 Note: NO MEETINGS FEB 16-MARCH 13

TCHG OF SOC STUDIES C I 443 3 CREDITS
 Prereq: 377
 Note: NO MEETINGS MARCH 24 TO APRIL 18.
 Department permission required 1st week.

3258005 1 TR 1:10-3:00
 MEETS: JAN 12-MAY 8

3258010 2 TR 3:10-5:00
 MEETS: JAN 12-MAY 8

3258015 3 MW 2:10-4:00
 MEETS: JAN 12-MAY 8

TCHNG CHILDREN MATH C I 448 3 CREDITS
 Prereq: MATH 195, 196, CONCURRENT ENROLLMENT IN
 C I 377, 468A, 468C
 Note: NO MEETINGS MARCH 23-APRIL 17
 COURSE REATRICTED TO EL ED MAJORS ONLY
 Department permission required 1st week.

3260005 1 MW 11:00-12:50
 MEETS: JAN 12-MAY 8

3260010 2 MW 9:00-10:50
 MEETS: JAN 12-MAY 8

Note: RESTRICTED TO EL ED MAJORS ONLY

3260015 3 MW 11:00-12:50
 MEETS: JAN 12-MAY 8
 Note: RESTRICTED TO EL ED MAJORS ONLY

TEACHING OF SCIENCE C I 449 3 CREDITS
 Prereq: 377, CONCURRENT ENROLLMENT IN 378, 468B
 468D, JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO EL ED MAJORS ONLY.
 MUST ENROLL IN SAME SECTION NUMBER OF 378.
 NO MEETINGS FEB 16 TO MARCH 13
 Department permission required 1st week.

3261005 1 TR 10:40-12:30
 MEETS: JAN 12-MAY 8

3261010 2 TR 8:30-10:20
 MEETS: JAN 12-MAY 8

3261015 3 TR 1:10-3:00
 MEETS: JAN 12-MAY 8

3261020 4 TR 10:40-12:30
 MEETS: JAN 12-MAY 8

CORRECTIVE READING C I 452 3 CREDITS
 Prereq: 378 OR EQUIV; UNDERGRAD STUDENTS MUST
 REGISTER CONCURRENTLY FOR SP ED 365, 436; GRADUATE
 STUDENTS MUST HAVE A TEACHING LICENSE
 Note: TUTORING TUES, THURS 5:30-6:30

6584005 T 5:10-8:30PM
 R 5:30-6:30PM
 MEETS: JAN 12-MAY 8

EMERG TOPC DGTL TEC C I 454 1- 3 CREDITS
 Prereq: 201 OR 202

9436005 1 ARRANGED
 MEETS: JAN 12-FEB 6
 Note: SEC 1 TOPIC: WHERE IN THE WORLD ARE WE? CLASSROOM
 USERS OF GPS.

9436010 2 ARRANGED
 MEETS: FEB 16-MARCH 13
 Note: SEC 2 TOPIC: USING TECHNOLOGY WITH ENGLISH
 LANGUAGE LEARNERS

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 AND 448 AND 468C.
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 RESTRICTED TO EL ED MAJORS ONLY.
 Department permission required 1st week.

3265005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 23-APRIL 17

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.
 Department permission required 1st week.

3266005 1 TR 7:30-4:30, ARRANGED
 MEETS: FEB 16-MARCH 13

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 2015.
 TAKE CONCURRENTLY WITH 377, 448. RESTRICTED TO
 WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM. RESTRICTED TO EL ED MAJORS
 ONLY.
 Department permission required 1st week.

3267005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 23-APRIL 15

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 2015.
 TAKE CONCURRENTLY WITH 378,449,468B. REQUIRED
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 RESTRICTED TO EL ED MAJORS ONLY.
 Department permission required 1st week.

3268005 1 TR 7:30-4:30, ARRANGED
 MEETS: FEB 16-MARCH 13

EXP II:LITRCY PRMRY C I 468F 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: REQUIRED MEETING - WED, JAN 13 AT 8AM.
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.

4518005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 23-APRIL 17

CURRICULUM & INSTRUCTION (CONTINUED)

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,
 SP ED 368. RESTRICTED TO STUDENTS WITH FULL OR
 TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
 EDUCATION PROGRAM.
 Satisfactory-Fail Only.
 4524005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 23-APRIL 15

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 & SP ED
 355, 455. RESTRICTED TO STUDENTS WITH FULL OR
 TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
 EDUCATION PROGRAM.
 Satisfactory-Fail Only.
 4528005 1 MW 12:10-4:30
 ARRANGED
 MEETS: FEB 16-MARCH 13

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 ARRANGED
 MEETS: JAN 12-MAY 8

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: Department permission required 1st week.
 Satisfactory-Fail Only.
 4300005 TR 7:30-12:20
 MEETS: FEB 16-MARCH 13

EXPERNCE III: MUSIC C I 480K 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2015
 Satisfactory-Fail Only.
 9064005 ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

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: TUTORING ON TUES. & THURS. 5:30-6:30 P.M
 9461005 R 5:10-8:30PM
 T 5:30-6:30PM
 MEETS: JAN 12-MAY 8

INDEP STDY MUSIC ED C I 490A VAR. CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STU CURR CONSTR C I 490C 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STU PRIN EDUC C I 490D 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY METHD TCHG C I 490E 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY EDUC PSYCH C I 490F 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STU DIGITL LRNG C I 490G 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C I 490H 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.

 SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION (CONTINUED)

IND STU MULTICUL ED C I 490J 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STU HIST/SOC SC C I 490K 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STU LITERACY ED C I 490L 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STU MATH EDUC C I 490M 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY FOUND EDUC C I 490O 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

MNG&EVAL TEC INTRVN C I 504 3 CREDITS
 Prereq: 501
 2795005 R 5:10-8:00PM
 MEETS: JAN 12-MAY 8

TCHNOL IN TEACH&LRN C I 505 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2796005 M 5:10-8:00PM
 MEETS: JAN 12-MAY 8

GEOMETRY K-12 CLSRM C I 509 3 CREDITS
 Prereq: C I 448 OR C I 497
 4446005 1 M 5:10-8:00PM
 MEETS: JAN 12-MAY 8

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 W 5:10-8:00PM
 MEETS: JAN 12-MAY 8

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
 2460005 ARRANGED
 MEETS: JAN 12-MAY 8

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 OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2466005 ARRANGED
 MEETS: JAN 12-MAY 8

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 OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2475005 ARRANGED
 MEETS: JAN 12-MAY 8

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 OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2476005 ARRANGED
 MEETS: JAN 12-MAY 8

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 OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2480005 ARRANGED
 MEETS: JAN 12-MAY 8

SECDY SCI METHDS II C I 519 2 CREDITS
 Prereq: 418 OR 518, CONCURRENT ENROLLMENT IN 591D
 2575005 M 5:10-8:00PM
 MEETS: JAN 12-MAY 8

PRIN SECONDARY EDUC C I 526 3 CREDITS
 Prereq: 6 CREDITS IN EDUCATION
 Note: MUST TAKE CONCURRENTLY WITH CI 415
 7724005 1 W 5:30-8:20PM
 MEETS: JAN 12-MAY 8

CURRICULUM & INSTRUCTION (CONTINUED)

APPD MEAS EXP PSYCH C I 534X 3 CREDITS
 Prereq: STAT 401 OR RESEV 542
 9731005 T 4:30-7:00PM
 MEETS: JAN 12-MAY 8

HOW LEARN,TEACH SCI C I 541 3 CREDITS
 Prereq: BACHELOR'S DEGREE
 6701005 1 M 5:10-8:00PM
 MEETS: JAN 12-MAY 8

CORRECTIVE READING C I 552 3 CREDITS
 Prereq: C I 378 OR EQUIV; UNDERGRAD STUDENTS MUST
 REGISTER CONCURRENTLY FOR SP ED 365, SP ED 436;
 GRADUATE STUDENTS MUST HAVE A TEACHING LICENSE
 Note: TUTORING ON TUES. & THURS. 5:30-6:30 P.M
 3276005 T 5:10-8:30PM
 R 5:30-6:30PM
 MEETS: JAN 12-MAY 8

RDG&RSPND CHILD LIT C I 554 3 CREDITS
 Prereq: SENIOR STATUS OR TEACHING LICENSE
 1672005 M 5:30-8:30PM
 MEETS: JAN 12-MAY 8

LITRCY POLCY&PRACTC C I 565 3 CREDITS
 Prereq: GRADUATE STANDING
 9571005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

SUPVS TUTOR READING C I 588 3 CREDITS
 Prereq: GRADUATE STATUS, TEACHING LICENSE AND
 CONCURRENT ENROLMENT IN OR COMPLETION OF ONE COURSE
 CORRECTIVE READING; DIAGNOSIS AND CORRECTION OF
 READING PROBLEMS
 Note: COURSE RESTRICTED TO GRADS ONLY.
 9245005 1 R 5:10-8:30PM
 T 5:30-6:30PM
 MEETS: JAN 12-MAY 8
 Note: TUTORING ON TUES. & THURS. 5:30-6:30 P.M

SPCL TOP CURRICULUM C I 590A 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP DIGITL LRNG C I 590B 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP SCIENCE EDUC C I 590C 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SEC EDUC C I 590D 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP MULTICULT ED C I 590F 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS MATH EDUC C I 590G 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS ELEM ED C I 590I 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WORLD LANGU C I 590J 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EDUC PSYCH C I 590K 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL STDI C I 590L 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LITERACY ED C I 590M 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FIELD EXP 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 2015.
 5058005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 1 FOR SCIENCE STUDENTS

SUPV EXPERC:LITERCY C I 591M 1- 6 CREDITS
 Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA
 Note: OFFERED FOR 2 CREDITS SPRING 2014
 9156005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

CURRICULUM & INSTRUCTION (CONTINUED)

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

ED INQUIRY IN ACT C I 602 3 CREDITS
 Prereq: C I 601
 4948005 R 5:30-8:30PM
 MEETS: JAN 12-MAY 8

ADV LRN ENVIR DSIGN C I 603 3 CREDITS
 Prereq: 503
 2926005 T 5:10-8:00PM
 MEETS: JAN 12-MAY 8

SEMNAR DIGITL LEARN C I 615B 1 CREDIT
 5264005 W 4:10-5:00
 MEETS: JAN 12-MAY 8

ADV SPCL TOP CURRIC C I 690A VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP DGTL LRN C I 690B VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SCI ED C I 690C VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SEC ED C I 690D VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MLTICUL C I 690F VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MATH ED C I 690G VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TP WRL LANG C I 690J VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP ED PSYC C I 690K VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP SOC STU C I 690L VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LITERACY ED C I 690M VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION (CONTINUED)

RESEARCH CURRICULUM C I 699A VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH DIGITAL LEARN C I 699B VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SCIENCE EDUC C I 699C VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SECNDRY EDUC C I 699D VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MULTICULTURL ED C I 699F VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MATH EDUC C I 699G VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ELEM EDUC C I 699I VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH WRLD LANGU ED C I 699J VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH EDUC PSYCHOL C I 699K VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOC STUDI ED C I 699L VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH LITERACY ED C I 699M VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

DANCE

MODERN DANCE I DANCE 120 1 CREDIT
 Satisfactory-Fail Only.
 2838005 1 MW 11:00-12:20
 MEETS: JAN 12-MAY 8

BALLET I DANCE 130 1 CREDIT
 Satisfactory-Fail Only.
 2839005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

JAZZ I DANCE 140 1 CREDIT
 Satisfactory-Fail Only.
 2840005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

BALLROOM DANCE I DANCE 160 1 CREDIT
 Satisfactory-Fail Only.
 2842005 1 TR 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1 FOR MEN ONLY. MEETS WITH SEC 2
 2842010 2 TR 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC 2 FOR WOMEN ONLY. MEETS WITH SEC 1
 2842015 3 TR 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 3 FOR MEN ONLY. MEETS WITH SEC 4
 2842020 4 TR 11:00-11:50
 MEETS: JAN 12-MAY 8
 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 2015
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2845005 1 ARRANGED
 MEETS: JAN 12-MAY 8

FUND SOCIAL&WORLD D DANCE 211 2 CREDITS
 Note: COURSE RESTRICTED TO EX SP, KIN H MAJORS
 9612005 1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

MODERN DANCE III DANCE 223 1 CREDIT
 Prereq: 222
 2848005 1 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

DANCE (CONTINUED)

CONCERT&THRE DANCE DANCE 224 .5- 2 CREDITS
 Prereq: BY AUDITION ONLY
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2849005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY
 2849010 2 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
 2849015 3 ARRANGED
 MEETS: JAN 12-MAY 8
 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 12-MAY 8

JAZZ II DANCE 242 1 CREDIT
 Prereq: PREVIOUS JAZZ DANCE EXPERIENCE
 2852005 1 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

DANCE APPRECIATION DANCE 270 3 CREDITS
 2855005 1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

SOUND AND MOVEMENT DANCE 320 3 CREDITS
 Prereq: 220
 2856005 1 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

HIST &PHIL OF DANCE DANCE 360 3 CREDITS
 Prereq: 270
 2857005 1 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

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 12-MAY 8

TCHG CHILDRN'S DANCE DANCE 384 2 CREDITS
 2859005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

TCHNG TECHNIQ &COMP DANCE 386 2 CREDITS
 Prereq: 320
 2861005 1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY DANCE 490 1- 3 CREDITS
 Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR
 Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SPRING 2013.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY DANCE 490H 1- 3 CREDITS
 Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DESIGN

DESIGN STUDIO I DES 240 2 CREDITS
 Prereq: DSN S 102, DSN S 131 AND DSN S 183
 4959005 1 TR 12:40-4:00
 MEETS: JAN 12-MARCH 6
 4959010 2 TR 12:40-4:00
 MEETS: MARCH 9-MAY 8
 4959015 3 MW 5:10-8:30PM
 MEETS: MARCH 9-MAY 8

DESIGN FORUM DES 250 2 CREDITS
 Prereq: DSN S 102, DSN S 131, DSN S 183,
 CREDIT OR CONCURRENT ENROLLMENT IN DES 230
 4960005 W 1:10-3:00
 MEETS: JAN 12-MAY 8

DESIGN FIELD STUDY DES 259X R CREDIT
 Prereq: 2 CREDITS IN DES 240 OR CONCURRENT
 ENROLLMENT IN 240
 Satisfactory-Fail Only.
 9493005 ARRANGED
 MEETS: MARCH 7-8
 Note: Field trips & travel fee \$50.00-\$150.00

DESIGN STUDIO II DES 340 2 CREDITS
 Prereq: 4 CREDITS OF DES 240
 6434005 1 TR 9:00-12:20
 MEETS: JAN 12-MARCH 6
 6434010 2 MW 9:00-12:20
 MEETS: MARCH 9-MAY 8
 6434015 3 TR 9:00-12:20
 MEETS: MARCH 9-MAY 8
 6434020 4 MW 5:10-8:30PM
 MEETS: JAN 12-MARCH 6

DESIGN

(CONTINUED)

CAPSTONE EXPERIENCE DES 495 4 CREDITS
 Prereq: 2 CREDITS OF DES 340; CLASSIFICATION
 AS DES MAJOR
 8101005 TR 12:40-4:00
 MEETS: JAN 12-MAY 8

DESIGN STUDIES

DESIGN STUDIO I DSN S 102 4 CREDITS
 Note: ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE OF
 DESIGN MAJORS. EVEN-NUMBERED SECTIONS RESTRICTED TO
 COLLEGES OTHER THAN DESIGN.

8050005 1 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050010 2 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050015 3 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050020 4 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050025 5 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050030 6 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050035 7 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050040 8 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050045 9 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050050 10 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050055 11 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050060 12 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050065 13 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050070 14 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050075 15 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 8050080 16 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8

MUENCH J

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 12-MAY 8

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 25

DESIGN REPRESENTATN DSN S 131 4 CREDITS
 Note: ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE OF
 DESIGN MAJORS. EVEN-NUMBERED SECTIONS RESTRICTED TO
 COLLEGES OTHER THAN DESIGN.

Instructor permission required 1st week.
 2124005 1 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124010 2 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124015 3 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124020 4 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124025 5 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124030 6 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124035 7 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124040 8 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8

DESIGN STUDIES

(CONTINUED)

DESIGN REPRESENTATN DSN S 131 4 CREDITS
 2124045 9 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124050 10 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124055 11 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124060 12 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124065 13 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124070 14 TR 11:00-1:50
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124075 15 TR 11:00-1:50
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 2124080 16 TR 11:00-1:50
 TR 3:40-4:30
 MEETS: JAN 12-MAY 8

DESIGN CULTURES DSN S 183 3 CREDITS
 5945005 1 TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1 FOR MAJORS OTHER THAN COLLEGE OF DESIGN
 5945010 2 TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC 2 RESTRICTED TO DESIGN COLLEGE MAJORS

DIGTL DSGN CMUNICA DSN S 232 3 CREDITS
 2087005 1 TR 5:30-6:50PM
 MEETS: JAN 12-MAY 8
 2087040 2 TR 5:30-6:50PM
 MEETS: JAN 12-MAY 8

STDY ABRD PREP SEMN DSN S 301 1 CREDIT
 Satisfactory-Fail Only.
 7396005 1 M 6:00-6:50PM
 MEETS: JAN 12-MAY 8

DESIGN LEADRSHIP SEM DSN S 302 2 CREDITS
 Prereq: SELECTION AS A PEER MENTOR FOR THE CORE
 DESIGN PROGRAM
 Satisfactory-Fail Only.
 8568005 1 T 6:10-7:00PM
 ARRANGED
 MEETS: JAN 12-MAY 8
 8568010 2 W 6:10-7:00PM
 ARRANGED
 MEETS: JAN 12-MAY 8

HOLLAND B
 HOLLAND B

PRACTICAL EXPERIENC DSN S 310 R CREDIT
 Prereq: PERMISSION OF ADVISER OR COORDINATOR
 OF DESIGN STUDIES
 5669005 ARRANGED
 MEETS: JAN 12-MAY 8

MLT-D DGTL DSN COMM DSN S 332X 3 CREDITS
 Prereq: ARCH 230, ARTGR 275, DSN S 232, OR
 PERMISSION OF INSTRUCTOR
 8135005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

PREDICT TRENDS DSGN DSN S 391X 3 CREDITS
 9729005 MW 3:10-4:30
 MEETS: JAN 12-MAY 8

ADV LAND ARC DESIGN DSN S 404 6 CREDITS
 Prereq: L A 401
 Note: Instructor permission required 1st week.
 3474005 ARRANGED
 MEETS: JAN 12-MAY 8
 3474800 IT ARRANGED
 MEETS: JAN 12-MAY 6
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2015.
 OFFERED FOR 6 CREDITS
 Study Abroad Administrative Fee Applies

MARTIN M

ADV LAND ARC DESIGN DSN S 404H 6- 7 CREDITS
 Prereq: L A 401. MEMBERSHIP IN UNIV HONORS PROG.
 Note: Instructor permission required.
 7151005 ARRANGED
 MEETS: JAN 12-MAY 8

7151800 IT ARRANGED
 MEETS: JAN 12-MAY 6
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2015.

MARTIN M

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

DESIGN STUDIES

(CONTINUED)

INDEPN STUDY DESIGN DSN S 490D 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENTREPRN DSN S 490E 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY SOC/BEHV DSN S 490F 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

SPL TP ITALIAN CULT DSN S 492 1 CREDIT
 Prereq: ENROLLMENT IN THE COLLEGE OF DESIGN ROME
 STUDY ABROAD PROGRAM
 6821800 IT ARRANGED SCHNEIDER P
 MEETS: JAN 12-MAY 6
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2015.
 OFFERED FOR 1 CREDIT
 Study Abroad Administrative Fee Applies

INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS
 Prereq: GRADUATE OR SENIOR STANDING IN THE
 COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO DESIGN COLLEGE GRAD STUDENTS
 2878005 1 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

2878010 2 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

2878015 3 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

2878020 4 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

2878025 5 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

2878030 6 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

2878035 7 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

2878040 8 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

2878045 9 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

2878805 IT ARRANGED
 MEETS: JAN 12-MAY 6
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2015.
 OFFERED FOR 6 CREDITS.
 PLEASE NOTE*** SECTION IT DOES NOT HAVE A SPECIAL
 COURSE FEE ASSESSED. THIS FEE IS WAIVED FOR SECTION
 IT.
 Study Abroad Administrative Fee Applies
 2878800 PE ARRANGED CARDINAL-PETT C
 MEETS: MARCH 12-23
 Note: SEC PE TAUGHT IN LIMA, CUZCO & MACHU
 PICCHU, PERU MARCH 12-23 STUDY ABROAD SPRING
 2015.
 PLEASE NOTE*** SECTION PE DOES NOT HAVE A SPECIAL
 COURSE FEE ASSESSED. THIS FEE IS WAIVED FOR SECTION
 PE.
 Study Abroad Administrative Fee Applies

2878050 10 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

2878055 11 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

2878060 12 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

2878065 13 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

2878070 14 MWF 1:20-5:20
 ARRANGED
 MEETS: JAN 12-MAY 8

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

ECOLOGY & EVOLUTIONARY BIOLOGY

EXTENDED FIELD TRIP EEB 585 2 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: Instructor permission required 1st week.
 7859005 T 2:30-4:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

SPECIAL TOPICS EEB 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND INSTR PERMISSN

 SEE DEPT FOR REFERENCE NUMBERS

SEMINAR EEB 698 1 CREDIT
 7861005 1 ARRANGED
 MEETS: JAN 12-MAY 8

RESEARCH EEB 699 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

ECOLOGY, EVOLUTION & ORGANISMAL BIOL

ADV ANIMAL BEHAVIOR EEOB 507 3 CREDITS
 Prereq: GRAD STANDING, BIOL 354, OR INSTR PERMISS
 7117005 TR 1:10-2:30
 MEETS: JAN 12-MAY 8

CONSERVATION BIOLGY EEOB 531 3 CREDITS
 Prereq: BIOL 312; BIOL 313 OR GRADUATE STANDING
 2644005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

INTRO DNA TECHNIQS EEOB 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7105005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-FEB 12

INTR PROTEIN TECHNQ EEOB 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7109005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: FEB 17-MARCH 26

INTRO CELL TECHNIQS EEOB 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7119005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 31-APRIL 30

INTR PLNT TRNSFM TQ EEOB 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Note: MEETS JAN 21-FEB 4 AND MARCH 25-APRIL 17
 Satisfactory-Fail Only.
 7120005 WF 12:30-4:00
 MEETS: JAN 21-APRIL 17

BRYOPHYT&LICHN DVRS EEOB 555 3 CREDITS
 Prereq: BIOL 212, BIOL 212L
 8952005 MR 6:10-8:30PM
 MEETS: JAN 12-MAY 8

MOLEC PHYLOGENETICS EEOB 563 3 CREDITS
 Prereq: BIOL 313, BIOL 315
 7054005 TR 9:00-10:50
 MEETS: JAN 12-MAY 8

WETLAND ECOLOGY EEOB 564 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 2126005 TR 3:45-5:00
 MEETS: JAN 12-MAY 8

ADVANCD SYSTEMATICS EEOB 568 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7065005 ARRANGED CLARK L
 MEETS: JAN 12-MAY 8

FUNCTIONAL ECOLOGY EEOB 576 3 CREDITS
 Prereq: BIOL 312
 2130005 TR 2:10-3:25
 MEETS: JAN 12-MAY 8

COMMUNITY ECOLOGY EEOB 585 3 CREDITS
 Prereq: BIOL 312
 Note: Instructor permission required 1st week.
 2133005 ARRANGED
 MEETS: JAN 12-MAY 8

SPCL TOPICS ECOLOGY EEOB 590A 1- 3 CREDITS
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION

 SEE DEPT FOR REFERENCE NUMBERS

ECOLOGY, EVOLUTION & ORGANISMAL BIOL (CONTINUED)

SPL TOP EVOLUT BIOL EEOB 590B 1- 3 CREDITS
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ORGNM BIOL EEOB 590C 1- 3 CREDITS
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT EEOB 599 VAR. CREDITS
 2145005 ARRANGED
 MEETS: JAN 12-MAY 8

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 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 3100010 2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 3100015 3 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 3100020 4 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 3100025 5 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 3100030 6 MW 6:10-7:30PM
 MEETS: JAN 12-MAY 8
 3100600 XW ARRANGED GUNDERSEN L
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

PRIN MACROECONOMICS ECON 102 3 CREDITS
 Prereq: ECON 101 RECOMMENDED
 3099005 1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099010 2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099015 3 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099020 4 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099025 5 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099030 6 TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099600 XW ARRANGED GUNDERSEN L
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

APPL ECON OPTIMIZTN ECON 207 3 CREDITS
 Prereq: MATH 151, MATH 160, MATH 165 OR
 EQUIVALENT
 2753005 1 MW 10:00-10:50
 W 3:10-5:00
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 2753010 2 MW 10:00-10:50
 W 1:10-3:00
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 2753015 3 MW 10:00-10:50
 R 3:10-5:00
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3177010 2 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

ECONOMICS (CONTINUED)

INTRO AGRI MARKETS ECON 235 3 CREDITS
 Prereq: ECON 101
 3174005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3174010 2 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

COOPERATIVE EDUC ECON 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 Note: Instructor permission required.
 4834005 1 ARRANGED
 MEETS: JAN 12-MAY 8

INTERMED MICROECON ECON 301 3- 4 CREDITS
 Prereq: ECON 101; ECON 207 OR MATH 166
 Note: COURSE OFFERED FOR 4 CREDITS SPRING 2015.
 3101005 1 MWF 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8

INTERMED MACROECON ECON 302 3 CREDITS
 Prereq: ECON 101, ECON 102; MATH 160 OR MATH 165
 3102005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ECONOMICS OF SPORTS ECON 313 3 CREDITS
 Prereq: ECON 101
 4910005 1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

ECON OF DISCRIMINAT ECON 321 3 CREDITS
 Prereq: ECON 101
 Note: Meets U.S. diversity reqmt
 3116005 1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

ENTREPRENEURSHIP AG ECON 334 3 CREDITS
 Prereq: ECON 101
 6836005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 6836010 2 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

AGRICULTRL MARKETNG ECON 337 3 CREDITS
 Prereq: ECON 101; ECON 235 IS RECOMMENDED.
 2316005 1 TR 9:30-10:20
 T 2:10-4:00
 MEETS: JAN 12-MAY 8

PUBLIC FINANCE ECON 344 3 CREDITS
 Prereq: ECON 101
 3111005 1 T 6:10-9:00PM
 MEETS: JAN 12-MAY 8

MONEY, BANK, FIN INST ECON 353 3 CREDITS
 Prereq: ECON 101, ECON 102
 3103005 1 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

RURAL PRPRTY APPRSL ECON 364 3 CREDITS
 Prereq: 101
 8902005 1 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

ECONOMICS (CONTINUED)

ECONOMICS (CONTINUED)

INTRO ECONOMETRICS ECON 371 4 CREDITS
 Prereq: ECON 301, ECON 302 OR ECON 353, STAT 326
 2790005 1 MF 2:10-3:00
 W 2:10-4:00
 MEETS: JAN 12-MAY 8

RETIREM PLN&BENEFTS ECON 378 3 CREDITS
 Prereq: 3 CR PRIN OF ECONOMICS, 3 CR IN HD FS
 Note: Meets U.S. diversity reqmt
 5750005 MWF 12:10-1:00 GUDMUNSON C
 MEETS: JAN 12-MAY 8

ENVIR &RESOURC ECON ECON 380 3 CREDITS
 Prereq: ECON 101
 3180005 1 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

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 12-MAY 8

ECONMIES INDIA&CHIN ECON 387 3 CREDITS
 Prereq: ECON 101
 Note: Meets international perspectives reqmt
 3123005 1 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

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 12-MAY 8

INDUSTRIAL ORGANZTN ECON 416 3 CREDITS
 Prereq: ECON 301
 3184005 1 TR 2:10-3:25
 MEETS: JAN 12-MAY 8

COMMOD MKTG&RISK MG ECON 437 3 CREDITS
 Prereq: ECON 235, ECON 301, STAT 326
 7572005 1 TR 9:30-10:45
 MEETS: JAN 12-MAY 8

INTERNATNAL FINANCE ECON 457 3 CREDITS
 Prereq: ECON 302
 Note: Meets international perspectives reqmt
 5250005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

INTERMD ENVIR&RESOU ECON 480 3 CREDITS
 Prereq: ECON 301 OR ECON 501
 3187005 1 TR 11:00-12:15
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ECON TRAVEL COURSE ECON 496 1- 3 CREDITS
 Prereq: SOPHOMORE STATUS, PERMISSION OF INSTRUCTR
 Note: Meets international perspectives reqmt
 5225800 AR ARRANGED LUVAGA E
 MEETS: MARCH 13-22
 Note: SEC AR TAUGHT IN ARGENTINA. TOPIC:
 AGRICULTURAL PRODUCTION, BUSINESS AND TRADE IN
 ARGENTINA. SPRING 2015 - TRAVEL MARCH 13-22
 VARIABLE CREDITS 1-2.
 Study Abroad Administrative Fee Applies

COOPERATIVE EDUC ECON 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 Note: Permission of adviser required.
 4836005 1 ARRANGED
 MEETS: JAN 12-MAY 8

EXPERMNTL ECONOMICS ECON 510 3 CREDITS
 Prereq: ECON 501 OR ECON 601
 4909005 M 6:10-9:00PM
 MEETS: JAN 12-MAY 8

PUBLIC ECONOMICS ECON 545 3 CREDITS
 Prereq: ECON 501 OR ECON 601
 3137005 1 TR 2:10-3:25
 MEETS: JAN 12-MAY 8

INTERMED ECONOMETRC ECON 571 3 CREDITS
 Prereq: ECON 500
 9077005 1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

INTERMD ENVIR&RESOU ECON 580 3 CREDITS
 Prereq: ECON 301 OR ECON 501
 7643005 1 TR 11:00-12:15
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS ECON 590 1- 5 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ECON 599 1- 5 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MACROECON ANALYSIS ECON 602 4 CREDITS
 Prereq: ECON 301, ECON 302, PREVIOUS OR
 CONCURRENT ENROLLMENT IN 600 AND PERMISSION OF
 DIRECTOR OF GRADUATE EDUCATION
 Note: Department permission required.
 3126005 1 TR 9:30-11:20
 F 3:10-5:00
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

MICROECON ANALYS II ECON 603 4 CREDITS
 Prereq: ECON 601, ECON 602 AND PERMISSION OF
 DIRECTOR OF GRADUATE EDUCATION
 Note: Department permission required.
 3125005 1 MW 1:10-3:00
 F 1:10-3:00
 MEETS: JAN 12-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

GAME THEORY ECON 618 3 CREDITS
 Prereq: ECON 603, OR ECON 501 AND PERMISSION OF
 INSTRUCTOR
 9532005 1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

AGRICULTURL ECON II ECON 642 3 CREDITS
 Prereq: ECON 603
 2944005 1 TR 11:00-12:15
 MEETS: JAN 12-MAY 8

INTERNATNAL FINANCE ECON 657 3 CREDITS
 Prereq: ECON 602
 3141005 1 MW 2:10-3:25
 MEETS: JAN 12-MAY 8

ECONOMETRICS II ECON 672 4 CREDITS
 Prereq: ECON 671
 3146005 1 MW 11:00-12:50
 F 11:00-12:50
 MEETS: JAN 12-MAY 8

MICROECONOMETRICS ECON 673 3 CREDITS
 Prereq: ECON 672, ECON 601
 7404005 1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

ADV RESOURCE ECON ECON 680 3 CREDITS
 Prereq: ECON 603
 3204005 1 TR 9:30-10:45
 MEETS: JAN 12-MAY 8

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 12-MAY 8

ECONOMICS (CONTINUED)

WORKSHOP ECON 693 1- 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN CHOSEN FIELD
 Satisfactory-Fail Only.
 8649005 1 ARRANGED
 MEETS: JAN 12-MAY 8

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

CREATV COMPON DEVEL EDADM 599 1- 3 CREDITS
 Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS EDADM 690 1- 3 CREDITS
 Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

DISSERTATN RESEARCH EDADM 699 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL LEADERSHIP & POLICY ST

SOC JUSTC FIELD EXP EL PS 591 1- 3 CREDITS
 Prereq: EL PS 620
 7094005 ARRANGED
 MEETS: JAN 12-MAY 8

CAPSTONE EXPERIENCE EL PS 616 3 CREDITS
 Prereq: 4 CREDITS OF EL PS 615
 ***** SEE DEPT FOR REFERENCE NUMBERS

PEDAGOGI OF DISSENT EL PS 621 3 CREDITS
 Prereq: EL PS 620
 8899005 T 2:10-5:00
 MEETS: JAN 12-MAY 8

CRITICL RACE THEORY EL PS 624 1- 3 CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2015
 2658005 T 5:10-8:00PM
 MEETS: JAN 12-MAY 8

ELECTRICAL ENGINEERING

PRO PROG ORIENTATN E E 166 R CREDIT
 Note: COURSE RESTRICTED TO E E AND CPR E MAJORS ONLY.
 DISCUSSIONS WILL MEET EVERY OTHER WEEK.

2887005 A T 2:10-3:00
 MEETS: JAN 12-MAY 8

2887010 B T 2:10-3:00
 MEETS: JAN 12-MAY 8

2887015 C T 3:10-4:00
 MEETS: JAN 12-MAY 8

2887020 D T 3:10-4:00
 MEETS: JAN 12-MAY 8

2887025 E R 2:10-3:00
 MEETS: JAN 12-MAY 8

INTR EE&PROB SOLV I E E 185 3 CREDITS
 Prereq: CREDIT OR ENROLLMNT IN MATH 142/MATH 145X
 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 MW 9:00-9:50
 W 4:10-6:00PM
 MEETS: JAN 12-MAY 8

3880010 B MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

6239010 B R 12:10-2:00
 MEETS: JAN 12-MAY 8

6239015 C R 2:10-4:00
 MEETS: JAN 12-MAY 8

ELECTRIC CIRCUITS E E 201 4 CREDITS
 Prereq: CR OR REGISTRATN IN MATH 267 AND PHYS 222
 Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION

2120005 A MWF 10:00-10:50
 T 2:10-5:00
 MEETS: JAN 12-MAY 8

2120010 B MWF 10:00-10:50
 R 8:00-10:50
 MEETS: JAN 12-MAY 8

2120015 C MWF 10:00-10:50
 W 2:10-5:00
 MEETS: JAN 12-MAY 8

2120020 D MWF 2:10-3:00
 W 11:00-1:50
 MEETS: JAN 12-MAY 8

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRIC CIRCUITS E E 201 4 CREDITS
 2120025 E MWF 2:10-3:00
 R 5:10-8:00PM
 MEETS: JAN 12-MAY 8

2120030 F MWF 2:10-3:00
 F 9:00-11:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

5064010 B TR 4:10-5:30
 W 12:10-3:00
 MEETS: JAN 12-MAY 8

5064015 C TR 4:10-5:30
 F 9:00-11:50
 MEETS: JAN 12-MAY 8

5064020 D TR 4:10-5:30
 W 9:00-11:50
 MEETS: JAN 12-MAY 8

5064025 E TR 4:10-5:30
 F 12:10-3:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

4639010 B MWF 4:10-5:00
 T 11:00-1:50
 MEETS: JAN 12-MAY 8

4639015 C MWF 4:10-5:00
 T 5:10-8:00PM
 MEETS: JAN 12-MAY 8

4639020 D MWF 4:10-5:00
 W 8:00-10:50
 MEETS: JAN 12-MAY 8

4639025 E MWF 4:10-5:00
 W 5:10-8:00PM
 MEETS: JAN 12-MAY 8

4639030 F MWF 4:10-5:00
 R 11:00-1:50
 MEETS: JAN 12-MAY 8

4639035 G MWF 4:10-5:00
 F 12:10-3:00
 MEETS: JAN 12-MAY 8

TRANSFER ORIENTATIO E E 261 R CREDIT
 Satisfactory-Fail Only.

9197005 T 11:00-11:50
 MEETS: JAN 12-MAY 8

PROB SOLV MTHD&TOOL E E 285 4 CREDITS

2505005 A MWF 12:10-1:00
 T 8:00-9:50
 MEETS: JAN 12-MAY 8

2505010 B MWF 12:10-1:00
 T 4:10-6:00PM
 MEETS: JAN 12-MAY 8

2505015 C MWF 12:10-1:00
 W 8:00-9:50
 MEETS: JAN 12-MAY 8

2505020 D MWF 12:10-1:00
 W 10:00-11:50
 MEETS: JAN 12-MAY 8

2505025 E MWF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 12-MAY 8

2505030 F MWF 10:00-10:50
 R 8:00-9:50
 MEETS: JAN 12-MAY 8

2505035 G MWF 10:00-10:50
 W 6:10-8:00PM
 MEETS: JAN 12-MAY 8

PROGRAM DISCOVERY E E 294 R CREDIT
 Prereq: E E 166 OR CPR E 166
 Satisfactory-Fail Only.

5380005 ARRANGED
 MEETS: JAN 12-MAY 8

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

ENRGY SYS&PWR ELTRN E E 303 3 CREDITS
 Prereq: MATH 267, PHYS 222; CREDIT OR REGISTRATN
 IN E E 224 AND E E 230

3415005 TR 8:00-9:20
 MEETS: JAN 12-MAY 8

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

ELECTROMG FLD&WAVES E E 311 4 CREDITS
 Prereq: E E 201, MATH 265, PHYS 222, CREDIT OR
 REGISTRATION IN MATH 267
 2889005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 2889600 XE ARRANGED MINA M
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

ELECTMAG NON-EL ENG E E 314 3 CREDITS
 Prereq: PHYS 222, E E 112, OR EQUIVALENT
 8652005 MW 3:10-4:30
 MEETS: JAN 12-MAY 8

PROBAB MTH,ELEC ENG E E 322 3 CREDITS
 Prereq: E E 224
 3424005 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

INT DIGT SNGL PROC E E 323 4 CREDITS
 Prereq: E E 224
 7977005 A TR 8:00-9:20
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 7977010 B TR 8:00-9:20
 W 6:10-9:00PM
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 2192010 B MWF 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 12-MAY 8
 2192015 C MWF 2:10-3:00
 R 5:10-8:00PM
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 5635010 B MWF 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 12-MAY 8
 5635015 C MWF 9:00-9:50
 R 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 5635020 D MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 5635025 E MWF 9:00-9:50
 F 1:10-4:00
 MEETS: JAN 12-MAY 8
 5635030 F MWF 9:00-9:50
 F 10:00-12:50
 MEETS: JAN 12-MAY 8
 5635035 G MWF 9:00-9:50
 M 3:10-6:00PM
 MEETS: JAN 12-MAY 8

SEMICND MTRLS&DEVIC E E 332 3 CREDITS
 Prereq: PHYS 222; ADDITIONAL PREREQ FOR MAT E
 MAJORS: MAT E 334; ADDITIONAL PREREQ FOR E E AND
 CPR E MAJORS: E E 230
 2195005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

ANALYS ENERGY SYSTM E E 351 3 CREDITS
 Prereq: PHYS 222
 Note: Meets international perspectives reqmt
 8412005 MW 4:10-5:20
 MEETS: JAN 12-MAY 8

PROGRAM EXPLORATION E E 394 R CREDIT
 Prereq: E E 294 OR CPR E 294
 Note: COURSE RESTRICT TO JUNIORS AND SENIORS
 Satisfactory-Fail Only.
 5403005 ARRANGED
 MEETS: JAN 12-MAY 8

ENGR INTERNSHIP E E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC E E 398 R CREDIT
 Prereq: E E 298, PERMISSION OF DEPARTMENT AND
 ENGINEER CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

ELMAG RAD,ANTN,PRPG E E 417 4 CREDITS
 Prereq: E E 311
 2900005 A MWF 11:00-11:50
 W 8:00-10:50
 MEETS: JAN 12-MAY 8
 2900010 B MWF 11:00-11:50
 R 3:30-6:30PM
 MEETS: JAN 12-MAY 8

COMMUNICT SYSTMS II E E 422 3 CREDITS
 Prereq: E E 321 AND ENROLLMENT IN E E 423
 2902005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

COMMUNIC SYSTMS LAB E E 423 1 CREDIT
 Prereq: E E 421, ENROLLMENT IN E E 422
 2903005 A T 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 2903010 B F 3:10-6:00PM
 MEETS: JAN 12-MAY 8

MICROELEC FABRICATN E E 432 4 CREDITS
 Prereq: PHYS 222, MATH 267, E E 332 OR MAT E
 334 RECOMMENDED.
 9222005 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 2906010 B MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 2906015 C MWF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 12-MAY 8

OPTOELECTN DEVIC&APP E E 438 3 CREDITS
 Prereq: E E 311, E E 332
 7182005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 7182600 XE ARRANGED KIM J
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

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 12-MARCH 6
 4723010 B MWF 4:10-5:00
 W 2:10-4:00
 MEETS: JAN 12-MARCH 6
 4723015 C MWF 4:10-5:00
 W 8:00-9:50
 MEETS: JAN 12-MARCH 6
 4723020 D MWF 4:10-5:00
 R 10:00-11:50
 MEETS: JAN 12-MARCH 6
 4723025 E MWF 4:10-5:00
 R 12:10-2:00
 MEETS: JAN 12-MARCH 6
 4723030 F MWF 4:10-5:00
 R 6:10-8:00PM
 MEETS: JAN 12-MARCH 6
 4723035 G MWF 4:10-5:00
 F 10:00-11:50
 MEETS: JAN 12-MARCH 6
 4723040 J MWF 4:10-5:00
 T 10:00-11:50
 MEETS: JAN 12-MARCH 6
 4723045 K MWF 4:10-5:00
 W 10:00-11:50
 MEETS: JAN 12-MARCH 6
 4723050 L MWF 4:10-5:00
 T 6:10-8:00PM
 MEETS: JAN 12-MARCH 6
 4723055 M MWF 4:10-5:00
 R 8:00-9:50
 MEETS: JAN 12-MARCH 6
 4723600 XE ARRANGED AMARIUCAI G
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

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 9-MAY 8

4775010 B MWF 4:10-5:00
 W 2:10-4:00
 MEETS: MARCH 9-MAY 8

4775015 C MWF 4:10-5:00
 W 8:00-9:50
 MEETS: MARCH 9-MAY 8

4775020 D MWF 4:10-5:00
 R 10:00-11:50
 MEETS: MARCH 9-MAY 8

4775025 E MWF 4:10-5:00
 R 12:10-2:00
 MEETS: MARCH 9-MAY 8

4775030 F MWF 4:10-5:00
 R 6:10-8:00PM
 MEETS: MARCH 9-MAY 8

4775035 G MWF 4:10-5:00
 F 10:00-11:50
 MEETS: MARCH 9-MAY 8

4775040 J MWF 4:10-5:00
 F 2:10-4:00
 MEETS: MARCH 9-MAY 8

4775045 K MWF 4:10-5:00
 R 8:00-9:50
 MEETS: MARCH 9-MAY 8

4775050 L MWF 4:10-5:00
 T 10:00-11:50
 MEETS: MARCH 9-MAY 8

4775055 M MWF 4:10-5:00
 W 10:00-11:50
 MEETS: MARCH 9-MAY 8

4775060 N MWF 4:10-5:00
 T 6:10-8:00PM
 MEETS: MARCH 9-MAY 8

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 12-MAY 8

2893010 B TR 11:00-11:50
 W 12:10-3:00
 MEETS: JAN 12-MAY 8

2893015 C TR 11:00-11:50
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8

INTRO ENRG DIST SYS E E 455 3 CREDITS
 Prereq: E E 303, CREDIT OR REGISTRATN IN E E 324

6595005 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

MULTIDISC ENGR DSGN E E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR

1900005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 12-MAY 8

CONTROL SYS SIMULAT E E 476 3 CREDITS
 Prereq: E E 475

2915005 MW 4:10-5:00, ARRANGED
 MEETS: JAN 12-MAY 8

SATELL RMT SENS LAB E E 489L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489X OR MTEOR 589X OR GEOL 489X OR GEOL 589X OR NREM 489 OR NREM 589X OR E E 489X

5436005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

SURV REMOTE SNS TEC E E 489X 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING

6632005 1 TR 9:30-10:50 AANSTOOS J
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY E E 490 VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E E 490H VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO E E 491 3 CREDITS
 Prereq: CPR E 308 OR E E 322, COMPLETION OF 24 CREDITS IN THE E E CORE PROFESSIONAL PROGRAM OR 29 CREDITS IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL 314
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR AND ABOVE
 Instructor permission required 1st week.

7230005 T 2:10-4:00, ARRANGED
 MEETS: JAN 12-MAY 8

SR DESIGN PROJCT II E E 492 2 CREDITS
 Prereq: E E 491
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR AND SENIORS

9515005 R 2:10-3:00, ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

7347010 B W 2:10-3:00
 MEETS: JAN 12-MAY 8

7347015 C R 3:10-4:00
 MEETS: JAN 12-MAY 8

7347020 D R 4:10-5:00
 MEETS: JAN 12-MAY 8

MODERN OPTICS E E 496 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN PHYS 322, E E 365, AND E E 480

5322005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

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

DATA CONVR CIRCUITS E E 505 4 CREDITS
 Prereq: E E 501

3362005 A TR 11:00-12:20
 F 4:10-7:00PM
 MEETS: JAN 12-MAY 8

3362010 B TR 11:00-12:20
 R 6:10-9:00PM
 MEETS: JAN 12-MAY 8

3362015 C TR 11:00-12:20
 R 2:10-5:00
 MEETS: JAN 12-MAY 8

TOPICS ELECTROMAGNT E E 510 1- 3 CREDITS
 Prereq: E E 311

2929600 XE ARRANGED SONG J
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

COMP METHDS ELMAGNT E E 516 3 CREDITS
 Prereq: E E 311

5261005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

ELMAGNETC RAD,ANTEN E E 517 4 CREDITS
 Prereq: E E 311

4808005 W 8:00-10:50
 R 3:30-6:30PM
 MEETS: JAN 12-MAY 8

MICROWV REMOTE SENS E E 518 3 CREDITS
 Prereq: MATH 265 OR EQUIVALENT

3671005 TR 11:00-12:30
 MEETS: JAN 12-MAY 8

RANDM PROC COMM&SIG E E 523 3 CREDITS
 Prereq: E E 322, MATH 317

7358005 A TR 4:10-6:30PM
 MEETS: JAN 12-MAY 8

7358010 B TR 9:30-10:50
 MEETS: JAN 12-MAY 8

7358600 XE ARRANGED WANG Z
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

DETECT&ESTIM THEORY E E 527 3 CREDITS
 Prereq: E E 422

2940005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

2940600 XE ARRANGED DOGANDZIC A
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

TOPCS INTR MEMS&BIO E E 530M 3 CREDITS
 8749005 TR 5:40-7:00PM
 MEETS: JAN 12-MAY 8

MICROEL FABRIC TCHO 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 12-MAY 8

PHYS SEMICONV DEVIC E E 536 3 CREDITS
 Prereq: E E 535
 2942005 MW 5:40-7:00PM
 MEETS: JAN 12-MAY 8

OPTOELE DEVICES&APP E E 538 3 CREDITS
 Prereq: E E 311 OR E E 332
 3517005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 3517600 XE ARRANGED KIM J
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

ELTRN PROPRT MATRLS E E 539 3 CREDITS
 Prereq: E E 332 OR MAT E 331 OR PHYS 322
 6236008 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 6236600 XE ARRANGED JILES D
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

OPTIMAL CONTROL E E 574 3 CREDITS
 Prereq: E E 577
 2952005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 2952600 XE ARRANGED LU P
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

DIGIT FEEDBCK CNTRL E E 576 3 CREDITS
 Prereq: E E 475 OR AER E 432 OR M E 411 OR M E
 414 OR MATH 415; AND MATH 267
 2953005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

NONLINEAR SYSTEMS E E 578 3 CREDITS
 Prereq: E E 577
 2955005 MW 4:10-5:30
 MEETS: JAN 12-MAY 8
 2955600 XE ARRANGED VAIDYA U
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

SPL TOP ELECMAG THY E E 590A 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONTROL SYS E E 590B 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN SYS E E 590C 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPTR ENGR E E 590E 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRC PWR E E 590F 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELEC MATRLS E E 590G 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EL DEVIC&CIR E E 590H 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SIGNAL PROCS E E 590I 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ELECTRONICS E E 591 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2013
 1920005 A ARRANGED
 MEETS: JAN 12-MAY 8

SEMN ELECTRIC POWER E E 594 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2015.
 2964005 T 1:10-2:00
 MEETS: JAN 12-MAY 8
 2964010 B R 1:10-2:00
 MEETS: JAN 12-MAY 8

SEMN CONTROL SYSTMS E E 596 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2013
 2973005 M 4:10-5:00
 MEETS: JAN 12-MAY 8

SEM COMM&SIGNL PROC E E 597 1 CREDIT
 Note: COURSE RESTRICTED TO E CPE MAJORS ONLY.
 Satisfactory-Fail Only.
 7542005 A ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 Note: Department permission required.

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

ENGINEERING

ENGINEERING ORIENTN ENGR 101 R CREDIT
 Satisfactory-Fail Only.
 3788005 A T 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC A FOR MAJORS OTHER THAN AER E, C E,
 CPR E, E E, M E, S E

3788010 B R 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC B RESTRICTED TO CPR E, E E AND S E MAJORS
 ONLY.

3788015 C T 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC C RESTRICTED TO M E MAJORS ONLY.

3788020 D T 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC D RESTRICTED TO C E MAJORS ONLY

3788025 E F 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC E REATRICTED TO ARE E MAJORS

3788030 F T 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC F RESTRICTED TO CPR E, E E AND S E MAJORS
 ONLY.

LEAD PROGRM SEMINAR ENGR 105 1 CREDIT
 Satisfactory-Fail Only.
 6866005 F 1:10-3:00
 MEETS: JAN 12-MAY 8
 Note: THIS COURSE IS RESTRICTED TO STUDENTS IN
 LEAD LEARNING COMMUNITY.

LEARNING COMM SEMNR ENGR 131 R CREDIT
 Note: COURSE RESTRICTED TO ENGR MAJORS ONLY
 Satisfactory-Fail Only.
 7845005 A T 10:00-10:50
 MEETS: JAN 12-MAY 8
 7845010 B R 10:00-10:50
 MEETS: JAN 12-MAY 8

FOUND LEADR DV&LRNG ENGR 150 1 CREDIT
 Prereq: FOR ELP STUDENTS ONLY
 Satisfactory-Fail Only.
 8147005 R 3:40-5:30
 MEETS: MARCH 9-MAY 8

ENGR PROB & CPR LAB ENGR 160 3 CREDITS
 Prereq: MATH 142/MATH 145X OR SATISFACTORY
 SCORES ON MATHEMATICS PLACEMENT EXAMINATIONS;
 CREDIT OR ENROLLMENT IN MATH 165
 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 12-MAY 8

2946010 B MW 10:00-11:50
 MEETS: JAN 12-MAY 8

2946015 C MW 12:10-2:00
 MEETS: JAN 12-MAY 8

2946020 D MW 2:10-4:00
 MEETS: JAN 12-MAY 8

2946025 E TR 8:00-9:50
 MEETS: JAN 12-MAY 8

2946030 F TR 10:00-11:50
 MEETS: JAN 12-MAY 8

2946035 G TR 12:10-2:00
 MEETS: JAN 12-MAY 8

2946040 J TR 2:10-4:00
 MEETS: JAN 12-MAY 8

2946045 K MW 10:00-11:50
 MEETS: JAN 12-MAY 8

2946050 L TR 10:00-11:50
 MEETS: JAN 12-MAY 8

2946055 M MW 12:10-2:00
 MEETS: JAN 12-MAY 8

2946060 N TR 2:10-4:00
 MEETS: JAN 12-MAY 8

ENGINEERING (CONTINUED)

ENGINEERING MECHANICS (CONTINUED)

LEADRSHIP ENGR TEAMS ENGR 250X 1 CREDIT
 9398005 1 W 3:10-5:00
 MEETS: MARCH 9-MAY 8

SURV IMPCT OF ENGRG ENGR 265 3 CREDITS
 2212005 ARRANGED
 MEETS: JAN 12-MAY 8

SURV HOW THINGS WRK ENGR 270 3 CREDITS
 7455005 TR 4:10-5:30
 MEETS: JAN 12-MAY 8

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 12-MAY 8

PROFSSNL INTERNSHIP ENGR 397 R CREDIT
 Prereq: PERMISSION OF ADVISER AND ENGINEERING
 CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MULTIDISC ENGR DSGN ENGR 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 8893005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

ENGINEERING MECHANICS

STATICS OF ENGINEER E M 274 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 166;
 CREDIT OR ENROLLMENT IN PHYS 111 OR PHYS 221
 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 12:10-1:00
 MEETS: JAN 12-MAY 8

3004010 2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

3004015 3 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

3004020 4 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

MECHAN OF MATERIALS E M 324 3 CREDITS
 Prereq: E M 274
 Note: ON-CAMPUS SECTIONS RESTRICTED TO ENGR SOPH
 AND 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)

3007005 1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

3007010 2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

3007015 3 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

3007020 4 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

3007040 5 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

3007045 6 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

3007050 7 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

MECH OF MATERLS LAB E M 327 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN E M 324
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
 ABOVE.

3008005 1 T 8:00-9:50
 MEETS: JAN 12-MAY 8

3008010 2 T 10:00-11:50
 MEETS: JAN 12-MAY 8

3008015 3 R 8:00-9:50
 MEETS: JAN 12-MAY 8

3008020 4 R 10:00-11:50
 MEETS: JAN 12-MAY 8

3008025 5 W 8:00-9:50
 MEETS: JAN 12-MAY 8

3008030 6 W 10:00-11:50
 MEETS: JAN 12-MAY 8

3008035 7 T 1:10-3:00
 MEETS: JAN 12-MAY 8

3008040 8 R 1:10-3:00
 MEETS: JAN 12-MAY 8

3008045 9 T 3:10-5:00
 MEETS: JAN 12-MAY 8

3008050 10 R 3:10-5:00
 MEETS: JAN 12-MAY 8

3008055 11 W 1:10-3:00
 MEETS: JAN 12-MAY 8

MECH OF MATERLS LAB E M 327 1 CREDIT
 3008060 12 W 3:10-5:00
 MEETS: JAN 12-MAY 8

3008065 13 T 5:10-7:00PM
 MEETS: JAN 12-MAY 8

3008070 14 R 5:10-7:00PM
 MEETS: JAN 12-MAY 8

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 AND 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 12-MAY 8

3010010 2 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

3010015 3 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

3010020 4 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

INTRO NONDESTR EVAL E M 350 3 CREDITS
 Prereq: E M 324, MATH 266 OR MATH 267, PHYS 222
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
 ABOVE.

1355005 1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

PRIN NONDESTRC TEST E M 362 3 CREDITS
 Prereq: PHYS 112 OR PHYS 222
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
 ABOVE.

3011005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

NONDESTRUC TEST LAB E M 362L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MAT E 362
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
 ABOVE.

3012005 A M 3:10-6:00PM
 MEETS: JAN 12-MAY 8

3012010 B T 3:10-6:00PM
 MEETS: JAN 12-MAY 8

MECHANICS OF FLUIDS E M 378 3 CREDITS
 Prereq: E M 274
 Note: LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB
 IS HELD. COURSE RESTRICTED TO ENGR COLLEGE MAJORS
 SOPHOMORE AND ABOVE.
 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
 T 8:00-9:50
 MEETS: JAN 12-MAY 8

3013010 2 MWF 10:00-10:50
 T 10:00-11:50
 MEETS: JAN 12-MAY 8

3013015 3 MWF 10:00-10:50
 T 1:10-3:00
 MEETS: JAN 12-MAY 8

3013020 4 MWF 10:00-10:50
 T 3:10-5:00
 MEETS: JAN 12-MAY 8

3013025 5 MWF 9:00-9:50
 W 1:10-3:00
 MEETS: JAN 12-MAY 8

3013030 6 MWF 9:00-9:50
 W 3:10-5:00
 MEETS: JAN 12-MAY 8

3013035 7 MWF 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 12-MAY 8

3013040 8 MWF 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 12-MAY 8

3013045 9 MWF 10:00-10:50
 R 3:10-5:00
 MEETS: JAN 12-MAY 8

INTMED MECH MATERLS E M 424 3 CREDITS
 Prereq: E M 324
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
 ABOVE.

3018005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

INTR FIN ELEM METHD E M 425 3 CREDITS
 Prereq: E M 324, MATH 266 OR MATH 267
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
 ABOVE.

3019005 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

ENGINEERING MECHANICS (CONTINUED)

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 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

APP ELAST&DEF SOLDS E M 516 3 CREDITS
 Prereq: E M 510
 3029005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 3029600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

FINITE ELEMENT ANLY E M 525 3 CREDITS
 Prereq: E M 425, MATH 385
 3034005 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 3034600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

INTR RANDM VIB&NONL E M 543 3 CREDITS
 Prereq: E M 444
 2798005 1 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

FUND NONDESTRU EVAL E M 550 4 CREDITS
 Prereq: E M 324, MATH 385
 8108005 1 MWF 2:10-3:00
 T 9:00-10:50
 MEETS: JAN 12-MAY 8
 8108600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

CONTNUM MECHNOCHEM E M 568X 3 CREDITS
 Prereq: E M 566 OR PERMISSION OF INSTRUCTOR
 9721005 1 TR 12:10-2:00
 MEETS: JAN 12-MAY 8

MCH COMPOSITE MATLS E M 569 3 CREDITS
 Prereq: E M 324
 3049005 1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

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

ENGINEERING MECHANICS (CONTINUED)

SPECIAL TOPICS E M 690S 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHP E M 697 R CREDIT
 Prereq: PERMISSION OF DOGE, GRAD CLASSIFICATION
 Satisfactory-Fail Only.
 8134005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: College permission required.

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

ENGLISH

INTENSIVE ENGLISH ENGL 10 0 CREDITS
 Prereq: RECOMMENDATION OF THE ENGLISH DEPT
 Note: Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10B 0 CREDITS
 Note: Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CREDITS
 Note: Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NONNATIVE LISTENING ENGL 99L 0 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT
 IS DETERMINED BY EXAMINATION
 Note: DEVELOPMENTAL ENGL 99L FEE APPLIES. SEE
 TUITION AND FEES WEBSITE FOR MORE INFORMATION ON
 THE FEE.
 7774005 1 MW 11:00-11:50
 MEETS: JAN 12-MAY 8
 7774010 2 MW 2:10-3:00
 MEETS: JAN 12-MAY 8 SCHWARTE B
 7774015 3 TR 3:40-4:30
 MEETS: JAN 12-MAY 8
 7774020 4 TR 4:40-5:30
 MEETS: JAN 12-MAY 8
 7774025 5 MW 9:00-9:50
 MEETS: JAN 12-MAY 8
 7774030 6 WF 11:00-11:50
 MEETS: JAN 12-MAY 8

NONNATIVE READING ENGL 99R 0 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT
 IS DETERMINED BY EXAMINATION
 Note: DEVELOPMENTAL ENGL 99R FEE APPLIES. SEE
 TUITION AND FEES WEBSITE FOR MORE INFORMATION ON
 THE FEE.
 7877005 1 MW 1:10-2:00
 MEETS: JAN 12-MARCH 6
 7877010 2 WF 1:10-2:00
 MEETS: JAN 12-MARCH 6 SCHWARTE B
 7877015 3 MW 12:10-1:00
 MEETS: JAN 12-MARCH 6
 7877020 4 WF 2:10-3:00
 MEETS: JAN 12-MARCH 6
 7877025 5 MW 11:00-11:50
 MEETS: JAN 12-MARCH 6
 7877030 6 WF 9:00-9:50
 MEETS: JAN 12-MARCH 6

NONNATIVE SPEAKING ENGL 99S 0 CREDITS
 Prereq: RECOMMENDATION OF ENGLISH DEPARTMENT
 9180005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 3294010 2 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 3294015 3 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 3295010 2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 3295015 3 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 3295020 4 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 3295025 5 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 3295030 6 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 3295035 7 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

ENGLISH

(CONTINUED)

ENGLISH NONNATIV II ENGL 101C 3 CREDITS
 3295040 8 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 3295045 9 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

ENGLISH NONNATIV II ENGL 101D 3 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
 VARIOUS SECTIONS DETERMINED BY EXAMINATION
 Note: ENGL 101D DOES NOT APPLY TOWARD GRADUATION.
 3296005 1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 3296010 2 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 3296015 3 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 3296020 4 TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 3296025 5 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 3296030 6 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 3296035 7 TR 8:00-9:20
 MEETS: JAN 12-MAY 8

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN LIB 160
 Note: EVERY SECTION MEETS IN A COMPUTER WRITING LAB
 ONE DAY PER WEEK. THE OTHER MEETING(S) WILL BE IN A
 TRADITIONAL CLASSROOM.
 3298001 DA TR 3:40-6:20PM
 MEETS: JAN 12-MARCH 6
 Note: SEC DA MEETS BOTH DAYS IN THE DURHAM COMPUTER LAB
 CONTACT DEANNA STUMBO FOR PERMISSION TO ADD DURING
 1ST WEEK
 Department permission required 1st week.
 3298002 DB TR 3:40-6:20PM
 MEETS: MARCH 9-MAY 8
 Note: SEC DB MEETS BOTH DAYS IN THE DURHAM COMPUTER LAB
 CONTACT DEANNA STUMBO FOR PERMISSION TO ADD DURING
 1ST WEEK
 Department permission required 1st week.
 3298005 FA T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC. FA MAY MEET THURSDAYS IN FRILEY HALL
 COMPUTER LAB
 3298010 FB T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC. FB MAY MEET THURSDAYS IN FRILEY HALL
 COMPUTER LAB
 3298015 FC MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC. FC MAY MEET WEDNESDAY IN FRILEY HALL
 COMPUTER LAB
 3298020 FD T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC. FD MAY MEET THURSDAY IN FRILEY HALL
 COMPUTER LAB
 3298025 FE MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: SEC. FE MAY MEET WEDNESDAY IN FRILEY HALL
 COMPUTER LAB
 3298030 FF MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC. FF MAY MEET WEDNESDAY IN FRILEY HALL
 COMPUTER LAB
 3298035 FG MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC. FG MAY MEET WEDNESDAY IN FRILEY HALL
 COMPUTER LAB
 3298040 FH MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC. FH MAY MEET WEDNESDAY IN FRILEY HALL
 COMPUTER LAB
 3298045 FJ T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC. FE MAY MEET THURSDAY IN FRILEY HALL
 COMPUTER LAB
 3298050 FK T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Note: SEC. FL MAY MEET THURSDAY IN FRILEY HALL
 COMPUTER LAB
 3298055 MB T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC. MB MAY MEET THURSDAYS IN MAPLE-WILLOW
 LARCH COMPUTER LAB
 3298060 MC T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC. MC MAY MEET THURSDAYS IN MAPLE-WILLOW

ENGLISH

(CONTINUED)

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS
 LARCH COMPUTER LAB
 3298200 TA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 Note: SEC. TE MAY MEET MONDAY IN ROSS HALL COMPUTER
 LAB
 3298225 TF WF 4:10-5:00
 M 4:10-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC. TF MAY MEET MONDAY IN ROSS HALL COMPUTER
 LAB
 3298235 TG WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Note: SEC. TH MAY MEET MONDAY IN ROSS HALL COMPUTER
 LAB
 3298275 TR MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC TR MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB THIS IS A CROSS-CULTURAL SECTION, US STUDENTS
 ONLY MEETS JOINTLY WITH SEC TS
 3298280 TS MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC TS MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB THIS IS A CROSS-CULTURAL SECTION, US STUDENTS
 ONLY MEETS JOINTLY WITH SEC TR. SEE YOU ADVISOR FOR
 PERMISSION TO ADD
 3298285 TT MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC. TT MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION. US
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. TV.
 3298290 TV MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC. TV MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION. MEETS WITH
 SEC TV. INTERNATIONAL STUDENTS ONLY. SEE YOUR DEPT.
 ADVISER FOR PERMISSION TO ADD.
 3298295 TW MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Note: SEC. TX MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION. MEETS WITH
 SEC TW. INTERNATIONAL STUDENTS ONLY. SEE YOUR DEPT.
 ADVISER FOR PERMISSION TO ADD.
 3298305 TY MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC TY MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB THIS IS A CROSS-CULTURAL SECTION, US STUDENTS
 ONLY MEETS JOINTLY WITH SEC TZ
 3298310 TZ MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC TZ MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB THIS IS A CROSS-CULTURAL SECTION, MEETS JOINTLY
 WITH SEC TY. INTERNATIONAL STUDENTS ONLY. SEE YOUR
 DEPT. ADVISER FOR PERMISSION TO ADD.

SPEAKG FOR INT'L TA ENGL 180A 3 CREDITS
 Prereq: NO MORE THAN ONE SECTION OF ENGL 180 MAY
 BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
 Note: ENGL 180A DOES NOT APPLY TOWARD GRADUATION.
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED
 IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.
 Satisfactory-Fail Only.
 3579005 1 TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

ENGLISH

(CONTINUED)

ADV SPEAKG INT'L TA ENGL 180C 3 CREDITS
 Prereq: NO MORE THAN ONE SECTION OF ENGL 180 MAY
 BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
 Note: ENGL 180C DOES NOT APPLY TOWARD GRADUATION.
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED
 IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.
 Satisfactory-Fail Only.
 3585005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

PRESNTATNS INT'L TA ENGL 180D 3 CREDITS
 Prereq: NO MORE THAN ONE SECTION OF ENGL 180 MAY
 BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
 Note: ENGL 180D DOES NOT APPLY TOWARD GRADUATION.
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED
 IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.
 Satisfactory-Fail Only.
 3593005 1 TR 3:10-4:30
 MEETS: JAN 12-MAY 8
 Note: Department permission required.
 3593010 2 TR 4:10-5:30
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

INTRO TO LITERATURE ENGL 201 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 3303005 A1 MWF 2:10-3:00 GILCHRIST K
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, SP CM, TCOMM ONLY
 MAJORS ONLY
 3303010 A2 MWF 2:10-3:00 GILCHRIST K
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, SP CM
 TCOMM

INTRO CREATIVE WRIT ENGL 207 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 7369005 A TR 2:10-3:00 MARQUART D
 M 4:10-5:00
 MEETS: JAN 12-MAY 8
 7369010 B TR 2:10-3:00 MARQUART D
 M 4:10-5:00
 MEETS: JAN 12-MAY 8
 7369015 C TR 2:10-3:00 MARQUART D
 M 5:10-6:00PM
 MEETS: JAN 12-MAY 8
 7369020 D TR 2:10-3:00 MARQUART D
 M 5:10-6:00PM
 MEETS: JAN 12-MAY 8
 7369025 E TR 2:10-3:00 MARQUART D
 T 4:10-5:00
 MEETS: JAN 12-MAY 8
 7369030 F TR 2:10-3:00 MARQUART D
 T 4:10-5:00
 MEETS: JAN 12-MAY 8
 7369035 G TR 2:10-3:00 MARQUART D
 T 5:10-6:00PM
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 3307010 B MWF 1:10-2:00 OCKEY G
 MEETS: JAN 12-MAY 8
 Note: SEC B RESTRICTED TO ENGL, LING SOPH & ABOVE
 3307015 C TR 2:10-3:30 GRAY B
 MEETS: JAN 12-MAY 8

DESCRP ENGL GRAMMAR ENGL 220 3 CREDITS
 Prereq: ENGL 250
 3308005 A MWF 11:00-11:50 SCHWARTE B
 MEETS: JAN 12-MAY 8
 3308010 B TR 11:00-12:20 ROBERTS D
 MEETS: JAN 12-MAY 8
 3308600 XE ARRANGED OAKLEY D
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

BRIT LIT SINCE 1800 ENGL 226 3 CREDITS
 Prereq: ENGL 250
 5351005 A1 TR 11:00-12:20 BROTHERS D
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 5351010 A2 TR 11:00-12:20 BROTHERS D
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM

AMER LIT SINCE 1865 ENGL 228 3 CREDITS
 Prereq: ENGL 250
 Note: SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2,B2 FOR MAJORS OTHER THAN ENGL, TCOMM
 5360005 A1 MWF 10:00-10:50 DEMARAY K
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 5360010 A2 MWF 10:00-10:50 DEMARAY K
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

ENGLISH

(CONTINUED)

INTRO AM INDIAN LIT ENGL 240 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 Note: Meets U.S. diversity reqmt
 8244005 A TR 12:40-2:00
 MEETS: JAN 12-MAY 8

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 Prereq: ENGL 150 OR EXEMPTION FROM ENGL 150;
 CREDIT FOR OR CONCURRENT ENROLLMENT IN LIB 160
 Note: EVERY SECTION MEETS IN A COMPUTER WRITING LAB
 ONE DAY PER WEEK. THE OTHER MEETING(S) WILL BE IN A
 TRADITIONAL CLASSROOM. PREREQ ENFORCED.
 3299005 DA M 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SECTION DA RESTRICTED TO DSGN, ARTDN, P GR, P LA,
 P ID, P IND, P ISA, P CRP, P ARC, ARTGR, ARTID, IND D
 AND ARTIS MAJORS.
 3299010 DB WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SECTION DB RESTRICTED TO DSGN, ARTDN, P GR, P LA,
 P ID, P IND, P ISA, P CRP, P ARC, ARTGR, ARTID, IND D
 AND ARTIS MAJORS.
 3299015 DC WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SECTION DC RESTRICTED TO DSGN, ARTDN, P GR, P LA,
 P ID, P IND, P ISA, P CRP, P ARC, ARTGR, ARTID, IND D
 AND ARTIS MAJORS.
 3299020 FA MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC. FA MAY MEET WEDNESDAY IN FRILEY HALL
 COMPUTER LAB
 3299025 FB MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC. FB MAY MEET WEDNESDAY IN FRILEY HALL
 COMPUTER LAB
 3299030 FC R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Note: SEC. FD MAY MEET TUESDAY IN FRILEY HALL
 COMPUTER LAB
 3299040 FE R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC. FE MAY MEET TUESDAY IN FRILEY HALL
 COMPUTER LAB
 3299045 FF R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Note: SEC. FG MAY MEET TUESDAY IN FRILEY HALL
 COMPUTER LAB
 3299055 FH R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC. FH MAY MEET TUESDAY IN FRILEY HALL
 COMPUTER LAB
 3299060 FJ R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC. FJ MAY MEET TUESDAY IN FRILEY HALL
 COMPUTER LAB
 3299065 FK R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC. FK MAY MEET TUESDAY IN FRILEY HALL
 COMPUTER LAB
 3299200 LA R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC LA MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM.
 3299205 LB R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC LB MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM.
 3299210 LC MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC LC MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM.
 3299215 LD MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: SEC LD MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM.
 3299220 LE WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC LE MAY MEET MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299225 LF MF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC LF MAY MEET MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299230 LG MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC LG MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299235 LH MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC LH MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299240 LJ MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC LJ MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299245 LK MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC LK MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299250 LL T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC LL MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299255 LM T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC LM MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299260 LN T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC LN MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299265 LP T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC LP MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299270 LQ WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC LQ MAY MEET MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299275 LR WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC LR MAY MEET MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299280 LS R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC LS MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299285 LT R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC LT MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299300 MA WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: SEC MA MAY MEET MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299305 MB WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC MB MAY MEET MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299310 MC WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC MC MAY MEET MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299315 MD WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC MD MAY MEET MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299320 ME R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC ME MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299330 MG MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC MG MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER LAB
 3299335 MH MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: SEC MH MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER LAB
 3299340 MJ MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC MJ MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM

ENGLISH

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WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299345 MK MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC MK MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299350 ML T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Note: SEC MM MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299360 MN T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC MN MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299365 MP T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC MP MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299370 MQ R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 Note: SEC MU MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299400 PA TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 SEC RESTRICTED TO AG B MAJORS ONLY
 3299405 PB TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC PB MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299410 PC TR 3:40-6:20PM
 MEETS: JAN 12-MARCH 6
 Note: SEC PC MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED. CONTACT DEANNA STUMBO
 1ST WEEK FOR PERMISSION
 Department permission required 1st week.
 3299415 PD TR 3:40-6:20PM
 MEETS: MARCH 9-MAY 8
 Note: SEC PD MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED. CONTACT DEANNA STUMBO
 1ST WEEK FOR PERMISSION
 Department permission required 1st week.
 3299420 PE TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC PE MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299425 PF TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC PF MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299430 PG MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC PG MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299435 PH MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: SEC PH MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299440 PJ MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC PJ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 RESTRICTED TO THE A E, A B E, AND HORT
 MAJORS ONLY
 3299445 PK MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC PK MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 RESTRICTED TO AGLSE, AG ST, AG B, AGRON,
 AST MAJORS ONLY
 3299450 PL MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC PL MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 RESTRICTED TO AG AND GLOBE MAJORS
 3299455 PM MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC PM MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299460 PN MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 Note: SEC PN MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299465 PP MW 3:10-6:00PM
 MEETS: JAN 12-MARCH 6
 Note: SEC PP MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 CONTACT DEANNA STUMBO 1ST WEEK FOR PERMISSION
 Department permission required 1st week.
 3299470 PQ MW 3:10-6:00PM
 MEETS: MARCH 9-MAY 8
 Note: SEC PQ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 CONTACT DRANNA STUMBO 1ST WEEK FOR PERMISSION
 Department permission required 1st week.
 3299700 RA MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC RA MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299705 RB MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: SEC RB MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299710 RC MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC RC MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 THIS SECTION IS RESTRICTED TO THE FOLLOWING MAJORS:
 PSYCH, SOC AND CH FS
 3299715 RD MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC RD MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 THIS SECTION IS RESTRICTED TO THE FOLLOWING MAJORS:
 PSYCH, SOC AND CH FS
 3299720 RE MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC RE MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299725 RF MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC RF MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299730 RG MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: SEC RG MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299735 RH MWF 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC RH MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299740 RJ MWF 4:10-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC RJ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299745 RK TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC RK MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299750 RL TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC RL MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299755 RM TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC RM MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 RESTRICTED TO THE COLLEGE OF AG
 3299760 RN TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC RN MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 SEC RN RESTRICTED TO AGRON, AST, C E, I TEC
 M E MAJORS ONLY
 3299765 RP TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC RP MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 RESTRICTED TO THE COLLEGE OF AG
 3299770 RQ TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC RQ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299800 SA MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC SA MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299805 SB MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: SEC SB MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299810 SC MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC SC MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299815 SD MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC SD MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 THIS SECTION IS RESTRICTED TO CS A, CS H, FS A,
 FS H, NS A, NS H, PDEXA, PDEXH P DTA, P DTH
 MAJORS ONLY
 3299820 SE MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC SE MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.

ENGLISH

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WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299825 SF MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC SF MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299821 SG MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: SEC SG MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299835 SH MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC SH MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299827 SJ MWF 4:10-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC SJ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299830 SK TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC SK MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299840 SL TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC SL MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299845 SM TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC SM MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299885 SN TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC SN MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299895 SP TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC SP MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299890 SQ TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Note: SEC TA MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 RESTRICTED TO A M D, AMDP, DSGN, HSP M MAJORS
 3299505 TB T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC TB MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB. SEC RESTRICTED TO AG B MAJORS ONLY
 3299510 TC T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC TC MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299515 TD MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC TD MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB
 3299525 TE R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 Note: SEC TG MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 SEC TG IS RESERVED FOR VETERANS ONLY.
 3299560 TM MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC TM MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB
 3299600 VA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC VA MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3299605 VB WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 Note: SEC VD MAY MEETS WEDNESDAY IN ROSS HALL COMPUTER
 LAB
 THIS SECTION IS RESTRICTED TO THE FOLLOWING MAJORS:
 BIOL, MICRO, MICR, BIOCH, AND BIOLA
 3299620 VE WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC VE MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

ENGLISH

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WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299625 VF WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Note: SEC VG MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 THIS SECTION IS RESTRICTED TO CON E MAJORS ONLY.
 3299635 VH WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Note: SEC VJ MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3299645 VK WF 4:10-5:00
 M 4:10-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC VK MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3299650 VL MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC VL MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB
 3299655 VM MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC VM MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB
 3299665 VP T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Note: SEC VA MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB
 RESTRICTED TO A M D, AMDP, DSGN, HSP M MAJORS
 3299666 VR WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC VR MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3299667 VS MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC VS MAY MEET FRIDAY IN ROSS HALL COMPUTER LAB
 3299668 VT MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: SEC VT MAY MEET FRIDAY IN ROSS HALL COMPUTER LAB
 3299670 VW MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC. VW MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SEC. VX.
 3299675 VX MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC. VX MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. MEETS JOINTLY WITH SEC VW. INTERNATIONAL STUDENTS ONLY. SEE YOUR DEPT. ADVISER FOR PERMISSION TO ADD.
 3299680 VY MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Note: SEC. VZ MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. MEETS JOINTLY WITH SEC VY. INTERNATIONAL STUDENTS ONLY. SEE YOUR DEPT. ADVISER FOR PERMISSION 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 TR 2:10-3:30 YAGER S
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3306010 A2 TR 2:10-3:30 YAGER S
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THEN ENGL, TCOMM

ENGLISH

(CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
 COURSE IS RESTRICTED TO JUNIORS AND ABOVE
 3314005 1 WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 12-MAY 8
 3314010 2 WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 12-MAY 8
 3314015 3 WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 12-MAY 8
 3314020 4 MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 12-MAY 8
 3314025 5 MW 10:00-10:50
 F 10:00-10:50
 MEETS: JAN 12-MAY 8
 3314030 6 WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 12-MAY 8
 3314035 7 WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 7 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314040 8 MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 12-MAY 8
 3314045 9 MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 3314170 EM MW 6:00-8:00PM
 MEETS: JAN 26-APRIL 8
 Note: SECTION EM FOR MAJORS OTHER THAN L ST, LAS S
 3314175 ES MW 6:00-8:00PM
 MEETS: JAN 26-APRIL 8
 Note: SEC ES FOR L ST, LAS S MAJORS ONLY
 3314600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: FOR PERMISSION TO REGISTER FOR THIS SECTION,
 PLEASE CONTACT STACIE SCHAEFER AT STACIES@IASTATE.EDU
 Department permission required.
 Section XW is off campus
 Course delivery is WW
 3314050 10 MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 3314055 11 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 3314060 12 WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 12-MAY 8
 3314065 13 WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 12-MAY 8
 3314070 14 MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: SEC 14 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314075 15 WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 12-MAY 8
 3314080 16 MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC 16 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314085 17 MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC 17 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314090 18 T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC 18 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314095 19 T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC 19 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314100 20 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 12-MAY 8
 3314105 21 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 12-MAY 8
 3314110 22 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 12-MAY 8
 3314115 23 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 12-MAY 8
 3314120 24 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 12-MAY 8
 3314125 25 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 12-MAY 8

ENGLISH

(CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS
 3314130 26 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 12-MAY 8
 3314135 27 T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC 27 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314140 28 R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 12-MAY 8
 3314145 29 MW 8:00-8:50
 F 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC 29 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314150 30 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: SEC 30 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314155 31 WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 12-MAY 8
 3314160 32 WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 12-MAY 8
 3314165 33 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 12-MAY 8
 3314180 34 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 34 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314185 35 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 12-MAY 8
 3314190 36 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 12-MAY 8
 3314195 37 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 3314200 38 MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 12-MAY 8
 3314205 39 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC 39 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314210 40 WF 4:10-5:00
 M 4:10-5:00
 MEETS: JAN 12-MAY 8
 3314215 41 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 12-MAY 8
 3314220 42 T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 12-MAY 8
 3314225 43 MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 12-MAY 8
 3314230 44 MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 12-MAY 8
 3314235 45 WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC 45 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314240 46 T 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 3314245 47 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC 47 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314250 48 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 12-MAY 8
 3314255 49 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 12-MAY 8
 3314260 50 MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 12-MAY 8
 3314265 51 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 12-MAY 8
 3314270 52 R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 12-MAY 8
 3314275 53 WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 53 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS

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 MW 10:00-10:50 ZIMMERMAN D
 MEETS: JAN 12-MAY 8
 3316010 B TR 12:40-2:00 COOK K
 MEETS: JAN 12-MAY 8
 CREAT WRITING:NON-F ENGL 305 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 3317005 A TR 3:40-5:00 HAAS B
 MEETS: JAN 12-MAY 8
 CREAT WRITING: POET ENGL 306 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 3318005 A TR 2:10-3:30 COPPOC J
 MEETS: JAN 12-MAY 8
 REPT&PROPOSL WRITNG ENGL 309 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 8089005 A1 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 8089010 A2 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 8089015 B1 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: THIS SECTION IS RESTRICTED TO METEOROLOGY MAJORS
 ONLY.
 8089025 C1 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: THIS SECTION IS RESTRICTED TO GEOLOGY AND
 EARTH SCIENCE MAJORS ONLY.
 8089035 D1 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 12-MAY 8
 8089045 E1 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 12-MAY 8
 8089600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WW
 RHETORICAL ANALYSIS ENGL 310 3 CREDITS
 Prereq: ENGL 250
 8308005 A1 TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 8308010 A2 TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 BIOLOGICL COMMUNICA ENGL 312 3 CREDITS
 Prereq: ENGL 250
 6971005 A T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 12-MAY 8
 6971010 B T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 12-MAY 8
 RHETORCL WEBSTE DSN ENGL 313 3 CREDITS
 Prereq: ENGL 250
 5597005 A1 TR 3:40-5:00 GOSSETT K
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 5597010 A2 TR 3:40-5:00 GOSSETT K
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM
 TECHNICAL COMMUNCTN ENGL 314 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
 COURSE IS RESTRICTED TO JUNIORS AND ABOVE
 3356005 1 MW 8:00-8:50
 F 8:00-8:50
 MEETS: JAN 12-MAY 8
 3356010 2 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 3356015 3 MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SECTION 3 IS RESTRICTED TO IMSE MAJORS ONLY.
 3356020 4 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 12-MAY 8
 3356025 5 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 12-MAY 8
 3356030 6 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 3356035 7 MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: SECTION 7 IS RESTRICTED TO IMSE MAJORS ONLY.LY.
 3356040 8 MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 12-MAY 8

ENGLISH

(CONTINUED)

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS
 3356045 9 MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 12-MAY 8
 3356105 EM TR 6:00-8:00PM
 MEETS: JAN 27-APRIL 9
 Note: SEC EM RESTRICTED TO U S STUDENTS ONLY. PLEASE
 EMAIL JESLYN JACKSON AT JESLYN@IASTATE.EDU FOR
 PERMISSION TO REGISTER.
 Department permission required.
 3356107 EN TR 6:00-8:00PM
 MEETS: JAN 27-APRIL 9
 Note: SEC EN RESTRICTED TO INTERNATIONAL STUDENTS
 ONLY. PLEASE EMAIL JESLYN JACKSON AT
 JESLYN@IASTATE.EDU FOR PERMISSION TO REGISTER.
 Department permission required.
 3356110 ES TR 6:00-8:00PM
 MEETS: JAN 27-APRIL 9
 Note: SEC ES FOR L ST, LAS S MAJORS ONLY
 3356600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Section XW is off campus
 Course delivery is WWW
 3356050 10 T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 12-MAY 8
 3356055 11 T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: SECTION 11 IS RESTRICTED TO C B E MAJORS ONLY.
 3356060 12 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SECTION 14 IS RESTRICTED TO C B E MAJORS ONLY.
 3356065 13 T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 12-MAY 8
 3356070 14 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SECTION 14 IS RESTRICTED TO C B E MAJORS ONLY.
 3356075 15 R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 12-MAY 8
 3356080 16 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 12-MAY 8
 3356085 17 MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 12-MAY 8
 3356090 18 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 12-MAY 8
 3356095 19 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 12-MAY 8
 3356100 20 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 12-MAY 8
 3356115 21 T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 12-MAY 8
 3356120 22 MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 12-MAY 8
 3356125 23 MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 12-MAY 8
 3356130 24 MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 12-MAY 8
 3356135 25 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 12-MAY 8
 3356140 26 T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 12-MAY 8
 3356145 27 R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 12-MAY 8

TECHNCL COMM:HONORS ENGL 314H 3 CREDITS
 Prereq: ENGL 250, JR CLASSIFICATION. FOR UNIV
 HONORS PROGRAM STUDENTS ONLY.
 Note: COURSE MAY BE TAUGHT IN THE COMPUTER LAB
 3357005 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 12-MAY 8

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 MENEFE E C
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL MAJOR ONLY
 3321010 A2 TR 11:00-12:20 MENEFE E C
 MEETS: JAN 12-MAY 8
 Note: SEC A2 RESTRICTED TO PERF MAJORS ONLY

ENGLISH

(CONTINUED)

LANGUAGE & SOCIETY ENGL 322X 3 CREDITS
 Prereq: ENGL 219 OR LING 219
 9742005 A MWF 9:00-9:50 SCHWARTE B
 MEETS: JAN 12-MAY 8

TCH MTH ESL:ORAL CM ENGL 325X 3 CREDITS
 9744005 A MWF 12:10-1:00 CHAMBERLIN J
 MEETS: JAN 12-MAY 8

SCIENCE FICTION ENGL 330 3 CREDITS
 Prereq: ENGL 250
 3312005 A1 MWF 1:10-2:00 WITHERS J
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3312010 A2 MWF 1:10-2:00 WITHERS J
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

STUDIES IN FILM ENGL 335 3 CREDITS
 Prereq: ENGL 250
 Note: FILM SHOWINGS MAY EXTEND SCHEDULED TIME
 3322005 A1 T 6:10-9:00PM SAUER G
 MEETS: JAN 12-MAY 8
 3322010 A2 T 6:10-9:00PM
 MEETS: JAN 12-MAY 8

WOMEN'S LITERATURE ENGL 340 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 3323005 A1 MWF 12:10-1:00 DEMARAY K
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3323010 A2 MWF 12:10-1:00 DEMARAY K
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

TOP US MLTICULT LIT ENGL 349 3 CREDITS
 Prereq: ENGL 250
 Note: COURSE TOPIC: 20TH & 21ST-CENTURY MULTICULTURAL
 WOMEN WRITERS ON INTERSECTIONALITY & INTERTEXTUALITY
 Meets U.S. diversity reqmt
 3328005 A1 MWF 10:00-10:50 SCHAAL M
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
 ONLY.
 3328010 A2 MWF 10:00-10:50 SCHAAL M
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

RHETORICAL TRADITNS ENGL 350 3 CREDITS
 Prereq: ENGL 250
 8387005 A1 TR 12:40-2:00 GOODWIN J
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM
 MAJORS ONLY
 8387010 A2 TR 12:40-2:00 GOODWIN J
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM

SCI THOT&LIT IMAGIN ENGL 351 3 CREDITS
 2218005 A1 TR 4:10-5:30 BROTHERS D
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 2218010 A2 TR 4:10-5:30 BROTHERS D
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM

WORLD LIT:1600-PRES ENGL 354 3 CREDITS
 Prereq: ENGL 250
 Note: Meets international perspectives reqmt
 3330005 A1 TR 3:40-5:00 KOSTELNICK C
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3330010 A2 TR 3:40-5:00 KOSTELNICK C
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM

STU 19TH C AMER LIT ENGL 362 3 CREDITS
 Prereq: ENGL 250; SOPHOMORE CLASSIFICATION
 Note: COURSE TOPIC: MURDER AND MADNESS: THE RISE OF
 AMERICAN GOTHIC LITERATURE
 3336005 A1 TR 2:10-3:30 SIVILS M
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3336010 A2 TR 2:10-3:30 SIVILS M
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

STU AMER LIT: 1900- ENGL 364 3 CREDITS
 Prereq: ENGL 250; SOPHOMORE CLASSIFICATION
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2 FOR MAJORS OTHER THAN ENGL TCOMM.
 COURSE TOPIC: DRAMA
 3338005 A1 TR 12:40-2:00 POST C
 MEETS: JAN 12-MAY 8
 3338010 A2 TR 12:40-2:00 POST C
 MEETS: JAN 12-MAY 8

ENGLISH (CONTINUED)

ENGLISH (CONTINUED)

SHAKESPEARE ENGL 370 3 CREDITS
 Prereq: ENGL 250
 Note: Meets international perspectives reqmt
 3341005 A1 TR 12:40-2:00 SHENK L
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3341010 A2 TR 12:40-2:00 SHENK L
 MEETS: JAN 12-MAY 8
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL,
 TCOMM

HIST OF CHILD'S LIT ENGL 393 3 CREDITS
 Prereq: ENGL 250
 8391600 XW ARRANGED RUSSELL D
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

TCH RDNG OF YNG LIT ENGL 396 3 CREDITS
 Prereq: ENGL 250
 3350005 A1 TR 9:30-10:50 NIDAY D
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
 3350010 A2 TR 9:30-10:50 NIDAY D
 MEETS: JAN 12-MAY 8
 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 12-MAY 8

CR WRIT WKSHP:FICTN ENGL 404 3 CREDITS
 Prereq: ENGL 304
 3353005 A TR 9:30-10:50 LANGENBERG C
 MEETS: JAN 12-MAY 8

BUSI&TECHNICAL EDIT ENGL 415 3 CREDITS
 Prereq: ENGL 302, ENGL 309, OR ENGL 314; JUNIOR
 CLASSIFICATION
 3358005 A1 TR 11:00-12:20 ROBERTS D
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3358010 A2 TR 11:00-12:20 ROBERTS D
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

STUDNT TCH ENGL&LIT ENGL 417E VAR. CREDITS
 Prereq: ENGL 494, ADMISSION TO TEACHER EDUCATION,
 APPROVAL OF COORDINATOR SEMESTER PRIOR TO STUDENT
 TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 7786005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 1 OFFERED FOR 16 CREDITS.
 7786010 2 ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 2 OFFERED FOR 8 CREDITS.
 7786015 3 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 7786020 4 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 4 OFFERED FOR 16 CREDITS.
 7786025 5 ARRANGED
 MEETS: JAN 12-MAY 8

SEMNR ARGUMENTATION ENGL 418 3 CREDITS
 Prereq: ENGL 310; JUNIOR CLASSIFICATION
 2718005 A TR 9:30-10:50 DUBISAR A
 MEETS: JAN 12-MAY 8

HIST OF ENGLISH LANG ENGL 420 3 CREDITS
 Prereq: ENGL/LING 219, ENGL/LING 220
 Note: NOT OPEN TO FRESHMEN OR SOPHOMORES
 3360005 A MW 3:10-4:30 WITHERS J
 MEETS: JAN 12-MAY 8

2ND LANG LRNG&TCHNG ENGL 425 3 CREDITS
 Prereq: ENGL/LING 219, JUNIOR CLASSIFICATION
 9321005 A MW 4:10-5:30 LEVIS G
 MEETS: JAN 12-MAY 8

SEM:LIT CROSS BOUND ENGL 445 3 CREDITS
 Prereq: COMPLETION OF 9 CR OF SURVEYS; COMPLETION
 OF OR CONCURRENT ENROLLMENT IN ENGL 339; JUNIOR
 CLASSIFICATION.
 Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.
 5391005 TR 9:30-10:50 BURKE B
 MEETS: JAN 12-MAY 8

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 ROBERTS D
 MEETS: JAN 12-MAY 8

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

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
 UNIVERSTIY HONORS STUDENTS.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CAPSTONE ASSESSMENT ENGL 497 1 CREDIT
 Prereq: JUNIOR STATUS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH METHD RHETORC ENGL 501 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN ENGLISH
 8090005 A W 6:10-9:00PM
 MEETS: JAN 12-MAY 8

THRY&RSRCH IN COMPO ENGL 503 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN ENGLISH
 Note: COURSE RESTRICTED TO GRADUATE ENGL MAJORS
 3387005 A R 6:10-9:00PM GOSSETT K
 MEETS: JAN 12-MAY 8

ENGLISH

(CONTINUED)

TCHG BUS&TECHN COMM ENGL 504 3 CREDITS
 Prereq: M.A. IN ENGLISH OR CLOSELY RELATED FIELD;
 MUST BE TEACHING ENGL 302, ENGL 309 OR ENGL 314
 CONCURRENTLY
 Note: COURSE RESTRICTED TO GRADUATE ENGL MAJORS
 3388005 A ARRANGED SAUER G
 MEETS: JAN 12-MAY 8

WRIT&ANLY PRO DOCUM ENGL 507 3 CREDITS
 Prereq: ADMISSION TO ENGLISH DEPT GRADUATE
 DEGREE PROGRAM
 Note: COURSE RESTRICTED TO MASTER OF ACCOUNTING
 STUDENTS ONLY
 3391005 A T 12:40-2:20 KOSTELNICK C
 R 12:40-2:20 KOSTELNICK C
 MEETS: JAN 13-APRIL 9

LANGU ASSESS PRACTM ENGL 513 3 CREDITS
 Prereq: ENGL 519
 8728005 A ARRANGED HEGELHEIMER V
 MEETS: JAN 12-MAY 8
 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 BECKETT G
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

MTH FORML LING ANLY ENGL 516X 3 CREDITS
 Prereq: ENGL 219 OR LING 219, ENGL 511 OR EQUIV
 9741005 A TR 2:10-3:30 CHUKHAREV-KHUDIL
 MEETS: JAN 12-MAY 8

2ND LANUAGE ASSESSM ENGL 519 3 CREDITS
 Prereq: ENGL/LING 511
 3402005 A TR 9:30-10:50 OCKEY G
 MEETS: JAN 12-MAY 8

COMPUTNL ANALY ENGL ENGL 520 3 CREDITS
 Prereq: ENGL/LING 510 AND ENGL/LING 511
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 7580005 A TR 12:40-2:00 CHUKHAREV-KHUDIL
 MEETS: JAN 12-MAY 8

CPR-ASSIST LANG LRN ENGL 526 3 CREDITS
 Prereq: ENGL/LING 511 OR EQUIVALENT
 3638005 A M 6:10-9:00PM RANALLI J
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

DISCOURSE ANALYSIS ENGL 527 3 CREDITS
 Prereq: ENGL/LING 511 OR AN INTRODUCTORY
 COURSE IN LINGUISTICS
 Note: COURSE RESTRICTED TO ENGL GRADUATE STUDENTS
 2052005 A TR 11:00-12:20 GRAY B
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

MULTMDIA CONTNT MGT ENGL 529 3 CREDITS
 Prereq: ENGL 313
 Note: COURSE RESTRICTED TO GRADUATE ENGL MAJORS
 8917005 A TR 12:40-2:00 SAUER G
 MEETS: JAN 12-MAY 8

TOPICS STUDY OF LIT ENGL 531 3 CREDITS
 Prereq: 6 CREDITS IN LITERATURE
 4109005 A T 6:10-9:00PM POST C
 MEETS: JAN 12-MAY 8

FICTION ENGL 538 3 CREDITS
 Prereq: 6 CREDITS IN LITERATURE
 3259005 A W 6:10-9:00PM GRASS S
 MEETS: JAN 12-MAY 8

DRAMA ENGL 540 3 CREDITS
 Prereq: 6 CREDITS IN LITERATURE
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 3409005 A TR 2:10-3:30 BETCHER G
 MEETS: JAN 12-MAY 8

ENVIRONMENTAL LIT ENGL 543 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: COURSE RESTRICTED TO ENGL GRAD STUDENTS ONLY.
 8359005 A M 6:10-9:00PM BURKE B
 MEETS: JAN 12-MAY 8

MASTER WORKSHOP ENGL 551 3 CREDITS
 Prereq: FOURTH-SEMESTER OR EQUIVALENT STANDING
 IN THE CREATIVE WRITING AND ENVIRONMENT MFA PROGRAM
 Note: COURSE RESTRICTED TO ENGL GRADS ONLY
 8367005 A M 6:10-9:00PM HAAS B
 MEETS: JAN 12-MAY 8

ENGLISH

(CONTINUED)

FICTION WORKSHOP ENGL 554 3 CREDITS
 Prereq: ENGL 550, GRAD CLASSIFICATION. OPEN TO
 GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND
 ENVIRONMENT WITH PERMISSION OF INSTRUCTOR.
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3412005 A W 6:10-9:00PM ZIMMERMAN D
 MEETS: JAN 12-MAY 8
 3412010 B W 6:10-9:00PM ZIMMERMAN D
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

POETRY WORKSHOP ENGL 556 3 CREDITS
 Prereq: ENGL 550, GRAD CLASSIFICATION. OPEN TO
 GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND
 ENVIRONMENT WITH PERMISSION OF INSTRUCTOR.
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3413005 A R 6:10-9:00PM SWANDER M
 MEETS: JAN 12-MAY 8
 3413010 B R 6:10-9:00PM SWANDER M
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR STUDENTS NOT FORMALLY ADMITTED TO THE
 MA PROGRAM IN ENGLISH.
 Instructor permission required.

STUDIES CREATV WRIT ENGL 557 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION. OPEN TO GRAD
 STUDENTS OUTSIDE MFA IN CREATIVE WRITING & ENVIRONMNT
 WITH PERMISSION OF INSTRUCTOR.
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.
 9075005 A T 6:10-9:00PM COOK K
 MEETS: JAN 12-MAY 8

CRTV WRT TCHG INTRN ENGL 559 1-3 CREDITS
 Prereq: PERMISSION OF PARTICIPATING INSTRUCTORS
 7431005 A ARRANGED MARQUART D
 MEETS: JAN 12-MAY 8
 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 MARQUART D
 MEETS: JAN 12-MAY 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: COURSE OFFERED FOR 3 CREDITS SPRING 2015
 Instructor permission required.
 3425005 A ARRANGED ROBERTS D
 MEETS: JAN 12-MAY 8

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 SLATER T
 MEETS: JAN 12-MAY 8

SUPV PRACTCM LIT ED ENGL 589 3 CREDITS
 Prereq: ENGL 550, AT LEAST ONE GRADUATE CREATIVE
 WRITING WORKSHOP, PERMISSION OF INSTRUCTOR
 7611005 A ARRANGED MARQUART D
 MEETS: JAN 12-MAY 8

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

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

ENGLISH

(CONTINUED)

ENTOMOLOGY

(CONTINUED)

DIRECTD READNGS:LIT ENGL 591A VAR. CREDITS
4722005 1 T 3:40-4:50 CHING B
MEETS: JAN 12-MAY 8

STU RHET&PRO:MLTMOD ENGL 592C 3 CREDITS
Prereq: 12 CREDITS IN RHETORIC, LINGUISTICS, OR
LITERATURE, EXCLUDING ENGL 150 AND ENGL 250
2708005 A MW 12:40-2:00 VRCHOTA D
MEETS: JAN 12-MAY 8

STDI CULTURL RHETRC ENGL 592D 3 CREDITS
Prereq: 12 CREDITS IN RHETORIC, LINGUISTICS, OR
LITERATURE, EXCLUDING ENGL 150 AND ENGL 250
3302005 A TR 12:40-2:00
Note: COURSE TOPIC: FEMINIST RHETORICS
MEETS: JAN 12-MAY 8

CREATIVE COMPONENT ENGL 599 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
MAJOR PROFESSOR
***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH DSGN RHET&PRO ENGL 602 3 CREDITS
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.
1127005 A W 3:10-6:00PM COFFELT T
MEETS: JAN 12-MAY 8

SEMNR TEC&APP LINGU 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 CHAPELLE C
MEETS: JAN 12-MAY 8
4758010 B MW 3:40-5:00 OAKLEY D
MEETS: JAN 12-MAY 8

MULTMODAL WRIT PROG ENGL 631 3 CREDITS
Prereq: ENGL 500, ENGL 503, ENGL 504, OR ENGL 603
4913005 A M 6:10-9:00PM KOSTELNICK C
MEETS: JAN 12-MAY 8

PRACTCM TEC &LINGUI ENGL 688 3 CREDITS
Prereq: ENGL/LING 510, ENGL/LING 626, OR EQUIV;
AT LEAST 2ND YEAR PH.D. STUDENT IN APPLIED
LINGUISTICS AND TECHNOLOGY
7633005 A ARRANGED HEGELHEIMER V
MEETS: JAN 12-MAY 8

RESEARCH ENGL 699 VAR. CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
MAJOR PROFESSOR
***** SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

AQUATIC INSECTS ENT 425 3 CREDITS
Prereq: BIOL 312 OR EQUIVALENT
6353005 MW 1:10-2:00 COURTNEY G
F 1:10-4:00 COURTNEY G
MEETS: JAN 12-MAY 8
Note: Materials, field trips &/or travel fee \$40.00

ECOSYSTM SERVIC MGT ENT 466 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8368005 ARRANGED O'NEAL M
MEETS: JAN 12-MAY 8

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

INTG MGT TROPIC CROP ENT 511 3 CREDITS
Prereq: PL P 408 OR PL P 416 OR ENT 370 OR ENT
376 OR HORT 221
Note: Meets international perspectives reqmt
7962005 ARRANGED
MEETS: JAN 12-MAY 8

AQUATIC INSECTS ENT 525 3 CREDITS
Prereq: BIOL 312 OR EQUIVALENT
6364005 MW 1:10-2:00 COURTNEY G
F 1:10-4:00 COURTNEY G
MEETS: JAN 12-MAY 8
Note: Materials, field trips &/or travel fee \$40.00

PESTICIDES IN ENVIR ENT 550 2 CREDITS
Prereq: GRAD CLASSIFICATION
8682005 A TR 9:00-9:50 COATS J
MEETS: JAN 12-MAY 8

ECOSYSTM SERVIC MGT ENT 566 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8382005 ARRANGED O'NEAL M
MEETS: JAN 12-MAY 8

ADVANCD SYSTEMATICS ENT 568 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
7125005 ARRANGED CLARK L
MEETS: JAN 12-MAY 8

PLT PROTEC NAT ENEM ENT 575 3 CREDITS
Prereq: ENT 370 OR ENT 376
3456005 TR 9:30-10:50 HARRIS M
MEETS: JAN 12-MAY 8

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

INTRO TO INSECTS ENT 201 1 CREDIT
5197005 A TR 2:10-3:30 HOLSCHER K
MEETS: JAN 13-FEB 12

INSECTS AND SOCIETY ENT 211 2 CREDITS
Prereq: ENT 201
3441005 A TR 2:10-3:30 HOLSCHER K
MEETS: FEB 17-MAY 8

PESTICIDE APPL CERT ENT 283 2 CREDITS
6695005 A MW 2:10-3:00 HOLSCHER K
MEETS: JAN 12-MAY 8

LIVESTOCK ENTOMOLGY ENT 372 2 CREDITS
7986005 T 5:10-7:00PM HOLSCHER K
ARRANGED
MEETS: JAN 13-APRIL 7
7986600 XW ARRANGED HOLSCHER K
MEETS: JAN 13-APRIL 7
Note: Section XW is off campus
Course delivery is WWW
Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

INSECTS &OUR HEALTH ENT 374 3 CREDITS
Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES
Note: Meets international perspectives reqmt
3445005 A MWF 2:10-3:00 JURENKA R
MEETS: JAN 12-MAY 8

PLT PROTEC NAT ENEM ENT 375 3 CREDITS
Prereq: ENT 370 OR ENT 376
9546005 TR 9:30-10:50 HARRIS M
MEETS: JAN 12-MAY 8

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 GASSMANN A
T 2:10-5:00 GASSMANN A
MEETS: JAN 12-MAY 8
3446010 B TR 12:40-1:30 GASSMANN A
W 12:10-3:00 GASSMANN A
MEETS: JAN 12-MAY 8
3446015 C TR 12:40-1:30 GASSMANN A
W 3:10-6:00PM GASSMANN A
MEETS: JAN 12-MAY 8
3446020 D TR 12:40-1:30 GASSMANN A
R 2:10-5:00 GASSMANN A
MEETS: JAN 12-MAY 8

ENTOMOLOGY (CONTINUED)

SPL TOP TCHNG EXPER ENT 590K 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EXTENS INTRN ENT 590L 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP IMMATUR INS ENT 590M 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POPUL GENET ENT 590N 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENT 600 1 CREDIT
 5345005 A M 4:10-5:00 COURTNEY G
 MEETS: JAN 12-MAY 8

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

ENVIRONMENTAL SCIENCE

EXPLOR ENVIRONM SCI ENSCI 203 1 CREDIT
 Prereq: ENSCI 202
 Satisfactory-Fail Only.
 9529005 T 2:10-3:00 CARROLL H
 MEETS: JAN 12-MAY 8

BIOL PROC IN ENVIRN ENSCI 251 3 CREDITS
 9536005 1A TR 12:40-1:55 ELLICKSON I
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
 9536010 1B TR 12:40-1:55 ELLICKSON I
 MEETS: JAN 12-MAY 8

ENERGY &THE ENVIRON ENSCI 324 3 CREDITS
 4865005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

ENVIRN SOIL SCIENCE ENSCI 360 3 CREDITS
 Prereq: AGRON 154 OR ENSCI 250 OR GEOL 201
 1924005 1 MW 9:00-9:50 BURRAS C
 M 1:10-4:00 BURRAS C
 MEETS: JAN 12-MAY 8
 1924010 2 MW 9:00-9:50 BURRAS C
 W 2:10-5:00
 MEETS: JAN 12-MAY 8

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 T 12:40-1:55
 W 12:10-3:00
 MEETS: JAN 12-MAY 8
 4810010 1B T 12:40-1:55
 W 12:10-3:00
 MEETS: JAN 12-MAY 8
 4810015 2A T 12:40-1:55
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 4810020 2B T 12:40-1:55
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 4810025 3A T 12:40-1:55
 R 12:10-3:00
 MEETS: JAN 12-MAY 8
 4810030 3B T 12:40-1:55
 R 12:10-3:00
 MEETS: JAN 12-MAY 8
 4810035 4A T 12:40-1:55
 R 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 4810040 4B T 12:40-1:55
 R 3:10-6:00PM
 MEETS: JAN 12-MAY 8

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
 3386005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 12-MAY 8
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR ENSCA,
 ENSCS AND GE AT MAJORS ONLY
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

ENVIRONMENTAL SCIENCE (CONTINUED)

ENVIRONM BIOPHYSICS ENSCI 405 3 CREDITS
 Prereq: MATH 165 OR MATH 182 OR EQUIVALENT AND
 SOME COMPUTER PROGRAMMING EXPERIENCE (ANY LANGUAGE)
 3454005 TR 11:00-12:30 HORNBuckle B
 MEETS: JAN 12-MAY 8

WORLD CLIMATES ENSCI 406 3 CREDITS
 Prereq: AGRON 206/MTEOR 206
 Note: Meets international perspectives reqmt
 2824005 TR 9:30-10:50 ARRITT R
 MEETS: JAN 12-MAY 8

WATERSHED MANAGMENT ENSCI 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 2830005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 12-MAY 8
 2830010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 12-MAY 8

PALEOCLIMATOLOGY ENSCI 415 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCE AT THE 200 LEVEL OR ABOVE
 3065005 TR 9:30-10:50 WANAMAKER A
 MEETS: JAN 12-MAY 8

HYDROLGC 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 FRANZ K
 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

AIR POLLUT AIR QUAL ENSCI 424A 1 CREDIT
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR
 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR
 PERMISSION OF INSTRUCTOR
 1469005 1 TR 9:30-10:50
 MEETS: JAN 15-FEB 12

AIR POLLUT &CLIMATE ENSCI 424B 1 CREDIT
 Prereq: ENSCI 424A, PHYS 221 OR CHEM 178; MATH
 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR
 ABOVE OR PERMISSION OF INSTRUCTOR
 1522005 1 TR 9:30-10:50
 MEETS: FEB 17-MARCH 26

AIR POLLU&TRANSPRTN ENSCI 424C 1 CREDIT
 Prereq: ENSCI 424A, PHYS 221 OR CHEM 178; MATH
 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR
 ABOVE OR PERMISSION OF INSTRUCTOR
 1543005 1 TR 9:30-10:50
 MEETS: MARCH 31-APRIL 30

AIR POLLUT TREATMNT ENSCI 424D 1 CREDIT
 Prereq: ENSCI 424B, PHYS 221 OR CHEM 178; MATH
 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR
 OR ABOVE OR PERMISSION OF INSTRUCTOR
 1601005 1 TR 9:30-10:50
 MEETS: MARCH 31-APRIL 30

AIR POLLUT AG SOURC ENSCI 424E 1 CREDIT
 Prereq: ENSCI 424B, PHYS 221 OR CHEM 178; MATH
 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR
 ABOVE OR PERMISSION OF INSTRUCTOR
 1603005 1 TR 9:30-10:50
 MEETS: MARCH 31-APRIL 30

GIS&GPS NAT RESOURC ENSCI 446 3 CREDITS
 Prereq: 12 CR IN STUDENT'S MAJOR AT 300 LEVEL
 OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH
 ARCGIS
 3033005 1 TR 8:00-8:50
 T 12:10-3:00
 MEETS: JAN 12-MAY 8
 Note: Field trips & travel fee \$52.00
 3033010 2 TR 8:00-8:50 WOLTER P
 W 10:00-1:00 WOLTER P
 MEETS: JAN 12-MAY 8

APPL&ENVIR GEOPHYSC ENSCI 451 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201, MATH 181 OR
 EQUIVALENT EXPERIENCE OR PERMISSION OF INSTRUCTOR
 3090005 MW 10:00-10:50 BERESNEV I
 F 10:00-11:50
 MEETS: JAN 12-MAY 8
 Note: Equipment use and field trips & travel fee \$70.00

SOIL FORMATN&LANDSC ENSCI 463 4 CREDITS
 Prereq: AGRON 154 OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR
 IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 1935010 1 TR 10:00-10:50 BURRAS C
 T 2:10-5:00, ARRANGED BURRAS C
 MEETS: JAN 12-MAY 8

ENVIRONMENTAL SCIENCE (CONTINUED)

ENVIRONMENTAL SCIENCE (CONTINUED)

ECOSYSTM SERVIC MGT ENSCI 466 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8337005 ARRANGED O'NEAL M
 MEETS: JAN 12-MAY 8

ECOSYSTEM ECOLOGY ENSCI 484 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOL AND CHEM
 8720005 MWF 9:00-9:50 MCGUIRE P
 MEETS: JAN 12-MAY 8

GIS FOR GEOSCIEN II ENSCI 488 3 CREDITS
 Prereq: GEOL 452 OR C R P 451 OR C R P 452
 OR NREM 345 OR NREM 446 OR A E 408 OR EQUIVALENT GIS
 COURSE
 2366005 TR 2:10-4:00 HARDING C
 MEETS: JAN 12-MAY 8

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 12-MAY 8

GLOBAL CHANGE ENSCI 504 3 CREDITS
 Prereq: 4 COURSES IN PHYSICL OR BIOL SCI OR ENGR;
 JUNIOR, SENIOR, OR GRAD STANDING
 4428005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 12-MAY 8

ENVIRONM BIOPHYSICS ENSCI 505 3 CREDITS
 Prereq: MATH 165 OR MATH 182 OR EQUIVALENT AND
 SOME COMPUTER PROGRAMMING EXPERIENCE (ANY LANGUAGE)
 4430005 TR 11:00-12:30 HORNBUCKLE B
 MEETS: JAN 12-MAY 8

WATERSHED MANAGEMNT ENSCI 507 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 3868005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 12-MAY 8
 3868010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 12-MAY 8

PALEOCLIMATOLOGY ENSCI 515 3 CREDITS
 Prereq: FOUR COURSES IN BIOLOGICAL OR PHYSICAL
 SCIENCE
 3158005 TR 9:30-10:50 WANAMAKER A
 MEETS: JAN 12-MAY 8

HYDROLGC MDLNG&ANLY ENSCI 516 3 CREDITS
 Prereq: FOUR COURSES IN EARTH SCI, METEOROLOGY,
 OR ENGINEERING; JUNIOR CLASSIFICATION
 8579005 MW 11:00-11:50 FRANZ K
 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

WTR POLL CNTRL PROC ENSCI 522 3 CREDITS
 Prereq: C E 521
 4517005 1 ARRANGED
 MEETS: JAN 12-MAY 8

PHY-CHEM TREAT PROC ENSCI 523 3 CREDITS
 Prereq: C E 520
 4530005 M 12:10-1:00
 F 12:10-2:00
 MEETS: JAN 12-MAY 8

AIR POLLUT AIR QUAL ENSCI 524A 1 CREDIT
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CR
 IN STAT; SENIOR CLASSIFICATION OR ABOVE
 4534005 1 TR 9:30-10:50
 MEETS: JAN 15-FEB 12

AIR POLLUT &CLIMATE ENSCI 524B 1 CREDIT
 Prereq: ENSCI 524A; PHYS 221 OR CHEM 178; MATH
 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE
 CLASSIFICATION
 2144005 1 TR 9:30-10:50
 MEETS: FEB 17-MARCH 26

AIR POLLU&TRANSPRTN ENSCI 524C 1 CREDIT
 Prereq: ENSCI 524A; PHYS 221 OR CHEM 178; MATH
 166 OR 3 CR IN STAT; SENIOR OR ABOVE CLASSIFICATION
 2535005 1 TR 9:30-10:50
 MEETS: MARCH 31-APRIL 30

AIR POLLUT TREATMNT ENSCI 524D 1 CREDIT
 Prereq: ENSCI 524B; PHYS 221 OR CHEM 178; MATH
 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIF
 CLASSIFICATION
 2645005 1 TR 9:30-10:50
 MEETS: MARCH 31-APRIL 30

AIR POLLUT AG SOURC ENSCI 524E 1 CREDIT
 Prereq: ENSCI 524B; PHYS 221 OR CHEM 178; MATH
 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE
 CLASSIFICATION
 2704005 1 TR 9:30-10:50
 MEETS: MARCH 31-APRIL 30

INTEGRATING GIS&GPS ENSCI 546 3 CREDITS
 Prereq: 12 CR IN STUDENT MAJOR AT 300 LEVEL OR
 ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH ARCGIS
 4698005 1 TR 8:00-8:50 WOLTER P
 T 12:10-3:00 WOLTER P
 MEETS: JAN 12-MAY 8
 4698010 2 TR 8:00-8:50 WOLTER P
 W 10:00-1:00 WOLTER P
 MEETS: JAN 12-MAY 8

APPL&ENVIR GEOPHYSC ENSCI 551 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201, MATH 181 OR
 EQUIVALENT EXPERIENCE
 3199005 MW 10:00-10:50 BERESNEV I
 F 10:00-11:50
 MEETS: JAN 12-MAY 8
 Note: Field trips & travel fee \$70.00

SOIL-PLANT RELATION ENSCI 553 3 CREDITS
 Prereq: AGRON 354
 6258005 TR 12:40-1:55 THOMPSON M
 MEETS: JAN 12-MAY 8

SOIL FORMATN&LANDSC ENSCI 563 4 CREDITS
 Prereq: AGRON 154 OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 563 OR
 IA LL/AGRON/ENSCI 563I BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 3244010 1 TR 10:00-10:50 BURRAS C
 T 2:10-5:00 BURRAS C
 ARRANGED
 MEETS: JAN 12-MAY 8

WETLAND ECOLOGY ENSCI 564 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 1238005 TR 3:45-5:00
 MEETS: JAN 12-MAY 8

ECOSYSTM SERVIC MGT ENSCI 566 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8383005 ARRANGED O'NEAL M
 MEETS: JAN 12-MAY 8

SURFC WTR HYDROLOGY ENSCI 571 3 CREDITS
 Prereq: C E 372
 4567005 1 ARRANGED
 MEETS: JAN 12-MAY 8

SOIL PHYSICS ENSCI 577 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 AND MATH 166
 7360005 MW 10:00-10:50 HORTON R
 MEETS: JAN 12-MAY 8

LAB MTHD SOIL PHYSC ENSCI 578 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN ENSCI 577
 7362005 M 1:10-4:00 HORTON R
 MEETS: JAN 12-MAY 8

ANALYS ENVIRNM SYST ENSCI 582 3 CREDITS
 Prereq: ENSCI 581
 6285005 1 T 12:40-1:55
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 Note: Department permission required.
 6285010 2 T 12:40-1:55
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

GIS FOR GEOSCIEN II ENSCI 588 3 CREDITS
 Prereq: GEOL 452 OR C R P 451 OR C R P 452
 OR NREM 345 OR NREM 446 OR A E 408 OR EQUIVALENT GIS
 COURSE
 2652005 TR 2:10-4:00 HARDING C
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS ENSCI 590 VAR. CREDITS
 Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL
 SCIENCE FACULTY

 SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL SCIENCE (CONTINUED)

CREATIVE COMPONENT ENSCI 599 VAR. CREDITS
 Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL
 SCIENCE FACULTY
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPCS ENVIR SCI ENSCI 690 1 CREDIT
 4702001 1 M 4:10-5:00
 MEETS: JAN 12-MAY 8

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

ENVIRONMENTAL STUDIES

ENVIRONMNTL GEOLOGY ENV S 101 3 CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS ONLY SPRING
 2013
 3418005 A MWF 10:00-10:50 CAISSIE B
 MEETS: JAN 12-MAY 8
 3418600 XW ARRANGED ANKERSTJERNE S
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

GEOLOGICL DISASTERS ENV S 111 1 CREDIT
 9170005 TR 9:30-10:20 ANKERSTJERNE S
 MEETS: MARCH 9-MAY 8
 9170600 XW ARRANGED HARDING C
 MEETS: MARCH 9-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INTR RENEW RESOURCS ENV S 120 3 CREDITS
 5141005 MWF 12:10-1:00 HALL R
 MEETS: JAN 12-MAY 8
 5141600 XW ARRANGED HALL R
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

NAT RESOURCES &AGRI ENV S 130 3 CREDITS
 2836005 MWF 9:00-9:50 ISENHART T
 MEETS: JAN 12-MAY 8

WORLD WATER RESOURC ENV S 160 3 CREDITS
 Note: Meets international perspectives reqmt
 6343005 MWF 9:00-9:50 FRANZ K
 MEETS: JAN 12-MAY 8

ENVIRONMNTL BIOLOGY ENV S 173 3 CREDITS
 2022005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 2022010 2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 2022600 XW ARRANGED PLEASANTS J
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Section info: <http://www.elo.iastate.edu/biol-courses-information/>

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 9-MAY 8

GLOBLIZTN &SUSTAINB ENV S 220 3 CREDITS
 Note: Meets international perspectives reqmt
 3862005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 3862010 2 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 EXAMS WILL BE FACE TO FACE ON CAMPUS
 Course delivery is WWW

SOILS&ENVIR QUALITY ENV S 260 3 CREDITS
 5508005 1 MWF 12:10-1:00 BURRAS C
 MEETS: JAN 12-MAY 8

ECOFEMINISM ENV S 320 3 CREDITS
 Prereq: W S 201 OR 3 CREDITS IN WOMEN'S STUDIES
 AT THE 300 LEVEL OR ABOVE
 2865600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

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 12-MAY 8

ENVIRONMENTAL STUDIES (CONTINUED)

WORLD FOOD ISSUES ENV S 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1733005 1 TR 11:00-12:20 ZDORKOWSKI G
 MEETS: JAN 12-MAY 8
 1733010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 12-MAY 8
 Note: SEC. 2 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.

1733015 3 TR 2:10-3:30 ZDORKOWSKI G
 MEETS: JAN 12-MAY 8
 1733020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 12-MAY 8
 Note: SEC. 4 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.

1733025 5 TR 12:40-2:00 MERRICK L
 MEETS: JAN 12-MAY 8
 1733600 XW ARRANGED FORD C
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

ENVIR &RESOURC ECON ENV S 380 3 CREDITS
 Prereq: ECON 101
 7578005 1 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 7579010 A2 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS
 Prereq: APPROVAL OF THE ENV S COORDINATOR
 Note: COURSE OFFERED FOR 1-4 CREDITS SPRING 2011.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENV S 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 Note: COURSE RESTRICTED TO GE AT MAJORS ONLY
 8673005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 12-MAY 8
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR ENSCA,
 ENSCS AND GE AT MAJORS ONLY
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

WATERSHED MANAGMENT ENV S 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 5143005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 12-MAY 8
 5143010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 12-MAY 8

SUSTNBLE&ENVIR HORT ENV S 424 3 CREDITS
 5150005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

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 MOORE P
 MEETS: JAN 12-MAY 8
 2880010 2 MW 11:00-12:20 STOKKE D
 MEETS: JAN 12-MAY 8

U.S. ENVIRMNTL HIST ENV S 472 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 9549005 TR 9:30-10:50 COURTWRIGHT J
 MEETS: JAN 12-MAY 8

SUSTAINABLE COMMUNT ENV S 484 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7275005 TR 12:40-2:00 ZHOU J
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY ENV S 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF
 ENV S COORDINATOR
 Note: COURSE OFFERED FOR 1-3 CREDITS SPRING 2013.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EVENT MANAGEMENT

INTRO EVENT MANAGMT EVENT 271 3 CREDITS
 Prereq: HRI 101
 6726005 1A MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 6726010 1B MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 6726015 1C MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1C FOR MAJORS OTHER THAN A M D, AMDP, EVENT, HRI, HSP M

CNTMP CLUB OPERATNS EVENT 289 2 CREDITS
 Prereq: HRI 101
 Note: COURSE RESTRICTED TO HRI, HSP M, EVENT MAJORS
 1429005 MW 1:10-2:00
 MEETS: JAN 12-MAY 8

AMUSEMNT PARK ADMIN EVENT 320 3 CREDITS
 Prereq: HRI 101 OR PERMISSION OF INSTRUCTOR
 2041005 1A MW 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M MAJORS ONLY
 Field trips & travel fee \$50.00
 2041010 1B MW 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI, HSP M.

ENTERTNMT VENUE MGT EVENT 333X 3 CREDITS
 Prereq: EVENT 271 OR EQUIVALENT
 9397005 1 W 5:10-8:00PM
 MEETS: JAN 12-MAY 8
 Note: Materials fee \$25.00

CONFRCN&MTG PLANNNG EVENT 371 3 CREDITS
 Prereq: EVENT 271
 1350005 1A TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO A M D, AMDP, HRI, HSP M, T C MAJORS ONLY
 1350010 1B TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC 1B RESTRICTED TO EVENT MAJOR ONLY
 1350015 1C TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 Note: SEC 1C FOR MAJORS OTHER THAN A M D, AMDP, EVENT, HRI, HSP M

WEDDING PLANNING EVENT 373X 3 CREDITS
 Prereq: AESHM 111, EVENT 371
 Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
 8128005 1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

SPECIAL EVENTS COORD EVENT 471 3 CREDITS
 Prereq: EVENT 371
 6904005 1A MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY.
 6904010 1B MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

INDEP STDY CONFERNCE EVENT 490B VAR. CREDITS
 Prereq: APPROVAL OF PROGRAM COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXCHANGE PROGRAM

EXCH PROG BEAUVAIS EXPRO 303F VAR. CREDITS
 Note: Department permission required.
 7813005 ARRANGED
 MEETS: JAN 12-MAY 8

FAMILY&CONSUMER SCIENCES ED&STUDIES

PLAN&ASESMT FMLY ED FCEDS 413 4 CREDITS
 Prereq: FCEDS 306
 3985005 TR 1:10-4:50 STANGE L
 MEETS: JAN 12-MAY 8

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 OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 3987005 1 ARRANGED STANGE L
 MEETS: JAN 12-MAY 8

FAMILY&CONSUMER SCIENCES ED&STUDIES (CONTINUED)

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 OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 3988005 1 ARRANGED STANGE L
 MEETS: JAN 12-MAY 8

OCCUPATN,TECH PROGS FCEDS 418 3 CREDITS
 Prereq: FCEDS 206; 400 HOURS EMPLOYMENT IN A FAMILY AND CONSUMER SCIENCES RELATED FIELD
 3980600 XW ARRANGED STANGE L
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

PRE-TCHG PRCTCM:LAB FCEDS 480A 1 CREDIT
 Prereq: ADMISSION TO TEACHER EDUCATION Satisfactory-Fail Only.
 9460005 ARRANGED STANGE L
 MEETS: JAN 12-MAY 8

PRE-TCHG PRA:DV SET FCEDS 480B 1 CREDIT
 Satisfactory-Fail Only.
 9484005 A ARRANGED STANGE L
 MEETS: JAN 12-MAY 8

INDEP STUDY GENERAL FCEDS 490G VAR. CREDITS
 Prereq: DEPARTMENTAL APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS FCEDS 490H VAR. CREDITS
 Prereq: DEPARTMENTAL APPROVAL, HONORS PROG MEMBER
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 STANGE L
 MEETS: JAN 12-MAY 8

SUPV EXPRNC PRO STU FCEDS 491B 3- 8 CREDITS
 Prereq: HD FS 449; 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED
 Satisfactory-Fail Only.
 2272005 ARRANGED STANGE L
 MEETS: JAN 12-MAY 8

PROG DEVEL FAMLY SC FCEDS 507 3 CREDITS
 Prereq: PROFESSIONAL EXPERIENCE IN FCS OR RELATED AREA
 4012005 TR 1:10-4:50 STANGE L
 MEETS: JAN 12-MAY 8

OCCUPATN,TECH PROGS FCEDS 518 3 CREDITS
 Prereq: FCEDS 206; 400 HOURS EMPLOYMENT IN A FAMILY AND CONSUMER SCIENCES RELATED FIELD.
 3214600 XW ARRANGED STANGE L
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

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

FINANCE

PRINCIPL OF FINANCE FIN 301 3 CREDITS
 Prereq: ACCT 284, ECON 101, STAT 226
 Note: SEC A1,B1,ETC RESTRICTED TO BUSINESS COLLEGE, AG B, AN S & DY S UNDERGRAD MAJORS. SEC A2,B2,ETC FOR ALL OTHER COLLEGES. NOT OPEN TO P BUS MAJORS
 3689005 A1 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 3689010 A2 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 3689015 B1 TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 3689020 B2 TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 3689025 C1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 3689030 C2 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 3689035 D1 TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 3689040 D2 TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 3689045 E1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 3689050 E2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 3689055 F1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 3689060 F2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 3689065 G1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 3689070 G2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

FINANCE

(CONTINUED)

PRINCIPL OF FINANCE FIN 301 3 CREDITS
 3689075 J1 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 3689080 J2 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 3689085 K1 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 3689090 K2 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 3689095 L1 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 3689100 L2 TR 3:40-5:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 3691010 A2 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 3691015 B1 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 3691020 B2 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 3691025 C1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 3691030 C2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 3691035 D1 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 3691040 D2 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8

INVESTMENTS FIN 320 3 CREDITS

Prereq: FIN 301
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY.
 SEC A2,B2,ETC FOR ACCT, BUS S, BUS U, I BUS, BUSEC,
 MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY.

3692005 A1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 3692010 A2 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 3692015 B1 TR 11:00-12:15
 MEETS: JAN 12-MAY 8
 3692020 B2 TR 11:00-12:15
 MEETS: JAN 12-MAY 8
 3692025 C1 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 3692030 C2 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 3692035 D1 TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 3692040 D2 TR 2:10-3:25
 MEETS: JAN 12-MAY 8

FIXD INCOME SECURITI FIN 327 3 CREDITS

Prereq: FIN 301
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY.

8796005 A TR 12:40-2:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 6829010 A2 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 6829015 B1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 6829020 B2 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

PERSNL RISK MGT&INS FIN 361 3 CREDITS

Prereq: ECON 101
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

3693005 A1 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 3693010 A2 TR 3:40-5:00
 MEETS: JAN 12-MAY 8

Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS.

REAL ESTATE PRINCIP FIN 371 3 CREDITS

Prereq: ECON 101
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY.
 SEC A2,B2,ETC RESTRICTED TO BUS MAJORS EXCEPT FIN,
 P BUS.

3690005 A1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 3690010 A2 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 3690015 B1 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 3690020 B2 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8

FINANCE

(CONTINUED)

BUS FINANCG DECISNS FIN 415 3 CREDITS

Prereq: FIN 301 AND STAT 326
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY. GRADUATE
 STUDENTS SEE 1200 GERDIN FOR PERMISSION.

3698005 A1 M 6:40-9:55PM
 MEETS: JAN 12-APRIL 6

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

3698010 A2 M 6:40-9:55PM
 MEETS: JAN 12-APRIL 6

Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

3698015 B1 T 6:40-9:55PM
 MEETS: JAN 13-APRIL 7

Note: SEC B1 RESTRICTED TO FIN MAJORS ONLY. GRADUATE
 STUDENTS SEE 1200 GERDIN FOR PERMISSION.

3698020 B2 T 6:40-9:55PM
 MEETS: JAN 13-APRIL 7

Note: SEC B2 FOR MAJORS OTHER THAN FIN. GRADUATE
 STUDENTS SEE 1200 GERDIN FOR PERMISSION.

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 12-MAY 8

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

3697010 A2 TR 2:10-3:25
 MEETS: JAN 12-MAY 8

Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

3697015 B1 TR 11:00-12:15
 MEETS: JAN 12-MAY 8

Note: SEC B1 RESTRICTED TO FIN MAJORS ONLY

3697020 B2 TR 11:00-12:15
 MEETS: JAN 12-MAY 8

Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

SECUR ANALY&PORTFOL FIN 425 3 CREDITS

Prereq: FIN 320, STAT 326 AND PERMISSION OF
 INSTRUCTOR

7201010 A W 6:40-9:25PM
 MEETS: JAN 12-MAY 8

Note: SEE 2330 GERDIN FOR AN APPLICATION
 Instructor permission required.

ADV FIXD INCM ANALY FIN 428 3 CREDITS

Prereq: FIN 327, FIN 320, STAT 326 AND PERMISSION
 OF THE INSTRUCTOR

7492005 A1 TR 3:40-5:00
 MEETS: JAN 12-MAY 8

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

7492010 A2 TR 3:40-5:00
 MEETS: JAN 12-MAY 8

Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

VENTURE CAPTL,MERGR FIN 435 3 CREDITS

Prereq: FIN 310, FIN 320, STAT 326, INSTRUCTOR
 PERMISSION

8935005 TR 8:00-9:15
 MEETS: JAN 12-MAY 8

Note: SEE 2330 GERDIN FOR AN APPLICATION
 Instructor permission required.

BANK MGT DECISIONS FIN 445 3 CREDITS

Prereq: STAT 326 AND FIN 330
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

3696005 A1 T 6:40-9:25PM
 MEETS: JAN 12-MAY 8

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

3696010 A2 T 6:40-9:25PM
 MEETS: JAN 12-MAY 8

Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

CORPOR RISK MGT&INS FIN 462 3 CREDITS

Prereq: FIN 301 AND STAT 326
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

9268005 A1 TR 11:00-12:15
 MEETS: JAN 12-MAY 8

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

9268010 A2 TR 11:00-12:15
 MEETS: JAN 12-MAY 8

Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

REAL ESTATE FINANCE FIN 472 3 CREDITS

Prereq: FIN 301 AND STAT 326
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

4555005 A1 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY.

4555010 A2 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

4555015 B1 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

Note: SEC B1 RESTRICTED TO FIN MAJORS ONLY.

4555020 B2 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

Note: SEC B2 FOR MAJORS OTHER THAN FIN OR P BUS

FINANCE

(CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION

INTRNATIONL FINANCE FIN 480 3 CREDITS
 Prereq: FIN 301 AND STAT 326
 Note: SEC A1, B1 RESTRICTED TO FIN AND I BUS MAJORS ONLY. SEC A2, B2 FOR MAJORS OTHER THAN FIN OR P BUS
 5131005 A1 TR 11:00-12:15
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 5131010 A2 TR 11:00-12:15
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

INDEPENDENT STUDY FIN 490 1- 3 CREDITS
 Prereq: FIN 301, STAT 326 AND PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BANKING INTERNSHIP FIN 499A 1- 3 CREDITS
 Prereq: GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR; STAT 326
 Satisfactory-Fail Only.
 9403005 ARRANGED
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 Note: College permission required - go to 1200 Gerdin.

FIN VALU&CORP DECIS FIN 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
 9124005 A M 8:30-11:50
 MEETS: JAN 12-APRIL 6
 Note: SEC A RESTRICTED TO BUSAD GRADS ONLY
 9124010 B R 6:00-9:20PM
 MEETS: JAN 15-APRIL 9

CASE STU FIN DECISN FIN 515 3 CREDITS
 Prereq: FIN 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7163005 A M 6:40-9:55PM
 MEETS: JAN 12-APRIL 6

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 17-APRIL 11

REAL ESTATE FINANCE FIN 572 3 CREDITS
 Prereq: MBA CORE
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8795005 A MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

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

FOOD & THE CONSUMER FS HN 101 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR 3 CREDITS EACH OF BIOLOGY AND CHEMISTRY
 3659005 1 MWF 11:00-11:50 BOYLSTON T
 MEETS: JAN 12-MAY 8
 3659600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr regmt: http://agonline.iastate.edu/resources/computer-requirements

SPORT PRFRMC NUTRIT FS HN 102 1 CREDIT
 Satisfactory-Fail Only.
 1873005 MW 9:00-9:50
 MEETS: JAN 12-MAY 6

INTRO CULINRY SKLLS FS HN 104 1 CREDIT
 Note: COURSE RESTRICTED TO CS A, CS H MAJORS ONLY
 8416005 1 ARRANGED BEIRMAN E
 MEETS: JAN 12-MAY 8

PROFESSNL&EDUC PREP FS HN 110 1 CREDIT
 Satisfactory-Fail Only.
 3661005 TR 2:10-3:00 DEATON M
 MEETS: JAN 12-MARCH 6
 3661010 2 TR 2:10-3:00 KARGOL A
 MEETS: JAN 12-MARCH 6

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 PRUSA K
 MEETS: JAN 12-MAY 8

DEV LEARNRS&LEADERS FS HN 114 2 CREDITS
 Prereq: NREM 112
 8117005 A W 9:00-10:50 WIERSEMA J
 MEETS: JAN 12-MAY 8
 8117010 B W 4:10-6:00PM WIERSEMA J
 MEETS: JAN 12-MAY 8

FOOD PREPARATN LAB FS HN 115 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 111 OR FS HN 214
 Note: COURSE RESTRICTED TO CS A, CS H, DIETA, DIETH, EVENT, FCEDS, FS A, FS H, HRI, HSP M, PDEXA, PDEXH NS A, NS H MAJORS ONLY
 2922005 1 M 2:10-5:00 GILBERT K
 MEETS: JAN 12-MAY 8
 2922010 2 W 2:10-5:00 GILBERT K
 MEETS: JAN 12-MAY 8
 2922015 3 T 9:00-11:50 BEIRMAN E
 MEETS: JAN 12-MAY 8
 2922020 4 R 9:00-11:50 BEIRMAN E
 MEETS: JAN 12-MAY 8
 2922025 5 F 9:00-11:50 GILBERT K
 MEETS: JAN 12-MAY 8

INTRO HUMAN NUTRITN FS HN 167 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
 3600005 1 MWF 8:00-8:50 MARTIN R
 MEETS: JAN 12-MAY 8
 3600600 XW ARRANGED MARTIN R
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ISSU FOOD SCI&NUTRI FS HN 203 1 CREDIT
 8685005 1 M 12:10-1:00 WHITE W
 MEETS: JAN 12-MAY 8
 8685010 2 R 8:00-8:50 WILSON L
 MEETS: JAN 12-MAY 8
 8685015 3 F 3:10-4:00 LAMSAL B
 MEETS: JAN 12-MAY 8
 8685020 4 W 12:10-1:00 BOYLSTON T
 MEETS: JAN 12-MAY 8

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 SVENDSEN L
 MEETS: JAN 12-MAY 8

ADV FOOD PREPAR LAB FS HN 215 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN FS HN 214
 Note: COURSE RESTRICTED TO CS A, CS H, DIETA, DIETH, FS A, FS H NS A, NS H, PDEXA, PDEXH MAJORS ONLY
 2928005 1 TR 9:00-11:50 SVENDSEN L
 MEETS: JAN 12-MAY 8
 2928010 2 TR 1:10-4:00 SVENDSEN L
 MEETS: JAN 12-MAY 8

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

SOCIE IMPCTS FD SYS FS HN 242 3 CREDITS
 2950005 TR 11:00-12:20 MACDONALD R
 MEETS: JAN 12-MAY 8

INTRO CONTRVRSI SCI FS HN 260X 3 CREDITS
 9724005 TR 9:30-10:45 BLODGETT S
 MEETS: JAN 12-MAY 8

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 10:00-10:50 ROWLING M
 MEETS: JAN 12-MAY 8

DAIRY PRODUCTS ISSU FS HN 308 3 CREDITS
 2288005 1 TR 2:10-3:30 CLARK S
 MEETS: JAN 12-MAY 8

FOUNDTN CULINRY SCI FS HN 314 1 CREDIT
 Prereq: FS HN 104 OR CONCURRENT ENROLLMENT IN
 FS HN 104.
 8446005 1 M 2:10-3:00 BEIRMAN E
 MEETS: JAN 12-MAY 8

WORLD FOOD ISSUES FS HN 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1923005 1 TR 11:00-12:20 ZDORKOWSKI G
 MEETS: JAN 12-MAY 8
 1923010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 12-MAY 8
 Note: SEC. 2 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 1923015 3 TR 2:10-3:30 ZDORKOWSKI G
 MEETS: JAN 12-MAY 8
 1923020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 12-MAY 8
 Note: SEC. 4 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 1923025 5 TR 12:40-2:00 MERRICK L
 MEETS: JAN 12-MAY 8
 1923600 XW ARRANGED FORD C
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmpt reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

INTR FOOD ENGR CNCP FS HN 351 3 CREDITS
 Prereq: A COURSE IN CALCULUS AND PHYSICS (PHYS
 111 OR PHYS 115)
 7085005 1 MWF 8:00-8:50 WEN Z
 MEETS: JAN 12-MAY 8

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 T 1:10-2:00 MARTIN R
 R 1:10-4:00 LANNINGHAM-FOSTE
 MEETS: JAN 12-MAY 8
 3608010 2 T 1:10-2:00 MARTIN R
 R 9:30-12:30 LANNINGHAM-FOSTE
 MEETS: JAN 12-MAY 8

NUTRIT GROWTH & DEV FS HN 362 3 CREDITS
 Prereq: FS HN 360; CREDIT OR ENROLLMENT IN A
 COURSE IN PHYSIOLOGY
 Note: COURSE RESTRICTED TO DIETA, DIETH, NS A. NS H,
 PDEXA, PDEXH MAJORS ONLY
 7271005 1 MWF 2:10-3:00 REDDY M
 MEETS: JAN 12-MAY 8

OBESITY &WEIGHT MGT FS HN 365 3 CREDITS
 Prereq: BIOL 256 AND BIOL 256L, OR BIOL 306
 2978005 MWF 9:00-9:50 LANNINGHAM-FOSTE
 MEETS: JAN 12-MAY 8

COMMUNCT NUTRI MSGS FS HN 366 3 CREDITS
 Prereq: FS HN 167 OR FS HN 265
 1553005 TR 9:30-10:50 LITCHFIELD R
 MEETS: JAN 12-MAY 8

MED TERMNOL FOR PRO FS HN 367 1 CREDIT
 9487005 1 ARRANGED MARTIN R
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 9487600 XW ARRANGED MARTIN R
 MEETS: JAN 12-MAY 8
 Note: CONTACT TRISHA RITLAND FOR PERMISSION TO REGISTER
 AT TRITLAND@IASTATE.EDU. SECTION XW IS RESTRICTED TO
 ONLINE/DISTANCE STUDENTS; ALL OTHER STUDENTS SHOULD
 REGISTER FOR SECTION 1.
 Course delivery is WWW
 Section XW is off campus
 Course delivery is WWW

INTR FOOD PROC&NUTR FS HN 375X 2 CREDITS
 Note: CREDIT FOR EITHER FS HN 375X, OR FS HN 471
 AND/OR FS HN 472 PAIR OF COURSES, BUT NOT BOTH, MAY
 BE APPLIED TOWARD GRADUATION
 9502005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

FOOD LAWS®L PROC FS HN 403 2 CREDITS
 Prereq: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT
 200 LEVEL OR ABOVE
 3679005 1 MW 3:10-4:00 BREHM-STECHER B
 MEETS: JAN 12-MAY 8

FOOD QUAL ASSURANCE FS HN 405 3 CREDITS
 Prereq: FS HN 214 OR FS HN 311; STAT 101 OR STAT
 104
 3667005 1 MF 1:10-2:00 WILSON L
 W 1:10-3:00 WORST K
 MEETS: JAN 12-MAY 8
 3667010 2 MF 1:10-2:00 WILSON L
 W 10:00-11:50 WORST K
 MEETS: JAN 12-MAY 8
 3667015 3 MF 1:10-2:00 WILSON L
 W 1:10-3:00 WORST K
 MEETS: JAN 12-MAY 8

SAFTY FOOD FROM ANI FS HN 407 3 CREDITS
 Prereq: MICRO 420
 1882005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

FOOD ANALYSIS FS HN 410 3 CREDITS
 Prereq: FS HN 214 OR FS HN 311 OR CHEM 211; TSM
 115
 3668005 1 MW 10:00-10:50 WANG T
 T 9:00-11:50 TALBERT J
 MEETS: JAN 12-MAY 8
 3668010 2 MW 10:00-10:50 WANG T
 R 9:00-11:50 TALBERT J
 MEETS: JAN 12-MAY 8

FOOD INGREDE 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 F 8:00-8:50 GILBERT K
 F 9:00-11:50 GILBERT K
 MEETS: JAN 12-MAY 8
 3613010 2 F 8:00-8:50 GILBERT K
 F 2:10-5:00 GILBERT K
 MEETS: JAN 12-MAY 8
 3613015 3 F 8:00-8:50 GILBERT K
 F 9:00-11:50 BOYLSTON T
 MEETS: JAN 12-MAY 8

FOOD PRODUCT DEVELP FS HN 412 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411, FS HN 471
 3618005 1 T 8:00-8:50 PRUSA K
 TR 2:10-5:00 WILSON L
 MEETS: JAN 12-MAY 8
 3618010 2 T 8:00-8:50 PRUSA K
 TR 2:10-5:00 WILSON L
 MEETS: JAN 12-MAY 8
 3618015 3 T 8:00-8:50 PRUSA K
 TR 9:00-11:50 WILSON L
 MEETS: JAN 12-MAY 8

FOODBORNE HAZARDS FS HN 419 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302, A COURSE IN
 BIOCHEMISTRY
 Note: CREDIT FOR EITHER FS HN/TOX/MICRO 419 OR
 FS HN/NUTRS/TOX 519, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 8419005 MWF 11:00-11:50 HENDRICH S
 MEETS: JAN 12-MAY 8

ISSUES FOOD&SOCIETY FS HN 442X 2 CREDITS
 7763005 1 T 2:10-4:00
 MEETS: JAN 13-APRIL 28

MED NUTRI&DISEAS II FS HN 464 3 CREDITS
 Prereq: FS HN 360; FS HN 461; BIOL 256 AND
 BIOL 256L OR BIOL 306 OR BIOL 335
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014.
 4599005 1 TR 9:30-10:50 SMITH K
 MEETS: JAN 12-MAY 8

NUTR COUNS&ED METHD FS HN 466 3 CREDITS
 Prereq: FS HN 361 AND FS HN 362
 3616005 1 MW 9:00-10:50 BASSLER E
 MEETS: JAN 12-MAY 8

MOLEC NU&DISEAS PRV FS HN 467 3 CREDITS
 Prereq: FS HN 360 OR EQUIVALENT
 3014005 MWF 1:10-2:00 WHITE W
 MEETS: JAN 12-MAY 8

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD PROCESSING II FS HN 472 3 CREDITS
 Prereq: FS HN 351 OR A E 451 OR CH E 357.
 3666005 MW 9:00-9:50 LAMSAL B
 F 9:00-11:50
 MEETS: JAN 12-MAY 8

PRO COMM FD SC&NUTR FS HN 480 1 CREDIT
 Prereq: FS HN 203, SENIOR CLASSIFICATION IN THE DEPARTMENT
 3611005 1 MW 12:10-1:00 HOLLIS J
 MEETS: JAN 12-MARCH 6
 3611010 2 MW 12:10-1:00 REDDY M
 MEETS: JAN 12-MARCH 6
 3611015 3 M 12:10-1:00 WILSON L
 MEETS: JAN 12-MAY 8

ISSUES FOOD SAFETY FS HN 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
 8347005 MW 2:10-3:00 MENDONCA A
 MEETS: JAN 12-MARCH 6

IND STUDY DIETETICS FS HN 490A 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FOOD SCI FS HN 490B 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY NUTRITION FS HN 490C 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INT'L EXP FS HN 490D 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY ENTREPREN FS HN 490E 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SUPR WORK DIETETICS FS HN 491A 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE APPLIED TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK FOOD SCI FS HN 491B 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE APPLIED TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK NUTRITION FS HN 491C 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE APPLIED TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK CULINARY FS HN 491D 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 4 CREDITS OF FS HN 491 MAY BE APPLIED TOWARD GRADUATION
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 MW 8:00-8:50
 MEETS: JAN 12-MAY 8

UNDERGRAD RESEARCH FS HN 499 1- 6 CREDITS
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK
 Note: NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SAFTY FOOD FROM ANI FS HN 507 3 CREDITS
 Prereq: MICRO 420
 2196005 A TR 9:30-10:50
 MEETS: JAN 12-MAY 8

FOOD PRODUCT DEVELP FS HN 512 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411, FS HN 471
 5580005 1 T 8:00-8:50
 TR 2:10-5:00
 MEETS: JAN 12-MAY 8

PRIN FD SCI:PROCSSG FS HN 513 2 CREDITS
 Prereq: 3 CR EACH MATHEMATICS AND PHYSICS
 9540005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 9540600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

PRIN FD SCI:MICROBI FS HN 514 2 CREDITS
 Prereq: 3 CR EACH MICROBIOL & ORGANIC CHEMISTRY
 3632005 1 ARRANGED MENDONCA A
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 3632600 XW ARRANGED MENDONCA A
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

MICROBIOLOGY OF FOOD FS HN 521 2 CREDITS
 Prereq: MICROBIOLOGY WITH LAB; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
 4811600 XG ARRANGED
 MEETS: JAN 20-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

FERMNTD FOOD MICROB FS HN 527 2 CREDITS
 Prereq: FOOD MICROBIOLOGY; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
 7093600 XG ARRANGED
 MEETS: JAN 12-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

FOOD DEFENS CONCPTS FS HN 528 2 CREDITS
 Prereq: ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR INSTRUCTOR PERMISSION
 9448600 XG ARRANGED
 MEETS: JAN 20-MAY 8
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

INTRO DNA TECHNIQS FS HN 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7123005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-FEB 12

INTR PROTEIN TECHNQ FS HN 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7124005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: FEB 17-MARCH 26

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

INTRO CELL TECHNIQS FS HN 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7130005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 31-APRIL 30

INTR PLNT TRNSFM TO FS HN 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Note: MEETS JAN 21-FEB 4 AND MARCH 25-APRIL 17
 Satisfactory-Fail Only.
 7131005 WF 12:30-4:00
 MEETS: JAN 21-APRIL 17

DIETETC INTERNSHP I FS HN 554 5 CREDITS
 Prereq: FOR STUDENTS ENROLLED IN THE DIETETIC
 INTERNSHIP PROGRAM ONLY
 3050600 XW ARRANGED ANDERSON J
 MEETS: JAN 5-MAY 8
 Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER
 AT 515-294-7316/JANDERSO@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW

DIETETC INTERNSH II FS HN 555 4 CREDITS
 Prereq: CONCURRENT ENROLLMENT OR SUCCESSFUL
 COMPLETION OF FS HN 554
 3055600 XW ARRANGED ANDERSON J
 MEETS: JAN 5-MAY 8
 Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER
 AT 515-294-7316/JANDERSO@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW

FOOD PROCESSING II FS HN 572 3 CREDITS
 Prereq: FS HN 351 OR A E 451 OR CH E 357.
 5600005 MW 9:00-9:50 LAMSAL B
 F 9:00-11:50
 MEETS: JAN 12-MAY 8

SEMINAR FS HN 581 1 CREDIT
 Satisfactory-Fail Only.
 7974005 T 11:00-11:50 CLARK S
 MEETS: JAN 12-MAY 8

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

INSTRU MEAS FD QUAL FS HN 606 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411 OR FS HN 502 OR
 BBMB 404
 3649005 MW 9:00-9:50 WILSON L
 M 10:00-12:50 BOYLSTON T
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$90.00

CARBS:STRUC,PROP,AP FS HN 614 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411 OR FS HN 502 OR
 BBMB 404
 3684005 MWF 10:00-10:50 JANE J
 MEETS: JAN 12-MAY 8

ADV FOOD MICROBIOLG FS HN 626 3 CREDITS
 Prereq: FS HN 420 OR FS HN 421 OR FS HN 504
 3685005 TR 2:10-3:30 BREHM-STECHER B
 MEETS: JAN 12-MAY 8

SEMINAR FS HN 681 1 CREDIT
 3648005 W 4:10-5:00 CLARK S
 MEETS: JAN 12-MAY 8

SEMINAR REFLECTION FS HN 682 R CREDIT
 Satisfactory-Fail Only.
 9178005 1 W 4:10-5:00 SPURLOCK M
 MEETS: JAN 12-MAY 8

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 STOKKE D
 T 12:10-3:00 STOKKE D
 MEETS: JAN 12-MAY 8

PESTICIDE APPL CERT FOR 283 2 CREDITS
 5219005 A MW 2:10-3:00 HOLSCHER K
 MEETS: JAN 12-MAY 8

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
 3718005 A MF 2:10-3:00 HALL R
 W 2:10-5:00 HALL R
 MEETS: JAN 12-MAY 8

FOREST HERBAC LAYER FOR 358X 1 CREDIT
 Prereq: BIOL 212
 9574005 R 11:00-2:00 MCMULLEN C
 MEETS: MARCH 9-MAY 8

FOREST RESOURC ECON FOR 451 4 CREDITS
 Prereq: FOR 203, MATH 150
 3731005 A MWF 10:00-10:50 TYNDALL J
 M 3:10-6:00PM TYNDALL J
 MEETS: JAN 12-MAY 8

ECOSYSTEM MANAGEMNT FOR 452 3 CREDITS
 Prereq: SENIOR CLASSIFICATION, NREM 120 OR
 EQUIVALENT
 3732005 MW 1:10-2:00 SCHULTE-MOORE L
 F 11:00-2:00 SCHULTE-MOORE L
 MEETS: JAN 12-MAY 8

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 SCHULTZ R
 MW 8:00-9:50 SCHULTZ R
 MEETS: JAN 12-MAY 8

ECOSYSTEM MANAGEMNT FOR 552 3 CREDITS
 Prereq: SENIOR CLASSIFICATION AND NREM 120
 OR EQUIVALENT
 1349005 MW 1:10-2:00 SCHULTE-MOORE L
 F 11:00-2:00 SCHULTE-MOORE L
 MEETS: JAN 12-MAY 8

CR COMP FOR BIOLOGY FOR 599A 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOMTRY FOR 599B 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FO&REC ECON FOR 599C 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR MGT&ADM FOR 599D 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPO WOOD SCI FOR 599E 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

(CONTINUED)

RESEARCH SEMINAR FOR 696 1 CREDIT
 Satisfactory-Fail Only.
 8834005 W 4:10-5:30
 MEETS: JAN 12-MAY 8

FOREST BIOLGY RSRCH FOR 699A 1-12 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RSRCH 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 RSRCH FOR 699E 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH PLANT PHYSIOL FOR 699F 1-12 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH

ELEMENTRY FRENCH II FRNCH 102 4 CREDITS
 Prereq: FRNCH 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL FRENCH MAY NOT ENROLL IN 102.
 Meets international perspectives reqmt
 3804005 1 MTWR 10:00-10:50 TAOUDEL J
 MEETS: JAN 12-MAY 8
 3804010 2 MTWR 11:00-11:50 TAOUDEL J
 MEETS: JAN 12-MAY 8
 3804015 3 MTWR 9:00-9:50 GOODMAN N
 MEETS: JAN 12-MAY 8

INTERMED FRENCH II FRNCH 202 4 CREDITS
 Prereq: FRNCH 201
 Note: Meets international perspectives reqmt
 3809005 1 MTWR 1:10-2:00 ALLEN L
 MEETS: JAN 12-MAY 8
 3809010 2 MTWR 2:10-3:00 ALLEN L
 MEETS: JAN 12-MAY 8

READ &WRITNG FRENCH FRNCH 302 3 CREDITS
 Prereq: FRNCH 301
 6543005 1 TR 12:40-2:00 DEININGER M
 MEETS: JAN 12-MAY 8
 6543010 2 TR 9:30-10:50 WEBER-FEVE S
 MEETS: JAN 12-MAY 8

FRENCH CONVERSATION FRNCH 305 3 CREDITS
 Prereq: FRNCH 202
 2755005 MW 3:10-4:30 TAOUDEL J
 MEETS: JAN 12-MAY 8

FRANCE TODAY FRNCH 320 3 CREDITS
 Prereq: FRNCH 202
 Note: Meets international perspectives reqmt
 2907005 TR 11:00-12:20 DEININGER M
 MEETS: JAN 12-MAY 8

FR FILM STU IN ENGL FRNCH 378 3 CREDITS
 Note: Meets international perspectives reqmt
 6267600 XW ARRANGED WEBER-FEVE S
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

FRNCH CIVILZTN SMNR FRNCH 476 3 CREDITS
 2898005 1 TR 2:10-3:30 DEININGER M
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY FRNCH 490 1- 6 CREDITS
 Prereq: PERMISSION OF FRENCH STAFF AND DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN FRNCH 490 MAY BE APPLIED TOWARD GRADUATION
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH INTERNSHIP FRNCH 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF FRENCH AT THE 300 LEVEL;
 PERMISSION OF ADVISOR AND WLC INTERNSHIP COORD. WORK EXPERIENCE USING FRNCH LANG SKILLS IN PUBLIC/PRIVATE SECTOR, COMBINED W/ ACAD WK UNDER FACULTY SUPERVISN
 Note: CREDIT IN FRNCH 499 MAY ONLY APPLY TOWARD GRADUATION IN THE LCP MAJOR. NO MORE THAN 3 CREDITS IN FRNCH 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR.
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH

(CONTINUED)

SPL TOP FRNC CIVILZ FRNCH 590D 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSN; 6 CR 400-LEVEL FRNCH
 Note: Permission of department chair required.
 2401005 ARRANGED
 MEETS: JAN 12-MAY 8

GENETICS

COOPERATIVE EDUCATN GEN 298 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4225005 ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

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 12-MAY 8
 9560010 2 MW 10:30-11:50
 MEETS: JAN 12-MAY 8
 9560015 3 MW 1:10-2:30
 MEETS: JAN 12-MAY 8
 9560020 4 MW 3:10-4:30
 MEETS: JAN 12-MAY 8
 9560025 5 MW 5:10-6:30PM
 MEETS: JAN 12-MAY 8
 9560030 6 TR 9:00-10:20
 MEETS: JAN 12-MAY 8
 9560035 7 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 9560040 8 TR 1:10-2:30
 MEETS: JAN 12-MAY 8
 9560045 9 TR 3:10-4:30
 MEETS: JAN 12-MAY 8
 9560050 10 TR 5:10-6:30PM
 MEETS: JAN 12-MAY 8

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 SALAS-FERNANDEZ
 MEETS: JAN 12-MAY 8

HUMAN GENETICS GEN 340 3 CREDITS
 Prereq: BIOL 313 OR GEN 313
 3794600 XW ARRANGED GIRTON J
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

GENOME PRSPCTV BIOL GEN 349X 2 CREDITS
 Prereq: GEN 313 OR GEN 320
 9690005 TR 3:40-4:30
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN GEN 398 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4262005 ARRANGED
 MEETS: JAN 12-MAY 8

ANALYTICAL GENETICS GEN 410 3 CREDITS
 Prereq: GEN 409
 3833005 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

ATTEND&CRITIQ SEMNR GEN 490S 1 CREDIT
 Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LAB TCHG EXPERIENCE GEN 490U 1- 2 CREDITS
 Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GENETICS (CONTINUED)

UNDERGRAD SEMINAR GEN 491 1 CREDIT
 Prereq: GEN 409
 3837005 A W 3:10-4:00
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUC GEN 498 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR; SENIOR CLASSIFICATION
 4281005 ARRANGED
 MEETS: JAN 12-MAY 8

GENETICS RESEARCH GEN 499 1- 5 CREDITS
 Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION
 OF INSTRUCTOR
 ***** 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.
 ***** 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 12-MAY 8

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

GRAD STU SEMNR GENE GENET 690 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 9682005 T 4:10-5:00
 MEETS: JAN 12-MAY 8

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS
 9316005 SR ARRANGED
 MEETS: JAN 12-MAY 8

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

GENETICS, DEVELOPMENT & CELL BIOL

MOLECULAR GENETICS GDCB 511 3 CREDITS
 Prereq: BIOL 313 AND BBMB 405
 2943005 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

STATISTICAL GENETCS GDCB 536 3 CREDITS
 Prereq: STAT 401, STAT 447; GEN 320 OR BIOL 313
 5783005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

INTRO DNA TECHNIQS GDCB 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7089005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-FEB 12

INTR PROTEIN TECHNQ GDCB 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7092005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: FEB 17-MARCH 26

INTRO CELL TECHNIQS GDCB 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7096005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 31-APRIL 30

INTR PLNT TRNSFM TQ GDCB 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Note: MEETS JAN 21-FEB 4 AND MARCH 25-APRIL 17
 Satisfactory-Fail Only.
 7098005 WF 12:30-4:00
 MEETS: JAN 21-APRIL 17

ADV NEUROSCI TECHNQ GDCB 557 3 CREDITS
 Prereq: NEURO 556 OR EQUIVALENT COURSE
 Note: Instructor permission required 1st week.
 9566005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV GENOME INFORMTC GDCB 568 3 CREDITS
 Prereq: BCB 567, BBMB 301, BIOL 315, STAT 430,
 CREDIT OR ENROLLMENT IN GEN 411
 5576005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

GENETICS, DEVELOPMENT & CELL BIOL (CONTINUED)

COMP FUNC GENOM&BIO GDCB 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
 OR COM S 228, GEN 411, STAT 430
 5577005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS GDCB 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR IN GDCB GDCB 690 1 CREDIT
 Satisfactory-Fail Only.
 7142005 F 4:10-5:00
 MEETS: JAN 12-MAY 8

RESEARCH SEMINAR GDCB 696 1 CREDIT
 Satisfactory-Fail Only.
 8832005 W 4:10-5:30
 MEETS: JAN 12-MAY 8

SEM N MOLEC,C,DV BIO GDCB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2015.
 3856005 M 3:10-5:00 JOHANSEN J
 MEETS: JAN 12-MAY 8

RESEARCH GDCB 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

THE EARTH GEOL 100 3 CREDITS
 3870005 A MWF 11:00-11:50 DAWSON J
 MEETS: JAN 12-MAY 8
 3870010 B MWF 1:10-2:00 DAWSON J
 MEETS: JAN 12-MAY 8

THE EARTH: LAB GEOL 100L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN GEOL 100
 7595005 1 T 10:00-11:50
 MEETS: JAN 12-MAY 8
 7595010 2 T 1:10-3:00
 MEETS: JAN 12-MAY 8
 7595015 3 R 1:10-3:00
 MEETS: JAN 12-MAY 8
 7595020 4 R 10:00-11:50
 MEETS: JAN 12-MAY 8

ENVIRONMNTL GEOLOGY GEOL 101 3 CREDITS
 7596005 A MWF 10:00-10:50 CAISSIE B
 MEETS: JAN 12-MAY 8
 7596600 XW ARRANGED ANKERSTJERNE S
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

HISTORY OF EARTH GEOL 102 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; GEOL MAJORS:
 CONCURRENT ENROLLMENT IN 102L
 3874005 A MWF 1:10-2:00 HASIUK F
 MEETS: JAN 12-MAY 8

HIST OF EARTH: LAB GEOL 102L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN GEOL 102
 7597005 1 R 3:10-5:00
 MEETS: JAN 12-MAY 8
 7597010 2 T 3:10-5:00
 MEETS: JAN 12-MAY 8

EARTH&SPC FOR EL ED GEOL 106 2 CREDITS
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED
 8465005 ARRANGED CERVATO C
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

EARTH&SPACE SCI LAB GEOL 106L 1 CREDIT
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD
 EDUCATION; CONCURRENT ENROLLMENT IN GEOL106/ASTRO 106
 8582005 1 M 3:10-5:00
 MEETS: JAN 12-MAY 8
 8582010 2 M 1:10-3:00
 MEETS: JAN 12-MAY 8
 8582015 3 M 10:00-11:50
 MEETS: JAN 12-MAY 8

GEOLOGICL DISASTERS GEOL 111 1 CREDIT
 9152005 TR 9:30-10:20 ANKERSTJERNE S
 MEETS: MARCH 9-MAY 8
 9152600 XW ARRANGED HARDING C
 MEETS: MARCH 9-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

EARTH,WIND&F ORIENT GEOL 113X .5 CREDIT
 Note: COURSE MEETS EVERY OTHER WEEK
 9778005 M 4:10-5:00
 MEETS: JAN 12-MAY 8

GEOLOGY (CONTINUED)

GEOLOGY (CONTINUED)

WORLD WATER RESOURC GEOL 160 3 CREDITS
 Note: Meets international perspectives reqmt
 3241005 MWF 9:00-9:50 FRANZ K
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY GEOL 290 2- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC GEOL 298 R CREDIT
 Prereq: GEOL 100 OR GEOL 201, GEOL 100L,GEOL 102,
 GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR;
 SOPH CLASSIFICATION
 4828005 ARRANGED
 MEETS: JAN 12-MAY 8

ENERGY &THE ENVIRON GEOL 324 3 CREDITS
 3045005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

STRUCTURAL GEOLOGY GEOL 356 5 CREDITS
 Prereq: GEOL 100 OR GEOL 201; PHYS 111, MATH 165
 OR MATH 181
 3882005 A MWF 9:00-9:50 JACOBSON C
 TR 9:00-11:50
 MEETS: JAN 12-MAY 8

PETROLOGY GEOL 365 3 CREDITS
 Prereq: GEOL 315, GEOL 315L, GEOL 316
 3883005 1 MW 3:10-4:00 SPRY P
 T 2:10-5:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

PALEOCLIMATOLOGY GEOL 415 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCE
 6233005 TR 9:30-10:50 WANAMAKER A
 MEETS: JAN 12-MAY 8

HYDROLGC MDLNG&ANLY GEOL 416 3 CREDITS
 Prereq: FOUR COURSES IN EARTH SCI, METEOROLOGY,
 OR ENGINEERING; JUNIOR CLASSIFICATION
 8445005 MW 11:00-11:50 FRANZ K
 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

PRIN RADIOMT DATING GEOL 430X 2 CREDITS
 Prereq: GEOL 100 OR GEOL 101, CHEM 163 OR
 CHEM 167
 9746005 MW 1:10-2:00 WANAMAKER A
 MEETS: JAN 12-MAY 8

APPL&ENVIR GEOPHYSC GEOL 451 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; MATH 181 OR EQUIV
 EXPERIENCE OR PERMISSION OF INSTRUCTOR
 7599005 MW 10:00-10:50 BERESNEV I
 F 10:00-11:50
 MEETS: JAN 12-MAY 8
 Note: Equipment use and field trips & travel fee \$70.00

GIS FOR GEOSCIEN II GEOL 488 3 CREDITS
 Prereq: GEOL 452 OR C R P 451 OR C R P 452
 OR NREM 345 OR NREM 446 OR A E 408 OR EQUIVALENT GIS
 COURSE
 2359005 TR 2:10-4:00 HARDING C
 MEETS: JAN 12-MAY 8

SATELL RMT SENS LAB GEOL 489L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489X
 OR MTEOR 589X OR GEOL 489X OR GEOL 589X OR NREM 489
 OR NREM 589X OR E E 489X
 5244005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

SURV REMOTE SNS TEC GEOL 489X 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 6476005 1 TR 9:30-10:50 AANSTOOS J
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY GEOL 490 1- 4 CREDITS
 Prereq: 6 CR IN GEOLOGY & PERMISSN OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEOL 495 1 CREDIT
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 8231005 F 4:10-6:00PM
 MEETS: JAN 12-MAY 8

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 12-MAY 8

PALEOCLIMATOLOGY GEOL 515 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCE AT THE 200 LEVEL OR ABOVE
 6235005 TR 9:30-10:50 WANAMAKER A
 MEETS: JAN 12-MAY 8

HYDROLGC MDLNG&ANLY GEOL 516 3 CREDITS
 Prereq: FOUR COURSES IN EARTH SCI, METEOROLOGY,
 OR ENGINEERING; JUNIOR CLASSIFICATION
 8526005 MW 11:00-11:50 FRANZ K
 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

PRIN RADIOMT DATING GEOL 530X 2 CREDITS
 Prereq: GEOL 100 OR GEOL 101, CHEM 163 OR
 CHEM 167
 9747005 MW 1:10-2:00 WANAMAKER A
 MEETS: JAN 12-MAY 8

APPL&ENVIR GEOPHYSC GEOL 551 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201, MATH 181 OR
 EQUIVALENT EXPERIENCE OR PERMISSION OF INSTRUCTOR
 7602005 MW 10:00-10:50 BERESNEV I
 F 10:00-11:50
 MEETS: JAN 12-MAY 8
 Note: Field trips & travel fee \$70.00

ENVIR SOIL MINERLGY GEOL 555 3 CREDITS
 Prereq: AGRON 473, CHEM 178. RECOMMEND: GEOL 311.
 3893005 MWF 9:00-9:50 LAIRD D
 MEETS: JAN 12-MAY 8

GIS FOR GEOSCIEN II GEOL 588 3 CREDITS
 Prereq: GEOL 452 OR C R P 451 OR C R P 452
 OR NREM 345 OR NREM 446 OR A E 408 OR EQUIVALENT GIS
 COURSE
 2465005 TR 2:10-4:00 HARDING C
 MEETS: JAN 12-MAY 8

SATELL RMT SENS LAB GEOL 589L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489X
 OR MTEOR 589X OR GEOL 489X OR GEOL 589X OR NREM 489X
 OR NREM 589X OR E E 489X
 6062005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

SURV REMOTE SNS TEC GEOL 589X 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 6803005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

SPL TOP SURFIC PROC GEOL 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRATIGRAPH GEOL 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATN GEOL 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLGY GEOL 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS PETROLOGY GEOL 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP STRUCTURAL GEOL 590F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEOCHEM GEOL 590G 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS HYDROGEOL GEOL 590H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI GEOL 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY (CONTINUED)

GEOLOGY (CONTINUED)

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 12-MAY 8

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 12-MAY 8

ADV SEM ECONOM GEOL 610B 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7609005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV SEM GEOTECTONIC GEOL 610E 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7606005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV SEM HYDROGEOLOGY GEOL 610F 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7604005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV SEM SURFIC PROC GEOL 610G 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7608005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV SEM SED&STRATIG GEOL 610H 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7607005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV SEM PALEOEC&CLI GEOL 610I 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 6710005 ARRANGED
 MEETS: JAN 12-MAY 8

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 SURFIC HYDROLOGY GEOL 699R VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

GERMAN

ELEMENTARY 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 12-MAY 8

3950010 2 MTWR 11:00-11:50
 MEETS: JAN 12-MAY 8

3950015 3 MTWR 1:10-2:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

3954010 2 MTWR 10:00-10:50
 MEETS: JAN 12-MAY 8

COMPOSITION GER 302 3 CREDITS
 Prereq: GER 202
 Note: Meets international perspectives reqmt
 3956005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

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 12-MAY 8

GRIMMS' TALES GER 375 3- 4 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT,
 6 CREDITS IN GERMAN AT THE 300 LEVEL.
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2015.
 Meets international perspectives reqmt
 3960005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

3960010 2 TR 9:30-10:50
 Note: SEC 1 OFFERED FOR 3 CREDITS SPRING 2014
 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 OFFERED FOR 4 CREDITS SPRING 2014

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 2015.
 Meets international perspectives reqmt
 7143005 T 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 Note: OPEN SECTION OFFERED FOR 3 CREDITS SPRING 2015

7143010 2 T 6:10-9:00PM
 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 OFFERED FOR 4 CREDIT SPRING 2015

GERMAN

(CONTINUED)

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 12-MAY 8
 Note: SEC 1 OFFERED FOR 3 CREDITS FOR SPRING 2015.
 3958020 2 TR 2:10-3:30, ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 OFFERED FOR 4 CREDITS FOR SPRING 2015.

INDEPENDENT STUDY GER 490 1- 6 CREDITS
 Prereq: 6 CR IN GERMAN; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN GERMAN 490 MAY BE
 APPLIED TOWARD GRADUATION
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP IN GERMAN GER 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF GERMAN AT THE 300 LEVEL;
 PERMISSION OF ADVISOR AND WORLD LANGUAGES AND
 CULTURES INTERNSHIP COORDINATOR
 Note: NO MORE THAN 3 CREDITS OF GER 499 MAY BE APPLIED
 TOWARD GRADUATION IN THE MAJOR
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP GER CIVLZTN GER 590D 2- 4 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR; 6 CREDITS
 OF 400-LEVEL GERMAN
 2412005 ARRANGED
 MEETS: JAN 12-MAY 8

GERONTOLOGY

ADULT DEVELPM&AGING GERON 234 3 CREDITS
 Prereq: HD FS 102
 2026005 1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

RETIREM PLN&BENEFTS GERON 378 3 CREDITS
 Prereq: 3 CR IN PRINCIPLES OF ECON; 3 CR IN HD FS
 Note: Meets U.S. diversity reqmt
 8564005 MWF 12:10-1:00 GUDMUNSON C
 MEETS: JAN 12-MAY 8

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 12-MAY 8

GERONTOL PRACTICUM GERON 467 3- 6 CREDITS
 Prereq: GERON 466, ADVANCE RESERVATION
 Satisfactory-Fail Only.
 7870005 ARRANGED
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY GERON 490 VAR. CREDITS
 3052005 ARRANGED
 MEETS: JAN 12-MAY 8

SURV OF GERONTOLOGY GERON 510 1- 3 CREDITS
 3053005 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: OPEN SEC OFFERED FOR 1 CREDIT SPRING 2014
 3053010 2 W 1:10-2:00 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 3 OFFERED FOR 2 CREDITS SPRING 2014
 3053015 3 W 1:10-2:00, ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 3 OFFERED FOR 3 CREDITS SPRING 2014

SPECIAL TOPICS GERON 590 VAR. CREDITS
 3059005 ARRANGED
 MEETS: JAN 12-MAY 8
 3059010 2 ARRANGED
 MEETS: JAN 12-MAY 8

GLOBAL RESOURCE SYSTEMS

GLOBAL RESOURCE SYS GLOBE 201 3 CREDITS
 6635005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

ISSU GLBL RSRCE SYS GLOBE 211 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN GLOBE 201
 Note: NO MORE THAN 3 CREDITS OF GLOBE 211 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 Satisfactory-Fail Only.
 6651005 1 R 3:40-5:00
 MEETS: JAN 15-MARCH 26
 Note: SEC 1 OFFERED FOR 1 CREDIT SPRING 2014
 6651010 2 T 3:40-5:00
 MEETS: JAN 13-MARCH 24
 Note: SEC 2 OFFERED FOR 1 CREDIT SPRING 2014

GLOBAL RESOURCE SYSTEMS

(CONTINUED)

GLOBLIZTN &SUSTAINB GLOBE 220 3 CREDITS
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT
 TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 3906005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 3906010 2 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 EXAMS WILL BE FACE TO FACE ON CAMPUS
 Course delivery is WW

APPRENTICESHIP GLOBE 221 R CREDIT
 Satisfactory-Fail Only.
 6652005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

INDEPENDENT STUDY GLOBE 290 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS GLOBE 290H 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 8852005 ARRANGED
 MEETS: JAN 12-MAY 8

RSRCE SYS INDU NATN GLOBE 301 3 CREDITS
 Prereq: GLOBE 201, ECON 101 OR ECON 102
 Note: COURSE RESTRICTED TO GLOBE MAJORS ONLY OR
 PERMISSION OF INSTRUCTOR
 6658005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

GLB SYS INTERN PREP GLOBE 320 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5201005 W 4:10-5:00
 MEETS: JAN 12-MAY 8
 5201600 XW ARRANGED MACDONALD J
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

INTERNSHIP - GLOBAL GLOBE 321 3- 6 CREDITS
 Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR;
 INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL
 RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND
 GLOBE 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP - U.S. GLOBE 322 3- 6 CREDITS
 Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR;
 INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL
 RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 12 CREDITS OF GLOBE 322 AND
 GLOBE 321 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 8684005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

GLOBALIZTN &DEVELPM GLOBE 360X 3 CREDITS
 Prereq: 6 CR IN SOCIAL SCIENCES, INCLUDING
 ECON 101, SOC 134, OR SOC 230
 Note: Meets international perspectives reqmt
 9280005 MWF 11:00-11:50 PETERS D
 MEETS: JAN 12-MAY 8

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 12-MAY 8

SENIOR PROJECT GLOBE 401 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN GLOBE
 6799005 ARRANGED
 MEETS: JAN 12-MAY 8

SENIOR PROJ HONORS GLOBE 401H 3 CREDITS
 8914005 ARRANGED
 MEETS: JAN 12-MAY 8

GLBL RSOURC CHALLNG GLOBE 402 3 CREDITS
 6815005 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 12-MAY 8

INT'L ANIMAL AGRICU GLOBE 441X 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
 9248005 1 TR 11:00-12:15
 MEETS: JAN 12-MAY 8

GLOBAL RESOURCE SYSTEMS (CONTINUED)

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 12-MAY 8

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 12-MAY 8

IND STDY SERVICE 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 12-MAY 8

SERVICE LEARN INT'L GLOBE 494A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3581005 ARRANGED
 MEETS: JAN 12-MAY 8

SERV LRNG DOMESTIC GLOBE 494B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3604005 ARRANGED
 MEETS: JAN 12-MAY 8

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS
 6903005 ARRANGED
 MEETS: JAN 12-MAY 8

GRADUATE STUDIES

PREP PUBLSHBL THSIS GR ST 529X 3 CREDITS
 9736005 WF 2:10-3:30 COTOS E
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

RSPBL RSRCH CONDUCT GR ST 565 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 7866005 1 W 11:00-11:50
 MEETS: JAN 12-MAY 8
 7866010 2 W 5:10-6:00PM
 MEETS: JAN 12-MAY 8
 7866015 3 R 1:10-2:00
 MEETS: JAN 12-MAY 8
 7866020 4 T 2:10-3:00
 MEETS: JAN 12-MAY 8

PREP FUTR FAC SM II GR ST 586 1- 3 CREDITS
 Prereq: ADMISSION INTO PFF PROGRAM; COMPLETION
 OF GR ST 585 OR PERMISSION OF INSTRUCTOR
 7033005 T 3:10-6:00PM BENDER H
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 Note: SEC 1: PFF
 Instructor permission required.
 8341010 2 ARRANGED BENDER H
 MEETS: JAN 12-MAY 8
 Note: SEC 2: CIRT
 Instructor permission required.
 8341015 3 ARRANGED BENDER H
 MEETS: JAN 12-MAY 8
 Note: SEC 3: TAR
 Instructor permission required.

EXAMINATION ONLY GR ST 600 R CREDIT
 3972005 ARRANGED
 MEETS: JAN 12-MAY 8

GRADUATE STUDIES (CONTINUED)

REQUIRED ENROLLMENT GR ST 601 R CREDIT
 Note: College permission required.
 4482005 ARRANGED
 MEETS: JAN 12-MAY 8

DOC PRELIM REGISTRA GR ST 680 R CREDIT
 7349005 ARRANGED
 MEETS: JAN 12-MAY 8

PRACTICAL TRAINING GR ST 697 R CREDIT
 6905005 ARRANGED
 MEETS: JAN 12-MAY 8

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 MWF 8:00-9:50 URE C
 MEETS: JAN 12-MAY 8
 1786010 B MWF 8:00-9:50 KRUMM B
 MEETS: JAN 12-MAY 8
 1786015 C MWF 8:00-9:50 PIERRON K
 MEETS: JAN 12-MAY 8
 1786020 D MWF 8:00-9:50 MICKELSON A
 MEETS: JAN 12-MAY 8

DG PHOTO FOR GR DSN ARTGR 272 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 270 OR
 ARTGR 271
 9179005 A MW 10:00-12:50 FABER C
 MEETS: JAN 12-MAY 8
 9179010 B MW 2:10-5:00 FABER C
 MEETS: JAN 12-MAY 8

GRAPHIC TECHNLGY II ARTGR 276 2 CREDITS
 Prereq: ARTGR 275 AND CONCURRENT ENROLLMENT IN
 ARTGR 271
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 5292005 A TR 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 12-MAY 8
 5292010 B TR 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 12-MAY 8
 5292015 C TR 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 12-MAY 8
 5292020 D TR 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 12-MAY 8

GRAPH DSN STUDIO IV ARTGR 371 3 CREDITS
 Prereq: ARTGR 370 AND ARTGR 387
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.
 1820005 A MWF 10:00-11:50 CURRAN P
 MEETS: JAN 12-MAY 8
 1820010 B MWF 10:00-11:50 URE C
 MEETS: JAN 12-MAY 8
 1820015 C MWF 10:00-11:50 PIERRON K
 MEETS: JAN 12-MAY 8
 1820020 D MWF 10:00-11:50 KRUMM B
 MEETS: JAN 12-MAY 8

GR DSN MTRLS&PROCES ARTGR 372 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
 371
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1805005 A TR 9:30-10:50 QUAM A
 MEETS: JAN 12-MAY 8

GRPH DSN INTERN SEM ARTGR 377 1 CREDIT
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
 370 OR ARTGR 371
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 7537005 A T 11:00-11:50 KRUMM B
 MEETS: JAN 12-MAY 8

GR DSN HIST,CRIT II ARTGR 388 3 CREDITS
 Prereq: ARTGR 387 OR ART H 281 AND DSN S 183
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 9451005 MWF 1:10-2:00 MICKELSON A
 MEETS: JAN 12-MAY 8

GRPHC DSN FIELD STU ARTGR 391 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN 300 OR 400 LEVEL
 GRAPHIC DESIGN STUDIO COURSE
 Satisfactory-Fail Only.
 7522005 ARRANGED BRUSKI P
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

GRAPHIC DESIGN

(CONTINUED)

GRPHC DSGN CAPSTONE ARTGR 471 5 CREDITS
 Prereq: ARTGR 470 OR PERMISSION OF INSTRUCTOR
 1645005 A TR 1:10-6:00PM BAER R
 MEETS: JAN 12-MAY 8
 1645010 B TR 1:10-6:00PM QUAM A
 MEETS: JAN 12-MAY 8
 1645015 C TR 1:10-6:00PM BRUSKI P
 MEETS: JAN 12-MAY 8
 1645020 D TR 1:10-6:00PM
 MEETS: JAN 12-MAY 8

ADVANCED TYPOGRAPHY ARTGR 475 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR
 371, ARTGR 470 OR ARTGR 482
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1888005 MW 2:10-5:00 CURRAN P
 MEETS: JAN 12-MAY 8
 Note: Materials, field trips &/or travel fee
 \$25.00-\$105.00

GRAPH DSN PRACTICUM ARTGR 477 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR
 371, ARTGR 470, OR ARTGR 482; PORTFOLIO REVIEW AND
 PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTGR MAJORS.
 7886005 MW 2:10-5:00 URE C
 MEETS: JAN 12-MAY 8

WEB DSGN E-COMMERCE ARTGR 478 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370 OR
 ARTGR 371 OR ARTGR 470 OR ARTGR 482
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1912005 MW 2:10-5:00 BRAIDWOOD A
 MEETS: JAN 12-MAY 8

WAYFINDING DESIGN ARTGR 479 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR
 371, ARTGR 470 OR ARTGR 482
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY.
 TOPIC: WAYFINDING DESIGN. FIELD TRIP FEE \$250.00
 1891005 MW 2:10-5:00 FONTAINE L
 MEETS: JAN 12-MAY 8

GRPH DSGN PRO PRACT ARTGR 481 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
 470
 Note: Instructor permission required 1st week.
 8243005 TR 6:10-7:30PM PIERRON K
 MEETS: JAN 12-MAY 8

STUDIES IN GRPH DSN ARTGR 484 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO ARTGR MAJORS ONLY. OFFERED FOR 3
 CREDITS SPRING 2013
 Instructor permission required 1st week.
 8261005 A MW 2:10-5:00 BAER R
 MEETS: JAN 12-MAY 8
 Note: SEC A TOPIC: PACKAGE DESIGN
 8261010 B MW 2:10-5:00 CALL A
 MEETS: JAN 12-MAY 8
 Note: SEC B TOPIC: MOTION AND BROADCAST
 GRAPHICS

IND ST THEORY, CRIT ARTGR 490A 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 2-D DESGN ARTGR 490B 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 3-D DESGN ARTGR 490C 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTGR 490H 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT,
 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

PUBLCATN DSGN:BOOKS ARTGR 492 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
 370 OR ARTGR 371
 1994005 MW 6:10-9:00PM CURRAN P
 MEETS: JAN 12-MAY 8

GRAPHIC DESIGN

(CONTINUED)

SIGNS,SYMBOLS,IMAGE ARTGR 571 3 CREDITS
 Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 Instructor permission required 1st week.
 1908005 TR 10:00-12:50 FONTAINE L
 MEETS: JAN 12-MAY 8

ADVANCED TYPOGRAPHY ARTGR 575 3 CREDITS
 Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO DESIGN COLLEGE GRADUATE
 STUDENTS
 2113005 MW 2:10-5:00 CURRAN P
 MEETS: JAN 12-MAY 8
 Note: Materials, field trips &/or travel fee
 \$25.00-\$105.00

DSGN FOR E-COMMERCE ARTGR 578 3 CREDITS
 Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 2121005 MW 2:10-5:00 BRAIDWOOD A
 MEETS: JAN 12-MAY 8

WAYFINDING DESIGN ARTGR 579 3 CREDITS
 Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY.
 TOPIC: WAYFINDING DESIGN. FIELD TRIP FEE \$250.00
 2123005 MW 2:10-5:00 FONTAINE L
 MEETS: JAN 12-MAY 8

STUDIES IN GRPH DSN ARTGR 584 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2015.
 Instructor permission required 1st week.
 8262005 A MW 2:10-5:00 BAER R
 MEETS: JAN 12-MAY 8
 8262010 B MW 2:10-5:00 CALL A
 MEETS: JAN 12-MAY 8

GRAPHIC DSN HIST II ARTGR 588 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 Instructor permission required 1st week.
 9452005 MWF 1:10-2:00 MICKELSON A
 MEETS: JAN 12-MAY 8

DESIGN AND ETHICS ARTGR 589 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 4955005 F 2:10-5:00
 MEETS: JAN 12-MAY 8

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 ENROLLMNT.
 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 ENROLLMNT.
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

PUBLCATN DSGN:BOOKS ARTGR 592 3 CREDITS
 Prereq: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 2158005 MW 6:10-9:00PM CURRAN P
 MEETS: JAN 12-MAY 8

CREATIVE COMPONENT ARTGR 599 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

GRPHC DSGN&USABILTY ARTGR 672A 3 CREDITS
 Prereq: ARTGR 570, ARTGR 571, AND GRADUATE
 ENROLLMENT IN COLLEGE OF DESIGN OR PERMISSION OF
 INSTRUCTOR
 Note: Instructor permission required 1st week.
 4072005 1 MW 9:00-11:50
 MEETS: JAN 12-MAY 8

ADVANCED TOPICS ARTGR 690 VAR. CREDITS
 Prereq: MFA CLASSIFICATION, INSTRUCTOR PERMISSION
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

GRAPHIC DESIGN

(CONTINUED)

GRAPHIC DSGN ISSUES ARTGR 698 1- 3 CREDITS
 Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN OR
 PERMISSION OF INSTRUCTOR
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2013.
 1837005 M 6:10-9:00PM BRAIDWOOD A
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 4081010 A2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 4081015 B1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 4081020 B2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 4081025 C1 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 4081030 C2 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 4081035 D2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 4081040 D3 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 4081045 E1 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 4081050 E2 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 4082010 A2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 4082015 B1 TR 11:00-12:30
 MEETS: JAN 12-MAY 8
 4082020 B2 TR 11:00-12:30
 MEETS: JAN 12-MAY 8
 4082025 C1 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

DRUG EDUCATION H S 215 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 4083005 A1 TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO A TR, KIN H, P ATR
 MAJORS.
 4083010 A2 TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN A TR,
 KIN H, P ATR.
 4083015 B1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC B1 RESTRICTED TO A TR, KIN H, P ATR
 MAJORS.
 4083020 B2 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 4084010 2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 Note: Instructor permission required.

HEALTH STUDIES

(CONTINUED)

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 12-MAY 8

COMMUN&PUBLC HEALTH H S 310 3 CREDITS
 Prereq: H S 110
 4087005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO KIN H JUNIORS &
 SENIORS
 4087010 2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN KIN H

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 12-MAY 8
 4088010 A2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

STRATG PRO SCHL&FLD H S 385 R CREDIT
 Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN
 MINIMUM OF TWO SEMESTERS PRIOR TO KIN 485
 Note: COURSE RESTRICTED TO KIN H, JRS &
 ABOVE & FSHNA AND FSHNH GRADUATE STUDENTS.
 Satisfactory-Fail Only.
 3789005 1 R 2:10-3:00, ARRANGED
 MEETS: JAN 12-MAY 8
 3789010 2 F 1:10-2:00, ARRANGED
 MEETS: JAN 12-MAY 8

SUPV TCHG HLTH,SCDY H S 417A 14 CREDITS
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED
 Note: Department permission required.
 9508005 ARRANGED
 MEETS: JAN 12-MAY 8

TEACH HLTH SEC,ADDL H S 417B VAR. CREDITS
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED
 Note: Department permission required.
 9507005 ARRANGED
 MEETS: JAN 12-MAY 8

PHY ACTVTY EPIDEMIO H S 464X 3 CREDITS
 Prereq: KIN 358 OR H S 350
 Note: COURSE RESTRICTED TO A TH, D EXA, KIN H,
 P ATR, PDEXA, PDEXH MAJORS ONLY.
 9726005 MW 3:10-4:30
 MEETS: JAN 12-MAY 8

FLD EXP HLTH PROMO H S 485 1-16 CREDITS
 Prereq: ALL REQUIRED H S COURSES, PERMISSION OF
 COORDINATOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 4095005 ARRANGED
 MEETS: JAN 12-MAY 8

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 564X 3 CREDITS
 Prereq: KIN 358 OR H S 350; STAT 401
 Note: COURSE RESTRICTED TO A TH, D EXA, KIN H,
 P ATR, PDEXA, PDEXH MAJORS ONLY.
 9727005 MW 3:10-4:30
 MEETS: JAN 12-MAY 8

HIGHER EDUCATION

HIGHER EDUCATION

(CONTINUED)

HIGHER EDUC IN U.S. HG ED 504 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: FOR EDUC STUDENTS ONLY - OTHERS BY INSTRUCTOR PERMISSION ONLY
 4111005 1 M 5:30-8:30PM
 MEETS: JAN 12-MAY 8

LEARN, LDRSHP, CMUNTY HG ED 541 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7154005 T 3:10-5:00
 MEETS: JAN 12-MAY 8

TEAMS IN ACTION HG ED 543 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7160005 T 11:00-2:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

LDRSH&L IN PRACTICE HG ED 545 3 CREDITS
 Prereq: HG ED 544, GRADUATE CLASSIFICATION
 6845005 T 11:00-2:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

COLLEGE TEACHING HG ED 561 3 CREDITS
 Prereq: 6 GRADUATE CREDITS
 Note: COURSE RESTRICTED TO EDUC MAJORS ONLY.
 OTHERS CONTACT DEPARTMENT FOR PERMISSION
 4112005 1 F 5:00-8:00PM
 S 9:00-5:00
 MEETS: JAN 16-FEB 21
 Note: Instructor permission required.

STUDENTS AMER HG ED HG ED 578 3 CREDITS
 Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM
 7348005 1 R 9:00-11:50
 MEETS: JAN 12-MAY 8
 7348010 2 T 9:00-11:50
 MEETS: JAN 12-MAY 8

SPL TOP STDT SERVIC HG ED 590A 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN COLL HG ED 590B 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CURRENT ISS HG ED 590C 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTNL HG ED HG ED 590D 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP FED&STAT AFF HG ED 590E 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LAW IN HG ED HG ED 590F 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTITNL RES HG ED 590G 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXPERIEN HG ED 591 1- 4 CREDITS
 Prereq: 9 CREDITS GRADUATE WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

CAPSTONE SEMINAR HG ED 598 3 CREDITS
 Prereq: COMPLETION OF 30 CREDITS IN EL PS
 Note: FOR EDUC STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
 6275005 1 M 2:10-5:00
 MEETS: JAN 12-MAY 8

CREATIVE COMPONENT HG ED 599 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM FED & STATE AFF HG ED 615E 1- 4 CREDITS
 Note: OFFERED FOR 3 CREDITS SPRING 2014
 4142005 1 T 5:30-8:30PM
 MEETS: JAN 12-MAY 8

FINANCING HIGHER ED HG ED 665 3 CREDITS
 Prereq: HG ED 504
 Note: FOR EDUC STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
 4147005 W 5:10-8:30PM
 MEETS: JAN 12-MAY 8

STUDENT DEV THRY II HG ED 676 3 CREDITS
 Prereq: HG ED 576
 Note: FOR EDUC STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
 5633005 1 T 2:10-5:00
 MEETS: JAN 12-MAY 8
 5633010 2 R 2:10-5:00
 MEETS: JAN 12-MAY 8

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- 5 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHIL OF ED H P C 590B 1- 5 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPC COMPAR ED H P C 590C 1- 5 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT H P C 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS H P C 690 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH H P C 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTORY

INTRODUC TO HISTORY HIST 195 1 CREDIT
 Prereq: CLASSIFICATION AS A HISTORY MAJOR
 9223005 T 4:10-5:00
 MEETS: JAN 12-MAY 8 BYARS J

INTRO WESTERN CIV I HIST 201 3 CREDITS
 Note: Meets international perspectives reqmt
 4150005 MWF 9:00-9:50 WOLFORD K
 MEETS: JAN 12-MAY 8

INTR WESTERN CIV II HIST 202 3 CREDITS
 Note: Meets international perspectives reqmt
 4151005 1 TR 11:00-11:50 MONROE J
 W 8:00-8:50
 MEETS: JAN 12-MAY 8

4151010 2 TR 11:00-11:50 MONROE J
 W 9:00-9:50
 MEETS: JAN 12-MAY 8

4151015 3 TR 11:00-11:50 MONROE J
 W 10:00-10:50
 MEETS: JAN 12-MAY 8

4151020 4 TR 11:00-11:50 MONROE J
 W 11:00-11:50
 MEETS: JAN 12-MAY 8

4151025 5 TR 11:00-11:50 MONROE J
 W 12:10-1:00
 MEETS: JAN 12-MAY 8

4151030 6 TR 11:00-11:50 MONROE J
 T 8:00-8:50
 MEETS: JAN 12-MAY 8

4151035 7 TR 11:00-11:50 MONROE J
 F 8:00-8:50
 MEETS: JAN 12-MAY 8

4151040 8 TR 11:00-11:50 MONROE J
 F 9:00-9:50
 MEETS: JAN 12-MAY 8

4151045 9 TR 11:00-11:50 MONROE J
 F 10:00-10:50
 MEETS: JAN 12-MAY 8

4151050 10 TR 11:00-11:50 MONROE J
 F 10:00-10:50
 MEETS: JAN 12-MAY 8

4151055 11 TR 11:00-11:50 MONROE J
 F 11:00-11:50
 MEETS: JAN 12-MAY 8

4151060 12 TR 11:00-11:50 MONROE J
 F 12:10-1:00
 MEETS: JAN 12-MAY 8

4151065 13 MW 1:10-2:00 ANDREWS J
 W 9:00-9:50
 MEETS: JAN 12-MAY 8

4151070 14 MW 1:10-2:00 ANDREWS J
 W 10:00-10:50
 MEETS: JAN 12-MAY 8

4151075 15 MW 1:10-2:00 ANDREWS J
 W 11:00-11:50
 MEETS: JAN 12-MAY 8

4151080 16 MW 1:10-2:00 ANDREWS J
 R 8:00-8:50
 MEETS: JAN 12-MAY 8

HISTORY

(CONTINUED)

INTR WESTERN CIV II HIST 202 3 CREDITS
 4151085 17 MW 1:10-2:00 ANDREWS J
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 4151090 18 MW 1:10-2:00 ANDREWS J
 F 10:00-10:50
 MEETS: JAN 12-MAY 8
 4151095 19 MW 1:10-2:00 ANDREWS J
 F 11:00-11:50
 MEETS: JAN 12-MAY 8
 4151100 20 MW 1:10-2:00 ANDREWS J
 F 1:10-2:00
 MEETS: JAN 12-MAY 8
 CHINESE CIVILIZATN HIST 207 3 CREDITS
 Note: Meets international perspectives reqmt
 4152005 TR 11:00-12:20 WANG T
 MEETS: JAN 12-MAY 8
 SURVEY U.S. HIST I HIST 221 3 CREDITS
 4155005 1 MWF 2:10-3:00 STUMPF E
 MEETS: JAN 12-MAY 8
 4155010 2 TR 9:30-10:50 HOWE M
 MEETS: JAN 12-MAY 8
 SURVEY U.S. HIST II HIST 222 3 CREDITS
 4156005 1 TR 11:00-11:50 MCDONNELL L
 M 9:00-9:50
 MEETS: JAN 12-MAY 8
 4156010 2 TR 11:00-11:50 MCDONNELL L
 M 10:00-10:50
 MEETS: JAN 12-MAY 8
 4156015 3 TR 11:00-11:50 MCDONNELL L
 M 11:00-11:50
 MEETS: JAN 12-MAY 8
 4156020 4 TR 11:00-11:50 MCDONNELL L
 M 12:10-1:00
 MEETS: JAN 12-MAY 8
 4156025 5 TR 11:00-11:50 MCDONNELL L
 R 8:00-8:50
 MEETS: JAN 12-MAY 8
 4156030 6 TR 11:00-11:50 MCDONNELL L
 W 8:00-8:50
 MEETS: JAN 12-MAY 8
 4156035 7 TR 11:00-11:50 MCDONNELL L
 W 9:00-9:50
 MEETS: JAN 12-MAY 8
 4156040 8 TR 11:00-11:50 MCDONNELL L
 W 10:00-10:50
 MEETS: JAN 12-MAY 8
 4156045 9 TR 11:00-11:50 MCDONNELL L
 W 11:00-11:50
 MEETS: JAN 12-MAY 8
 4156050 10 TR 11:00-11:50 MCDONNELL L
 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 4156055 11 TR 11:00-11:50 MCDONNELL L
 R 8:00-8:50
 MEETS: JAN 12-MAY 8
 4156060 12 TR 11:00-11:50 MCDONNELL L
 F 8:00-8:50
 MEETS: JAN 12-MAY 8
 4156065 13 TR 11:00-11:50 MCDONNELL L
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 4156070 14 TR 11:00-11:50 MCDONNELL L
 F 10:00-10:50
 MEETS: JAN 12-MAY 8
 4156075 15 TR 11:00-11:50 MCDONNELL L
 W 11:00-11:50
 MEETS: JAN 12-MAY 8
 4156080 16 TR 11:00-11:50 MCDONNELL L
 F 12:10-1:00
 MEETS: JAN 12-MAY 8
 INTR HIST OF SCI II HIST 281 3 CREDITS
 Note: Meets international perspectives reqmt
 4162005 MWF 11:00-11:50 MILLER D
 MEETS: JAN 12-MAY 8
 HERITG ANCIENT WRDL HIST 304 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 7112005 TR 11:00-12:20 HOLLANDER D
 MEETS: JAN 12-MAY 8
 AMER POPULAR CULTUR HIST 307 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 3890600 XW ARRANGED BIX A
 MEETS: JAN 12-MAY 8
 Note: THIS COURSE REQUIRES THAT STUDENTS OBTAIN AN
 OFF-CAMPUS PROCTOR TO ADMINISTER THREE ONLINE EXAMS
 OR COME TO CAMPUS AND TAKE THREE EXAMS IN THE TESTING
 CENTER.
 Section XW is off campus
 Course delivery is WWW

HISTORY

(CONTINUED)

MDRN EURO 1450-1789 HIST 318 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 2671005 MWF 11:00-11:50 WOLFORD K
 MEETS: JAN 12-MAY 8
 MEDITERRANEAN WORLD HIST 321 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH. & ABOVE.
 8111005 MW 3:10-4:30 BYARS J
 MEETS: JAN 12-MAY 8
 HIS CHINA 1912-PRES HIST 337 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 Meets international perspectives reqmt
 4172005 TR 2:10-3:30 WANG T
 MEETS: JAN 12-MAY 8
 HIST LATIN AMERI II HIST 341 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 Meets international perspectives reqmt
 4175005 TR 11:00-12:20 HERNANDEZ B
 MEETS: JAN 12-MAY 8
 HIST AFRICAN AMER I HIST 353 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Meets U.S. diversity reqmt
 8745005 TR 9:30-10:50 ADELEKE R
 MEETS: JAN 12-MAY 8
 U.S. CIVIL WAR&RECON HIST 356 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 4217005 TR 12:40-2:00 HILLIARD K
 MEETS: JAN 12-MAY 8
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 U.S. 1945-PRESENT HIST 361 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 4220005 1 MW 9:00-9:50 BEHNKEN B
 F 8:00-8:50
 MEETS: JAN 12-MAY 8
 4220010 2 MW 9:00-9:50 BEHNKEN B
 F 9:00-9:50
 MEETS: JAN 12-MAY 8
 4220015 3 MW 9:00-9:50 BEHNKEN B
 F 11:00-11:50
 MEETS: JAN 12-MAY 8
 4220020 4 MW 9:00-9:50 BEHNKEN B
 F 12:10-1:00
 MEETS: JAN 12-MAY 8
 HIST AMERI AGRIC II HIST 366 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE.
 4180005 MWF 9:00-9:50 HILL K
 MEETS: JAN 12-MAY 8
 HISTORY OF IOWA HIST 370 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 4222005 TR 2:10-3:30 BREMER J
 MEETS: JAN 12-MAY 8
 WM&MEN ANC MEDITRNN HIST 374 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN,
 OR GREEK
 Note: Meets international perspectives reqmt
 2236005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 HIST OF AMER WOMEN HIST 386 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4187600 XW ARRANGED BIX A
 MEETS: JAN 12-MAY 8
 Note: COURSE IS RESTRICTED TO SOPHOMORES AND ABOVE.
 THIS COURSE REQUIRES THAT STUDENTS OBTAIN AN
 OFF-CAMPUS PROCTOR TO ADMINISTER THREE ONLINE EXAMS
 OR COME TO CAMPUS AND TAKE THREE EXAMS IN THE TESTING
 CENTER.
 Section XW is off campus
 Course delivery is WWW
 AMERI MILITARY HIST HIST 389 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 4189005 MWF 12:10-1:00 MARGIS M
 MEETS: JAN 12-MAY 8
 4189010 2 TR 3:40-5:00
 MEETS: JAN 12-MAY 8

HISTORY

(CONTINUED)

TOPICS HIST EUROPE HIST 396A 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
TOPIC: HISTORY OF EUROPEAN WOMEN
2764005 M 6:10-9:00PM BYARS J
MEETS: JAN 12-MAY 8

TOPICS HIST N AMERI HIST 396B 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Note: TOPIC: ASIAN AMERICAN HISTORY
2971005 TR 3:40-5:00 DUSSELIER J
MEETS: JAN 12-MAY 8

TOPICS HIST GLOBAL HIST 396C 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Note: TOPIC: AFRICAN HISTORY TO 1880
COURSE RESTRICTED TO SOPHOMORES & ABOVE
2986005 TR 9:30-10:50 ADELEKE R
MEETS: JAN 12-MAY 8

ROMAN CIVILIZATION HIST 403 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
4193005 TR 2:10-3:30 HOLLANDER D
MEETS: JAN 12-MAY 8

LATE MIDDLE AGES HIST 407 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPH & ABOVE.
9196005 MWF 10:00-10:50 BAILEY M
MEETS: JAN 12-MAY 8

MODERN ENGLAND HIST 431 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
8634005 TR 12:40-2:00 SCHNEIDER W
MEETS: JAN 12-MAY 8

AMER REVOLUTION ERA HIST 451 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
Instructor permission required 1st week.
8415005 MWF 10:00-10:50 KEHRBERG R
MEETS: JAN 12-MAY 8

THE GREAT PLAINS HIST 460 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO YR2 OR ABOVE
4223005 TR 12:40-2:00 COURTWRIGHT J
MEETS: JAN 12-MAY 8

THE RURAL SOUTH HIST 461 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
TR 2:10-3:30 MCDONNELL L
MEETS: JAN 12-MAY 8

U.S. ENVIRMNTL HIST HIST 472 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
9189005 TR 9:30-10:50 COURTWRIGHT J
MEETS: JAN 12-MAY 8

INDEPENDENT STUDY HIST 490 1- 3 CREDITS
Prereq: 9 CREDITS IN HISTORY; PERMISSION OF DEPARTMENT CHAIR
Note: SOPHOMORE AND ABOVE CLASSIFICATION. NO MORE THAN 6 CREDITS OF HIST 490 MAY BE APPLIED TOWARD GRADUATION WITH A MAJOR IN HISTORY. NO CREDITS OF HIST 490 MAY BE APPLIED TOWARD A MINOR IN HISTORY.
Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

HISTRIOG&RESRCH WRT HIST 495 3 CREDITS
Prereq: SR HISTORY MAJORS WITH AT LEAST 12 CR OF 300+ LEVEL HISTORY COURSES
Note: COURSE RESTRICTED TO HIST SENIORS ONLY.
4238005 1 W 1:10-4:00 HILLIARD K
MEETS: JAN 12-MAY 8
4238010 2 T 1:10-4:00 ANDREWS J
MEETS: JAN 12-MAY 8
4238015 3 M 1:10-4:00 MCDONNELL L
MEETS: JAN 12-MAY 8

ADV TOPCS HST EUROP HIST 496A 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
TOPIC: HISTORY OF LONDON
2999005 MWF 2:10-3:00 WOLFORD K
MEETS: JAN 12-MAY 8

ADV TOPCS N AMER HI HIST 496B 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Note: TOPIC: AMERICAN LEGAL HISTORY
COURSE RESTRICTED TO SOPHOMORES & ABOVE
3028005 MW 3:10-4:30 SCHNEIDER W
MEETS: JAN 12-MAY 8

HISTORY

(CONTINUED)

ADV TOPCS GLOBL HIS HIST 496C 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
TOPIC: HISTORY OF EARLY ISLAM
3042005 MWF 1:10-2:00 BAILEY M
MEETS: JAN 12-MAY 8

PROSEM LATIN AMER HIST 513 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
4246005 T 1:10-4:00 HERNANDEZ B
MEETS: JAN 12-MAY 8

HIS METHD HISTORIOG HIST 583C 3 CREDITS
Note: Instructor permission required.
3422005 ARRANGED RINEY-KEHRBERG P
MEETS: JAN 12-MAY 8

SPECIAL TOPICS HIST 590 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

SEM AMER RURAL LIFE HIST 610 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
9368005 W 1:10-4:00 RINEY-KEHRBERG P
MEETS: JAN 12-MAY 8

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 12-MAY 8
Note: Department permission required.

UNIV HONORS SEMINAR HON 322J 2 CREDITS
Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HON 490 VAR. CREDITS
Prereq: MEMBERSHIP IN THE UNIV HONORS PROGRAM, PERMISSION OF FACULTY DIRECTOR OF UNIV HONORS PROGRAM
Note: Department permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE

DEV LEARNRS&LEADERS HORT 114 2 CREDITS
Prereq: NREM 112
8122005 A W 9:00-10:50 WIERSEMA J
MEETS: JAN 12-MAY 8
8122010 B W 4:10-6:00PM WIERSEMA J
MEETS: JAN 12-MAY 8

HOME HORTICULTURE HORT 121 2 CREDITS
4292005 MW 3:10-4:00
MEETS: JAN 12-MAY 8

HANDS-ON HOME HORTI HORT 122 1 CREDIT
5497005 1 M 9:00-9:50
MEETS: JAN 12-MAY 8
5497010 2 M 11:00-11:50
MEETS: JAN 12-MAY 8
5497015 3 M 1:10-2:00
MEETS: JAN 12-MAY 8

FLORAL DESIGN HORT 131 1 CREDIT
9661005 1 W 5:10-7:00PM
MEETS: JAN 12-MAY 8
Note: SEC 1 RESTRICTED TO HORT MAJORS ONLY
9661010 2 W 5:10-7:00PM
MEETS: JAN 12-MAY 8
Note: SEC 2 FOR MAJORS OTHER THAN HORT

PRIN HORTICULTR SCI HORT 221 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN BIOL 211
4296005 1 TR 9:00-9:50
T 2:10-4:00
MEETS: JAN 12-MAY 8
4296010 2 TR 9:00-9:50
R 2:10-4:00
MEETS: JAN 12-MAY 8

HORTICULTURE (CONTINUED)

HORTICULTURE (CONTINUED)

SPANISH FOR HORTICU HORT 225 3 CREDITS
 2378005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

PESTICIDE APPL CERT HORT 283 2 CREDITS
 5221005 A MW 2:10-3:00 HOLSCHER K
 MEETS: JAN 12-MAY 8

PLANT PROPAGATION HORT 322 3 CREDITS
 Prereq: HORT 221 OR BIOL 211
 4304005 1 TR 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 12-MAY 8
 4304010 2 TR 10:00-10:50
 W 1:10-3:00
 MEETS: JAN 12-MAY 8

GREENHSE OPERAT&MGT HORT 332 4 CREDITS
 Prereq: HORT 221
 4306005 1 MWF 1:10-2:00
 M 2:10-5:00
 MEETS: JAN 12-MAY 8
 4306010 2 MWF 1:10-2:00
 W 2:10-5:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

SOILS & PLANT GROWTH HORT 354 3 CREDITS
 Prereq: AGRON 154 AND BIOL 101 OR BIOL 211
 8494005 1 MWF 10:00-10:50 LOYNACHAN T
 MEETS: JAN 12-MAY 8
 Section info: <http://www.public.iastate.edu/~teloynac/354outl.html>

SOIL&PLANT GRWTH LB HORT 354L 1 CREDIT
 Prereq: AGRON OR HORT MAJOR WITH CREDIT OR ENROLLMENT IN AGRON 354
 Note: COURSE RESTRICTED TO AGRON & HORT MAJORS ONLY.
 8496005 1 T 12:10-3:00 ANDERSON-MBA A
 MEETS: JAN 12-MAY 8
 8496010 2 W 1:10-4:00 ONA T
 MEETS: JAN 12-MAY 8
 8496015 3 R 1:10-4:00 MATHUR R
 MEETS: JAN 12-MAY 8

PRIN GARDEN COMPOSI HORT 380 2 CREDITS
 Prereq: HORT 240
 7264005 TR 9:30-10:20
 MEETS: JAN 12-MAY 8
 7264600 XW ARRANGED ORGLER L
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

BEG GARDN COMP STDO HORT 381 2 CREDITS
 Prereq: HORT 240, HORT 281, 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 12-MAY 8
 7284010 2 MW 1:10-3:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

SUSTNBLE&ENVIR HORT HORT 424 3 CREDITS
 8866005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

GREENHS CROP PRD II HORT 435 4 CREDITS
 Prereq: HORT 330 AND HORT 332
 2659005 MWF 9:00-9:50
 R 2:10-5:00
 MEETS: JAN 12-MAY 8

PROF TURFGRASS MGMT HORT 451 2 CREDITS
 Prereq: HORT 351
 4319005 T 2:10-5:00
 MEETS: JAN 12-MAY 8
 4319600 XW ARRANGED CHRISTIANS N
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

FRUIT CROP PROD&MGT HORT 461 3 CREDITS
 Prereq: HORT 221
 4320005 MW 11:00-11:50
 M 2:10-4:00
 MEETS: JAN 12-MAY 8
 Note: Materials, field trips &/or travel fee \$50.00

ENTRPRIS MGT:PLANTG HORT 465A 3 CREDITS
 Prereq: ECON 230; 6 CR HORT; JUNIOR CLASSIFICATN
 2148005 T 1:10-2:00
 T 2:10-3:00
 R 1:10-5:00
 MEETS: JAN 12-MAY 8

IND ST GREENHS CROP HORT 490A VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY NURS CROPS HORT 490B VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY TURFGRASS HORT 490C VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS HORT 490D VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND 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 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CROSS-COMMO HORT 490F VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT HORT 490G VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HORT 490H VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE (CONTINUED)

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

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 12-MAY 8

SERV LEARN DOMESTIC 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 12-MAY 8

INTG MGT TROPIC CROP HORT 511 3 CREDITS
 Prereq: PL P 408 OR 416 OR ENT 370 OR 376 OR HORT 221
 Note: Meets international perspectives reqmt
 4433005 ARRANGED
 MEETS: JAN 12-MAY 8

SUSTNBLE&ENVIR HORT HORT 524 3 CREDITS
 4105005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

INTRO DNA TECHNIQS HORT 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 3106005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-FEB 12

INTR PROTEIN TECHNQ HORT 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 3134005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 17-MARCH 26

INTRO CELL TECHNIQS HORT 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 3107005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 31-APRIL 30

INTR PLNT TRNSFM TQ HORT 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Note: MEETS JAN 21-FEB 4 AND MARCH 25-APRIL 17
 Satisfactory-Fail Only.
 3133005 WF 12:30-4:00
 MEETS: JAN 21-APRIL 17

STRAT DIVERSFD FARM HORT 546 3 CREDITS
 Prereq: SUSAG 509
 6120005 1 ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

ADVANCED TOPICS HORT 690 VAR. CREDITS
 4348005 ARRANGED
 MEETS: JAN 12-MAY 8

RESEARCH SEMINAR HORT 696 1 CREDIT
 Satisfactory-Fail Only.
 8833005 W 4:10-5:30
 MEETS: JAN 12-MAY 8

HORT TEACH PRACTICM HORT 698 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 6171005 M 3:10-4:00
 MEETS: JAN 12-MAY 8

HORTICULTURE (CONTINUED)

RSRCH GREENHSE CROP HORT 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH NURSERY CROPS HORT 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TURFGRASS HORT 699C VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH FRUIT CROPS HORT 699D VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH VEG CROPS HORT 699E VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH CROSS-COMMODT HORT 699F VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH LANDSCAP HORT HORT 699G VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOTEL RESTAURANT & INSTITUTION MGMT

INTRO HOSPITLY INDUS HRI 101 3 CREDITS
 7306005 1A TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M MAJORS ONLY

7306010 1B TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI, HSP M

INTRO CASINO MNGMNT HRI 201X 3 CREDITS
 9204005 1A ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO HRI, HSP M MAJORS ONLY

9204010 1B ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS THAN HRI, HSP M

INTR HSPPLY PFM ANLY HRI 230X 3 CREDITS
 9454005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

HOSP SANITAT&SAFETY HRI 233 3 CREDITS
 Note: CREDIT FOR EITHER HRI 392, OR HRI 233 AND HRI 333 MAY BE APPLIED TOWARD GRADUATION

4435005 1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO CS A, CS H, HRI, HSP M, EVENT MAJORS ONLY

4435010 2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC 2 RESTRICTED MAJORS OTHER THAN CS A, CS H HRI, HSP M, EVENT

GLOBAL TOURISM MGT HRI 260 3 CREDITS
 Note: Meets international perspectives reqmt
 6738005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

CNTMP CLUB OPERATNS HRI 289 2 CREDITS
 Prereq: HRI 101
 Note: COURSE RESTRICTED TO HRI, HSP M MAJOR ONLY

9247005 MW 1:10-2:00
 MEETS: JAN 12-MAY 8

HOSPITALITY LAW HRI 315 3 CREDITS
 Prereq: HRI 101
 Note: COURSE RESTRICTED TO HRI, HSP M, EVENT MAJORS ONLY

4369005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

AMUSEMNT PARK ADMIN HRI 320 3 CREDITS
 Prereq: HRI 101 OR PERMISSION OF INSTRUCTOR

9570005 1A MW 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M MAJORS ONLY
 Field trips & travel fee \$50.00

9570010 1B MW 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI, HSP M.

QUANT FOOD PROD MGT HRI 380 3 CREDITS
 Prereq: HRI 233 OR 2 CR MICRO; FS HN 111 OR FS HN 214; FS HN 115 OR 215; JUNIOR CLASSIFICATION OR ABOVE; ENROLLMENT IN HRI 380L
 Note: Instructor permission required.

4358005 1 TR 8:00-9:20
 MEETS: JAN 12-MAY 8

HOTEL RESTAURANT & INSTITUTION MGMT (CONTINUED)

HOTEL RESTAURANT & INSTITUTION MGMT (CONTINUED)

QUANT FOOD PROD&MGT HRI 380L 2 CREDITS
 Prereq: HRI 233 OR 2 CR. MICRO, FS HN 111 OR FS HN 214; FS HN 115 OR FS HN 215; JUNIOR CLASSIFICATION OR ABOVE; ENROLLMENT IN HRI 380; RESERVATION WITH PROGRAM REQUIRED
 Note: Instructor permission required.
 4359005 1 TR 10:00-1:00
 MEETS: JAN 12-MAY 8
 4359010 2 WF 10:00-1:00
 MEETS: JAN 12-MAY 8
 4359015 3 TR 4:15-7:15PM
 MEETS: JAN 12-MAY 8

INTRO WINE,BEER,SPI HRI 383 2 CREDITS
 Prereq: MUST BE AT LEAST 21 YEARS OLD
 4108005 1A R 3:40-5:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO CS A, CSH, HRI, HSP M, EVENT MAJORS ONLY
 4108010 1B R 3:40-5:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN CS A, CS H, EVENT, HRI, HSP M
 4108015 2A T 3:40-5:30
 MEETS: JAN 12-MAY 8
 Note: SEC 2A RESTRICTED TO CS A, CSH, HRI, HSP M, EVENT MAJORS ONLY
 4108020 2B T 3:40-5:30
 MEETS: JAN 12-MAY 8
 Note: SEC 2B FOR MAJORS OTHER THAN CS A, CS H, EVENT, HRI, HSP M

INTRO WINE,BEER LAB HRI 383L 1 CREDIT
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN HRI 383. MUST BE AT LEAST 21 YEARS OLD.
 8018005 1 F 1:10-3:00
 MEETS: JAN 12-MAY 8
 Note: Materials fee \$40.00

FOODSERVICE MGT II HRI 392 3 CREDITS
 Prereq: HRI 391
 Note: CREDIT IN HRI 392 MAY NOT BE APPLIED TOWARD THE DEGREE REQUIREMENTS FOR THE MAJOR IN HOSPITALITY MANAGEMENT. CREDIT FOR EITHER HRI 392, OR HRI 233 AND HRI 333 MAY BE APPLIED TOWARD GRADUATION.
 7619005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

HOSPITLT FINANCL MGT HRI 433 3 CREDITS
 Prereq: HRI 333; ACCT 284; ECON 101; CREDIT OR ENROLLMENT IN STAT 101
 9349005 A MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

LODGING OPER MGT II HRI 452 3 CREDITS
 Prereq: HRI 352; CREDIT OR ENROLLMENT IN HRI 333
 6696005 MW 4:10-5:30
 MEETS: JAN 12-MAY 8

INTR STRATG MGT F&L HRI 455 3 CREDITS
 Prereq: AESHM 340; CR OR ENROLLMENT IN HRI 433 AND AESHM 438
 9580005 1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

ISSUES FOOD SAFETY HRI 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
 8349005 MW 2:10-3:00 MENDONCA A
 MEETS: JAN 12-MARCH 6

IND ST HOSPLITY MGT HRI 490B VAR. CREDITS
 Prereq: PROGRAM APPROVAL
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HRI 490D VAR. CREDITS
 Prereq: PROGRAM APPROVAL
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FOODSRVC OP HRI 490E VAR. CREDITS
 Prereq: PROGRAM APPROVAL
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HRI 490H VAR. CREDITS
 Prereq: PROGRAM APPROVAL, FULL MEMBERSHIP IN HONORS PROGRAM
 Note: COURSE IS RESTRICTED TO UNIVERSITY HONORS STUDENTS.
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURR ISS HSPLTY MGT HRI 506 1 CREDIT
 3458005 1 F 3:10-5:00
 MEETS: JAN 12-MARCH 6

HSPTLY FINAN DECIS HRI 533 3 CREDITS
 Prereq: HRI 433
 9350005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

HR DEVEL IN HSPTLTY HRI 538 3 CREDITS
 Prereq: AESHM 438
 5977005 1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

STRATGC MGT HSPTLTY HRI 555 3 CREDITS
 Prereq: COURSES IN MARKETING, FINANCE, HRI AND MANAGEMENT
 4230005 1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

SP TOP HOSPITLTY MGT HRI 590B VAR. CREDITS
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LODGING OPER HRI 590D VAR. CREDITS
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CMMRC FDSRV HRI 590E VAR. CREDITS
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HRI 599 VAR. CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONL WRITING HRI 604 2 CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM
 8484005 1 ARRANGED
 MEETS: JAN 12-MAY 8

ADMINISTRA PROBLEMS HRI 608 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; ENROLLMENT IN PH.D. PROGRAM
 Note: Instructor permission required 1st week.
 4399005 1 ARRANGED
 MEETS: JAN 12-MAY 8

ADV HOSP FINANCL MGT HRI 633 3 CREDITS
 Prereq: HRI 433; ENROLLMENT IN PH.D. PROGRAM
 4397005 1 ARRANGED
 MEETS: JAN 12-MAY 8

ADV TOP HSPTLTY MGT HRI 690B VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION OF APPLICATION TO DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC LODGING HRI 690D VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION OF APPLICATION TO DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HRI 699 VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN COMPUTER INTERACTION

MNG&EVAL TEC INTRVN HCI 504 3 CREDITS
 Prereq: C I 501
 1781005 R 5:10-8:00PM
 MEETS: JAN 12-MAY 8

COMPUTNL ANALY ENGL HCI 520 3 CREDITS
 Prereq: ENGL 510 AND ENGL 511
 6975005 A TR 12:40-2:00
 MEETS: JAN 12-MAY 8 CHUKHAREV-KHUDIL

METHDS HUMAN&CMPUTR HCI 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7055005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

COMPUT IMPL&PROTYP HCI 574 3 CREDITS
 9226005 A MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: Department permission required.
 9226600 XE ARRANGED HARDING C
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

HUMAN COMPUTER INTERACTION (CONTINUED)

COMPUTATNL PERCEPTN HCI 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 3245005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

DESIGN AND ETHICS HCI 589 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 4956005 F 2:10-5:00
 MEETS: JAN 12-MAY 8

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

SEM HUMN CPR NTRACT HCI 591 1 CREDIT
 Note: COURSE OFFERED FOR 1 CREDIT FOR SPRING 2013
 3509005 A F 12:10-1:00
 MEETS: JAN 12-MAY 8

CREATIVE COMPONENT HCI 599 3 CREDITS
 Satisfactory-Fail Only.
 6700005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV LRN ENVIR DSIGN HCI 603 3 CREDITS
 Prereq: C I 503
 1844005 T 5:10-8:00PM
 MEETS: JAN 12-MAY 8

HCI INTERNSHIP HCI 697 R CREDIT
 Prereq: GRAD CLASSIFICATION, PERMISSION OF
 DIRECTOR OF GRADUATE EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HCI 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

INDV&FAM LIFE DEVEL HD FS 102 3 CREDITS
 3491005 1A TR 9:30-10:50 BALTIMORE D
 Note: SEC 1A RESTRICTED TO COLLEGE OF HUMAN SCIENCES
 MAJORS ONLY.
 3491010 1B TR 9:30-10:50 BALTIMORE D
 MEETS: JAN 12-MAY 8

PRO PRIN WRK CH&YTH HD FS 103 .5 CREDIT
 Satisfactory-Fail Only.
 4950005 ARRANGED LUZE G
 MEETS: JAN 12-MAY 8

PRO PRIN WRK W ADLT HD FS 105 .5 CREDIT
 Satisfactory-Fail Only.
 4951005 ARRANGED LUZE G
 MEETS: JAN 12-MAY 8

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 HD FS MAJORS ONLY.
 Satisfactory-Fail Only.
 7003005 M 2:10-3:00 WALSH P
 MEETS: JAN 12-MAY 8

PRSNL FIN ERLY ADLT HD FS 183 1 CREDIT
 Satisfactory-Fail Only.
 7594005 T 3:10-5:00
 MEETS: MARCH 9-MAY 8
 7594605 XV ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW
 7594600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ERLY CHLDHD ED ORIE HD FS 208 1 CREDIT
 Satisfactory-Fail Only.
 4390005 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: COURSE RESTRICTED TO ECE MAJORS ONLY

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 2:10-4:00 HANSEN M
 MEETS: JAN 12-MAY 8

CHILD DEVELP&HEALTH HD FS 223X 3 CREDITS
 1239005 TR 12:40-2:00 ZARLING A
 MEETS: JAN 12-MAY 8

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

DEVELPMT BIRTH-8YRS HD FS 224 3 CREDITS
 Prereq: HD FS 102 AND HD FS 103
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS MAJORS.
 LAB PLACEMENT ASSIGNED AT FIRST LECTURE.
 Department permission required 1st week.

7011005 1 TR 12:40-2:00 HUGHES-BELDING K
 M 8:00-8:50 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011010 2 TR 12:40-2:00 HUGHES-BELDING K
 T 8:00-8:50 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011015 3 TR 12:40-2:00 HUGHES-BELDING K
 W 8:00-8:50 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011020 4 TR 12:40-2:00 HUGHES-BELDING K
 R 8:00-8:50 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011025 5 TR 12:40-2:00 HUGHES-BELDING K
 F 8:00-8:50 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011030 6 TR 12:40-2:00 HUGHES-BELDING K
 M 3:10-4:00 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011035 7 TR 12:40-2:00 HUGHES-BELDING K
 T 3:10-4:00 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011040 8 TR 12:40-2:00 HUGHES-BELDING K
 W 3:10-4:00 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011045 9 TR 12:40-2:00 HUGHES-BELDING K
 R 3:10-4:00 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011050 10 TR 12:40-2:00 HUGHES-BELDING K
 F 3:10-4:00 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011055 11 TR 12:40-2:00 HUGHES-BELDING K
 M 4:10-5:00 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011060 12 TR 12:40-2:00 HUGHES-BELDING K
 T 4:10-5:00 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011065 13 TR 12:40-2:00 HUGHES-BELDING K
 W 4:10-5:00 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011070 14 TR 12:40-2:00 HUGHES-BELDING K
 R 4:10-5:00 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

7011075 15 TR 12:40-2:00 HUGHES-BELDING K
 F 4:10-5:00 HUGHES-BELDING K
 MEETS: JAN 12-MAY 8

DEV&GUID MID CHILDH HD FS 226 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230; HD FS 103
 2193005 1 TR 9:30-10:50 HILLMAN A
 MEETS: JAN 12-MAY 8

ADOLESC&EMRGING ADU HD FS 227 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 6972005 MWF 12:10-1:00 DORIUS C
 MEETS: JAN 12-MAY 8

ADULT DEVELP&AGING HD FS 234 3 CREDITS
 Prereq: HD FS 102
 3401005 1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

LIT FOR CHILDREN HD FS 240 3 CREDITS
 Prereq: 102 OR PSYCH 230
 Note: Meets U.S. diversity reqmt
 2194005 A1 TR 3:40-5:00 POPILLION A
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO CH FS, ECE, EL ED,
 FCEDS MAJORS ONLY.

2194010 A2 TR 3:40-5:00 POPILLION A
 MEETS: JAN 12-MAY 8
 Note: FOR MAJORS OTHER THAN EL ED, ECE & CH FS
 MAJORS ONLY.

PRNT&FAM DVRSTY ISS HD FS 249 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2207005 1 TR 11:00-12:15 COLBERT K
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS &
 F C P MAJORS ONLY.

2207010 2 TR 11:00-12:15 COLBERT K
 MEETS: JAN 12-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN CH FS, ECE, FCEDS,
 F C P

RSRCH IN HUM DV&FAM HD FS 269 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 2197005 1 MWF 10:00-10:50 GUDMUNSON C
 MEETS: JAN 12-MAY 8

FAMILY CMM&RELATNSH HD FS 270 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, F C P
 MAJORS ONLY
 7012005 1 MWF 11:00-11:50 JORDAN T
 MEETS: JAN 12-MAY 8

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN SEXUALITY HD FS 276 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3496005 1 TR 12:40-2:00 POPILLION A
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO FCEDS, F C P & CH FS MAJORS
 3496010 2 TR 12:40-2:00 POPILLION A
 MEETS: JAN 12-MAY 8
 3496015 3 TR 11:00-12:20 BALTIMORE D
 MEETS: JAN 12-MAY 8
 PRSNL&FAMILY FINANC HD FS 283 3 CREDITS
 3499005 1 MWF 1:10-2:00 KARRAKER A
 MEETS: JAN 12-MAY 8
 FLD EXP EARLY CHILD HD FS 317A 1- 6 CREDITS
 Prereq: HS FS 343
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 FLD EXP FAMILY SERV HD FS 317B 1- 6 CREDITS
 Prereq: 9 CREDITS IN HD FS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 FLD EXP EARLY SP ED HD FS 317C 1- 6 CREDITS
 Prereq: HS FS 224
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 FLD EX CARE 5+YR OLD HD FS 317D 1- 6 CREDITS
 Prereq: HD FS 226, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 FLD EXP INF/TODDLER HD FS 317E 1- 6 CREDITS
 Prereq: HD FS 340, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 FLD EXPRNC RESEARCH HD FS 317F 1- 6 CREDITS
 Prereq: HD FS 269, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 FLD EXP FAMLY FNANC HD FS 317G 1- 6 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 FIELD EXP HOUS PROG HD FS 317K 1- 6 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 ASS'MT&CUR:BRTH-2YR HD FS 340 4 CREDITS
 Prereq: HD FS 103, HD FS 224, ADMISSION TO
 TEACHER EDUCATION PROGRAM
 Note: LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST
 LECTURE CLASS. PROOF OF LIABILITY INSURANCE AND A
 BACKGROUND CHECK ARE REQUIRED - ASSOCIATED COSTS
 ARE THE RESPONSIBILITY OF THE STUDENT.
 8686005 1 TR 3:40-4:55 MAYNARD C
 M 9:00-12:00 MAYNARD C
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 8686010 2 TR 3:40-4:55 MAYNARD C
 T 9:00-12:00 MAYNARD C
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 8686015 3 TR 3:40-4:55 MAYNARD C
 W 9:00-12:00 MAYNARD C
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 8686020 4 TR 3:40-4:55 MAYNARD C
 R 9:00-12:00 MAYNARD C
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 8686025 5 TR 3:40-4:55 MAYNARD C
 F 9:00-12:00 MAYNARD C
 MEETS: JAN 12-MAY 8
 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 MAJORS ONLY.
 LAB PLACEMENT ASSIGNED AT FIRST LECTURE.
 Department permission required 1st week.
 3414005 1 TR 2:10-3:00 LUZE G
 M 12:10-1:00 LUZE G
 MEETS: JAN 12-MAY 8
 3414010 2 TR 2:10-3:00 LUZE G
 T 12:10-1:00 LUZE G
 MEETS: JAN 12-MAY 8
 3414015 3 TR 2:10-3:00 LUZE G
 W 12:10-1:00 LUZE G
 MEETS: JAN 12-MAY 8
 3414020 4 TR 2:10-3:00 LUZE G
 R 12:10-1:00 LUZE G
 MEETS: JAN 12-MAY 8
 3414025 5 TR 2:10-3:00 LUZE G
 F 12:10-1:00 LUZE G
 MEETS: JAN 12-MAY 8
 3414030 6 TR 2:10-3:00 LUZE G
 M 3:10-4:00 LUZE G
 MEETS: JAN 12-MAY 8
 3414035 7 TR 2:10-3:00 LUZE G
 T 3:10-4:00 LUZE G
 MEETS: JAN 12-MAY 8

GUIDNC&GRP ERLY CHD HD FS 342 3 CREDITS
 3414040 8 TR 2:10-3:00 LUZE G
 W 3:10-4:00 LUZE G
 MEETS: JAN 12-MAY 8
 3414045 9 TR 2:10-3:00 LUZE G
 R 3:10-4:00 LUZE G
 MEETS: JAN 12-MAY 8
 3414050 10 TR 2:10-3:00 LUZE G
 F 3:10-4:00 LUZE G
 MEETS: JAN 12-MAY 8
 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 RESTRICTED TO CH FS, ECE SOPHOMORES AND
 ABOVE. LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST
 LECTURE CLASS. PROOF OF LIABILITY INSURANCE AND A
 BACKGROUND CHECK ARE REQUIRED - ASSOCIATED COSTS
 ARE THE RESPONSIBILITY OF THE STUDENT.
 2205005 1 TR 3:40-5:00 COLBERT K
 M 9:00-12:00 COLBERT K
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 2205010 2 TR 3:40-5:00 COLBERT K
 T 9:00-12:00 COLBERT K
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 2205015 3 TR 3:40-5:00 COLBERT K
 W 9:00-12:00 COLBERT K
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 2205020 4 TR 3:40-5:00 COLBERT K
 R 9:00-12:00 COLBERT K
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 2205025 5 TR 3:40-5:00 COLBERT K
 F 9:00-12:00 COLBERT K
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 CHILD EARLY CARE&ED HD FS 344 4 CREDITS
 Prereq: HD FS 103, HD FS 224
 Note: COURSE RESTRICTED TO CH FS MAJORS ONLY.
 PROOF OF LIABILITY INSURANCE AND A BACKGROUND CHECK
 ARE REQUIRED - ASSOCIATED COSTS ARE THE
 RESPONSIBILITY OF THE STUDENT.
 1351005 1 TR 9:30-10:50 SHEDD C
 M 2:10-5:30 SHEDD C
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 1351010 2 TR 9:30-10:50 SHEDD C
 T 2:10-5:30 SHEDD C
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 1351015 3 TR 9:30-10:50 SHEDD C
 W 2:10-5:30 SHEDD C
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 1351020 4 TR 9:30-10:50 SHEDD C
 R 2:10-5:30 SHEDD C
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 1351025 5 TR 9:30-10:50 SHEDD C
 F 2:10-5:30 SHEDD C
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 ADAPT PROG INCL SET HD FS 345 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN HD FS
 340 OR HD FS 343; SP ED 250
 Note: COURSE RESTRICTED TO CH FS, ECE JUNIORS
 AND SENIORS ONLY.
 4449005 TR 12:40-2:00 SHEDD C
 MEETS: JAN 12-MAY 8
 ABUSE&ILL IN FAMILI HD FS 367 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 9193005 1 MWF 11:00-11:50 BICKELHAUPT S
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS, F C P
 MAJORS ONLY
 RETIREM PLN&BENEFTS HD FS 378 3 CREDITS
 Prereq: 3 CR PRIN OF ECONOMICS, 3 CR IN HD FS
 Note: Meets U.S. diversity reqmt
 5751005 MWF 12:10-1:00 GUDMUNSON C
 MEETS: JAN 12-MAY 8
 CHLD, FAM&PUB POLCY HD FS 395 3 CREDITS
 Prereq: HD FS 269 OR EQUIVALENT
 1155005 1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 SUP TCH EARLY SP ED HD FS 417C 8 CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION PROGRAM, HD FS 455; HD FS 456, TEACHING
 EXPERIENCE WITH PRESCHOOL CHILDREN WITH DISABILITIES
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2213005 1A ARRANGED KROGH J
 MEETS: JAN 12-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2213015 1R ARRANGED COLBERT K
 MEETS: JAN 12-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

SUP TCH EARLY SP ED HD FS 417C 8 CREDITS
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2213010 2A ARRANGED KROGH J
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 2213020 2R ARRANGED COLBERT K
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

PRO PRAC RFLCT:TCHR HD FS 418A .5 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN HD FS 417
 Satisfactory-Fail Only.
 4952005 ARRANGED KROGH J
 MEETS: JAN 12-MAY 8

PRO PRAC RFLCT:INTN HD FS 418B 2 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Satisfactory-Fail Only.
 3681005 W 3:10-5:00 ENLOE L
 MEETS: JAN 12-MAY 8

PRG EVAL&PROPOS WRI HD FS 449 3 CREDITS
 Prereq: HD FS 269
 Note: RESTRICTED TO CH FS, FCEDS, F C P SENIORS ONLY
 2221005 1 TR 2:10-3:30 GILLIGAN M
 MEETS: JAN 12-MAY 8

CURR--AGES 3 THRU 6 HD FS 455 4 CREDITS
 Prereq: HD FS 343, HD FS 345, SP ED 355 AND SP ED
 455
 2222005 1 TR 2:10-3:30 KROGH J
 M 8:00-11:50 KROGH J
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 2222010 2 TR 2:10-3:30 KROGH J
 T 8:00-11:50 KROGH J
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 2222015 3 TR 2:10-3:30 KROGH J
 R 8:00-11:50 KROGH J
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.
 2222020 4 TR 2:10-3:30 KROGH J
 F 8:00-11:50 KROGH J
 MEETS: JAN 12-MAY 8
 Note: Department permission required 1st week.

BUILD PARTNERSH&FAM HD FS 456 3 CREDITS
 Prereq: HD FS 340 OR HD FS 344
 7563005 1 TR 12:40-1:55 MAUDE S
 MEETS: JAN 12-MAY 8

ENVIR FOR THE AGING HD FS 463 3 CREDITS
 Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH,
 INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
 Note: Meets U.S. diversity reqmt
 3522600 XW ARRANGED DRAKE T
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

FAMILY INTERACT DYN HD FS 479 3 CREDITS
 Prereq: HD FS 102 OR EQUIVALENT; HD FS 269 OR
 EQUIVALENT; 9 HOURS IN SOCIAL SCIENCES; JUNIOR OR
 SENIOR STATUS
 3524005 1 TR 12:40-2:00 SCHOFIELD T
 MEETS: JAN 12-MAY 8

ESTATE PLN FAMILIES HD FS 484 3 CREDITS
 Prereq: HD FS 283
 4052005 MWF 2:10-3:00 KARRAKER A
 MEETS: JAN 12-MAY 8

ADMIN PRGS CHLD&FAM HD FS 486 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION; 6 CREDITS IN HD FS
 AT 300 LEVEL AND ABOVE
 3619005 MWF 1:10-2:00 VAN RYSWYK J
 MEETS: JAN 12-MAY 8

FINANC COUNSEL LAB HD FS 489L 1 CREDIT
 Prereq: HD FS 489, INSTRUCTOR PERMISSION
 8102005 1 ARRANGED NATION J
 MEETS: JAN 12-MAY 8

IND STU CHLD&FAMILY HD FS 490A VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HOUSING HD FS 490B VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FAMLY FINAN HD FS 490C VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EARLY EDUC HD FS 490F VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST EARLY SPL ED HD FS 490G VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H VAR. CREDITS
 Prereq: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST HUM DEV&FMLY HD FS 490I VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY POLICY PRG HD FS 490L VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4- 9 CREDITS
 Prereq: HD FS 418B; PERMISSION OF INSTRUCTOR;
 SENIOR CLASSIFICATION; MINIMUM 2.0 GPA; RESERVATION
 REQUIRED ONE SEMESTER BEFORE PLACEMENT
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HD FS 499 1- 6 CREDITS
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM
 STUDENT PROPOSED TO WORK, CONSULT DEPARTMENT OFFICE
 FOR PROCEDURES
 ***** SEE DEPT FOR REFERENCE NUMBERS

APP QNTVE RSRCH MTH HD FS 505 3 CREDITS
 Prereq: STAT 401 OR RESEV 553; CONCURRENT
 ENROLLMENT IN HD FS 503 OR PERMISSION OF INSTRUCTOR
 Note: CONCURRENT ENROLLMENT IN HD FS 503 & 505 REQUIRED
 7057005 MW 1:30-3:00, ARRANGED DORIOUS C
 MEETS: JAN 12-MAY 8

FAMILY THEORY HD FS 511 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES OR
 PERMISSION OF INSTRUCTOR
 7701005 M 9:00-11:40 GILLIGAN M
 MEETS: JAN 12-MAY 8

ENVIR FOR THE AGING HD FS 563 3 CREDITS
 Prereq: HD FS 360 OR 3 CREDITS IN HOUSING,
 ARCHITECTURE, INTERIOR DESIGN, REHABILITATION,
 PSYCHOLOGY, OR HUMAN DEVELOPMENT AND FAMILY STUDIES
 OR PERMISSION OF INSTRUCTOR
 Note: Meets U.S. diversity reqmt
 4474600 XW ARRANGED DRAKE T
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

PROGRAM EVALUATION HD FS 585 3 CREDITS
 Prereq: 6 CREDITS IN GRADUATE LEVEL SOCIAL
 SCIENCES OR PERMISSION OF INSTRUCTOR
 5806005 T 2:10-5:00 ZARLING A
 MEETS: JAN 12-MAY 8

FINANC COUNSEL LAB HD FS 589L 1 CREDIT
 Prereq: INSTRUCTOR PERMISSION
 3510005 1 ARRANGED FOX J
 MEETS: JAN 12-MAY 8

SP TOP HUMAN,FAMILY HD FS 590I VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV,FAMLY HD FS 591I VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HD FS 599 VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV QUANTITAT METHD HD FS 603 3 CREDITS
 Prereq: HD FS 503; HD FS 505; STAT 402 OR
 STAT 404 OR PERMISSION OF INSTRUCTOR
 2239005 TR 12:40-2:00 RUSSELL D
 MEETS: JAN 12-MAY 8

RESRCH METHDS:MIXED HD FS 607 3 CREDITS
 Prereq: HD FS 503, HD FS 504, HD FS 505,
 OR PERMISSION OF INSTRUCTOR
 4018005 R 2:10-5:00 JORDAN T
 MEETS: JAN 12-MAY 8

SEMINAR HD FS 616 VAR. CREDITS
 8827005 W 9:00-11:50 SHIRTCLIFF E
 MEETS: JAN 12-MAY 8

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

ADV TOP HUMAN, FAMIL HD FS 690I VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSP HD FS 691A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP HD FS 691B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO EXPER INTERNSHP HD FS 691D VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY STUDIE HD FS 699A VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HUMAN DEV HD FS 699D VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CHILD DEV HD FS 699E VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CH SPL ED HD FS 699G VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699I VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 9-MAY 8

6929010 2 T 1:10-3:00
 MEETS: MARCH 9-MAY 8

6929015 3 W 1:10-3:00
 MEETS: MARCH 9-MAY 8

6929020 4 M 3:10-5:00
 MEETS: MARCH 9-MAY 8

6929025 5 T 3:10-5:00
 MEETS: MARCH 9-MAY 8

6929030 6 W 3:10-5:00
 MEETS: MARCH 9-MAY 8

6929035 7 R 1:10-3:00
 MEETS: MARCH 9-MAY 8

6929040 8 R 3:10-5:00
 MEETS: MARCH 9-MAY 8

INT'L LEADRSH SEMNR H SCI 482 3 CREDITS
 Prereq: PERMISSION OF THE SEMINAR LEADER
 Note: Meets international perspectives reqmt
 5901005 ARRANGED
 MEETS: JAN 12-MAY 8

IND STDY ENTREPRNSH H SCI 490E 1- 4 CREDITS
 5101005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

INT'L LEADRSH SEMNR H SCI 582 3 CREDITS
 Prereq: PERMISSION OF THE SEMINAR LEADER
 5933005 ARRANGED
 MEETS: JAN 12-MAY 8

IMMUNOBIOLOGY

SEMINAR IMMUNOBIOLG IMBIO 604 1 CREDIT
 5949005 ARRANGED
 MEETS: JAN 12-MAY 8

CMPTV IMMNL&INF DIS IMBIO 661X 2 CREDITS
 Prereq: GRADUATE-LEVEL IMMUNOLOGY OR PERMISSION
 OF INSTRUCTOR
 4850005 R 1:10-3:00 JONES D
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS IMBIO 690 VAR. CREDITS
 5986005 ARRANGED
 MEETS: JAN 12-MAY 8

GRAD RSEARCH ROTATN IMBIO 697 VAR. CREDITS
 5991005 ARRANGED SACCO R
 MEETS: JAN 12-MAY 8

IMMUNOBIOLOGY (CONTINUED)

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 SELEK E
 MEETS: JAN 12-MAY 8

5972010 2 MWF 1:10-4:30 MILLER M
 MEETS: JAN 12-MAY 8

5972015 3 MWF 1:10-4:30 DHADPHALE T
 MEETS: JAN 12-MAY 8

5972020 4 MWF 9:00-12:20 travel fee \$175.00
 MEETS: JAN 12-MAY 8 MILLER M
 Note: Materials, field trips &/or travel fee \$175.00

CREATIV THINK IND D IND D 232 3 CREDITS
 Prereq: IND D 231
 5962005 TR 8:00-9:20 SELEK E
 MEETS: JAN 12-MAY 8

INDUS DSGN STDIO IV IND D 302 6 CREDITS
 Prereq: IND D 301
 6020005 1 MWF 9:00-12:20
 MEETS: JAN 12-MAY 8

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 12-MAY 8

CPTR-AID INDUS DS I IND D 341 3 CREDITS
 Prereq: IND D 301
 6026005 1 TR 9:00-11:50 EVANS P
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 Note: Instructor permission required.

SENIOR PROJECT IND D 499 6 CREDITS
 Prereq: IND D 302 OR IND D 401 OR IND D 507;
 SENIOR STANDING
 3037005 1 MWF 9:00-12:20 HERRNSTADT S
 MEETS: JAN 12-MAY 8

3037010 2 MWF 1:10-4:20 SELEK H
 MEETS: JAN 12-MAY 8

INDU STDO INTNSV II IND D 502 6 CREDITS
 Prereq: ADMISSION INTO THE INDUSTRIAL DESIGN
 STUDIO INTENSIVE TRACK OR GRADUATE STANDING IN THE
 INDUSTRIAL DESIGN PROGRAM
 6862005 MWF 9:00-12:20 YILMAZ S
 MEETS: JAN 12-MAY 8

INDUS DSIGN STDO II IND D 504 6 CREDITS
 Prereq: IND D 502
 5027005 MWF 1:10-4:30
 MEETS: JAN 12-MAY 8

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 ARRANGED
 MEETS: JAN 12-MAY 8

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
 MEETS: JAN 12-MAY 8

PRODUCT REALIZATION IND D 534 3 CREDITS
 Prereq: ADMISSION INTO THE INDUSTRIAL DESIGN
 INTENSIVE TRACK, IND D 301, OR PERMISSION OF
 INSTRUCTOR
 9636005 TR 9:30-10:50 PRINDLE W
 MEETS: JAN 12-MAY 8

CPTR AIDED INDU DSN IND D 541 3 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
 OR PERMISSION OF INSTRUCTOR
 3135005 TR 9:30-12:20
 MEETS: JAN 12-MAY 8

PORTFOLIO&PRO PRCTC IND D 543 3 CREDITS
 Prereq: SENIOR OR GRAD STANDING IN IND D PROGRAM
 3176005 TR 9:30-10:45 RINGHOLZ D
 MEETS: JAN 12-MAY 8

INDUSTRIAL DESIGN (CONTINUED)

INDUSTRIAL ENGINEERING (CONTINUED)

DIFFUS OF INNOVATNS IND D 588X 3 CREDITS
 Prereq: JUNIOR, SENIOR, OR GRADUATE STANDING
 9684005 TR 2:10-3:25 HORWITZ J
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS IND D 590 3 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
 OR PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROJECTS IND D 592 VAR. CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR
 PERMISSION OF INSTRUCTOR
 4181005 1 ARRANGED RINGHOLZ D
 MEETS: JAN 12-MAY 8
 4181010 2 ARRANGED RINGHOLZ D
 MEETS: JAN 12-MAY 8

STUDY ABROAD OPTION IND D 595 6 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR
 PERMISSION OF INSTRUCTOR
 3211005 ARRANGED RINGHOLZ D
 MEETS: JAN 12-MAY 8

INTERNSHIP IND D 597 6 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
 OR PERMISSION OF INSTRUCTOR
 9463005 ARRANGED RINGHOLZ D
 MEETS: JAN 12-MAY 8

GRADUATE PROJECT II IND D 602 6 CREDITS
 Prereq: IND D 601
 7674005 ARRANGED RINGHOLZ D
 MEETS: JAN 12-MAY 8

THESIS PREPARATION IND D 632 3 CREDITS
 Prereq: IND D 631
 3001005 TR 11:00-12:20 HERRNSTADT S
 MEETS: JAN 12-MAY 8

RESEARCH THESIS IND D 699A 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH THESIS-EXHIBT IND D 699B 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING

INDUS ENGR PROFESSN I E 101 R CREDIT
 Satisfactory-Fail Only.
 4402005 T 3:10-4:00
 MEETS: JAN 12-MAY 8

INFO ENGINEERING I E 148 3 CREDITS
 Prereq: CREDIT OR ENROLLMNT IN MATH 142/MATH 145X
 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 12-MAY 8
 5037010 B TR 12:10-2:00
 MEETS: JAN 12-MAY 8

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 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

APP ERGON& WORK DSN I E 271 3 CREDITS
 Prereq: PHYS 221
 Note: COURSE RESTRICTED TO I E MAJORS ONLY
 5169005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

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

ENGR ECONOMIC ANALY I E 305 3 CREDITS
 Prereq: MATH 166
 Note: SEC A1,B1,ETC RESTRICTED TO I E MAJORS ONLY.
 SEC A2,B2,ETC FOR TO MAJORS OTHER THAN I E.
 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).
 4425005 A1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 4425010 A2 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 4425015 B1 F 8:00-8:50, ARRANGED
 MEETS: JAN 12-MAY 8
 4425020 B2 F 8:00-8:50, ARRANGED
 MEETS: JAN 12-MAY 8
 4425600 XE ARRANGED SLY D
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

SOLIDIFICATN PROCES I E 348 3 CREDITS
 Prereq: I E 248 AND MAT E 273
 Note: COURSE RESTRICTED TO I E, 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 I MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

5810005 A T 8:00-9:50
 MEETS: JAN 12-MAY 8

5810010 B R 8:00-9:50
 MEETS: JAN 12-MAY 8

5810015 C T 10:00-11:50
 MEETS: JAN 12-MAY 8

5810020 D R 10:00-11:50
 MEETS: JAN 12-MAY 8

5810025 E T 1:10-3:00
 MEETS: JAN 12-MAY 8

5810030 F R 1:10-3:00
 MEETS: JAN 12-MAY 8

5810035 G M 1:10-3:00
 MEETS: JAN 12-MAY 8

5810040 J W 1:10-3:00
 MEETS: JAN 12-MAY 8

5810045 K F 1:10-3:00
 MEETS: JAN 12-MAY 8

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, ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO I E & STAT MAJORS ONLY

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

COOPERATIVE EDUCATN I E 398 R CREDIT
 Prereq: HRI 298, PERMISSN OF DEPARTMNT AND
 ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 12-MAY 8
 3136600 XE ARRANGED MIN K
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

INDUSTRL AUTOMATION I E 432X 3 CREDITS
 Prereq: PHYS 222
 Note: COURSE RESTRICTED TO I E MAJORS ONLY

9638005 A TR 12:40-1:55
 T 8:00-9:50
 MEETS: JAN 12-MAY 8

9638010 B TR 12:40-1:55
 T 10:00-11:50
 MEETS: JAN 12-MAY 8

9638015 C TR 12:40-1:55
 T 3:10-5:00
 MEETS: JAN 12-MAY 8

9638020 D TR 12:40-1:55
 R 8:00-9:50
 MEETS: JAN 12-MAY 8

9638025 E TR 12:40-1:55
 R 10:00-11:50
 MEETS: JAN 12-MAY 8

9638030 F TR 12:40-1:55
 R 3:10-5:00
 MEETS: JAN 12-MAY 8

9638035 G TR 12:40-1:55
 M 1:10-3:00
 MEETS: JAN 12-MAY 8

9638040 J TR 12:40-1:55
 W 1:10-3:00
 MEETS: JAN 12-MAY 8

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 5:10-6:00PM
 MWF 12:10-2:00
 MEETS: JAN 12-MAY 8

4432010 B M 5:10-6:00PM
 MWF 3:10-5:00
 MEETS: JAN 12-MAY 8

INDUSTRIAL ENGINEERING (CONTINUED)

INDUSTRIAL ENGINEERING (CONTINUED)

MANUFACT SYSTM ENGR I E 448 3 CREDITS
 Prereq: I E 248, I E 305
 6090005 A MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO I E MAJORS ONLY.
 6090600 XE ARRANGED JACKMAN J
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

TECHNICAL SALES II I E 451 3 CREDITS
 Prereq: I E 450
 9088005 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 9088600 XE ARRANGED SLY D
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

MULTIDISC ENGR DSGN I E 466 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF
 GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR
 1902005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 12-MAY 8

IND STDY MANUFACTRG I E 490A 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU HUMAN FACTR I E 490B 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU OPER RESRCH I E 490C 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU ENTPRSE CMP I E 490D 1- 5 CREDITS
 Prereq: SENIOR CLASSIFICATION, PERMISSION OF
 INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENGR MGT I E 490E 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I E 490H 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
 UNIV HONORS PROGRAM MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN I E 498 R CREDIT
 Prereq: I E 298, PERMISSN OF DEPTMNT AND
 ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MS RESEARCH CONDUCT I E 502 R CREDIT
 Prereq: ENROLLMENT IN M.S. PROGRAM IN INDUSTRIAL
 ENGINEERING
 Satisfactory-Fail Only.
 9553005 W 4:10-5:00
 MEETS: JAN 12-MAY 8
 9553600 XE ARRANGED DORNEICH M
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

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 12-MAY 8
 3148600 XE ARRANGED MIN K
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

PRODUCTION SCHEDULG I E 514 3 CREDITS
 Prereq: I E 312, I E 341
 4451005 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 4451600 XE ARRANGED HU G
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

SIMULATN MODEL&ANLY I E 519 3 CREDITS
 Prereq: COM S 311, STAT 401
 4454005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 4454600 XE ARRANGED OLAFSSON S
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

QUAL CNTRL&ENG STAT I E 531 3 CREDITS
 Prereq: STAT 401; STAT 342 OR STAT 447
 4457005 TR 3:10-5:00
 MEETS: JAN 12-MAY 8

WIND ENERGY MFG I E 543 3 CREDITS
 Prereq: UNDERGRADUATE ENGINEERING DEGREE OR
 PERMISSION OF INSTRUCTOR
 4258005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 4258600 XE ARRANGED PETERS F
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

CON QUAL IMPRV PROC I E 561 3 CREDITS
 Prereq: I E 361
 7304005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 7304600 XE ARRANGED HEISING C
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

DECISN ANLY SYS DSN I E 564X 3 CREDITS
 Prereq: STAT 231, I E 305
 9552005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 9552600 XE ARRANGED KREJCI C
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

SYS ENGR&PROJCT MGT I E 570 3 CREDITS
 Prereq: COURSEWORK IN BASIC STATISTICS
 6113005 R 6:00-9:00PM
 MEETS: JAN 12-MAY 8
 6113600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

OCCUPATN BIOMECHNCS I E 571 3 CREDITS
 Prereq: EM 274, STAT 231
 2545005 M 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 2545600 XE ARRANGED STONE R
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

HUMAN-CPTR INTERACT I E 572 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 5310005 TR 8:00-9:15
 MEETS: JAN 12-MAY 8
 5310600 XE ARRANGED DORNEICH M
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

REQUIREMNTS ENGRING I E 585 3 CREDITS
 Prereq: 3 CREDITS IN INFORMATION TECHNOLOGY OR
 INFORMATION SYSTEMS
 8181005 TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 8181600 XE ARRANGED JACKMAN J
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

SPECIAL TOPICS I E 590 1- 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PHD RESEARCH CONDUCT I E 602 R CREDIT
 Prereq: ENROLLMENT IN PH.D. PROGRAM IN INDUSTRIAL
 ENGINEERING
 Satisfactory-Fail Only.
 9563005 W 4:10-5:00
 MEETS: JAN 12-MAY 8
 9563600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

COMPUTNL OPTIMIZATN I E 634 3 CREDITS
 Prereq: I E 534 OR EQUIVALENT
 4261005 TR 11:00-12:15
 MEETS: JAN 12-MAY 8

ADVANCED TOPICS I E 690 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING (CONTINUED)

ENGINEER INTERNSHIP I E 697 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT
 Note: Department permission required.
 Satisfactory-Fail Only.
 7999005 ARRANGED
 MEETS: JAN 12-MAY 8

INDUS ENGR RESEARCH I E 699A VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTEGRATED STUDIO ARTS (CONTINUED)

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 12-MARCH 6

9272010 A2 MW 1:10-3:30 MUENCH J
 F 1:10-3:30 MUENCH J
 MEETS: JAN 12-MARCH 6

INFORMATION ASSURANCE

INTR CMPTR SECURITY INFAS 131 1 CREDIT
 Satisfactory-Fail Only.
 3495005 A MW 11:00-11:50
 MEETS: JAN 12-MARCH 6

3495010 B MW 11:00-11:50
 MEETS: MARCH 9-MAY 8

CYBER DEFENS COMPET INFAS 332X 1 CREDIT
 Satisfactory-Fail Only.
 9652005 ARRANGED
 MEETS: JAN 12-MAY 8

INFORMATION WARFARE INFAS 532 3 CREDITS
 Prereq: CPR E 531
 8092005 TR 8:00-9:20
 MEETS: JAN 12-MAY 8

8092600 XE ARRANGED JACOBSON D
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

CRYPTOGRAPHY INFAS 533 3 CREDITS
 Prereq: MATH 301 OR CPR E 310 OR COM S 330
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 8098005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

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 PETERS K
 MEETS: JAN 12-MAY 8

8095600 XE ARRANGED PETERS K
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

SEMNR INFO ASSURANC INFAS 592 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5025005 1 ARRANGED
 MEETS: JAN 12-MAY 8

INFO ASSUR CAPSTONE INFAS 632 3 CREDITS
 Prereq: CPR E 531, CPR E 532, CPR E 534
 1893005 ARRANGED
 MEETS: JAN 12-MAY 8

1893600 XE ARRANGED JACOBSON D
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

STUDIO FUND:CERAMICS ARTIS 204 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED EO 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 12-MARCH 6

9253010 A2 MW 3:40-6:00PM LILLIGREN I
 F 3:40-6:00PM LILLIGREN I
 MEETS: JAN 12-MARCH 6

9253015 B1 MW 3:40-6:00PM LILLIGREN I
 F 3:40-6:00PM LILLIGREN I
 MEETS: MARCH 9-MAY 8

9253020 B2 MW 3:40-6:00PM LILLIGREN I
 F 3:40-6:00PM LILLIGREN I
 MEETS: MARCH 9-MAY 8

STUDIO FUND:PRINTMKG ARTIS 206 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9255005 A1 MW 1:10-3:30
 F 1:10-3:30
 MEETS: JAN 12-MARCH 6

9255010 A2 MW 1:10-3:30
 F 1:10-3:30
 MEETS: JAN 12-MARCH 6

9255015 B1 MW 1:10-3:30
 F 1:10-3:30
 MEETS: MARCH 9-MAY 8

9255020 B2 MW 1:10-3:30
 F 1:10-3:30
 MEETS: MARCH 9-MAY 8

COLOR ARTIS 208 3 CREDITS
 Prereq: DSN S 102, DSN S 131, AND DSN S 183,
 SOPHOMORE LEVEL AND ABOVE
 Note: COURSE RESTRICTED ARTFA, ARTIS, BPM I AND PBPMI
 MAJORS ONLY.
 Instructor permission required 1st week.
 1766005 A MWF 12:10-2:00 HARRIS A
 MEETS: JAN 12-MAY 8

STUDIO FUND: PHOTO ARTIS 210 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9256005 A1 TR 2:10-5:20, ARRANGED CARR C
 MEETS: JAN 12-MARCH 6

9256010 A2 TR 2:10-5:20, ARRANGED CARR C
 MEETS: JAN 12-MARCH 6

9256015 B1 TR 2:10-5:20, ARRANGED CARR C
 MEETS: MARCH 9-MAY 8

9256020 B2 TR 2:10-5:20, ARRANGED CARR C
 MEETS: MARCH 9-MAY 8

STUDIO FUND:CMPTURS ARTIS 212 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9257005 A1 TR 2:10-5:20 STEWART A
 MEETS: JAN 12-MARCH 6

9257010 A2 TR 2:10-5:20 STEWART A
 MEETS: JAN 12-MARCH 6

9257015 B1 TR 2:10-5:20 STEWART A
 MEETS: MARCH 9-MAY 8

9257020 B2 TR 2:10-5:20 STEWART A
 MEETS: MARCH 9-MAY 8

STUDIO FUND:PAINTING ARTIS 213 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED EO 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 12-MARCH 6

9266010 A2 MW 8:00-10:20 WALTON B
 F 8:00-10:20 WALTON B
 MEETS: JAN 12-MARCH 6

9266015 B1 MW 8:00-10:20 WALTON B
 F 8:00-10:20 WALTON B
 MEETS: MARCH 9-MAY 8

9266020 B2 MW 8:00-10:20 WALTON B
 F 8:00-10:20 WALTON B
 MEETS: MARCH 9-MAY 8

INTEGRATED STUDIO ARTS

CRTV VISUAL THINKNG ARTIS 201 3 CREDITS
 7938005 A ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED DSN S, DES MAJORS ONLY
 Course delivery is WWW

7938010 B ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN THE DESIGN
 COLLEGE
 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 12-MARCH 6

9264010 A2 MW 8:00-10:20 MARTIN C
 F 8:00-10:20 MARTIN C
 MEETS: JAN 12-MARCH 6

9264015 B1 MW 8:00-10:20 MARTIN C
 F 8:00-10:20 MARTIN C
 MEETS: MARCH 9-MAY 8

9264020 B2 MW 8:00-10:20 MARTIN C
 F 8:00-10:20 MARTIN C
 MEETS: MARCH 9-MAY 8

INTEGRATED STUDIO ARTS (CONTINUED)

STUDIO FUND:TEXTILE ARTIS 214 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 9269005 A MWF 3:40-6:00PM GOULD C
 MEETS: JAN 12-MARCH 6
 9269010 B MWF 3:40-6:00PM GOULD C
 MEETS: MARCH 9-MAY 8
 9269015 A2 MWF 3:40-6:00PM GOULD C
 MEETS: JAN 12-MARCH 6
 9269020 B2 MWF 3:40-6:00PM GOULD C
 MEETS: MARCH 9-MAY 8

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS
 Prereq: DSN S 102, DSN S 131, DSN S 183,
 OR PERMISSION OF INSTRUCTOR
 1983005 A MW 2:10-5:00 SLOAN D
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO COLLEGE OF DESIGN MAJORS

INTR CRTV DGT PHOTO ARTIS 227H 3- 4 CREDITS
 Prereq: DSN S 102, DSN S 131 AND DSN S 183
 Note: Instructor permission required.
 5467005 A MW 2:10-5:00, ARRANGED SLOAN D
 MEETS: JAN 12-MAY 8

DRAWING II ARTIS 230 3 CREDITS
 Prereq: DSN S 102, DSN S 183 AND DSN S 131
 Note: Instructor permission required 1st week.
 1779005 A TR 8:00-10:50 WALTON B
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 1779010 B MW 8:00-10:50 THOMPSON N
 MEETS: JAN 12-MAY 8
 Note: SEC B RESTRICTED TO COLLEGE OF DESIGN MAJORS

WATERCOLOR PAINTING ARTIS 233 3 CREDITS
 Prereq: ARTIS 230
 Note: COURSE RESTRICTED TO ARTFA, ARTGR, ARTDN,
 ARTIS, BPM I & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1780005 MW 9:00-10:50 CROYLE C
 ARRANGED CROYLE C
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$25.00

PAINTING I ARTIS 238 3 CREDITS
 Prereq: ARTIS 230
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
 ARTIS, BPM I & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 7828005 A MW 1:10-4:00 WALTON B
 MEETS: JAN 12-MAY 8

INTEGRATED MEDIA ARTIS 305 3 CREDITS
 Prereq: 6 CREDITS OF 200 LEVEL STUDIO
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
 ARTID, & ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1771005 A MW 12:10-3:00 PASCHKE T
 MEETS: JAN 12-MAY 8

INTEGRATIVE MEDIA ARTIS 305H 3- 4 CREDITS
 Prereq: DSN S 102, 131 AND 183 AND 6 CREDITS
 OF ADDITIONAL ISA STUDIO AT 200+ LEVEL. MEMBERSHIP
 IN UNIVERSITY HONORS PROGRAM.
 Note: Instructor permission required.
 5591005 A MW 12:10-3:00 PASCHKE T
 ARRANGED PASCHKE T
 MEETS: JAN 12-MAY 8

CPTR MODL&VIR PHOTO ARTIS 308 3 CREDITS
 Prereq: ARTIS 230 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
 ARTID, ARTIS, BPM I & PBPMI MAJORS ONLY
 6423005 MW 11:00-2:00 SLOAN D
 MEETS: JAN 12-MAY 8

SOURCES VISUAL DSGN ARTIS 310 3 CREDITS
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
 ARTID & ARTIS MAJORS ONLY.
 6432005 A1 TR 1:10-3:20 DRINKWATER J
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ARTFA, ARTIS MAJORS ONLY
 6432010 A2 TR 1:10-3:20 DRINKWATER J
 MEETS: JAN 12-MAY 8

SOURCES VISUAL DSGN ARTIS 310H 3- 4 CREDITS
 Prereq: ART 230
 Note: Instructor permission required.
 9379005 TR 1:10-3:20, ARRANGED DRINKWATER J
 MEETS: JAN 12-MAY 8

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 12-MAY 8

INTEGRATED STUDIO ARTS (CONTINUED)

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 12-MAY 8

JEWELR/METALSMTH II ARTIS 324 3 CREDITS
 Prereq: ARTIS 203 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 7237005 MW 9:00-11:50 MUENCH J
 MEETS: JAN 12-MAY 8

ILLUSTRATN&I SOFTWR ARTIS 326 3 CREDITS
 Prereq: ARTIS 323
 Note: Instructor permission required 1st week.
 1657005 MW 6:10-9:00PM DORN J
 MEETS: JAN 12-MAY 8

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 MW 2:10-5:00 CARR C
 MEETS: JAN 12-MAY 8

CREATVE PHOTOGRAPHY ARTIS 329H 3- 4 CREDITS
 Prereq: ARTIS 210 OR ARTIS 229 OR PERMISSION
 OF INSTRUCTOR
 Note: Instructor permission required.
 5734005 MW 2:10-5:00, ARRANGED CARR C
 MEETS: JAN 12-MAY 8

DRAW III:LIFE DRWNG ARTIS 330 3 CREDITS
 Prereq: ARTIS 230
 Note: COURSE RESTRICTED TO ARTFA, ARTIS, BPM I &
 PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1802005 A TR 11:00-2:00 HOLLAND B
 MEETS: JAN 12-MAY 8
 1802010 B TR 2:10-5:00 PAPPENHEIMER D
 MEETS: JAN 12-MAY 8

THREE-DIMENS STUDIO ARTIS 335 3 CREDITS
 1806005 A TR 1:10-3:20 SHAO P
 ARRANGED
 MEETS: JAN 12-MAY 8

THREE-DIMENS STUDIO ARTIS 335H 3- 4 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Instructor permission required.
 9262005 1 TR 1:10-3:20, ARRANGED
 MEETS: JAN 12-MAY 8

APP SCI ILLUST TCNQ ARTIS 337 3 CREDITS
 Prereq: ARTIS 327
 9104005 TR 2:10-5:00 BIECHLER D
 MEETS: JAN 12-MAY 8

PAINTING II ARTIS 338 3 CREDITS
 Prereq: ARTIS 238 OR ARTIS 213 AND ARTIS 230
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTID,
 ARTIS, BPM I & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 7832005 A TR 2:10-5:00 JONES B
 MEETS: JAN 12-MAY 8

TEXTLE SURFACE DSGN ARTIS 346 3 CREDITS
 Prereq: ARTIS 214 OR PERMISSION OF INSTRUCTOR
 1835005 MW 9:00-11:50 GOULD C
 MEETS: JAN 12-MAY 8

TEXTLE SURFACE DSGN ARTIS 346H 3- 4 CREDITS
 Prereq: ARTIS 214 OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 6139005 MW 9:00-11:50 GOULD C
 ARRANGED GOULD C
 MEETS: JAN 12-MAY 8

INTAGLIO & MONOTYPE ARTIS 357 3 CREDITS
 Prereq: ARTIS 206 AND 230
 Note: Instructor permission required 1st week.
 7469005 MW 9:00-11:50 KATZ A
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$130.00

INTAGLIO & MONOTYPE ARTIS 357H 3- 4 CREDITS
 Prereq: ARTIS 206 AND 230
 Note: Instructor permission required.
 6970005 MW 9:00-11:50 KATZ A
 ARRANGED KATZ A
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$130.00

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

DESIGN&SUSTNBL DEV ARTIS 362X 3 CREDITS
 Prereq: JUNIOR-LEVEL STANDING
 Note: Meets international perspectives reqmt
 9728005 TR 2:10-5:00 MARTIN C
 MEETS: JAN 12-MAY 8

BFA PRO PRACTICE ARTIS 399 2 CREDITS
 Prereq: JUNIOR CLASSIFICATN IN ISA BFA CURRICULUM
 Note: COURSE RESTRICTED TO JRS & SRS
 2076005 R 6:10-9:30PM GOULD C
 MEETS: JAN 12-MARCH 6

PRIN 3D ANIMATION ARTIS 408 3 CREDITS
 Prereq: ARTIS 308
 Note: COURSE RESTRICTED TO ARTFA, ARTDN & ARTIS MAJORS
 Instructor permission required 1st week.
 1834005 TR 2:10-5:00
 MEETS: JAN 12-MAY 8

ADV FURNITURE DSIGN 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 12-MAY 8

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 12-MAY 8

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 MW 9:00-11:50 MUENCH J
 MEETS: JAN 12-MAY 8

JEWELR/METLSMTH III ARTIS 424H 3- 4 CREDITS
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7014005 MW 9:00-11:50 MUENCH J
 ARRANGED MUENCH J
 MEETS: JAN 12-MAY 8

ADVANCD PHOTOGRAPHY ARTIS 429 3 CREDITS
 Prereq: ARTIS 329
 1836005 MW 2:10-5:00 CARR C
 MEETS: JAN 12-MAY 8

ADVANCD PHOTOGRAPHY ARTIS 429H 3- 4 CREDITS
 Prereq: ARTIS 329
 Note: Instructor permission required.
 7018005 MW 2:10-5:00, ARRANGED CARR C
 MEETS: JAN 12-MAY 8

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 & PBPPI MAJORS ONLY.
 Instructor permission required 1st week.
 1841005 TR 9:30-12:20 JONES B
 MEETS: JAN 12-MAY 8

PAINTING III ARTIS 438 3 CREDITS
 Prereq: ARTIS 338
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTID,
 ARTIS, BPM I, DSGNS & PBPPI MAJORS ONLY.
 Instructor permission required 1st week.
 7833005 A TR 2:10-5:00 JONES B
 MEETS: JAN 12-MAY 8

PAINTING III ARTIS 438H 3- 4 CREDITS
 Prereq: ARTIS 338
 Note: Instructor permission required.
 7147005 TR 2:10-5:00, ARRANGED JONES B
 MEETS: JAN 12-MAY 8
 Note: Materials and professional support fee \$28.00

DIGITL TXTILE DSIGN ARTIS 448 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION IN EITHER
 COLLEGE OF DESIGN OR A M D
 Note: TOPIC: DIGITAL TEXTILE DESIGN
 2442005 TR 9:30-12:20 PASCHKE T
 MEETS: JAN 12-MAY 8

ADVANCD PRINTMAKING ARTIS 458 3 CREDITS
 Prereq: ARTIS 356, ARTIS 357, OR ARTIS 358, AND
 PERMISSION OF INSTRUCTOR
 1840005 MW 9:00-11:50 KATZ A
 MEETS: JAN 12-MAY 8

ADVANCD PRINTMAKING ARTIS 458H 3- 4 CREDITS
 Prereq: ARTIS 356, ARTIS 357, OR ARTIS 358, AND
 PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 6312005 MW 9:00-11:50 KATZ A
 ARRANGED KATZ A
 MEETS: JAN 12-MAY 8

INDEP STDY CERAMICS ARTIS 490B 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$90.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST COMPUTER A&D ARTIS 490C 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

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.
 Materials, field trips &/or travel fee \$70.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTIS 490H 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT.
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 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 SEMESTER OF ENROLLMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU PHOTOGRAPHY ARTIS 490J 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Materials and equipment use fee \$30.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU PRINTMAKING ARTIS 490K 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$40.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FURNITUR ARTIS 490L 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$120.00
 ***** 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

POSTBACCAL CAPSTONE ARTIS 491X 1 CREDIT
 Prereq: ENROLLMENT IN POST BACCALAUREATE PROGRAM
 Satisfactory-Fail Only.
 9523005 ARRANGED LILLIGREN I
 MEETS: JAN 12-MAY 8

BFA EXHIBITION ARTIS 499 1 CREDIT
 Prereq: ARTIS 399 AND SENIOR CLASSIFICATION IN
 THE ISA BFA CURRICULUM
 Note: COURSE RESTRICTED TO SENIORS
 1708005 R 6:10-9:30PM GOULD C
 MEETS: MARCH 9-MAY 8

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED MEDIA ARTIS 505 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: Instructor permission required 1st week.
 7553005 MW 12:10-3:00 PASCHKE T
 MEETS: JAN 12-MAY 8

ADV FURNITURE DSIGN ARTIS 520 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Instructor permission required 1st week.
 1895005 A TR 9:30-12:20 MARTIN C
 MEETS: JAN 12-MAY 8

CERAMICS STUDIO ARTIS 522 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTR PERMISSON
 1896005 A TR 3:10-6:00PM LILLIGREN I
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

JEWEL&DEC METAL III ARTIS 524 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRCTR PERMISSON
 Note: Instructor permission required 1st week.
 7255005 MW 9:00-11:50 MUENCH J
 MEETS: JAN 12-MAY 8

ADVANC'D PHOTOGRAPHY ARTIS 529 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 7399005 MW 2:10-5:00 CARR C
 MEETS: JAN 12-MAY 8

DRAWING ARTIS 530 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Instructor permission required 1st week.
 7747005 TR 9:30-12:20 JONES B
 MEETS: JAN 12-MAY 8

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 12-MAY 8

DIGITL TXTILE DSIGN ARTIS 548 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: TOPIC: DIGITAL TEXTILE DESIGN
 2451005 TR 9:30-12:20 PASCHKE T
 MEETS: JAN 12-MAY 8

INTAGLIO&MONOTYP PR ARTIS 557 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRCTR PERMISSON
 Note: Instructor permission required 1st week.
 7749005 MW 9:00-11:50 KATZ A
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$130.00

CRITIQUE SEMINAR ARTIS 571X 3 CREDITS
 Prereq: ADMISSION INTO A GRADUATE PROGRAM IN THE COLLEGE OF DESIGN
 8183005 T 6:10-8:40PM MUENCH J
 MEETS: JAN 12-MAY 8
 Note: Field trips & travel fee \$25.00-\$250.00

SPL TOPICS CERAMICS ARTIS 590B VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$90.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTR A&D ARTIS 590C VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF 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.
 Materials, field trips &/or travel fee \$70.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS PAINTING ARTIS 590I VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Materials and equipment use fee \$30.00
 ***** 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 and equipment use fee \$40.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS FURNITUR ARTIS 590L VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$120.00
 ***** 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

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS
 4480005 ARRANGED
 MEETS: JAN 12-MAY 8

THESIS RESEARCH IGS 699 VAR. CREDITS
 4481005 ARRANGED
 MEETS: JAN 12-MAY 8

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 ARRANGED CAGLEY L
 MEETS: JAN 12-MAY 8

GRPH COM INT DSN II ARTID 263 3 CREDITS
 Prereq: 261, ENROLLMENT IN 267
 Note: COURSE RESTRICTED TO ARTID MAJORS
 2177005 A MW 12:10-1:00 MIKOVEC A
 MW 8:00-9:50 MIKOVEC A
 MEETS: JAN 12-MAY 8
 2177010 B MW 12:10-1:00 MIKOVEC A
 MW 10:00-11:50 MIKOVEC A
 MEETS: JAN 12-MAY 8

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 12:10-3:00 PETERSON N
 T 11:00-11:50 PETERSON N
 MEETS: JAN 12-MAY 8
 1714010 B TR 12:10-3:00 ALSHIHABI D
 T 11:00-11:50 ALSHIHABI D
 MEETS: JAN 12-MAY 8
 1714015 C TR 12:10-3:00 SUH J
 T 11:00-11:50 SUH J
 MEETS: JAN 12-MAY 8

INTERIOR DESIGN (CONTINUED)

INT DSGN STUDIO II ARTID 267 4 CREDITS
 1714020 D TR 12:10-3:00 CAGLEY L
 T 11:00-11:50 CAGLEY L
 MEETS: JAN 12-MAY 8

HEALTH &SAFETY SYST ARTID 351 3 CREDITS
 Note: COURSE RESTRICTED TO ARTID MAJORS
 Instructor permission required 1st week.
 1683005 TR 9:30-10:50 MALVEN F
 MEETS: JAN 12-MAY 8

ENVIRN CONTROL SYST ARTID 352 3 CREDITS
 Note: COURSE RESTRICTED TO ARTID JUNIORS ONLY.
 Instructor permission required 1st week.
 1656005 A MW 1:10-2:30 PETERSON N
 MEETS: JAN 12-MAY 8

INT DSN HIST/THRY I ARTID 355 3 CREDITS
 Note: Instructor permission required 1st week.
 1689005 A TR 3:40-5:00 ALSHIHABI D
 MEETS: JAN 12-MAY 8

I D INTERNSHP SEMNR ARTID 360 .5 CREDIT
 Prereq: ENROLLMENT IN INTERIOR DESIGN PROGRAM
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 1818005 A M 12:10-1:00 AKKURT C
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO JUNIORS & SENIORS
 1818010 B M 11:00-11:50 PETERSON N
 MEETS: JAN 12-MAY 8
 Note: SEC B RESTRICTED TO SOPHOMORES ONLY

INT DESIGN STDIO IV ARTID 367 4 CREDITS
 Prereq: ARTID 365
 Note: Instructor permission required 1st week.
 1817005 A T 8:00-10:50 MIKOVEC A
 R 9:00-11:50 MIKOVEC A
 R 8:00-8:50 MIKOVEC A
 MEETS: JAN 12-MAY 8
 1817010 B T 8:00-10:50 BATES L
 R 9:00-11:50 BATES L
 R 8:00-8:50 BATES L
 MEETS: JAN 12-MAY 8
 1817015 C T 8:00-10:50 CAGLEY L
 R 9:00-11:50 CAGLEY L
 R 8:00-8:50 CAGLEY L
 MEETS: JAN 12-MAY 8
 1817020 D T 8:00-10:50 SUH J
 R 9:00-11:50 SUH J
 R 8:00-8:50 SUH J
 MEETS: JAN 12-MAY 8

INT DESIGN STDIO IV ARTID 367H 4- 5 CREDITS
 Prereq: ARTID 365. MEMBERSHIP IN UNIV HONORS PROG
 Note: Instructor permission required.
 5001005 T 8:00-10:50 BATES L
 R 9:00-11:50 BATES L
 R 8:00-8:50, ARRANGED BATES L
 MEETS: JAN 12-MAY 8

INT DSN PRO PRACTCE ARTID 461 3 CREDITS
 Prereq: ARTID 460
 Note: COURSE RESTRICTED TO ARTID MAJORS
 Instructor permission required 1st week.
 1847005 R 3:40-6:40PM AKKURT C
 MEETS: JAN 12-MAY 8

INT DSN URBAN SETNG ARTID 468 3 CREDITS
 Prereq: CR OR ENROLLMT IN 3RD-YEAR STUDIO COURSES
 2062005 MW 10:00-11:20 SUH J
 MEETS: JAN 12-MAY 8

INT DSN URBAN SETNG ARTID 468H 3- 4 CREDITS
 Prereq: CR OR ENROLLMT IN 3RD-YEAR STUDIO COURSES
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Instructor permission required.
 5258005 MW 10:00-11:20 SUH J
 ARRANGED SUH J
 MEETS: JAN 12-MAY 8

ADV STUDI DSGN THRY ARTID 469A 3 CREDITS
 Prereq: 12 CR IN INTERIOR DESIGN RELATED COURSES
 OR PERMISSION OF INSTRUCTOR
 1850005 A TR 12:10-1:30 STONE L
 MEETS: JAN 12-MAY 8

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

INTERIOR DESIGN (CONTINUED)

WORKSHOP ARTID 493 1- 3 CREDITS
 Prereq: EVIDENCE OF SATISFACTORY EXPERIENCE IN
 AREA OF SPECIALIZATION
 8035005 ARRANGED CAGLEY L
 MEETS: JAN 12-MAY 8
 8035800 FR ARRANGED CAGLEY L
 MEETS: JAN 21-25
 Note: SEC FR TAUGHT IN PARIS, FRANCE. SENIOR INTERIOR
 DESIGN WORKSHOP IN PARIS. STUDY ABROAD SPRING 2015
 Study Abroad Administrative Fee Applies

MICRO DSGN HUMANICS ARTID 551A 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 8255005 TR 5:10-6:30PM MALVEN F
 MEETS: JAN 12-MAY 8

DSGN MTHDS:PROC ALT ARTID 552D 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1824005 M 5:30-7:30PM SONG J
 MEETS: JAN 12-MAY 8

ID TEACHNG PRACTICM ARTID 554 1- 3 CREDITS
 Prereq: ARTID 668 AND PERMISSION OF INSTRUCTOR
 4283005 ARRANGED CAGLEY L
 MEETS: JAN 12-MAY 8

ADV STUDI DSGN THRY ARTID 569A 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF
 INSTRUCTOR
 7179005 TR 12:10-1:30 STONE L
 MEETS: JAN 12-MAY 8

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
 9582605 XV ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW
 9582600 XW ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: Section XW is off campus
 Course delivery is WWW

TOPICS INT'L STUDIE INTST 350 2- 4 CREDITS
 7379005 1A TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO INTST MAJORS ONLY
 TOPIC: "TOPIC: GLOBAL ISSUES, CULTURE, AND IDENTITY"
 7379010 1B TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN INTST
 TOPIC: "TOPIC: GLOBAL ISSUES, CULTURE, AND IDENTITY"
 7379015 2A MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC 2A RESTRICTED TO INTST MAJORS ONLY
 TOPIC: "GOVERNING ASIA"
 7379020 2B MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC 2B FOR MAJORS OTHER THAN INTST
 TOPIC: "GOVERNING ASIA"

PRE-STU ABROAD SEMN INTST 395A 1 CREDIT
 Note: Instructor permission required.
 7815005 1 ARRANGED
 MEETS: JAN 12-MAY 8

SEMNR INT'L STUDIES INTST 430 3 CREDITS
 Prereq: INTST 235, JUNIOR CLASSIFICATION OR
 HIGHER
 Note: Meets international perspectives reqmt
 9583005 1A MW 3:10-4:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO INTST MAJORS
 9583010 1B MW 3:10-4:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN INTST.

INTERNATIONAL STUDIES (CONTINUED)

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 12-MAY 8

THINK GLOBALLY INTST 491 1 CREDIT
 Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD
 AND/OR INTERNSHIP ABROAD
 Satisfactory-Fail Only.
 3467005 1 TR 2:10-3:30 WILHELM J
 MEETS: JAN 12-MARCH 6

JOURNALISM & MASS COMMUNICATION

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS
 4656005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY.
 4656010 2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN ADVRT, JL MC.

JOURNLS&COMM ORIENT JL MC 110 1 CREDIT
 Satisfactory-Fail Only.
 4657005 1 T 8:00-9:20
 MEETS: JAN 12-MAY 8
 4657010 2 R 8:00-9:20
 MEETS: JAN 12-MAY 8
 4657015 3 T 9:30-10:50
 MEETS: JAN 12-MAY 8
 4657020 4 R 9:30-10:50
 MEETS: JAN 12-MAY 8

REPORT&WRIT MASS MD JL MC 201 3 CREDITS
 Prereq: ENGL 250 (OR TESTOUT) AND JL MC 110
 Note: COURSE RESTRICTED TO JL MC, ADVRT MAJORS ONLY.
 4658005 1 MW 8:00-10:10
 ARRANGED
 MEETS: JAN 12-MAY 8
 4658010 2 TR 8:00-10:10
 ARRANGED
 MEETS: JAN 12-MAY 8
 4658015 3 MW 3:10-5:30, ARRANGED
 MEETS: JAN 12-MAY 8
 4658020 4 TR 8:00-10:10
 ARRANGED
 MEETS: JAN 12-MAY 8
 4658025 5 TR 12:40-2:50
 ARRANGED
 MEETS: JAN 12-MAY 8
 4658030 6 TR 10:00-12:10
 ARRANGED
 MEETS: JAN 12-MAY 8
 4658035 7 TR 4:10-6:40PM
 ARRANGED
 MEETS: JAN 12-MAY 8
 4658040 8 MW 1:10-3:20, ARRANGED
 MEETS: JAN 12-MAY 8
 4658045 9 MW 10:30-12:40
 ARRANGED
 MEETS: JAN 12-MAY 8
 4658050 10 MW 10:50-1:00
 ARRANGED
 MEETS: JAN 12-MAY 8

INT REPORT MASS MED JL MC 202 3 CREDITS
 Prereq: JL MC 201 WITH A GRADE OF C+ OR BETTER
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS
 ONLY
 4659005 1 TR 8:00-9:50
 MEETS: JAN 12-MAY 8

ELECTRON MEDIA WRIT JL MC 206 3 CREDITS
 Prereq: JL MC 201 WITH A GRADE OF C+ OR BETTER
 8511005 1 MW 1:10-3:00
 MEETS: JAN 12-MAY 8

VISUAL PRIN MASS CM JL MC 242 3 CREDITS
 4673005 1A MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 4673010 1B MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

ELECTRON MEDIA PROD 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 3:10-5:00
 MEETS: JAN 12-MAY 8

JOURNALISM & MASS COMMUNICATION (CONTINUED)

DIGITL VIDEO PRODUC JL MC 307X 3 CREDITS
 Prereq: JL MC 242
 9685005 1 MW 12:10-1:00
 F 8:00-9:50
 MEETS: JAN 12-MAY 8
 9685010 2 MW 12:10-1:00
 F 10:00-11:50
 MEETS: JAN 12-MAY 8
 9685015 3 MW 12:10-1:00
 F 2:10-4:00
 MEETS: JAN 12-MAY 8

TV NEWS PRODUCTION JL MC 309X 4 CREDITS
 Prereq: JL MC 206
 9695005 1 TR 1:10-5:00
 MEETS: JAN 12-MAY 8

FUND PHOTOJOURNALISM 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 12:40-2:50
 MEETS: JAN 12-MAY 8

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 MW 10:20-12:10
 MEETS: JAN 12-MAY 8

INTRO DIGITL PUBLISH JL MC 316 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN JL MC 242
 AND C+ OR BETTER IN JL MC 201
 5325005 1 TR 8:00-10:15
 MEETS: JAN 12-MAY 8
 5325010 2 TR 11:00-1:15
 MEETS: JAN 12-MAY 8
 5325015 3 MW 8:00-10:15
 MEETS: JAN 12-MAY 8

MOBILE DVIC PUBLISHG 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 12-MAY 8

CONTEM MAGAZINE PUB JL MC 341 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 4672005 1 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

PUBL AFFAIRS REPORT JL MC 346 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 202 OR JL MC 206 OR
 JL MC 321/P R 321
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS.
 4675005 1 MW 3:10-5:00
 MEETS: JAN 12-MAY 8

SCIENCE COMMUNICATN JL MC 347 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 202 OR JL MC 206 OR
 P R 321 FOR JL MC MAJORS; C+ OR BETTER IN JL MC 201
 AND ADVRT 334 OR ADVRT 336 FOR ADVRT MAJORS;
 NONMAJORS AND MINORS BY PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
 4676005 1 MW 1:10-3:00
 MEETS: JAN 12-MAY 8

NEWS&FEATUR EDITING JL MC 349 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 202 OR JL MC 206
 OR JL MC 321/P R 321
 Note: COURSE RESTRICTED TO ADVRT, JL MC P R MAJORS
 ONLY. TOPIC: PRINT EDITING
 4677005 1 TR 12:40-3:00
 MEETS: JAN 12-MAY 8

PRO SKILL DEVEL:MAP JL MC 390A 1 CREDIT
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR
 PERMISSION
 Note: COURSE TOPIC: "MEREDITH APPRENTICE PROGRAM".
 NO MORE THAN 3 CREDITS IN JL MC/ADVRT/P R 390 MAY
 BE APPLIED TOWARD MAJOR REQUIREMENTS FOR GRADUATION.
 8538005 1 T 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

PRO SKIL:FASHN WRIT JL MC 390J 3 CREDITS
 9785005 1 TR 10:20-12:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY
 9785010 2 TR 3:10-5:20
 MEETS: JAN 12-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN ADVRT, JL MC,
 P R

JOURNALISM & MASS COMMUNICATION (CONTINUED)

JOURNALISM & MASS COMMUNICATION (CONTINUED)

MEDIA MANAGEMENT JL MC 406 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 1812005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

MASS COMMUNICAT LAW JL MC 460 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201, JUNIOR
 CLASSIFICATION, NONMAJORS MUST HAVE PERMISSION OF
 INSTRUCTOR
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R JUNIORS &
 SENIORS ONLY
 4688005 1 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8

WORLD COMMUNIC SYST JL MC 476 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.
 Meets international perspectives reqmt
 4693005 1 TR 11:00-12:30
 MEETS: JAN 12-MAY 8

ETHNIC,GENDER&MEDIA JL MC 477 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4554600 XW ARRANGED GESKE J
 MEETS: JAN 12-MAY 8
 Note: THIS SECTION IS RESTRICTED TO JUNIORS AND ABOVE.
 FRESHMAN AND SOPHOMORES MAY NOT TAKE THIS SECTION.
 Section XW is off campus
 Course delivery is WWW

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 TOP COMPUT COMM JL MC 497J 3 CREDITS
 9768005 A1 R 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY
 9768010 A2 R 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ADVRT, JL MC
 P R

PROFES MEDIA INTERN JL MC 499 1- 3 CREDITS
 Prereq: JL MC MAJORS: C+ OR BETTER IN JL MC 202
 OR JL MC 206 OR JL MC 321/P R 321; ADVRT MAJORS:
 ADVRT 301, C+ OR BETTER IN JL MC 201; ALL STUDENTS:
 JUNIOR CLASSIFICATN, FORMAL FACULTY ADVISER APPROVAL
 Note: NO MORE THAN 6 CREDITS OF ADVRT 499X, JL MC 499,
 AND P R 499 MAY BE APPLIED TOWARD GRADUATION
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMM RESEARCH METHD JL MC 502 4 CREDITS
 Prereq: JL MC 501 OR EQUIV COMMUNICATION THEORY
 COURSE
 4726005 1 MW 4:10-6:30PM
 ARRANGED
 MEETS: JAN 12-MAY 8

MEDIA MANAGEMENT JL MC 506 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCI (ECON HIGHLY
 RECOMMENDED) OR ADMISSION TO THE GRAD PROGRAM
 1813005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

STRATEG OF COMMUNIC JL MC 510 3 CREDITS
 Prereq: JL MC 501
 4730005 1 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

SCIENCE COMMUNICATN JL MC 547 3 CREDITS
 Prereq: 6 CR SOCIAL SCI OR ADMISSION TO GRAD PROG
 7316005 1 MW 1:10-3:00
 MEETS: JAN 12-MAY 8

MEDIA&SOCIETY RELAT JL MC 561 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCI
 8830005 1 MW 2:10-3:25
 MEETS: JAN 12-MAY 8

WORLD COMMUNIC SYST JL MC 576 3 CREDITS
 Note: Meets international perspectives reqmt
 4738005 1 TR 11:00-12:30
 MEETS: JAN 12-MAY 8

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SPCIALZ JL MC 590B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP RSRCH MTHD JL MC 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TECHNQ&STYLE JL MC 590D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP SPLZ COMMUNC JL MC 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESNL INTERNSHIP JL MC 591 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM CPTR MEDIAT CMM JL MC 598P 1- 3 CREDITS
 Note: TOPIC: BIG DATA AND SOCIETY
 8402005 1 R 5:10-8:00PM
 MEETS: JAN 12-MAY 8
 Note: SEC 1 OFFERED FOR 3 CREDITS SPRING 2015

CREATIVE COMPONENT JL MC 599 VAR. CREDITS
 Prereq: APPROVED CREDIT COMPONENT PROPOSAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH JL MC 699 VAR. CREDITS
 Prereq: APPROVED THESIS PROPOSAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY

SWIMMING I KIN 101 1 CREDIT
 Satisfactory-Fail Only.
 5660005 1 TR 8:00-9:20
 MEETS: JAN 12-MAY 8

SWIMMING II KIN 102 1 CREDIT
 Prereq: KIN 101 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5661005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

AQUATIC FITNESS KIN 108 1 CREDIT
 Prereq: KIN 102 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5665005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

BADMINTON KIN 122 1 CREDIT
 Satisfactory-Fail Only.
 5671005 1 MWF 9:00-10:20
 MEETS: JAN 12-MARCH 6
 5671010 2 MWF 10:30-11:50
 MEETS: JAN 12-MARCH 6

BOWLING KIN 129 1 CREDIT
 Satisfactory-Fail Only.
 5675005 1 MW 9:00-9:50
 MEETS: JAN 12-MAY 8
 5675010 2 MW 10:00-10:50
 MEETS: JAN 12-MAY 8
 5675015 3 MW 11:00-11:50
 MEETS: JAN 12-MAY 8
 5675020 4 TR 9:30-10:20
 MEETS: JAN 12-MAY 8
 5675025 5 TR 11:00-11:50
 MEETS: JAN 12-MAY 8
 5675030 6 TR 12:40-1:30
 MEETS: JAN 12-MAY 8

GOLF KIN 135 1 CREDIT
 Satisfactory-Fail Only.
 5678005 1 MWF 8:00-9:20
 MEETS: MARCH 9-MAY 8
 5678010 2 MWF 9:30-10:50
 MEETS: MARCH 9-MAY 8
 5678015 3 MWF 11:00-12:20
 MEETS: MARCH 9-MAY 8
 5678020 4 MWF 12:40-2:00
 MEETS: MARCH 9-MAY 8

RACQUETBALL KIN 144 1 CREDIT
 Satisfactory-Fail Only.
 5683005 1 MW 9:00-9:50
 MEETS: JAN 12-MAY 8
 5683010 2 MW 10:00-10:50
 MEETS: JAN 12-MAY 8

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

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 12-MARCH 6

TENNIS KIN 158 1 CREDIT
 Satisfactory-Fail Only.
 5690005 1 MWF 9:30-10:50
 MEETS: MARCH 9-MAY 8
 5690010 2 MWF 11:00-12:20
 MEETS: MARCH 9-MAY 8
 5690015 3 MWF 12:30-2:00
 MEETS: MARCH 9-MAY 8

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 12-MAY 8

WALKING FOR FITNESS KIN 164 1 CREDIT
 Satisfactory-Fail Only.
 8867005 1 MWF 9:00-10:05
 MEETS: MARCH 9-MAY 8
 8867010 2 MWF 11:00-12:05
 MEETS: MARCH 9-MAY 8
 8867015 3 TR 9:30-11:05
 MEETS: MARCH 9-MAY 8
 8867020 4 TR 11:00-12:35
 MEETS: MARCH 9-MAY 8

RUNNING FOR FITNESS KIN 165 1 CREDIT
 Satisfactory-Fail Only.
 5343005 1 MWF 8:00-9:20
 MEETS: MARCH 9-MAY 8

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 12-MAY 8
 5696010 2 MW 10:00-10:50
 MEETS: JAN 12-MAY 8
 5696015 3 MW 11:00-11:50
 MEETS: JAN 12-MAY 8
 5696020 4 MW 12:10-1:00
 MEETS: JAN 12-MAY 8
 5696025 5 MW 1:10-2:00
 MEETS: JAN 12-MAY 8

JUDO KIN 168 1 CREDIT
 Satisfactory-Fail Only.
 5353005 1 TR 9:00-9:50
 MEETS: JAN 12-MAY 8

TAEKWONDO/KARATE I KIN 170 1 CREDIT
 Satisfactory-Fail Only.
 5700005 1 MW 9:00-9:50
 MEETS: JAN 12-MAY 8
 5700010 2 MW 10:00-10:50
 MEETS: JAN 12-MAY 8
 5700015 3 MW 11:00-11:50
 MEETS: JAN 12-MAY 8

TAEKWONDO/KARATE II KIN 171 1 CREDIT
 Prereq: 170
 Satisfactory-Fail Only.
 5701005 1 TR 10:00-10:50
 MEETS: JAN 12-MAY 8

HAPKIDO/MARTIAL ARTS KIN 173 1 CREDIT
 Satisfactory-Fail Only.
 5702005 1 TR 11:00-11:50
 MEETS: JAN 12-MAY 8

VOLLEYBALL KIN 182 1 CREDIT
 Satisfactory-Fail Only.
 5710005 1 TR 9:00-9:50
 MEETS: JAN 12-MAY 8
 5710010 2 TR 10:00-10:50
 MEETS: JAN 12-MAY 8
 5710015 3 TR 11:00-11:50
 MEETS: JAN 12-MAY 8

SOCCER KIN 185 1 CREDIT
 Satisfactory-Fail Only.
 5712005 1 TR 10:00-10:50
 MEETS: JAN 12-MAY 8

CNCPTS FITNS&WELLN KIN 210 2 CREDITS
 8843005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

FND INDOOR TEAM SPT KIN 232 1 CREDIT
 Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
 Note: COURSE RESTRICTED TO KIN H MAJORS ONLY. FOR STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. Instructor permission required 1st week.
 9616005 1 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

KINESIOLOGY PROFESSNS KIN 252 1 CREDIT
 7415005 1 ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 7498010 2 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

PHYS FITNESS & COND KIN 258 2 CREDITS
 Prereq: MAJOR IN KINESIOLOGY OR HEALTH ONLY
 Note: COURSE RESTRICTED TO A TR, PDEXA, PDEXH, HHP, KIN H, P ATR MAJORS ONLY. CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 5732005 1 TR 9:00-9:50, ARRANGED
 MEETS: JAN 12-MAY 8
 5732010 2 TR 10:00-10:50
 ARRANGED
 MEETS: JAN 12-MAY 8
 5732015 3 TR 11:00-11:50
 ARRANGED
 MEETS: JAN 12-MAY 8
 5732020 4 TR 12:10-1:00
 ARRANGED
 MEETS: JAN 12-MAY 8
 5732025 5 TR 1:10-2:00, ARRANGED
 MEETS: JAN 12-MAY 8
 5732030 6 TR 2:10-3:00, ARRANGED
 MEETS: JAN 12-MAY 8

LDRSHP TECH FITNESS KIN 259 2 CREDITS
 Prereq: KIN 258
 Note: COURSE RESTRICTED TO A TR, P ATR, PDEXA, PDEXH, C H E, KIN H MAJORS ONLY.
 9622005 1 MW 1:10-3:00
 MEETS: JAN 12-MAY 8
 9622010 2 MW 3:10-5:00
 MEETS: JAN 12-MAY 8

ADV STRNGTH TRAINNG KIN 266 2 CREDITS
 Prereq: KIN 258
 Note: COURSE RESTRICTED TO A TR, KIN, P ATR JRS & SRS ONLY
 7421005 1 TR 9:30-10:50
 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.
 7421010 2 TR 11:00-12:30
 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

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 12-MAY 8
 5736010 2 R 8:00-11:30
 MEETS: JAN 12-MAY 8

FIELD EXP SECYD P E KIN 281 1 CREDIT
 Prereq: ADMISSION TO UNIV TEACHER EDUC PROGRAM
 Satisfactory-Fail Only.
 7699005 1 F 8:00-11:30
 MEETS: JAN 12-MAY 8
 7699010 2 R 8:00-11:30
 MEETS: JAN 12-MAY 8

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 12-MAY 8

KINESIOLOGY

(CONTINUED)

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 12-MAY 8
 Note: Instructor permission required.

SECDY PHYSICAL EDUC KIN 313 3 CREDITS
 Prereq: ADMISSION TO UNIVERSITY TEACHER EDUC PROG
 5756005 1 MW 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 12-MAY 8

5756010 2 MW 2:10-3:00
 F 8:00-10:50
 MEETS: JAN 12-MAY 8

COACH THY&ADMIN ISS KIN 315 3 CREDITS
 Note: COURSE RESTRICTED TO JRS AND SRS ONLY.
 5372005 1 TR 11:00-12:20
 ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

BIOMECHANICS KIN 355 3 CREDITS
 Prereq: PHYS 111 OR PHYS 115
 5752005 1 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN A TR,
 D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH. JRS &
 ABOVE ONLY.

SOC SPORT & EXERCISE KIN 360 3 CREDITS
 Prereq: SOC 134, STAT 101 OR 104 OR 226/326;
 OR KIN 471
 Note: Instructor permission required 1st week.
 5753005 1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH,
 PDEXA, P ATR, PDEXH JRS & SRS, KIN H, FSHNH
 GRADS

5753010 2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 2 RESTRICTED TO A TR, D EXA, D EXH, PDEXA,
 P ATR, PDEXA, PDEXH JRS & SRS, KIN H MAJORS.

5753015 3 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC 3 OPEN TO MAJORS OTHER THAN A TR, D EXA,
 D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH

5753020 4 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 4 OPEN TO MAJORS OTHER THAN A TR, D EXA,
 D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH

KINESIOLOGY

(CONTINUED)

SPORT PSYCHOLOGY KIN 365 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 Note: Instructor permission required 1st week.
 5754005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 PDEXA, PDEXH JRS & SRS, KIN H MAJORS.

5754010 2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 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 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO A TR, C H E, PDEXA, PDEXH,
 P ATR, JRS & SRS, KIN H MAJORS ONLY.

7190010 2 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC FOR JRS 7 SRS OTHER THAN C H E,
 PDEXA, PDEXH, OR KIN H MAJORS

MOTOR CNTRL LIFESP KIN 372 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230, BIOL 255,256
 9623005 1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR,
 D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH. JRS &
 ABOVE ONLY

STRATG PRO SCHL&FLD KIN 385 R CREDIT
 Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN
 MINIMUM OF TWO SEMESTERS PRIOR TO GRADUATION OR
 FIELD EXPERIENCE PLACEMENT
 Note: COURSE RESTRICTED TO KIN H, JRS &
 ABOVE & FSHNA AND FSHNH GRADUATE STUDENTS.
 Satisfactory-Fail Only.
 5761005 1 R 2:10-3:00, ARRANGED
 MEETS: JAN 12-MAY 8

5761010 2 F 1:10-2:00, ARRANGED
 MEETS: JAN 12-MAY 8

SRV LRN LEADSHP EXP KIN 391 1- 3 CREDITS
 Satisfactory-Fail Only.
 6691005 1 ARRANGED
 MEETS: JAN 12-MAY 8

SUPV TCHG-SECONDARY KIN 417 VAR. CREDITS
 Prereq: KIN 281, KIN 313, KIN 355, KIN 358, KIN
 395, KIN 471, KIN 475; ADMISSIO TO TEACHER EDUC;
 APPROVAL BEFORE ENROLLING IN THE COURSE.
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Department permission required.
 5764010 1A ARRANGED
 MEETS: JAN 12-MARCH 6
 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 12-MARCH 6
 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 9-MAY 8
 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 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.

SUPR TCHG-ELEMENTRY KIN 418 8 CREDITS
 Prereq: KIN 280, KIN 312, KIN 355, KIN 358,
 KIN 395, KIN 471, KIN 475, FULLY ADMITTED TO
 TEACHER EDUCATION AND MUST APPLY FOR APPROVAL TO
 ENROLL AT THE BEGIN OF SEMESTER PRIOR TO REGISTERING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Department permission required.
 5765005 1A ARRANGED
 MEETS: JAN 12-MARCH 6
 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 12-MARCH 6
 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 9-MAY 8
 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 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

SUPR TCHG-ELEMENTRY KIN 418 8 CREDITS
 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 12-MAY 8

BIOMECH RSRCH TOPCS KIN 455 3 CREDITS
 Prereq: KIN 355 OR PERMISSION OF INSTRUCTOR
 6334005 TR 2:10-3:25
 MEETS: JAN 12-MAY 8

PRIN FITNESS ASSESS KIN 458 4 CREDITS
 Prereq: KIN 358
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, KIN H
 MAJORS & FSHNA AND FSHNH GRADUATE STUDENTS
 5767005 1 MWF 1:10-2:00
 T 1:10-3:00
 MEETS: JAN 12-MAY 8

5767010 2 MWF 1:10-2:00
 T 3:10-5:00
 MEETS: JAN 12-MAY 8

5767015 3 MWF 1:10-2:00
 R 1:10-3:00
 MEETS: JAN 12-MAY 8

5767020 4 MWF 1:10-2:00
 R 3:10-5:00
 MEETS: JAN 12-MAY 8

5767025 5 MWF 10:00-10:50
 R 5:10-7:00PM
 MEETS: JAN 12-MAY 8

5767030 6 MWF 10:00-10:50
 T 11:00-1:00
 MEETS: JAN 12-MAY 8

5767035 7 MWF 10:00-10:50
 R 11:00-1:00
 MEETS: JAN 12-MAY 8

5767040 8 MWF 10:00-10:50
 T 5:10-7:00PM
 MEETS: JAN 12-MAY 8

INTERN EXER LEADRSH KIN 459 1 CREDIT
 Prereq: C- OR BETTER IN KIN 259, CPR
 CERTIFICATION, CURRENT ENROLLMENT IN KIN 458
 Note: CONCURRENT ENROLLMENT IN 458 IS REQUIRED.
 RESTRICTED TO D EXA, D EXH, PDEXA, PDEXH
 JRS & SRS, KIN H MAJORS.
 3473005 1 ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

5763010 2 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

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 T 6:10-9:00PM
 MEETS: JAN 12-MAY 8

MEASUREMT IN PHY ED KIN 471 3 CREDITS
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 7432005 1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

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 12-MAY 8

INTERNSH FITNSS MGT KIN 485A 1-16 CREDITS
 Prereq: SENIOR CLASSIFICATN, ADVANCE REGISTRATN,
 C- OR BETTER IN KIN 458 AND KIN 459, MAJOR IN
 KINESIOLOGY AND HEALTH, CUM GPA 2.0
 Satisfactory-Fail Only.
 5772005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

INTERNSHP SPORT&ACT KIN 485B 1-16 CREDITS
 Prereq: SENIOR CLASSIFICATN, ADVANCE REGISTRATN,
 MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0
 Satisfactory-Fail Only.
 5773005 ARRANGED
 MEETS: JAN 12-MAY 8
 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

INJURY BIOMECHANICS KIN 515 3 CREDITS
 Prereq: KIN 355 OR PERMISSION OF INSTRUCTOR
 9573005 ARRANGED
 MEETS: JAN 12-MAY 8

STDT TEACH ELEM P E KIN 518 8 CREDITS
 Prereq: KIN 512, KIN 570, KIN 575
 7443005 1A ARRANGED
 MEETS: JAN 12-MAY 8

7443010 2A ARRANGED
 MEETS: JAN 12-MAY 8

STDT TEACH SECD P E KIN 519 8 CREDITS
 Prereq: KIN 512, KIN 570, KIN 575
 7448005 1A ARRANGED
 MEETS: JAN 12-MAY 8

7448010 2A ARRANGED
 MEETS: JAN 12-MAY 8

ADV PHYSIOL EXER II KIN 551 3 CREDITS
 Prereq: KIN 505
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 5792005 1 T 4:10-6:00PM
 ARRANGED
 MEETS: JAN 12-MAY 8

EXERC&HLTH:BHVR CHG KIN 567 3 CREDITS
 Prereq: KIN 366 OR EQUIVALENT
 3232005 1 T 6:10-9:00PM
 MEETS: JAN 12-MAY 8

ACTVT ASESSMT RSRCH KIN 570 3 CREDITS
 Note: COURSE RESTRICTED TO FSHNH GRADS ONLY
 7454005 1 TR 3:10-4:30
 MEETS: JAN 12-MAY 8

MEASUREMT IN PHY ED KIN 571 3 CREDITS
 7459005 1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

NEURAL BASIS HM MVT KIN 572 3 CREDITS
 Prereq: KIN 372 OR PSYCH 310
 7327005 MW 3:10-4:30
 MEETS: JAN 12-MAY 8

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

KINESIOLOGY

(CONTINUED)

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 2014
 Instructor permission required 1st week.
 5812005 F 1:10-2:00
 MEETS: JAN 12-MAY 8

RESEARCH KIN 699 1- 6 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

STUDIO:SITE DSGN 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 12-MAY 8

4767010 2 MW 1:10-5:20
 F 4:10-5:20
 F 1:10-3:50
 MEETS: JAN 12-MAY 8

INTRDUCD PLT MIDWST L A 222 3 CREDITS
 Prereq: L A 221
 Note: Instructor permission required 1st week.
 4774005 TR 12:40-1:30
 TR 1:40-4:00
 MEETS: JAN 12-MAY 8

SOCIAL&BEHAV LNDSCP L A 274 3 CREDITS
 Note: Meets U.S. diversity reqmt
 7943005 1 M 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 12-MAY 8

LANDSCAPE DYNAMICS L A 282 3 CREDITS
 Prereq: SOPHOMORE STANDING
 4263005 T 11:00-12:20
 R 9:30-12:20
 MEETS: JAN 12-MAY 8

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 12-MAY 8

4778020 2 F 1:10-3:50
 F 4:10-5:20
 MW 1:10-5:20
 MEETS: JAN 12-MAY 8

CONTEMP LANDSC ARCH L A 341 1 CREDIT
 Prereq: L A 301
 6119005 M 12:10-1:00
 MEETS: JAN 12-MAY 8

HIST MODRN LANDSCAP L A 371 3 CREDITS
 4662005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

ADV LAND ARC DESIGN L A 404 6 CREDITS
 Prereq: L A 401
 Note: Instructor permission required 1st week.
 4781005 ARRANGED
 MEETS: JAN 12-MAY 8

4781800 IT ARRANGED MARTIN M
 MEETS: JAN 12-MAY 6
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2015.
 OFFERED FOR 6 CREDITS
 Study Abroad Administrative Fee Applies

LANDSCAPE ARCHITECTURE

(CONTINUED)

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 12-MAY 8

7150800 IT ARRANGED MARTIN M
 MEETS: JAN 12-MAY 6
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2015.

PROFESSIONL PRACTCE L A 441 2 CREDITS
 Prereq: L A 481
 Note: Instructor permission required 1st week.
 4783005 M 10:00-11:50
 MEETS: JAN 12-MAY 8

LAND ARCH INTERNSHP L A 444A R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 3036005 ARRANGED
 MEETS: JAN 12-MAY 8

L ARCH STUDY ABROAD L A 444B R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 6212005 ARRANGED
 MEETS: JAN 12-MAY 8

LA NAT'L STDT XCHNG L A 444C R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 6213005 ARRANGED
 MEETS: JAN 12-MAY 8

TOPIC LANDSC DESIGN L A 478A 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 6216005 ARRANGED
 MEETS: JAN 12-MAY 8

TOPIC HIST/THRY/CRT L A 478D 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 Note: TOPIC: LANDSCAPE INFRASTRUCTURE & RESILIEAT
 CITIES. COURSE OFFERED FOR 3 CREDITS SPRING 2013
 3917800 IT ARRANGED
 MEETS: JAN 12-MAY 6
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2015.
 OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

TOPIC INTERDISCIPLIN L A 478I 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 Note: TOPIC: DESIGN FOR HEALTH
 3970005 F 9:00-11:50
 MEETS: JAN 12-MAY 8

TOPIC INTERNAT'L ST L A 478J 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRADUATE
 CLASSIFICATION
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
 4073005 ARRANGED
 MEETS: JAN 12-MAY 8

TOPIC COMPUTER APP L A 478K 2- 3 CREDITS
 Prereq: L A 371 OR SENIOR OR GRADUATE STANDING
 4092005 MW 8:30-9:50
 MEETS: JAN 12-MAY 8

TOPIC ECOLOG DESIGN L A 478L 2- 3 CREDITS
 Prereq: L A 371 OR SENIOR OR GRADUATE STANDING
 6990005 ARRANGED
 MEETS: JAN 12-MAY 8

TOPIC SOCIA/BEHAVRL L A 478M 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION
 3740005 ARRANGED
 MEETS: JAN 12-MAY 8

TOPIC NATURL RSOURC L A 478N 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION
 3741005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV LANDSCP CONSTRU L A 484X 3 CREDITS
 Prereq: L A 481
 9730005 TR 11:00-12:30
 MEETS: JAN 12-MAY 8

IND STDY LAND DSGN L A 490A 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE (CONTINUED)

IND STDY PLNTNG DSN L A 490B 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CONSTRUCT L A 490C 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY L A 490D 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STU LANDSC PLAN L A 490E 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY URBAN DSGN L A 490F 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY GRAPHICS L A 490G 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS L A 490H 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INTERDISC L A 490I 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STU INT'L STUDI L A 490J 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY CMPTR APPL L A 490K 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY ECO DESIGN L A 490L 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOCIAL/BHV L A 490M 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

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

LAND ARCH THEORY II L A 573 3 CREDITS
 Prereq: GRAD STANDING OR INSTRUCTOR PERMISSION
 3236005 T 5:10-8:00PM
 MEETS: JAN 12-MAY 8

TOPIC LANDSC DESIGN L A 578A 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 4114005 ARRANGED
 MEETS: JAN 12-MAY 8

TOPIC HIST/THRY/CRT L A 578D 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: TOPIC: LANDSCAPE INFRASTRUCTURE & RESILIEAT
 CITIES. COURSE OFFERED FOR 3 CREDITS SPRING 2013
 4182005 ARRANGED
 MEETS: JAN 12-MAY 8

TOPIC INTERDISCIPLIN L A 578I 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: TOPIC: DESIGN FOR HEALTH
 4226005 F 9:00-11:50
 MEETS: JAN 12-MAY 8

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

LANDSCAPE ARCHITECTURE (CONTINUED)

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

CREATIVE COMPONENT L A 599 1- 8 CREDITS
 Prereq: PERMISSION OF MAJOR PROF
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH L A 699 1- 8 CREDITS
 Prereq: PERMISSION OF MAJOR PROFESSOR
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

LATIN

ELEMENTARY LATIN II LATIN 102 4 CREDITS
 Prereq: LATIN 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
 SCHOOL LATIN MAY NOT ENROLL IN 102. STUDENTS WHO HAVE
 COMPLETED MORE THAN 1 YEAR BUT LESS THAN 3 YEARS OF
 H.S. LATIN ARE REQUIRED TO TAKE 1ST YR TESTOUT EXAM.
 Meets international perspectives reqmt
 4855005 1 MTWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 4855010 2 MTWR 2:10-3:00
 MEETS: JAN 12-MAY 8

INTRO TO LATIN LIT LATIN 332 VAR. CREDITS
 Prereq: LATIN 201
 Note: Meets international perspectives reqmt
 4857600 XW ARRANGED MOOK M
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

LATIN

(CONTINUED)

INDEPENDENT STUDY LATIN 490 1- 6 CREDITS
 Prereq: 6 CR IN LATIN; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN LATIN 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LEARNING TEAM

AG BUSINESS 1 L TM A102 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 4785102 ARRANGED LUVAGA E
 MEETS: JAN 12-MAY 8

AG BUSINESS 2 L TM A103 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 4832103 ARRANGED LUVAGA E
 MEETS: JAN 12-MAY 8

AG BUSINESS 3 L TM A104 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 4842104 ARRANGED LUVAGA E
 MEETS: JAN 12-MAY 8

AG BUSINESS 4 L TM A105 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 4844105 ARRANGED LUVAGA E
 MEETS: JAN 12-MAY 8

AGRONOMY I L TM A110 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 4897110 ARRANGED WIEDENHOEFT M
 MEETS: JAN 12-MAY 8

AGRONOMY II L TM A111 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 4929111 ARRANGED WIEDENHOEFT M
 MEETS: JAN 12-MAY 8

HORTICULTURE 1 L TM A124 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 4942124 ARRANGED OSBORN B
 MEETS: JAN 12-MAY 8

NREM FRESHMEN L TM A134 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 5108134 ARRANGED MACKEN J
 MEETS: JAN 12-MAY 8

TLC FRESHMEN 1 L TM A138 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 5198138 ARRANGED MACKEN J
 MEETS: JAN 12-MAY 8

TLC FRESHMEN 2 L TM A140 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 5274140 ARRANGED MACKEN J
 MEETS: JAN 12-MAY 8

LEARNING TEAM

(CONTINUED)

TLC FRESHMEN 4 L TM A142 0 CREDITS
 9773142 ARRANGED MACKEN J
 MEETS: JAN 12-MAY 8

AGEDS - FRESHMAN 1 L TM A150 0 CREDITS
 8863150 ARRANGED CHAMBERLAIN B
 MEETS: JAN 12-MAY 8

AG BUSINESS 5 L TM A160 0 CREDITS
 4769160 ARRANGED LUVAGA E
 MEETS: JAN 12-MAY 8

NREM TRANSITION 1 L TM A210 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 7484210 ARRANGED BURNETT J
 MEETS: JAN 12-MAY 8

NREM TRANSITION 2 L TM A211 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 7487211 ARRANGED BURNETT J
 MEETS: JAN 12-MAY 8

GLOBE L TM A308 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR.
 6805308 ARRANGED SPRECHER M
 MEETS: JAN 12-MAY 8

COMMON THREADS (TC) L TM H102 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 5553102 ARRANGED WISE C
 MEETS: JAN 12-MAY 8

FS HN L TM H103 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 5555103 ARRANGED DEATON M
 MEETS: JAN 12-MAY 8

HDFS L TM H104 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 5556104 ARRANGED WALSH P
 MEETS: JAN 12-MAY 8

WISE (CALC/CHEM) L TM U104 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 5769104 ARRANGED ROWE A
 MEETS: JAN 12-MAY 8

WISE (CALC/CHEM) L TM U105 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 5777105 ARRANGED ROWE A
 MEETS: JAN 12-MAY 8

WISE (AV CALC/CHEM) L TM U106 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 5788106 ARRANGED ROWE A
 MEETS: JAN 12-MAY 8

WISE L TM U107 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY
 COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING
 THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER
 FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 5789107 ARRANGED ROWE A
 MEETS: JAN 12-MAY 8

LEARNING TEAM (CONTINUED)

WISE L TM U108 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 5815108 ARRANGED ROWE A
 MEETS: JAN 12-MAY 8

WISE(CALC/ENG CHEM) L TM U109 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 5819109 ARRANGED ROWE A
 MEETS: JAN 12-MAY 8

BIOCHEM BIOPHYSICS L TM U121 0 CREDITS
 Prereq: PERMISSION OF LEARNING COMMUNITY COORDINATOR
 Note: LEARNING TEAM IDENTIFICATION NUMBER. BY USING THIS REFERENCE NUMBER THE STUDENT IS ABLE TO REGISTER FOR SEATS RESERVED FOR THIS LEARNING COMMUNITY.
 2347121 ARRANGED GUNNING D
 MEETS: JAN 12-MAY 8

VETERANS' LC L TM U211 0 CREDITS
 9450211 ARRANGED CHICOINE J
 MEETS: JAN 12-MAY 8

LIBERAL ARTS & SCIENCES

ORIENTATION LAS 101 .5 CREDIT
 Satisfactory-Fail Only.
 6241005 W 1:10-2:00
 MEETS: JAN 12-MARCH 6

HUMANTIES FRONTIERS LAS 103B 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.
 7463005 W 4:10-5:00
 MEETS: JAN 12-MAY 8

COMMUNCTN FRONTIERS LAS 103C 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.
 7464005 1 W 2:10-4:00 SWEET D
 MEETS: JAN 12-MAY 8

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 W 4:10-5:00 SAKAGUCHI D
 MEETS: JAN 12-MAY 8

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 5:10-6:00PM DUSSELIER J
 MEETS: JAN 12-MAY 8

INTR U.S. LATINO ST LAS 211 3 CREDITS
 Note: Meets U.S. diversity reqmt
 4978005 1 TR 11:00-12:30
 MEETS: JAN 12-MAY 8
 4978010 2 MWF 10:00-10:50 BEHNKEN B
 MEETS: JAN 12-MAY 8

SPECIAL PROJECTS LAS 290D 1- 3 CREDITS
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION; PERMISSION OF LAS DEAN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROJ CATT CNTR LAS 290G 1- 3 CREDITS
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION, PERMISSION OF THE DIRECTOR OF THE CATT CENTER
 Note: PERMISSION OF DIRECTOR OF THE CATT CENTER REQUIRED TO ADD.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SRVC LRN INTL PERSP LAS 291C 1- 4 CREDITS
 Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 Satisfactory-Fail Only.
 3699800 BZ ARRANGED LAW L
 MEETS: JAN 12-MAY 8
 Note: SEC BZ TAUGHT IN PUNTA GORDA, BEIZE. ALTERNATIVE SPRING BREAK SERVICE LEARNING. STUDY ABROAD SPRING 2015 TAUGHT FOR 2 CREDITS SPRING 2015
 TRAVEL: MARCH 14-22
 Study Abroad Administrative Fee Applies

LIBERAL ARTS & SCIENCES (CONTINUED)

INTERNSHIP/CO-OP LAS 298 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES, SOPHOMORE CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LDRSHP DIVERSE SOCI LAS 322 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 8176005 1 TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 8176010 2 TR 4:10-5:30
 MEETS: JAN 12-MAY 8

TOPCS INTRDISCIP ST LAS 350A 2- 4 CREDITS
 7871005 1 ARRANGED
 MEETS: JAN 12-MAY 8

INTERNSHIP/CO-OP LAS 398 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES, JUNIOR CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY LAS 490A VAR. CREDITS
 Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 Note: College permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR LAS 490G VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SERV LRNG DIVRSITY LAS 491B 1- 4 CREDITS
 Note: Meets U.S. diversity reqmt
 ***** SEE DEPT FOR REFERENCE NUMBERS

SRVC LRN INTL PERSP LAS 491C 1- 4 CREDITS
 Note: Meets international perspectives reqmt
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 498 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES, SENIOR CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LAS 499 1- 4 CREDITS
 Prereq: PERMISSION OF LAS CAREER SERVICES
 Note: College permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIBRARY

INFORMATN LITERACY LIB 160 1 CREDIT
 Prereq: COMPLETION OF ENGL 101 REQUIRED FOR STUDENTS WHOSE NATIVE LANGUAGE IS NOT ENGLISH
 Note: TEST-OUT EXAM SCHEDULED WED., JAN. 21; THURS., JAN. 22; WED., MARCH 25; OR THURS., MARCH 26, 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 12-MARCH 6
 4862010 2 M 10:00-10:50
 ARRANGED
 MEETS: JAN 12-MARCH 6
 4862015 3 M 11:00-11:50
 ARRANGED
 MEETS: JAN 12-MARCH 6
 4862020 4 M 1:10-2:00, ARRANGED
 MEETS: JAN 12-MARCH 6
 4862025 5 M 2:10-3:00, ARRANGED
 MEETS: JAN 12-MARCH 6
 4862030 6 T 9:00-9:50, ARRANGED
 MEETS: JAN 12-MARCH 6
 4862035 7 T 10:00-10:50
 ARRANGED
 MEETS: JAN 12-MARCH 6
 4862040 8 T 11:00-11:50
 ARRANGED
 MEETS: JAN 12-MARCH 6
 4862045 9 T 1:10-2:00, ARRANGED
 MEETS: JAN 12-MARCH 6
 4862050 10 T 2:10-3:00, ARRANGED
 MEETS: JAN 12-MARCH 6
 4862055 11 W 9:00-9:50, ARRANGED
 MEETS: JAN 12-MARCH 6
 4862060 12 W 10:00-10:50
 ARRANGED
 MEETS: JAN 12-MARCH 6
 4862065 13 W 11:00-11:50
 ARRANGED
 MEETS: JAN 12-MARCH 6
 4862070 14 W 1:10-2:00, ARRANGED
 MEETS: JAN 12-MARCH 6
 4862075 15 W 2:10-3:00, ARRANGED
 MEETS: JAN 12-MARCH 6

LIBRARY

(CONTINUED)

LINGUISTICS

(CONTINUED)

INFORMATN LITERACY LIB 160 1 CREDIT
 4862080 16 R 9:00-9:50, ARRANGED
 MEETS: JAN 12-MARCH 6
 4862085 17 R 10:00-10:50
 ARRANGED
 MEETS: JAN 12-MARCH 6
 4862090 18 R 11:00-11:50
 ARRANGED
 MEETS: JAN 12-MARCH 6
 4862095 19 R 1:10-2:00, ARRANGED
 MEETS: JAN 12-MARCH 6
 4862100 20 R 2:10-3:00, ARRANGED
 MEETS: JAN 12-MARCH 6
 4862105 21 F 9:00-9:50, ARRANGED
 MEETS: JAN 12-MARCH 6
 4862110 22 F 10:00-10:50
 ARRANGED
 MEETS: JAN 12-MARCH 6
 4862115 23 F 11:00-11:50
 ARRANGED
 MEETS: JAN 12-MARCH 6
 4862120 24 F 1:10-2:00, ARRANGED
 MEETS: JAN 12-MARCH 6
 4862125 25 F 2:10-3:00, ARRANGED
 MEETS: JAN 12-MARCH 6
 4862130 26 M 9:00-9:50, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862135 27 M 10:00-10:50
 ARRANGED
 MEETS: MARCH 9-MAY 8
 4862140 28 M 11:00-11:50
 ARRANGED
 MEETS: MARCH 9-MAY 8
 4862145 29 M 1:10-2:00, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862150 30 M 2:10-3:00, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862155 31 T 9:00-9:50, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862160 32 T 10:00-10:50
 ARRANGED
 MEETS: MARCH 9-MAY 8
 4862165 33 T 11:00-11:50
 ARRANGED
 MEETS: MARCH 9-MAY 8
 4862170 34 T 1:10-2:00, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862175 35 T 2:10-3:00, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862180 36 W 9:00-9:50, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862185 37 W 10:00-10:50
 ARRANGED
 MEETS: MARCH 9-MAY 8
 4862190 38 W 11:00-11:50
 ARRANGED
 MEETS: MARCH 9-MAY 8
 4862200 39 W 1:10-2:00, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862205 40 W 2:10-3:00, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862210 41 R 9:00-9:50, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862215 42 R 10:00-10:50
 ARRANGED
 MEETS: MARCH 9-MAY 8
 4862220 43 R 11:00-11:50
 ARRANGED
 MEETS: MARCH 9-MAY 8
 4862225 44 R 1:10-2:00, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862230 45 R 2:10-3:00, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862235 46 F 9:00-9:50, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862240 47 F 10:00-10:50
 ARRANGED
 MEETS: MARCH 9-MAY 8
 4862245 48 F 11:00-11:50
 ARRANGED
 MEETS: MARCH 9-MAY 8
 4862250 49 W 1:10-2:00, ARRANGED
 MEETS: MARCH 9-MAY 8
 4862255 50 F 2:10-3:00, ARRANGED
 MEETS: MARCH 9-MAY 8

LINGUISTICS

INTRO STDY LINGUIST LING 101 1 CREDIT
 7490005 A T 3:40-4:30
 MEETS: JAN 12-MAY 8
 INTRO WORLD LANGUAG LING 119 3 CREDITS
 Note: Meets international perspectives reqmt
 6257005 1A MWF 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
 6257010 1B MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

INTR SYMBOLIC LOGIC LING 207 3 CREDITS
 Note: Instructor permission required 1st week.
 8592005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8 BUTLER A
 INTRO LINGUISTICS LING 219 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 8593005 A MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 8593010 B MWF 1:10-2:00
 MEETS: JAN 12-MAY 8 OCKEY G
 Note: SEC B RESTRICTED TO ENGL, LING SOPH & ABOVE
 8593015 C TR 2:10-3:30
 MEETS: JAN 12-MAY 8 GRAY B
 DESCRP ENGL GRAMMAR LING 220 3 CREDITS
 Prereq: ENGL 250
 8594005 A MWF 11:00-11:50
 MEETS: JAN 12-MAY 8 SCHWARTE B
 8594010 B TR 11:00-12:20
 MEETS: JAN 12-MAY 8 ROBERTS D
 8594600 XE ARRANGED
 MEETS: JAN 12-MAY 8 OAKY D
 Note: Section XE is off campus
 Course delivery is WW
 INTRO COMM DISORDER LING 275 3 CREDITS
 8596005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 INTRO CULTUR&LANGUA LING 309 3 CREDITS
 Prereq: ANTHR 201 RECOMMENDED
 Note: Meets international perspectives reqmt
 8599600 XW ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XW is off campus
 LANGUAGE & SOCIETY LING 322X 3 CREDITS
 Prereq: ENGL 219 OR LING 219
 9743005 A MWF 9:00-9:50
 MEETS: JAN 12-MAY 8 SCHWARTE B
 TCH MTH ESL:ORAL CM LING 325X 3 CREDITS
 9745005 A MWF 12:10-1:00
 MEETS: JAN 12-MAY 8 CHAMBERLIN J
 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 1 TR 12:40-2:00
 T 9:00-9:50
 MEETS: JAN 12-MAY 8 EULENSTEIN O
 8601010 2 TR 12:40-2:00
 T 1:10-2:00
 MEETS: JAN 12-MAY 8 EULENSTEIN O
 INTR SPANSH PHONOLG LING 352 3 CREDITS
 Prereq: SPAN 301, SPAN 303, OR SPAN 304
 Note: Meets international perspectives reqmt
 3492005 1 TR 11:00-12:20
 MEETS: JAN 12-MAY 8 DOMINGUEZ J
 3492010 2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8 DOMINGUEZ J
 INTR SPN-ENG INTERP LING 354 3 CREDITS
 Prereq: SPAN 351
 Note: Meets international perspectives reqmt
 9274005 1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8 PARDO-BALLESTER
 PHONETICS&PHONOLOGY LING 371 3 CREDITS
 Prereq: CMDIS 275 OR ENGL 219
 8595005 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 8595600 XW ARRANGED
 MEETS: JAN 12-MAY 8 VENKATAGIRI H
 Note: Section XW is off campus
 Course delivery is WW
 PSYCH OF LANGUAGE LING 413 3 CREDITS
 Prereq: PSYCH 101
 8603005 A1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8 MORRIS A
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 8603010 A2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8 MORRIS A
 Note: SEC A2 RESTRICTED TO LING MAJORS
 8603015 A3 TR 12:40-2:00
 MEETS: JAN 12-MAY 8 MORRIS A
 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 MW 3:10-4:30
 MEETS: JAN 12-MAY 8 WITHERS J

LINGUISTICS

(CONTINUED)

MANAGEMENT

2ND LANG LRNG&TCHNG LING 425 3 CREDITS
 Prereq: ENGL 219, JUNIOR CLASSIFICATION
 9594005 A MW 4:10-5:30 LEVIS G
 MEETS: JAN 12-MAY 8

TOP DIAG CMM DISORD LING 480C 3 CREDITS
 Prereq: CMDIS 275 OR LING 275; CMDIS 371
 OR LING 371; BIOL 255; PERMISSION OF INSTRUCTOR
 9363600 XW ARRANGED VENKATAGIRI H
 MEETS: JAN 12-MAY 8
 Note: TO REGISTER FOR THIS SECTION, PLEASE CONTACT THE
 INSTRUCTOR AT GIRI@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW

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 HEGELHEIMER V
 MEETS: JAN 12-MAY 8
 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 BECKETT G
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

MTH FORML LING ANLY LING 516X 3 CREDITS
 Prereq: ENGL 219 OR LING 219, ENGL 511 OR EQUIV
 9748005 A TR 2:10-3:30 CHUKHAREV-KHUDIL
 MEETS: JAN 12-MAY 8

2ND LANUAGE ASSESSM LING 519 3 CREDITS
 Prereq: ENGL 511
 9070005 A TR 9:30-10:50 OCKEY G
 MEETS: JAN 12-MAY 8

COMPUTNL ANALY ENGL LING 520 3 CREDITS
 Prereq: ENGL 510 AND ENGL 511
 6500005 A TR 12:40-2:00 CHUKHAREV-KHUDIL
 MEETS: JAN 12-MAY 8

CPR-ASSIST LANG LRN LING 526 3 CREDITS
 Prereq: ENGL 511 OR EQUIVALENT
 7280005 A M 6:10-9:00PM RANALLI J
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

DISCOURSE ANALYSIS LING 527 3 CREDITS
 Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 2238005 A TR 11:00-12:20 GRAY B
 MEETS: JAN 12-MAY 8
 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 SLATER T
 MEETS: JAN 12-MAY 8

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

SEMNR TEC&APP LINGU LING 630 3 CREDITS
 Prereq: ENGL 510, ENGL 511
 6567005 A MW 9:30-11:00 CHAPELLE C
 MEETS: JAN 12-MAY 8
 6567010 B MW 3:40-5:00 OAKLEY D
 MEETS: JAN 12-MAY 8

PRACTCM TEC &LINGUI LING 688 3 CREDITS
 Prereq: ENGL 510, ENGL 626, OR EQUIVALENT; AT
 LEAST SECOND YR PH.D. STUDENT IN APPLIED LING &
 TECHNOLOGY
 6574005 A ARRANGED HEGELHEIMER V
 MEETS: JAN 12-MAY 8

ENTREPRENRSHP&INNOV MGMT 310 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, FIN, MGMT, MIS, MKT, OSCM, LSCM, SCM
 MAJORS ONLY. SEC A2,B2,C2 FOR COLLEGES OTHER THAN
 BUSINESS MAJORS.

5318005 A1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 5318010 A2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 5318015 B1 TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 5318020 B2 TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 5318025 C1 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 5318030 C2 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 5318035 D1 TR 6:40-7:55PM
 MEETS: JAN 12-MAY 8
 5318040 D2 TR 6:40-7:55PM
 MEETS: JAN 12-MAY 8

FEASIB ANLY&BUS PLN MGMT 313 3 CREDITS
 Prereq: MGMT 310
 Note: SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, FIN, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS
 ONLY. SEC A2,B2 FOR COLLEGES OTHER THAN BUSINESS
 MAJORS.

6779005 A1 W 6:40-9:25PM
 MEETS: JAN 12-MAY 8
 6779010 A2 W 6:40-9:25PM
 MEETS: JAN 12-MAY 8

INT'L ENTREPRENRSHP MGMT 367 3 CREDITS
 Prereq: JUNIOR STANDING
 Note: COURSE INCLUDES A REQUIRED STUDY ABROAD
 TRIP TO ITALY DURING SPRING BREAK 2015.
 FOR MORE INFORMATION CONTACT DR. HOWARD VANAUKEN
 VANAUKEN@IASTATE.EDU
 Meets international perspectives reqmt

9427005 A TR 11:00-12:15
 MEETS: JAN 12-MAY 8

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS
 Prereq: ECON 101 OR ECON 102 OR EQUIVALENT
 Note: SEC A-G & K RESTRICTED TO ACCT, AN S, AST, AG B
 BUS S, BUS U, BUSEC, DY S, HORT, FIN, FS A, I TEC,
 I BUS, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY.

5282005 A MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 5282010 B MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 5282015 C MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 5282020 D MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 5282025 E TR 8:00-9:15
 MEETS: JAN 12-MAY 8
 5282030 F TR 9:30-10:45
 MEETS: JAN 12-MAY 8
 5282035 G TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 5282040 J MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC J RESTRICTED TO ANY MAJOR OTHER THAN
 BUSINESS COLLEGE

5282045 K TR 8:00-9:15
 MEETS: JAN 12-MAY 8
 5282050 L MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

ORGANIZATNAL BEHAVR MGMT 371 3 CREDITS
 Prereq: MGMT 370
 Note: SEC A1,B1 RESTRICTED ACCT, BUS S, BUS U,
 BUSEC, FIN, MGMT, MIS, MKT, OSCM, LSCM, SCM
 MAJORS ONLY SEC A2,B2 FOR COLLEGES OTHER
 THAN BUS.

5283005 A1 M 6:40-9:25PM
 MEETS: JAN 12-MAY 8
 5283010 A2 M 6:40-9:25PM
 MEETS: JAN 12-MAY 8
 5283015 B1 R 6:40-9:25PM
 MEETS: JAN 12-MAY 8
 5283020 B2 R 6:40-9:25PM
 MEETS: JAN 12-MAY 8

COMPETITIVE STRATGY MGMT 377 3 CREDITS
 Prereq: MGMT 370
 Note: COURSE RESTRICTED MGMT MAJORS ONLY.

5320005 A TR 11:00-12:15
 MEETS: JAN 12-MAY 8
 5320010 B TR 2:10-3:25
 MEETS: JAN 12-MAY 8

MANAGEMENT

(CONTINUED)

INTERNATIONAL MGMT MGMT 414 3 CREDITS
 Note: SEC A1,B1 ETC RESTRICTED TO AG B, I TEC, I BUS, MGMT MAJORS ONLY. EC A2, B2 ECT FOR MAJORS OTHER THAN P BUS, AG B, I TEC, I BUS, MGMT. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 5285005 A1 W 6:40-9:25PM
 MEETS: JAN 12-MAY 8
 5285010 A2 W 6:40-9:25PM
 MEETS: JAN 12-MAY 8
 5285015 B1 TR 8:00-9:15
 MEETS: JAN 12-MAY 8
 5285020 B2 TR 8:00-9:15
 MEETS: JAN 12-MAY 8

SOC RESPONSBLTY BUS MGMT 419 3 CREDITS
 5288005 A MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO BUSINESS MAJORS OTHER THAN P BUS. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

PERS&HUM RESOUR MGT MGMT 471 3 CREDITS
 Prereq: JUNIOR STANDING
 Note: SEC A1,B1 RESTRICTED TO MGMT MAJORS. SEC A2,B2 RESTRICTED MAJORS OTHER MGMT, P BUS.
 COURSE
 5293005 A1 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 5293010 A2 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 5293015 B1 TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 5293020 B2 TR 2:10-3:25
 MEETS: JAN 12-MAY 8

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 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM SCM MAJORS ONLY.
 4444010 A2 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE
 4444015 B1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC B1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM SCM MAJORS ONLY.
 4444020 B2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC B2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE

STRATEGIC MANAGEMNT MGMT 478 3 CREDITS
 Prereq: MGMT 370; ACCT 285; FIN 301; MKT 340; SCM 301; GRADUATING SENIOR
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING 2015 IN THE COLLEGE OF BUSINESS
 5294005 A TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 5294010 B TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 5294015 C TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 5294020 D TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 5294025 E TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 5294030 F TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 5294035 G MW 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 5294040 J MW 6:40-7:55PM
 MEETS: JAN 12-MAY 8
 5294045 K TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 5294050 L T 6:40-9:25PM
 MEETS: JAN 12-MAY 8
 5294055 M MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 5294060 N R 6:40-9:25PM
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY MGMT 490 1- 3 CREDITS
 Prereq: MGMT 370, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PERSONALITY & MGMT MGMT 572 3 CREDITS
 Prereq: GRADUATE STANDING OR PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 9258005 A W 6:00-9:20PM
 MEETS: JAN 15-APRIL 9

MANAGEMENT

(CONTINUED)

STRATEG MGT INNOVAT MGMT 583 3 CREDITS
 Prereq: MGMT 504 OR PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 5816005 A M 6:00-9:20PM
 MEETS: JAN 12-APRIL 6

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 12-MAY 8
 Note: COURSE RESTRICTED TO BUSAD PHD

SEM IN ORGNZ BEHAV MGMT 604 3 CREDITS
 Prereq: ENROLLMENT IN PH D PROGRAM
 7274005 A R 1:10-4:00
 MEETS: JAN 12-MAY 8

MANAGEMENT INFORMATION SYSTEMS

FUND CPTR PROGRAMNG MIS 207 3 CREDITS
 Prereq: MATH 150 OR PLACEMENT INTO MATH 140/MATH 141/MATH 142/MATH 145X OR HIGHER
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 6633005 1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO BUS COLLEGE STUDENTS ONLY
 6633010 2 MWF 9:00-9:50
 W 3:10-4:00
 MEETS: JAN 12-MAY 8
 CAI Y
 6633015 3 MWF 10:00-10:50
 R 3:10-4:00
 MEETS: JAN 12-MAY 8
 ADURI P
 6633600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 MITRA S
 Note: Section XW is off campus
 Course delivery is WWW

MGMT INFO SYSTEMS MIS 301 3 CREDITS
 Prereq: COM S 113 OR BUSAD 150
 4394005 A1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 4394010 A2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 4394015 B1 TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 4394020 B2 TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 4394025 C1 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 4394030 C2 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 4394035 D1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 4394040 D2 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 4394045 E1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 4394050 E2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 4394055 F1 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 4394060 F2 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 4394065 G1 MW 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 4394070 G2 MW 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 4394075 J1 MW 6:40-7:55PM
 MEETS: JAN 12-MAY 8
 4394080 J2 MW 6:40-7:55PM
 MEETS: JAN 12-MAY 8
 4394085 K1 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 4394090 K2 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 4394095 L1 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 4394100 L2 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 4394105 M1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 4394110 M2 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 4394115 N1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 4394120 N2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

INTMD BSNESS PRGRMG MIS 307 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301
 9608005 A1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 9608010 A2 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 9608015 B1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 9608020 B2 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

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 MAJORS EXCEPT
 P BUS.
 5290005 A1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 5290010 A2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 5290015 B1 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 5290020 B2 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8

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.
 5289005 A1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 5289010 A2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 5289015 B1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 5289020 B2 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

PROJECT MANAGEMENT MIS 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301
 4561005 A1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 4561010 A2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 4561015 B1 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 4561020 B2 TR 3:40-5:00
 MEETS: JAN 12-MAY 8

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, FIN,
 LSCM, MGMT, MKT, OSCM, SCM MAJORS ONLY.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION
 6396005 A1 TR 9:30-10:45
 MEETS: JAN 12-MAY 8
 6396010 A2 TR 9:30-10:45
 MEETS: JAN 12-MAY 8

ENTERPRISE SYS&ARCH MIS 445 3 CREDITS
 Prereq: MIS 435
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY
 7696005 A TR 6:40-7:55PM
 MEETS: JAN 12-MAY 8

ADV BUSINSS ANALYTC MIS 446 3 CREDITS
 Prereq: MIS 436
 9113005 A1 TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 9113010 A2 TR 2:10-3:25
 MEETS: JAN 12-MAY 8

INFO SYSTM DEVELPMT MIS 447 3 CREDITS
 Prereq: MIS 407
 5291005 A1 TR 8:00-9:15
 MEETS: JAN 12-MAY 8
 5291010 A2 TR 8:00-9:15
 MEETS: JAN 12-MAY 8

ERP SYS&SUPPLY CHAIN MIS 450 3 CREDITS
 Prereq: SCM 301, MIS 330 OR I E 148, I E 341
 6653005 A1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO SCM UNDERGRADS ONLY
 6653010 A2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR COLLEGE OF BUSINESS MAJORS EXCEPT
 P BUS

INDEPENDENT STUDY MIS 490 1- 3 CREDITS
 Prereq: MIS 301, SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

MANAGEMT INFO SYSTM MIS 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 Note: Department permission required 1st week.
 9126005 A R 8:30-11:50
 MEETS: JAN 15-APRIL 9
 Note: Course delivery is On-site instruction

TELECOMMUNICTNS MGT MIS 535 3 CREDITS
 Prereq: MIS 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8679005 A R 6:00-9:20PM
 MEETS: JAN 15-APRIL 9

PROJECT MANAGEMENT MIS 537 3 CREDITS
 Prereq: MIS 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2187005 A W 6:00-9:20PM
 MEETS: JAN 13-APRIL 7

SPECIAL TOPICS MIS 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES SEMINAR IN MIS MIS 598 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8081005 A T 6:00-9:20PM
 MEETS: JAN 13-APRIL 7

CREATIVE COMPONENT MIS 599 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 SUPERVISORY COMMITTEE CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BEHVRL ISS IS RSRCH MIS 601 3 CREDITS
 Prereq: MIS 501 OR EQUIVALENT, ENROLLMENT IN PHD
 PROGRAM
 Note: COURSE RESTRICTED TO BUSAD PHD
 7511005 A W 9:00-11:50
 MEETS: JAN 12-MAY 8

RESEARCH MIS 699 3- 6 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MARKETING

PRIN OF MARKETING MKT 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN ECON 101
 5352005 A MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.

5352010 B TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC B RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.

5352015 C TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC C RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.

5352020 D MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC D RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.

5352025 E TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC E RESTRICTED TO ANY MAJOR OTHER THAN
 BUSINESS COLLEGE OR AN S, AG B, AG SO, DY S, FS HN,
 HORT, I TEC, AST, P S A

5352030 F MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC F RESTRICTED TO ANY MAJOR OTHER THAN
 BUSINESS COLLEGE OR AN S, AG B, AG SO, DY S, FS HN,
 HORT, I TEC, AST, P S A

5352035 G TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8
 Note: SEC G RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.

5352040 J MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC J RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.

5352045 K TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 Note: SEC K RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.

5352050 L MWF 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC L RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.

5352055 M R 6:40-9:25PM
 MEETS: JAN 12-MAY 8
 Note: SEC M RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,

MARKETING (CONTINUED)

PRIN OF MARKETING MKT 340 3 CREDITS
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.
 5352060 N TR 12:40-2:00
 MEETS: JAN 12-MAY 8

PERSONAL SALES MKT 343 3 CREDITS
 Prereq: MKT 340
 Note: SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, FIN, I BUS, MGMT, MIS, MKT, OSCM, LSCM, SCM
 MAJORS ONLY. SECTIONS A2,B2 FOR COLLEGES OTHER THAN
 BUSINESS.

5354005 A1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

5354010 A2 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

5354015 B1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

5354020 B2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

SPRDSH-BS MKTG MODL MKT 368X 3 CREDITS
 Prereq: MKT 340
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U,
 BUSAD, BUSEC, BUS U, FIN, I BUS, MGMT, MIS, MGMT,
 LSCM, LOMIS, OSCM, SCM, SCIS MAJORS ONLY.

4046005 A TR 12:40-2:00
 MEETS: JAN 12-MAY 8

4046010 B TR 3:40-5:00
 MEETS: JAN 12-MAY 8

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 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

5355010 A2 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

5355015 B1 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

5355020 B2 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

SALES MANAGEMENT MKT 442 3 CREDITS
 Prereq: MKT 340

5357005 A1 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO MKT MAJORS ONLY.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION

5357010 A2 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN MKT, P BUS.
 GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION

STRATEG MRKTING MGT MKT 443 3 CREDITS
 Prereq: MKT 444, MKT 447
 Note: COURSE RESTRICTED TO MKT MAJORS ONLY GRADUATING
 SPRING 2014.

5358005 A MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

5358010 B MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

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 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO MKT UNDERGRADS ONLY.

5359010 B TR 8:00-9:15
 MEETS: JAN 12-MAY 8

5359015 C MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: SEC B RESTRICTED TO MKT UNDERGRADS ONLY.

CUSTOMER RELATN MGT MKT 445 3 CREDITS
 Prereq: MKT 340

9068005 A1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

9068010 A2 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

5362010 A2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

5362015 B1 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

5362020 B2 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

5362025 C1 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8

5362030 C2 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8

MARKETING (CONTINUED)

GLOBAL MARKETING MKT 448 3 CREDITS
 Prereq: MKT 340
 Note: GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.

9609005 A1 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC A1 FOR MKT, I BUS MAJORS WHO ARE NOT
 PARTICIPATING IN SPRING BREAK STUDY TOUR.

9609010 A2 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MKT, I BUS MAJORS WHO ARE
 TRAVELING ON THE SPRING BREAK STUDY TOUR.

MARKETING CHANNELS MKT 451 3 CREDITS
 Prereq: MKT 340
 Note: COURSE RESTRICTED THE MKT MAJORS FRESHMAN
 THROUGH SENIOR.

5823005 A TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8

BRAND MANAGEMENT MKT 453 3 CREDITS
 Prereq: MKT 447
 Note: COURSE RESTRICTED TO MKT MAJORS ONLY

5127005 A TR 11:00-12:15
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY MKT 490 1- 3 CREDITS
 Prereq: MKT 340, SENIOR CLASSIFICATION;
 PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MARKETING MKT 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION

9392005 A W 8:30-11:50
 MEETS: JAN 14-APRIL 8
 Note: RESTRICTED TO BUSAD GRADS ONLY

MARKETING RESEARCH MKT 544 3 CREDITS
 Prereq: MKT 501, BUSAD 502 OR STAT 401
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

5366005 A M 6:00-9:20PM
 MEETS: JAN 12-MAY 8

INTEGRATED MKT COMM MKT 545 3 CREDITS
 Prereq: MKT 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

8040005 W 6:00-9:20PM
 MEETS: JAN 14-APRIL 8

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

MARKETING STRATEGY MKT 602 3 CREDITS
 Prereq: MGMT 601
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

7627005 A M 9:00-11:50
 MEETS: JAN 12-MAY 8

MATERIALS ENGINEERING

STRUCTRL CHARAC MAT MAT E 214 3 CREDITS
 Prereq: MAT E 215, CR OR ENROLLMENT IN PHYS 221

6333005 A MW 12:10-1:00
 R 11:00-1:00, ARRANGED
 MEETS: JAN 12-MAY 8

6333010 B MW 12:10-1:00
 R 1:10-3:00, ARRANGED
 MEETS: JAN 12-MAY 8

6333015 C MW 12:10-1:00
 T 9:00-11:00, ARRANGED
 MEETS: JAN 12-MAY 8

6333020 D MW 12:10-1:00
 T 1:10-3:00, ARRANGED
 MEETS: JAN 12-MAY 8

6333025 E MW 12:10-1:00
 R 9:00-11:00, ARRANGED
 MEETS: JAN 12-MAY 8

6333030 F MW 12:10-1:00
 T 11:00-1:00, ARRANGED
 MEETS: JAN 12-MAY 8

INTRO MTRLS SCI&E I MAT E 215 3 CREDITS
 Prereq: MATH 165; CHEM 177 OR CHEM 167
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY
 BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 273,
 MAT E 392.

7495005 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

INTRO MAT S&E LAB I MAT E 215L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MAT E 215 OR
 MAT E 272 OR MAT E 392; MAJOR IN MATERIALS
 ENGINEERING

7496005 M 11:00-1:50
 MEETS: JAN 12-MAY 8

MATERIALS ENGINEERING (CONTINUED)

MATERIALS ENGINEERING (CONTINUED)

INTRO MATRLS SCI II MAT E 216 4 CREDITS
 Prereq: MAT E 215, CHEM 178, CREDIT OR ENROLLMENT IN PHYS 222
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 7497005 A MWF 10:00-10:50
 M 3:10-5:00
 MEETS: JAN 12-MAY 8
 7497010 B MWF 10:00-10:50
 W 3:10-5:00
 MEETS: JAN 12-MAY 8
 7497015 C MWF 10:00-10:50
 R 3:10-5:00
 MEETS: JAN 12-MAY 8
 7497020 D MWF 10:00-10:50
 T 3:10-5:00
 MEETS: JAN 12-MAY 8
 7497025 E MWF 10:00-10:50
 F 11:00-1:50
 MEETS: JAN 12-MAY 8

GLOBLIZTN & SUSTAINB MAT E 220 3 CREDITS
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 9059005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 9059010 2 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 EXAMS WILL BE FACE TO FACE ON CAMPUS

PRIN MATRLS SCI&ENG MAT E 273 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION; CHEM 167 OR CHEM 177; MATH 165
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 272, MAT E 273, MAT E 392. RESTRICTED TO COLLEGE OF ENGR SOPHOMORES AND ABOVE.
 3814005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

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

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
 6316600 XE ARRANGED NAPOLITANO R
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

KINETC&PHASE EQ MAT MAT E 314 3 CREDITS
 Prereq: MAT E 216, MAT E 311
 6575005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

COMPUT MTHDS MATRLS MAT E 316 3 CREDITS
 Prereq: MAT E 215
 6576005 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 6592010 B MW 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

ELEC&MAGN PROP MTRL MAT E 334 3 CREDITS
 Prereq: MAT E 317
 6596005 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 12-MAY 8

SOLIDIFICATN PROCES MAT E 348 3 CREDITS
 Prereq: I E 248 AND MAT E 273
 4314200 1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 4314005 A T 8:00-9:50
 MEETS: JAN 12-MAY 8
 4314010 B R 8:00-9:50
 MEETS: JAN 12-MAY 8
 4314015 C T 10:00-11:50
 MEETS: JAN 12-MAY 8
 4314020 D R 10:00-11:50
 MEETS: JAN 12-MAY 8
 4314025 E T 1:10-3:00
 MEETS: JAN 12-MAY 8
 4314030 F R 1:10-3:00
 MEETS: JAN 12-MAY 8
 4314035 G M 1:10-3:00
 MEETS: JAN 12-MAY 8

SOLIDIFICATN PROCES MAT E 348 3 CREDITS
 4314040 J W 1:10-3:00
 MEETS: JAN 12-MAY 8
 4314045 K F 1:10-3:00
 MEETS: JAN 12-MAY 8

PRIN NONDESTRC TEST MAT E 362 3 CREDITS
 Prereq: PHYS 112 OR PHYS 222
 5045005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

NONDESTRUC TEST LAB MAT E 362L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MAT E 362
 5046005 A M 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 5046010 B T 3:10-6:00PM
 MEETS: JAN 12-MAY 8

TOYING WITH TECHNOL MAT E 370 3 CREDITS
 Prereq: C I 201 OR C I 202
 5939005 A TR 1:10-3:00
 MEETS: JAN 12-MAY 8

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 R 5:10-6:00PM
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

TOP SUSTN ENG ITALY MAT E 394X 3 CREDITS
 Prereq: CHEM 167 OR CHEM 177
 9687005 T 6:10-8:00PM
 ARRANGED
 MEETS: JAN 12-MAY 8

ENGR INTERNSHIP MAT E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES; JR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC MAT E 398 R CREDIT
 Prereq: MAT E 298, PERMISSN OF DEPRMTNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO PRACTICE II MAT E 414 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 6650005 MWF 10:00-10:50
 ARRANGED
 MEETS: JAN 12-MAY 8

MECHANCL BEHAVR MAT MAT E 418 3 CREDITS
 Prereq: MAT E 216, CREDIT OR ENROLLMENT IN E M 324
 6585005 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

MICROELEC FABRICATN MAT E 432 4 CREDITS
 Prereq: PHYS 222, MATH 267. RECOMMENDED: E E 332 OR MAT E 334.
 6677005 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 12-MAY 8

PHYS MET FERR ALLOY MAT E 443 3 CREDITS
 Prereq: MAT E 214, MAT E 216, CREDIT OR ENROLLMENT IN MAT E 311
 6679005 MW 8:00-8:50
 F 8:00-8:50, ARRANGED
 MEETS: JAN 12-MAY 8

CORROSN&FAILUR ANLY MAT E 444 3 CREDITS
 Prereq: MAT E 216, CREDIT OR ENROLLMENT IN MAT E 418
 6680005 A TR 11:00-11:50
 T 3:10-4:00, ARRANGED
 MEETS: JAN 12-MAY 8
 6680010 B TR 11:00-11:50
 T 4:10-5:00, ARRANGED
 MEETS: JAN 12-MAY 8
 6680015 C TR 11:00-11:50
 T 1:10-2:00, ARRANGED
 MEETS: JAN 12-MAY 8

POLYMR CMPOSIT&PROC MAT E 454 3 CREDITS
 Prereq: MAT E 351
 6683005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

MULTIDISC ENGR DSGN MAT E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 1740005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 12-MAY 8

MATERIALS ENGINEERING

(CONTINUED)

INDEPENDENT STUDY MAT E 490 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC MAT E 498 R CREDIT
Prereq: MAT E 398, PERMISSN OF DEPRTMNT AND
ENGINEERING CAREER SERVICES
***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS SCIENCE & ENGINEERING

BHV&MFG POLYM&CMPOS M S E 521 3 CREDITS
Prereq: M E 324 OR MAT E 272 AND E M 324
5075005 TR 12:30-2:00
MEETS: JAN 12-MAY 8

SOLID STATE SCIENCE M S E 530 3 CREDITS
Prereq: MAT E 334 OR E E 332 OR PHYS 322
5616005 MW 4:10-5:30
MEETS: JAN 12-MAY 8

ELTRN PROPRT MATRLS M S E 539 3 CREDITS
Prereq: E E 332 OR MAT E 331 OR PHYS 322
6246008 TR 9:30-10:50
MEETS: JAN 12-MAY 8
6246600 XE ARRANGED JILES D
MEETS: JAN 12-MAY 8
Note: Section XE is off campus
Course delivery is WWW

FUND NONDESTRU EVAL M S E 550 4 CREDITS
Prereq: E M 324, MATH 385
8550005 1 MWF 2:10-3:00
T 9:00-10:50
MEETS: JAN 12-MAY 8
8550600 XE ARRANGED
MEETS: JAN 12-MAY 8
Note: Section XE is off campus
Course delivery is WWW

CHARACTRZTN METHODS M S E 551 3 CREDITS
Prereq: MAT E 214
1925005 1 MW 10:00-10:50
W 1:10-4:00
MEETS: JAN 12-MAY 8

SCAN&AUGER MICRSCPY M S E 552 3 CREDITS
Prereq: PHYS 222
5092600 XE ARRANGED CHUMBLEY S
MEETS: JAN 12-MAY 8
Note: Section XE is off campus
Course delivery is WWW

POLYMR CMPOSIT&PROC M S E 554 3 CREDITS
Prereq: MAT E 351
3507005 TR 2:10-3:30
MEETS: JAN 12-MAY 8

MCH COMPOSITE MATLS M S E 569 3 CREDITS
Prereq: E M 324
5602005 1 MWF 12:10-1:00
MEETS: JAN 12-MAY 8

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
6399005 R 3:10-4:00
MEETS: JAN 12-MAY 8

POWDR DIFFRACT MTHD M S E 651 3 CREDITS
Prereq: M S E 510
5079005 1 TR 9:30-10:50
MEETS: JAN 12-MAY 8

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 12-MAY 8

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

MATHEMATICS

HIGH SCHOOL ALGEBRA MATH 10 0 CREDITS
Note: DEVELOPMENTAL MATH FEE APPLIES. SEE
HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEE/FEEINFO.HTML
FOR MORE INFORMATION ON THIS FEE.
Instructor permission required 1st week.
Satisfactory-Fail Only.
5115005 A MTRF 11:00-11:50
MEETS: JAN 12-MAY 8
5115010 B MTRF 11:00-11:50
MEETS: JAN 12-MAY 8
5115015 C MTRF 1:10-2:00
MEETS: JAN 12-MAY 8

MATHEMATICS

(CONTINUED)

HIGH SCHOOL ALGEBRA MATH 10 0 CREDITS
5115020 D MTRF 1:10-2:00
MEETS: JAN 12-MAY 8

INTRO TO PROBABILITY MATH 104 3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
Note: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS
EARNED IN MATH 104 CANNOT BE APPLIED TOWARD
GRADUATION BY MATH MAJORS.
5128005 A MWF 10:00-10:50
MEETS: JAN 12-MAY 8

INTRO TO MATH IDEAS MATH 105 3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
EXAM, 2 YRS OF HS ALGEBRA, 1 YEAR OF HS GEOMETRY
Note: CREDITS EARNED IN MATH 105 CANNOT BE APPLIED
TOWARD GRADUATION BY MATH MAJORS
5129005 MWF 9:00-9:50
MEETS: JAN 12-MAY 8

COLLEGE ALGEBRA MATH 140 3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
Note: CREDITS EARNED IN MATH 140 CANNOT BE APPLIED
TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE
COLLEGE OF LIBERAL ARTS AND SCIENCES MAY NOT APPLY
MATH 140 TOWARD THE GEN ED REQUIREMNTS FOR GRADUATION
Night exams scheduled. For dates go to
http://www.registrar.iastate.edu/students/exams/
night-exams.

5132005 A MF 10:00-10:50
T 8:00-8:50
MEETS: JAN 12-MAY 8

5132010 B MF 10:00-10:50
T 10:00-10:50
MEETS: JAN 12-MAY 8

5132015 C MF 10:00-10:50
T 11:00-11:50
MEETS: JAN 12-MAY 8

5132020 D MF 10:00-10:50
T 11:00-11:50
MEETS: JAN 12-MAY 8

5132025 E MF 10:00-10:50
T 1:10-2:00
MEETS: JAN 12-MAY 8

5132030 F MF 10:00-10:50
T 1:10-2:00
MEETS: JAN 12-MAY 8

5132035 G MF 10:00-10:50
T 2:10-3:00
MEETS: JAN 12-MAY 8

5132040 H MF 10:00-10:50
T 2:10-3:00
MEETS: JAN 12-MAY 8

5132045 J MF 10:00-10:50
T 4:10-5:00
MEETS: JAN 12-MAY 8

5132050 K MF 10:00-10:50
T 4:10-5:00
MEETS: JAN 12-MAY 8

5132055 L MF 1:10-2:00
R 1:10-2:00
MEETS: JAN 12-MAY 8

5132060 M MF 1:10-2:00
R 1:10-2:00
MEETS: JAN 12-MAY 8

5132065 N MF 1:10-2:00
R 2:10-3:00
MEETS: JAN 12-MAY 8

5132070 P MF 1:10-2:00
R 2:10-3:00
MEETS: JAN 12-MAY 8

5132075 Q MF 1:10-2:00
R 4:10-5:00
MEETS: JAN 12-MAY 8

5132080 R MF 1:10-2:00
R 4:10-5:00
MEETS: JAN 12-MAY 8

5132085 T MF 1:10-2:00
R 8:00-8:50
MEETS: JAN 12-MAY 8

5132090 U MF 1:10-2:00
R 9:00-9:50
MEETS: JAN 12-MAY 8

5132095 V MF 1:10-2:00
R 10:00-10:50
MEETS: JAN 12-MAY 8

PREP FOR CALCULUS MATH 143X 4 CREDITS

Prereq: ALEKS SCORE OF AT LEAST 50%

7342005 A MW 11:00-11:50
TR 12:10-1:00
MEETS: JAN 12-MAY 8

7342010 B MW 11:00-11:50
TR 12:10-1:00
MEETS: JAN 12-MAY 8

7342015 C MW 11:00-11:50
TR 1:10-2:00
MEETS: JAN 12-MAY 8

7342020 D MW 11:00-11:50
TR 1:10-2:00
MEETS: JAN 12-MAY 8

MATHEMATICS

(CONTINUED)

PREP FOR CALCULUS MATH 143X 4 CREDITS
 7342025 E MW 11:00-11:50
 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 7342030 F MW 11:00-11:50
 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 7342035 G MW 2:10-3:00
 TR 1:10-2:00
 MEETS: JAN 12-MAY 8
 7342040 H MW 2:10-3:00
 TR 1:10-2:00
 MEETS: JAN 12-MAY 8
 7342045 J MW 2:10-3:00
 TR 2:10-3:00
 MEETS: JAN 12-MAY 8
 7342050 K MW 2:10-3:00
 TR 2:10-3:00
 MEETS: JAN 12-MAY 8
 7342055 L MW 2:10-3:00
 TR 4:10-5:00
 MEETS: JAN 12-MAY 8
 7342060 M MW 2:10-3:00
 TR 4:10-5:00
 MEETS: JAN 12-MAY 8
 7342065 N MW 2:10-3:00
 TR 8:00-8:50
 MEETS: JAN 12-MAY 8
 7342070 P MW 2:10-3:00
 TR 9:00-9:50
 MEETS: JAN 12-MAY 8
 7342075 Q MW 2:10-3:00
 TR 11:00-11:50
 MEETS: JAN 12-MAY 8

APPLD TRIGONOMETRY MATH 145X 3 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH
 SCHOOL GEOMETRY, OR ENROLLMENT IN MATH 140
 Note: CREDIT IN EITHER MATH 143X OR MATH 145X, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. STUDENTS IN
 THE LAS COLLEGE MAY NOT APPLY MATH 145X TOWARD THE
 GENERAL EDUCATION REQUIREMENTS.

9173005 A MF 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 9173010 B MF 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 9173015 C MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 9173020 D MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 9173025 E MF 1:10-2:00
 W 3:10-4:00
 MEETS: JAN 12-MAY 8
 9173030 F MF 1:10-2:00
 W 3:10-4:00
 MEETS: JAN 12-MAY 8

DISC MATH BUS&SOC S MATH 150 3 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
 Note: COURSE IS A WORLD WIDE WEB LECTURE. THE
 SCHEDULED HOUR IS FOR LAB SESSIONS ONLY.
 CREDIT FOR EITHER MATH 104 OR MATH 150, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 CREDITS EARNED IN MATH 150 CANNOT BE APPLIED
 TOWARD GRADUATION BY MATH MAJORS.

5135005 A ARRANGED, T 9:00-9:50
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus>

MATHEMATICS

(CONTINUED)

DISC MATH BUS&SOC S MATH 150 3 CREDITS
 /sp/current
 5135040 H ARRANGED
 W 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus>
 /sp/current
 5135045 J ARRANGED
 W 11:00-11:50
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 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 12-MAY 8
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus>
 /sp/current
 5135125 P ARRANGED, R 9:00-9:50
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus>
 /sp/current
 5135135 R ARRANGED, R 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus>
 /sp/current
 5135140 T ARRANGED, R 2:10-3:00
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus>
 /sp/current
 5135145 U ARRANGED, R 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus>
 /sp/current
 5135150 V ARRANGED, R 4:10-5:00
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus>
 /sp/current
 5135155 Y ARRANGED, F 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 5135160 Z ARRANGED
 F 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

BUS & SOC SCI CALC MATH 151 3 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182. CREDITS EARNED IN MATH 151
 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5136005 A MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 12-MAY 8
 5136010 B MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 12-MAY 8
 5136015 C MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 12-MAY 8
 5136020 D MF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 12-MAY 8
 5136025 E MF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 12-MAY 8
 5136030 F MF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 12-MAY 8
 5136040 G MF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 12-MAY 8
 5136090 H MF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 12-MAY 8

MATHEMATICS

(CONTINUED)

MATHEMATICS

(CONTINUED)

BUS & SOC SCI CALC MATH 151 3 CREDITS
 5136045 J MF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 12-MAY 8
 5136050 K MF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 12-MAY 8
 5136055 L MF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 12-MAY 8
 5136060 M MF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 12-MAY 8
 5136065 N MF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 12-MAY 8

SURVEY OF CALCULUS MATH 160 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF HIGH SCHOOL ALGEBRA, 1 YR OF GEOMETRY
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182. IF MATH 165, MATH 160 AND
 MATH 151 ARE TAKEN, ONLY 5 CREDITS CAN BE APPLIED
 TOWARD GRADUATION. CREDITS EARNED IN MATH 160

CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
 5137005 1 MWF 2:10-3:00
 T 8:00-8:50
 MEETS: JAN 12-MAY 8
 5137010 2 MWF 2:10-3:00
 T 8:00-8:50
 MEETS: JAN 12-MAY 8
 5137015 3 MWF 2:10-3:00
 T 9:00-9:50
 MEETS: JAN 12-MAY 8
 5137020 4 MWF 2:10-3:00
 T 9:00-9:50
 MEETS: JAN 12-MAY 8
 5137025 5 MWF 2:10-3:00
 T 10:00-10:50
 MEETS: JAN 12-MAY 8
 5137030 6 MWF 2:10-3:00
 T 10:00-10:50
 MEETS: JAN 12-MAY 8

CALCULUS I MATH 165 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
 GEOMETRY, 1 SEMESTER OF TRIGONOMETRY OR ENROLLMENT IN
 MATH 142/MATH 145X

Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).
 5138005 1 MTRF 8:00-8:50
 MEETS: JAN 12-MAY 8
 5138010 2 MWF 8:00-8:50
 T 1:10-2:00
 MEETS: JAN 12-MAY 8
 5138015 3 MWF 8:00-8:50
 T 1:10-2:00
 MEETS: JAN 12-MAY 8
 5138020 4 MWF 8:00-8:50
 T 2:10-3:00
 MEETS: JAN 12-MAY 8
 5138025 5 MWF 8:00-8:50
 T 2:10-3:00
 MEETS: JAN 12-MAY 8
 5138030 6 MWF 8:00-8:50
 T 3:10-4:00
 MEETS: JAN 12-MAY 8
 5138035 7 MWF 8:00-8:50
 T 3:10-4:00
 MEETS: JAN 12-MAY 8
 5138040 8 MTRF 9:00-9:50
 MEETS: JAN 12-MAY 8
 5138045 9 MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 12-MAY 8
 5138050 10 MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 12-MAY 8
 5138055 11 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 12-MAY 8
 5138060 12 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 12-MAY 8
 5138065 13 MWF 10:00-10:50
 T 12:10-1:00
 MEETS: JAN 12-MAY 8
 5138070 14 MWF 10:00-10:50
 T 12:10-1:00
 MEETS: JAN 12-MAY 8
 5138075 15 MTRF 11:00-11:50
 MEETS: JAN 12-MAY 8
 5138080 16 MTRF 1:10-2:00
 MEETS: JAN 12-MAY 8
 5138085 17 MTRF 1:10-2:00
 MEETS: JAN 12-MAY 8
 5138090 18 MTRF 2:10-3:00
 MEETS: JAN 12-MAY 8

CALCULUS I MATH 165 4 CREDITS
 5138095 19 MWF 2:10-3:00
 R 12:10-1:00
 MEETS: JAN 12-MAY 8
 5138100 20 MWF 2:10-3:00
 R 12:10-1:00
 MEETS: JAN 12-MAY 8
 5138105 21 MWF 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 12-MAY 8
 5138110 22 MWF 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 12-MAY 8
 5138115 23 MWF 2:10-3:00
 R 3:10-4:00
 MEETS: JAN 12-MAY 8
 5138120 24 MWF 2:10-3:00
 R 3:10-4:00
 MEETS: JAN 12-MAY 8
 5138125 25 MTRF 3:10-4:00
 MEETS: JAN 12-MAY 8
 5138130 26 MTRF 4:10-5:00
 MEETS: JAN 12-MAY 8

CALCULUS II MATH 166 4 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 165 OR HIGH
 MATH PLACEMENT SCORES
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182.
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

5139005 1 MTRF 8:00-8:50
 MEETS: JAN 12-MAY 8
 5139010 2 MTRF 9:00-9:50
 MEETS: JAN 12-MAY 8
 5139015 3 MWF 9:00-9:50
 T 8:00-8:50
 MEETS: JAN 12-MAY 8
 5139020 4 MWF 9:00-9:50
 T 8:00-8:50
 MEETS: JAN 12-MAY 8
 5139025 5 MWF 9:00-9:50
 T 8:00-8:50
 MEETS: JAN 12-MAY 8
 5139030 6 MWF 9:00-9:50
 T 8:00-8:50
 MEETS: JAN 12-MAY 8
 5139035 7 MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 12-MAY 8
 5139040 8 MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 12-MAY 8
 5139045 9 MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 12-MAY 8
 5139050 10 MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 12-MAY 8
 5139055 11 MWF 9:00-9:50
 T 10:00-10:50
 MEETS: JAN 12-MAY 8
 5139060 12 MWF 9:00-9:50
 T 10:00-10:50
 MEETS: JAN 12-MAY 8
 5139065 13 MWF 9:00-9:50
 T 10:00-10:50
 MEETS: JAN 12-MAY 8
 5139070 14 MWF 9:00-9:50
 T 10:00-10:50
 MEETS: JAN 12-MAY 8
 5139075 15 MTRF 10:00-10:50
 MEETS: JAN 12-MAY 8
 5139080 16 MTRF 10:00-10:50
 MEETS: JAN 12-MAY 8
 5139085 17 MWF 11:00-11:50
 R 11:00-11:50
 MEETS: JAN 12-MAY 8
 5139090 18 MWF 11:00-11:50
 R 11:00-11:50
 MEETS: JAN 12-MAY 8
 5139095 19 MWF 11:00-11:50
 R 12:10-1:00
 MEETS: JAN 12-MAY 8
 5139100 20 MWF 11:00-11:50
 R 12:10-1:00
 MEETS: JAN 12-MAY 8
 5139105 21 MWF 11:00-11:50
 R 2:10-3:00
 MEETS: JAN 12-MAY 8
 5139110 22 MWF 11:00-11:50
 R 2:10-3:00
 MEETS: JAN 12-MAY 8
 5139115 23 MTRF 12:10-1:00
 MEETS: JAN 12-MAY 8
 5139120 24 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 12-MAY 8
 5139125 25 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 12-MAY 8
 5139130 26 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 12-MAY 8

MATHEMATICS

(CONTINUED)

MATHEMATICS

(CONTINUED)

CALCULUS II MATH 166 4 CREDITS
 5139135 27 MWF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 12-MAY 8

5139140 28 MTRF 1:10-2:00
 MEETS: JAN 12-MAY 8

5139145 29 MTRF 1:10-2:00
 MEETS: JAN 12-MAY 8

5139150 30 MTRF 2:10-3:00
 MEETS: JAN 12-MAY 8

5139155 31 MTRF 3:10-4:00
 MEETS: JAN 12-MAY 8

5139160 32 MWF 4:10-5:00
 R 12:10-1:00
 MEETS: JAN 12-MAY 8

5139165 33 MWF 4:10-5:00
 R 12:10-1:00
 MEETS: JAN 12-MAY 8

5139170 34 MWF 4:10-5:00
 R 1:10-2:00
 MEETS: JAN 12-MAY 8

5139175 35 MWF 4:10-5:00
 R 1:10-2:00
 MEETS: JAN 12-MAY 8

5139180 36 MWF 4:10-5:00
 R 3:10-4:00
 MEETS: JAN 12-MAY 8

5139185 37 MWF 4:10-5:00
 R 3:10-4:00
 MEETS: JAN 12-MAY 8

LIFE SCI CALC&MDL I MATH 181 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH
 SCHOOL GEOMETRY, 1 SEMESTER OF TRIGONOMETRY OR
 ENROLLMENT IN MATH 142/MATH 145X
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182. CREDITS EARNED IN MATH 181
 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
 4531005 MTRF 1:10-2:00
 MEETS: JAN 12-MAY 8

LIFE SCI CALC&MDL II MATH 182 4 CREDITS
 Prereq: MATH 181
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182. CREDITS EARNED IN MATH 182
 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
 1338005 MTRF 9:00-9:50
 MEETS: JAN 12-MAY 8

MATH FOR ELEM ED I MATH 195 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY,
 ENROLLMENT IN ELEM ED OR EARLY CHILDHOOD EDUCATION
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS.
 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](http://www.registrar.iastate.edu/students/exams/night-exams).

5144005 A MWF 8:00-9:20
 MEETS: JAN 12-MAY 8

5144010 B MWF 9:30-10:50
 MEETS: JAN 12-MAY 8

5144015 C MWF 11:00-12:20
 MEETS: JAN 12-MAY 8

5144020 D MWF 12:40-2:00
 MEETS: JAN 12-MAY 8

5144025 E MWF 2:10-3:30
 MEETS: JAN 12-MAY 8

MATH FOR ELEM ED II MATH 196 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 195 AND
 ENROLLMENT IN ELEMENTARY EDUCATION OR EARLY CHILDHOOD
 EDUCATION.
 Note: CREDITS EARNED IN MATH 196 CANNOT BE APPLIED
 TOWARD GRADUATION BY MATH MAJORS
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

8125005 A MWF 8:00-9:20
 MEETS: JAN 12-MAY 8

8125010 B MWF 9:30-10:50
 MEETS: JAN 12-MAY 8

8125020 C MWF 11:00-12:20
 MEETS: JAN 12-MAY 8

8125015 D MWF 12:40-2:00
 MEETS: JAN 12-MAY 8

8125030 E MWF 2:10-3:30
 MEETS: JAN 12-MAY 8

8125035 F MWF 3:40-4:55
 MEETS: JAN 12-MAY 8

INTRO TO PROOFS MATH 201 3 CREDITS
 Prereq: MATH 166 OR MATH 166H
 6998005 A MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

6998010 B MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

6998015 C MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

6998020 D MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

5161010 B MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

CALCULUS III MATH 265 4 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH
 166H

5151005 1 MTRF 8:00-8:50
 MEETS: JAN 12-MAY 8

5151010 2 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 12-MAY 8

5151015 3 MWF 8:00-8:50
 R 9:00-9:50
 MEETS: JAN 12-MAY 8

5151020 4 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 12-MAY 8

5151025 5 MTRF 9:00-9:50
 MEETS: JAN 12-MAY 8

5151030 6 MTRF 9:00-9:50
 MEETS: JAN 12-MAY 8

5151035 7 MWF 10:00-10:50
 T 8:00-8:50
 MEETS: JAN 12-MAY 8

5151040 8 MWF 10:00-10:50
 T 8:00-8:50
 MEETS: JAN 12-MAY 8

5151045 9 MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 12-MAY 8

5151050 10 MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 12-MAY 8

5151055 11 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 12-MAY 8

5151060 12 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 12-MAY 8

5151065 13 MTRF 11:00-11:50
 MEETS: JAN 12-MAY 8

5151070 14 MWF 12:10-1:00
 T 12:10-1:00
 MEETS: JAN 12-MAY 8

5151075 15 MWF 12:10-1:00
 T 12:10-1:00
 MEETS: JAN 12-MAY 8

5151080 16 MWF 12:10-1:00
 T 2:10-3:00
 MEETS: JAN 12-MAY 8

5151085 17 MWF 12:10-1:00
 T 2:10-3:00
 MEETS: JAN 12-MAY 8

5151090 18 MWF 12:10-1:00
 T 3:10-4:00
 MEETS: JAN 12-MAY 8

5151095 19 MWF 12:10-1:00
 T 3:10-4:00
 MEETS: JAN 12-MAY 8

5151100 20 MTRF 2:10-3:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

ELEM DIFF EQUATNS MATH 266 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH
 166H
 Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267,
 MATH 266, MATH 269X.

5152005 A MWF 8:00-8:50
 MEETS: JAN 12-MAY 8

5152010 B MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

5152015 C MTRF 10:00-10:50
 MEETS: JAN 12-APRIL 6

MATHEMATICS

(CONTINUED)

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.

5153005 1 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 12-MAY 8

5153010 2 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 12-MAY 8

5153015 3 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 12-MAY 8

5153020 4 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 12-MAY 8

5153025 5 MWF 8:00-8:50
 R 11:00-11:50
 MEETS: JAN 12-MAY 8

5153030 6 MWF 8:00-8:50
 R 11:00-11:50
 MEETS: JAN 12-MAY 8

5153035 7 MWF 10:00-10:50
 R 8:00-8:50
 MEETS: JAN 12-MAY 8

5153040 8 MWF 10:00-10:50
 R 8:00-8:50
 MEETS: JAN 12-MAY 8

5153045 9 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 12-MAY 8

5153050 10 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 12-MAY 8

5153055 11 MWF 10:00-10:50
 R 11:00-11:50
 MEETS: JAN 12-MAY 8

5153060 12 MWF 10:00-10:50
 R 11:00-11:50
 MEETS: JAN 12-MAY 8

5153065 13 MTRF 10:00-10:50
 MEETS: JAN 12-MAY 8

5153070 14 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 12-MAY 8

5153075 15 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 12-MAY 8

5153080 16 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 12-MAY 8

5153085 17 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 12-MAY 8

5153090 18 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 12-MAY 8

5153095 19 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 12-MAY 8

5153100 20 MWF 4:10-5:00
 R 11:00-11:50
 MEETS: JAN 12-MAY 8

5153105 21 MWF 4:10-5:00
 R 11:00-11:50
 MEETS: JAN 12-MAY 8

5153110 22 MWF 4:10-5:00
 R 12:10-1:00
 MEETS: JAN 12-MAY 8

5153115 23 MWF 4:10-5:00
 R 12:10-1:00
 MEETS: JAN 12-MAY 8

5153120 24 MWF 4:10-5:00
 R 2:10-3:00
 MEETS: JAN 12-MAY 8

5153125 25 MWF 4:10-5:00
 R 2:10-3:00
 MEETS: JAN 12-MAY 8

LAPLACE TRANSFORMS MATH 268 1 CREDIT
 Prereq: MATH 266
 Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

5154005 ARRANGED
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY MATH 290 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.

5156005 A ARRANGED
 MEETS: JAN 12-MAY 8

5156010 B ARRANGED
 MEETS: APRIL 27-MAY 8

MATHEMATICS

(CONTINUED)

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 12-MAY 8

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 12-MAY 8

5158010 B MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

ABSTRACT ALGEBRA II MATH 302 3 CREDITS
 Prereq: MATH 301

5159005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

GRAPHS 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 12-MAY 8

THRY LINEAR ALGEBRA MATH 317 4 CREDITS
 Prereq: MATH 166; 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 12-MAY 8

7872010 B MTRF 2:10-3:00
 MEETS: JAN 12-MAY 8

INTR THY PROBAB&S I MATH 341 3 CREDITS
 Prereq: MATH 265 (OR MATH 265H)
 Note: CREDIT FOR EITHER MATH/STAT 341 OR STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

5166005 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

INTR THY PR&STAT II MATH 342 3 CREDITS
 Prereq: STAT 341; MATH 307 OR MATH 317

5167005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

NUMBER THEORY MATH 350 3 CREDITS
 Prereq: MATH 166

5177005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

COMPLEX VARIABLES MATH 365 3 CREDITS
 Prereq: MATH 265

5168005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

UNIV MATH TCH SECYD MATH 397 3 CREDITS
 Prereq: MATH 201, MATH 301

7521005 A MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

7521010 B ARRANGED
 MEETS: JAN 12-MAY 8

ANALYSIS I MATH 414 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 201

5171005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

ANALYSIS II MATH 415 3 CREDITS
 Prereq: MATH 414; MATH 265; MATH 317 OR MATH 407

5172005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

GEOMETRY II MATH 436 3 CREDITS
 Prereq: MATH 435

5176005 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

NUMRC MTHDS DIFF EQ MATH 481 3 CREDITS
 Prereq: MATH 265 AND EITHER MATH 266 OR MATH 267; KNOWLEDGE OF A PROGRAMMING LANGUAGE

5180005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

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. TOPIC: FINANCIAL MATHEMATICS.

5182005 ARRANGED
 MEETS: JAN 12-MAY 8

5182010 B ARRANGED
 MEETS: JAN 12-MAY 8

MATHEMATICS (CONTINUED)

UNDERGRAD THESIS MATH 491 2- 3 CREDITS
 Note: Department permission required.
 5184005 ARRANGED
 MEETS: JAN 12-MAY 8

UNDERGRAD SEMINAR MATH 492 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6698005 M 3:10-5:00
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN MATH 498 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4552005 ARRANGED
 MEETS: JAN 12-MAY 8

TOPOLOGY MATH 502 3 CREDITS
 Prereq: MATH 414 OR MATH 501
 4958005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

ABSTRACT ALGEBRA II MATH 505 3 CREDITS
 Prereq: MATH 504
 5187005 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

FNCT SNGL CMLX VAR MATH 511 3 CREDITS
 Prereq: MATH 414 OR MATH 501
 5192005 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

REAL ANALYSIS II MATH 516 3 CREDITS
 Prereq: MATH 515
 8868005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

FINITE DIFFRNC MTHD MATH 517 3 CREDITS
 Prereq: MATH 481 OR MATH 561
 6101005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

MTH APPLIED MATH II MATH 520 3 CREDITS
 Prereq: MATH 519
 2297005 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

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 TR 11:00-1:00
 MEETS: JAN 12-MAY 8

CRYPTOGRAPHY MATH 533 3 CREDITS
 Prereq: MATH 301 OR CPR E 310 OR COM S 330
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 6191005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

NUMERICAL ANALYS II MATH 562 3 CREDITS
 Prereq: MATH 317
 7503005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

NONLINEAR SYSTEMS MATH 578 3 CREDITS
 Prereq: E E 577
 8195005 MW 4:10-5:30
 MEETS: JAN 12-MAY 8
 8195600 XE ARRANGED VAIDYA U
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

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 12-MAY 8

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

ENUM COM&ORDRD SETS MATH 606 3 CREDITS
 Prereq: MATH 504
 8888005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

THY ALGEBR STRUC II MATH 616 3 CREDITS
 Prereq: MATH 615
 9265005 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

MATHEMATICS (CONTINUED)

MANIFOLDS,DIFF GEOM MATH 624 3 CREDITS
 Prereq: MATH 501 OR MATH 515
 5218005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

ADV PROBABILTY THRY MATH 642 3 CREDITS
 Prereq: STAT 542; MATH 641 OR MATH 515
 3530005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

ADV STOCHAST PROCES MATH 645 3 CREDITS
 5215005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

MATH MODEL PHYSC SY MATH 646 3 CREDITS
 1822005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

PARTIAL DIFF EQ II MATH 656 3 CREDITS
 Prereq: MATH 655
 5228005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

ADV TOPCS DIFV EQUA MATH 680E 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 5243005 WF 4:10-5:30
 MEETS: JAN 12-MAY 8

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

MECHANICAL ENGINEERING

PROBLM SOLV WTH CPR M E 160 3 CREDITS
 Prereq: MATH 142/MATH 145X OR SATISFACTORY
 SCORES ON MATH PLACEMENT EXAMINATIONS; CREDIT OR
 ENROLLMENT IN MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: 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
 9082005 1 MW 8:00-9:50
 MEETS: JAN 12-MAY 8
 9082010 2 MW 10:00-11:50
 MEETS: JAN 12-MAY 8
 9082015 3 MW 2:10-4:00
 MEETS: JAN 12-MAY 8
 9082020 4 MW 12:10-2:00
 MEETS: JAN 12-MAY 8
 9082025 5 MW 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 9082030 6 TR 8:00-9:50
 MEETS: JAN 12-MAY 8
 9082035 7 MW 8:00-9:50
 MEETS: JAN 12-MAY 8
 9082040 8 TR 8:00-9:50
 MEETS: JAN 12-MAY 8

ENG GRPHC&INTR DSGN M E 170 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 142/
 MATH 145X; SATISFACTORY SCORES ON MATHEMATICS
 PLACEMENT ASSESSMENTS
 Note: EVENING GROUP/PROJECT PRESENTATION-
 MEETING MARCH 3RD 6-7 PM
 8346005 1 MW 8:00-9:50, ARRANGED
 MEETS: JAN 12-MAY 8
 8346010 2 MW 10:00-11:50
 ARRANGED
 MEETS: JAN 12-MAY 8
 8346015 3 MW 12:10-2:00
 ARRANGED
 MEETS: JAN 12-MAY 8
 8346020 4 MW 2:10-4:00, ARRANGED
 MEETS: JAN 12-MAY 8
 8346025 5 TR 10:00-11:50
 ARRANGED
 MEETS: JAN 12-MAY 8
 8346030 6 TR 12:10-2:00
 ARRANGED
 MEETS: JAN 12-MAY 8
 8346035 7 MW 4:10-6:00PM
 ARRANGED
 MEETS: JAN 12-MAY 8
 8346040 8 TR 8:00-9:50, ARRANGED
 MEETS: JAN 12-MAY 8
 8346045 9 TR 2:10-4:00, ARRANGED
 MEETS: JAN 12-MAY 8
 8346050 10 MW 8:00-9:50, ARRANGED
 MEETS: JAN 12-MAY 8

LEARNING COMMUNITIE M E 190 1 CREDIT
 7612005 1 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 7612010 2 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 7612015 3 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 7612020 4 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 7612025 5 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 7612030 6 TR 3:10-4:00
 MEETS: JAN 12-MAY 8

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

LEARNING COMMUNITIE M E 190 1 CREDIT
 7612035 7 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 7612040 8 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 7612045 9 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 7612050 10 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 7612055 11 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 7612060 12 TR 3:10-4:30
 MEETS: JAN 12-MAY 8

MECH ENGR PRO PLAN M E 202 R CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 4870005 A R 2:10-3:00
 MEETS: JAN 12-MAY 8

GLOBLIZTN & SUSTAINB M E 220 3 CREDITS
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT
 TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 9058005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 9058010 2 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 EXAMS WILL BE FACE TO FACE ON CAMPUS
 Course delivery is WWW

ENGR THERMODYNAMICS I M E 231 3 CREDITS
 Prereq: MATH 265, CHEM 167, PHYS 222
 Note: COURSE RESTRICTED TO ENGR COLLEGE STUDENTS ONLY.
 CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION.
 4877005 A MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 4877010 B MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 4877015 C MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 4877020 D TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 4877025 E MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

INTR MCH ENG DESIGN M E 270 3 CREDITS
 Prereq: M E 170 OR EQUIVALENT, PHYS 221
 Note: COURSE RESTRICTED TO M E MAJORS ONLY.
 6270005 A T 2:10-3:00
 MWF 8:00-9:50
 MEETS: JAN 12-MAY 8
 6270010 B T 2:10-3:00
 MWF 10:00-11:50
 MEETS: JAN 12-MAY 8
 6270015 C T 2:10-3:00
 MWF 12:10-2:00
 MEETS: JAN 12-MAY 8
 6270020 D T 2:10-3:00
 MWF 2:10-4:00
 MEETS: JAN 12-MAY 8
 6270025 E T 2:10-3:00
 MWF 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 6270030 F T 2:10-3:00
 MWF 6:10-8:00PM
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN M E 298 R CREDIT
 Prereq: PERMISSION OF DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANUFACTURING ENGR M E 324 3 CREDITS
 Prereq: M E 270, E M 324, MAT E 273, M E 324L
 6277005 A MWF 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO M E AND A E MAJORS ONLY.
 6277010 B MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

MFG ENGINEERING LAB M E 324L 1 CREDIT
 Prereq: M E 270, MAT E 273
 4270005 1 T 10:00-11:50
 MEETS: JAN 12-MAY 8
 4270010 2 R 10:00-11:50
 MEETS: JAN 12-MAY 8
 4270015 3 T 1:10-3:00
 MEETS: JAN 12-MAY 8
 4270020 4 R 1:10-3:00
 MEETS: JAN 12-MAY 8
 4270025 5 T 3:10-5:00
 MEETS: JAN 12-MAY 8
 4270030 6 R 3:10-5:00
 MEETS: JAN 12-MAY 8
 4270035 7 T 8:00-9:50
 MEETS: JAN 12-MAY 8
 4270040 8 R 8:00-9:50
 MEETS: JAN 12-MAY 8
 4270045 9 W 1:10-3:00
 MEETS: JAN 12-MAY 8
 4270050 10 W 9:00-10:50
 MEETS: JAN 12-MAY 8
 4270055 11 W 11:00-12:50
 MEETS: JAN 12-MAY 8

MFG ENGINEERING LAB M E 324L 1 CREDIT
 4270060 12 M 1:10-3:00
 MEETS: JAN 12-MAY 8
 4270065 13 M 3:10-5:00
 MEETS: JAN 12-MAY 8
 4270070 14 W 3:10-5:00
 MEETS: JAN 12-MAY 8
 4270075 15 F 8:00-9:50
 MEETS: JAN 12-MAY 8
 4270080 16 F 10:00-11:50
 MEETS: JAN 12-MAY 8

MECH COMPONENT DSGN M E 325 3 CREDITS
 Prereq: M E 170, E M 324, STAT 305
 Note: COURSE RESTRICTED TO M E AND A E MAJORS ONLY
 6287005 A MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 6287010 B TR 9:30-10:45
 MEETS: JAN 12-MAY 8

ENGR THERMODYNAMICS II M E 332 3 CREDITS
 Prereq: M E 231
 Note: COURSE RESTRICTED TO M E MAJORS ONLY
 4878005 A MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 4878010 B MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 4878015 C MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

FLUID FLOW M E 335 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN M E 332, E M 345,
 MATH 266 OR MATH 267
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. RESTRICTED TO
 M E MAJORS ONLY.
 5703005 A TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 5703010 B MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 5703020 1 T 8:00-9:50
 MEETS: JAN 12-MAY 8
 5703025 2 T 10:00-11:50
 MEETS: JAN 12-MAY 8
 5703030 3 T 2:10-4:00
 MEETS: JAN 12-MAY 8
 5703035 4 T 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 5703040 5 W 8:00-9:50
 MEETS: JAN 12-MAY 8
 5703045 6 W 10:00-11:50
 MEETS: JAN 12-MAY 8
 5703050 7 W 12:10-2:00
 MEETS: JAN 12-MAY 8
 5703055 8 W 2:10-4:00
 MEETS: JAN 12-MAY 8
 5703060 9 W 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 5703065 10 R 8:00-9:50
 MEETS: JAN 12-MAY 8
 5703070 11 R 10:00-11:50
 MEETS: JAN 12-MAY 8
 5703075 12 R 2:10-4:00
 MEETS: JAN 12-MAY 8
 5703080 13 R 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 5703085 14 F 8:00-9:50
 MEETS: JAN 12-MAY 8
 5703090 15 F 10:00-11:50
 MEETS: JAN 12-MAY 8

ENGINRNG MEASUREMNTS M E 370 3 CREDITS
 Prereq: E E 442, STAT 305
 Note: RESTRICTED TO M E MAJORS ONLY.
 4881005 A MW 8:00-8:50
 MEETS: JAN 12-MAY 8
 4881010 1 R 9:00-11:50
 MEETS: JAN 12-MAY 8
 4881015 2 R 12:10-3:00
 MEETS: JAN 12-MAY 8
 4881020 3 R 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 4881025 4 T 12:10-3:00
 MEETS: JAN 12-MAY 8
 4881030 5 T 9:00-11:50
 MEETS: JAN 12-MAY 8
 4881035 6 T 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 4881040 7 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 4881045 8 M 12:10-3:00
 MEETS: JAN 12-MAY 8
 4881050 9 W 9:00-11:50
 MEETS: JAN 12-MAY 8
 4881055 10 W 12:10-3:00
 MEETS: JAN 12-MAY 8
 4881060 11 M 3:10-6:00PM
 MEETS: JAN 12-MAY 8

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

ENGR INTERNSHIP M E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E 398 R CREDIT
 Prereq: M E 298, PERMISSN OF DEPRMTNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD ENG:HUM-CTR DSN M E 402X 3 CREDITS
 Prereq: M E 401X
 Note: Meets international perspectives reqmt
 9734005 ARRANGED
 MEETS: JAN 12-MAY 8

MECHANICAL SYST DSN M E 415 3 CREDITS
 Prereq: M E 324, M E 325
 4888005 A TR 8:00-10:50
 MEETS: JAN 12-MAY 8
 4888010 B TR 11:00-1:50
 MEETS: JAN 12-MAY 8
 4888015 C TR 2:10-5:00
 MEETS: JAN 12-MAY 8
 4888020 D TR 5:10-8:00PM
 MEETS: JAN 12-MAY 8

ADV MACHINE DESIGN M E 417 3 CREDITS
 Prereq: M E 325, MAT E 273
 7636005 A MW 2:10-3:25
 MEETS: JAN 12-MAY 8

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 12-MAY 8

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
 MEETS: JAN 12-MAY 8
 6310006 B TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 6310010 1 R 10:00-11:50
 MEETS: JAN 12-MAY 8
 6310015 2 W 1:10-3:00
 MEETS: JAN 12-MAY 8
 6310020 3 T 2:10-4:00
 MEETS: JAN 12-MAY 8
 6310025 4 R 2:10-4:00
 MEETS: JAN 12-MAY 8
 6310030 5 W 11:00-12:50
 MEETS: JAN 12-MAY 8
 6310035 6 R 12:10-2:00
 MEETS: JAN 12-MAY 8
 6310040 7 T 10:00-11:50
 MEETS: JAN 12-MAY 8
 6310045 8 W 9:00-10:50
 MEETS: JAN 12-MAY 8
 6310050 9 F 11:00-12:50
 MEETS: JAN 12-MAY 8
 6310055 10 W 3:10-5:00
 MEETS: JAN 12-MAY 8
 6310060 11 T 12:10-2:00
 MEETS: JAN 12-MAY 8
 6310065 12 F 9:00-10:50
 MEETS: JAN 12-MAY 8
 6310070 13 F 1:10-3:00
 MEETS: JAN 12-MAY 8

HEAT TRANSFER M E 436 4 CREDITS
 Prereq: M E 335
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. RESTRICTED TO M E, CON E, A E MAJORS.
 5711005 A MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 5711010 B MWF 12:10-1:00
 MEETS: JAN 12-MAY 8
 5711015 1 T 1:10-3:00
 MEETS: JAN 12-MAY 8
 5711020 2 T 3:10-5:00
 MEETS: JAN 12-MAY 8
 5711025 3 W 9:00-10:50
 MEETS: JAN 12-MAY 8
 5711030 4 R 1:10-3:00
 MEETS: JAN 12-MAY 8
 5711035 5 R 3:10-5:00
 MEETS: JAN 12-MAY 8
 5711040 6 W 1:10-3:00
 MEETS: JAN 12-MAY 8
 5711045 7 W 3:10-5:00
 MEETS: JAN 12-MAY 8
 5711050 8 T 10:00-11:50
 MEETS: JAN 12-MAY 8
 5711055 9 R 10:00-11:50
 MEETS: JAN 12-MAY 8
 5711060 10 F 9:00-10:50
 MEETS: JAN 12-MAY 8
 5711065 11 F 11:00-12:50
 MEETS: JAN 12-MAY 8
 5711070 12 W 11:00-12:50
 MEETS: JAN 12-MAY 8
 5711075 13 F 1:10-3:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

HEAT&AIR COND DSGN M E 442 3 CREDITS
 Prereq: M E 441
 4893005 1 MWF 2:10-4:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

MULTIDISC ENGR DSGN M E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 1903005 A MW 4:10-5:00, ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

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

COOPERATIVE EDUC M E 498 R CREDIT
 Prereq: M E 298, PERMISSN OF DEPRMTNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

ECN&POLCY ENRGY SYS M E 510X 3 CREDITS
 Prereq: GRADUATE STANDING
 9732005 A TR 3:40-4:55
 MEETS: JAN 12-MAY 8
 9732600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

ADV MACHINE DESIGN M E 517 3 CREDITS
 Prereq: M E 325, MAT E 273
 8809005 A MW 2:10-3:25
 MEETS: JAN 12-MAY 8

MECH CONSID ROBOTCS M E 518 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN M E 421
 7960005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

BHV&MFG POLYM&CMPOS M E 521 3 CREDITS
 Prereq: M E 324 OR MAT E 272 AND E M 324
 4926005 TR 12:30-2:00
 MEETS: JAN 12-MAY 8

MECH MACHIN&FINISHG M E 527 3 CREDITS
 Prereq: M E 324
 8269005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

MICRO/NANOMANUFCTRG M E 528 3 CREDITS
 Prereq: M E 324
 1068005 TR 9:30-10:45
 MEETS: JAN 12-MAY 8

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

COMPRESBL FLUID FLO M E 532 3 CREDITS
 Prereq: AER E 311 OR M E 335
 6272600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

ADV HEAT TRANSFER M E 536 3 CREDITS
 Prereq: M E 436
 4933005 A MW 3:10-4:30
 MEETS: JAN 12-MAY 8

NANOSCA HEAT TRNSFR M E 539X 3 CREDITS
 Prereq: ANY UNDERGRAD COURSE ON THERMODYNAMICS OR
 HEAT TRANSFER OR TRANSPORT PHENOMENA OR SOLID STATE
 PHYSICS
 9751005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

ADVANCED COMBUSTION M E 542 3 CREDITS
 Prereq: M E 332 OR CH E 381
 4937005 A TR 2:10-3:30
 MEETS: JAN 12-MAY 8

INTR RANDM VIB&NONL M E 543 3 CREDITS
 Prereq: E M 444
 2807005 1 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

FLU MECH&HEAT TR II M E 547 3 CREDITS
 Prereq: AER E 546 OR AER E 546
 4940005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 4940600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

MICRO&NANO MECHNICS M E 563 3 CREDITS
 Prereq: E M 324, M E 325
 8148005 TR 3:40-5:00
 MEETS: JAN 12-MAY 8

OPTIMAL CONTROL M E 574 3 CREDITS
 Prereq: E E 577
 8197005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 8197600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

DIGIT FEEDBCK CNTRL M E 576 3 CREDITS
 Prereq: E E 475 OR AER E 432 OR M E 411 OR M E
 414 OR MATH 415; AND MATH 267
 8198005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

NONLINEAR SYSTEMS M E 578 3 CREDITS
 Prereq: E E 577
 8200005 MW 4:10-5:30
 MEETS: JAN 12-MAY 8
 8200600 XE ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

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

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

SEMINAR M E 600 R CREDIT
 4964005 A ARRANGED
 MEETS: JAN 12-MAY 8

MULTIPHASE FLOW M E 632 3 CREDITS
 Prereq: M E 538
 4967005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

ADV TOP LIT INVESTG M E 690Q VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 12-MAY 8

RESEARCH M E 699 VAR. CREDITS
 ***** Satisfactory-Fail Only.
 SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY

EARTH,WIND&F ORIENT MTEOR 113X .5 CREDIT
 Note: COURSE MEETS EVERY OTHER WEEK
 9777005 M 4:10-5:00
 MEETS: JAN 12-MAY 8

WORLD WATER RESOURC MTEOR 160 3 CREDITS
 Note: Meets international perspectives regmt
 3242005 MWF 9:00-9:50 FRANZ K
 MEETS: JAN 12-MAY 8

INTRO WEATHER&CLIMT MTEOR 206 3 CREDITS
 5375005 MWF 2:10-3:00 FLORY D
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN MTEOR 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4813005 ARRANGED
 MEETS: JAN 12-MAY 8

GEN METEOROLOGY I MTEOR 301 4 CREDITS
 Prereq: MATH 166, CREDIT OR ENROLLMT IN PHYS 222
 5376005 1 MTWF 9:00-9:50 FLORY D
 MEETS: JAN 12-MAY 8

METEOROL INTERNSHIP MTEOR 321 1- 2 CREDITS
 Prereq: MTEOR 311; JR OR SR STANDING; PERMISSION
 OF COOP PROGRM COORD; ACCEPTANCE BY SPONSORING AGENCY
 Satisfactory-Fail Only.
 5381005 ARRANGED
 MEETS: JAN 12-MAY 8
 WU X

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 12-MAY 8

ATMOSPH PHYSICS II MTEOR 342 3 CREDITS
 Prereq: MTEOR 341
 5383005 MWF 10:00-10:50 WU X
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN MTEOR 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4823005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

GLOBAL CHANGE MTEOR 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 8141005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 12-MAY 8
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR ENSCA,
 ENSCS AND GE AT MAJORS ONLY
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

ENVIRONM BIOPHYSICS MTEOR 405 3 CREDITS
 Prereq: MATH 165 OR MATH 182 OR EQUIVALENT AND
 SOME COMPUTER PROGRAMMING EXPERIENCE (ANY LANGUAGE)
 6958005 TR 11:00-12:30 HORNBUCKLE B
 MEETS: JAN 12-MAY 8

METEOROLOGY (CONTINUED)

METEOROLOGY (CONTINUED)

WORLD CLIMATES MTEOR 406 3 CREDITS
 Prereq: AGRON 206/MTEOR 206
 Note: Meets international perspectives reqmt
 5384005 TR 9:30-10:50 ARRIITT R
 MEETS: JAN 12-MAY 8

HYDROLGC MDLNG&ANLY MTEOR 416 3 CREDITS
 Prereq: FOUR COURSES IN EARTH SCI, METEOROLOGY,
 OR ENGINEERING; JUNIOR STANDING
 8600005 MW 11:00-11:50 FRANZ K
 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

MESOSCA FORECAS LAB MTEOR 417 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 411
 5389005 TR 2:10-4:30 GALLUS W
 MW 2:30-3:00 GALLUS W
 MEETS: JAN 12-MAY 8

INSTRUMNT&MEASURMNT MTEOR 432 3 CREDITS
 Prereq: CR OR ENR IN STAT 105, MATH 266, PHYS 222
 5377005 MW 3:10-4:00 BERESNEV I
 F 3:10-5:00 FLORY D
 MEETS: JAN 12-MAY 8

DYNAMIC METEOROLG I MTEOR 443 3 CREDITS
 Prereq: MTEOR 341
 5385005 MWF 1:10-2:00 CHEN T
 MEETS: JAN 12-MAY 8

SATELL RMT SENS LAB MTEOR 489L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489X
 OR MTEOR 589X OR GEOL 489X OR GEOL 589X OR NREM 489
 OR NREM 589X OR E E 489X
 5208005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

SURV REMOTE SNS TEC MTEOR 489X 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 6470005 1 TR 9:30-10:50 AANSTOOS J
 MEETS: JAN 12-MAY 8

IND STUDY SYNOPTIC MTEOR 490A 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8424005 ARRANGED GALLUS W
 MEETS: JAN 12-MAY 8

INDEP STUDY DYNAMIC MTEOR 490B 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8425005 ARRANGED GUTOWSKI W
 MEETS: JAN 12-MAY 8

IND STUDY PHYSICAL MTEOR 490C 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8426005 ARRANGED WU X
 MEETS: JAN 12-MAY 8
 8426010 2 ARRANGED TAKLE G
 MEETS: JAN 12-MAY 8

IND STU INSTRUMENTN MTEOR 490D 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 1010005 ARRANGED TAKLE G
 MEETS: JAN 12-MAY 8

IND STUDY HYDROLOGY MTEOR 490E 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8668005 ARRANGED FRANZ K
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN MTEOR 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4824005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

GLOBAL CHANGE MTEOR 504 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES
 OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING
 8142005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 12-MAY 8

ENVIRONM BIOPHYSICS MTEOR 505 3 CREDITS
 Prereq: MATH 165 OR MATH 182 OR EQUIVALENT AND
 SOME COMPUTER PROGRAMMING EXPERIENCE (ANY LANGUAGE)
 5393005 TR 11:00-12:30 HORNBUCKLE B
 MEETS: JAN 12-MAY 8

HYDROLGC MDLNG&ANLY MTEOR 516 3 CREDITS
 Prereq: FOUR COURSES IN EARTH SCI, METEOROLOGY,
 OR ENGINEERING; JUNIOR CLASSIFICATION
 8609005 MW 11:00-11:50 FRANZ K
 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

MICROWV REMOTE SENS MTEOR 518 3 CREDITS
 Prereq: MATH 265 OR EQUIVALENT
 5860005 TR 11:00-12:30
 MEETS: JAN 12-MAY 8

SATELL RMT SENS LAB MTEOR 589L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489X
 OR MTEOR 589X OR GEOL 489X OR GEOL 589X OR NREM 489X
 OR NREM 589X OR E E 489X
 5628005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

SURV REMOTE SNS TEC MTEOR 589X 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 6634005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8427005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8429005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8430005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8431005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 8432005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8433005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8434005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOP STAT METHDS MTEOR 590H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8435005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8437005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1230005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3901005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3904005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8669005 ARRANGED
 MEETS: JAN 12-MAY 8

SP TOP GEOPH FLU DY MTEOR 590N 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9186120 TC ARRANGED
 MEETS: JAN 12-MAY 8

METEOROLOGY

(CONTINUED)

GRADUATE SEMINAR MTEOR 595A 1 CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3596005 F 4:10-6:00PM
 MEETS: JAN 12-MAY 8

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

MICROBIOLOGY

INTRO MICROBIOLOGY MICRO 201 2 CREDITS
 Prereq: ONE SEMESTER OF COLLEGE-LEVEL BIOLOGY
 5305005 TR 1:10-2:00
 MEETS: JAN 12-MAY 8

INTRO MICROBIOL LAB MICRO 201L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MICRO 201 OR
 MICRO 302
 Note: CREDIT FOR EITHER MICRO 201L OR MICRO 302L,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

1433005 1 MW 8:00-9:20
 MEETS: JAN 12-MAY 8
 1433010 2 MW 9:30-10:50
 MEETS: JAN 12-MAY 8
 1433015 3 MW 11:00-12:20
 MEETS: JAN 12-MAY 8
 1433020 4 TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 1433025 5 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 1433030 6 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 1433035 7 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 1433040 8 TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 1433045 9 TR 8:00-9:20
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 1426010 B ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WW
 1426600 XW ARRANGED BOURY N
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

MICROBIOLOGY LAB MICRO 302L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MICRO 302
 Note: CREDIT FOR EITHER MICRO 302L OR MICRO 201L,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

3024005 1 MW 1:10-2:30
 MEETS: JAN 12-MAY 8
 3024010 2 MW 2:40-4:00
 MEETS: JAN 12-MAY 8
 3024015 3 MW 1:10-2:30
 MEETS: JAN 12-MAY 8
 Note: SEC 3 RESTRICTED TO MICR, MICRO MAJORS ONLY
 3024020 4 TR 1:10-2:30
 MEETS: JAN 12-MAY 8
 3024025 5 TR 2:40-4:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

GENOME PRSPCTV BIOL MICRO 349X 2 CREDITS
 Prereq: GEN 313 OR GEN 320
 9691005 TR 3:40-4:30
 MEETS: JAN 12-MAY 8

INTRO PARASITOLOGY MICRO 353 3 CREDITS
 Prereq: BIOL 212
 7682005 TR 9:30-10:50 JONES D
 MEETS: JAN 12-MAY 8

INSECTS &OUR HEALTH MICRO 374 3 CREDITS
 Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES
 Note: Meets international perspectives reqmt
 2784005 A MWF 2:10-3:00 JURENKA R
 MEETS: JAN 12-MAY 8

SAFTY FOOD FROM ANI MICRO 407 3 CREDITS
 Prereq: MICRO 420
 1881005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

MICROBIOLOGY

(CONTINUED)

FOODBORNE HAZARDS MICRO 419 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302, A COURSE IN
 BIOCHEMISTRY
 Note: CREDIT FOR EITHER FS HN\TOX\MICRO 419 OR
 FS HN\TOX\NUTRS 519, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 1462005 MWF 11:00-11:50 HENDRICH S
 MEETS: JAN 12-MAY 8

PROCARYO DIVERS&ECO MICRO 430 3 CREDITS
 Prereq: MICRO 302, MICRO 302L
 6309005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

UNDERGRAD SEMINAR MICRO 450 2 CREDITS
 Prereq: SP CM 212 AND SR STANDING IN MICROBIOLOGY
 5319005 1 T 10:00-11:50
 MEETS: JAN 12-MAY 8
 5319010 2 W 3:10-5:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

IMMUNOLOGY LAB MICRO 475L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MICRO 310 OR
 MICRO 475 OR MICRO 575
 6720005 1 TR 1:10-4:00
 MEETS: JAN 12-MARCH 6

INDEPENDENT STUDY MICRO 490 1- 5 CREDITS
 Prereq: A MINIMUM OF 6 CR HOURS OF 300-LEVEL OR
 ABOVE COURSEWORK IN MICRO, PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY MICRO 490H 1- 5 CREDITS
 Prereq: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE
 COURSEWORK IN MICRO, INSTR PERMISSION, MEMBERSHIP IN
 UNIV HONORS PROGRAM
 Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION. COURSE RESTRICTED TO UNIVERSITY TO
 HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 12-MAY 8

SAFTY FOOD FROM ANI MICRO 507 3 CREDITS
 Prereq: MICRO 420
 2129005 A TR 9:30-10:50
 MEETS: JAN 12-MAY 8

VIROLOGY MICRO 554 1 CREDIT
 Prereq: UNDERGRADUATE COURSES IN GENERAL MICRO
 AND GENETICS
 7118005 MWF 10:00-10:50
 MEETS: JAN 12-FEB 13

FUNGAL BIOLOGY MICRO 555 1 CREDIT
 Prereq: MICRO 302, BIOL 313
 7138005 MWF 10:00-10:50
 MEETS: FEB 16-MARCH 27

MICROORGNSM ECOLOGY MICRO 556 1 CREDIT
 Prereq: MICRO 302, BIOL 313
 7159005 MWF 10:00-10:50
 MEETS: MARCH 30-MAY 1

IMMUNOLOGY MICRO 575 3 CREDITS
 Prereq: MICRO 310
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: MICRO 475, V MPM 520,
 MICRO/V MPM 575
 5335005 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8

MICROBIOLOGY

(CONTINUED)

MILITARY SCIENCE

(CONTINUED)

SEMINAR MICRO 604 1 CREDIT
 Satisfactory-Fail Only.
 6962005 A T 4:10-5:00
 MEETS: JAN 12-MAY 8

MECHNSM BACT PATHOG MICRO 625 4 CREDITS
 Prereq: CREDIT IN BIOCHEM AND MICROBIOL
 6954005 ARRANGED MINION F
 MEETS: JAN 12-MAY 8

ADV FOOD MICROBIOLG MICRO 626 3 CREDITS
 Prereq: FS HN 420 OR FS HN 421 OR FS HN 504
 5341005 TR 2:10-3:30 BREHM-STECHER B
 MEETS: JAN 12-MAY 8

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 12-MAY 8

SEM N MOLEC,C,DV BIO MICRO 698 1- 2 CREDITS
 5350005 M 3:10-5:00 JOHANSEN J
 MEETS: JAN 12-MAY 8

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

SEMINR: PRO OFFICER M S 402 3 CREDITS
 Prereq: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 402L AND PERMISSION OF
 THE MILITARY SCIENCE DEPARTMENT CHAIR
 5009005 1 MW 12:10-1:30 SMITH R
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

5009010 2 MW 1:40-3:00 SMITH R
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

5009015 3 ARRANGED SMITH R
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

ADV LEADRSHLP LAB IV M S 402L 1 CREDIT
 Prereq: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 402 AND PERMISSION OF
 THE MILITARY SCIENCE DEPARTMENT CHAIR
 5010005 1 W 4:10-5:30 SMITH R
 ARRANGED
 MEETS: JAN 12-MAY 8
 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 SMITH R
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

MILITARY SCIENCE

MOLECULAR CELLULAR DEV BIOLOGY

STRUC&FUNC U.S.ARMY M S 102 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN M S 102L REQ'D
 Note: CONCURRENT ENROLLMENT IN M S 102L REQUIRED
 4995005 1 T 12:40-1:30 SOENKSEN J
 MEETS: JAN 12-MAY 8

4995010 2 W 10:00-10:50 SOENKSEN J
 MEETS: JAN 12-MAY 8

4995015 3 R 12:40-1:30 SOENKSEN J
 MEETS: JAN 12-MAY 8

BASIC LDRSHLP LAB II M S 102L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN M S 102 REQUIRED
 Note: CONCURRENT ENROLLMENT IN M S 102 REQUIRED
 2983005 1 W 4:10-5:30, ARRANGED SOENKSEN J
 MEETS: JAN 12-MAY 8

ARMY PHY READINESS M S 150 1 CREDIT
 8414005 1 MTF 6:00-7:15 SHAIKO C
 MEETS: JAN 12-MAY 8

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 BOWMAN J
 MEETS: JAN 12-MAY 8

4999010 2 MW 11:00-11:50 BOWMAN J
 MEETS: JAN 12-MAY 8

BAS LEADRSHLP LAB IV M S 202L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN M S 202 REQUIRED
 Note: CONCURRENT ENROLLMENT IN M S 202 REQUIRED
 3198005 1 W 4:10-5:30, ARRANGED BOWMAN J
 MEETS: JAN 12-MAY 8

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 DABEL R
 MEETS: JAN 12-MAY 8
 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 DABEL R
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

APPLIED LEADERSHIP M S 302 3 CREDITS
 Prereq: COMPLETION OF THE BASIC MILITARY SCIENCE
 PROGRAM, CONCURRENT ENROLLMENT IN M S 302L AND
 PERMISSION OF THE CHAIR OF THE MILITARY SCIENCE DEPT
 5002005 1 TR 9:30-10:50 DABEL R
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

5002010 2 TR 11:00-12:20 DABEL R
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

ADV LEADRSHLP LAB II M S 302L 1 CREDIT
 Prereq: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 302 AND PERMISSION OF
 THE DEPARTMENT CHAIR OF MILITARY SCIENCE
 5005005 1 W 4:10-5:30, ARRANGED DABEL R
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

MOLECULAR GENETICS MCDB 511 3 CREDITS
 Prereq: BIOL 313 AND BBMB 405
 5303005 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS MCDB 590 VAR. CREDITS
 5260005 ARRANGED
 MEETS: JAN 12-MAY 8

GRAD RESRCH ROTATN MCDB 697 1- 6 CREDITS
 Satisfactory-Fail Only.
 7278005 ARRANGED COFFMAN C
 MEETS: JAN 12-MAY 8

SEM N MOLEC,C,DV BIO MCDB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2014
 5275005 M 3:10-5:00 JOHANSEN J
 MEETS: JAN 12-MAY 8

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

MUSIC

FUNDAMNTLS OF MUSIC MUSIC 101 2 CREDITS
 Prereq: ABILITY TO READ ELEM MUSICAL NOTATION
 7180005 A MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

7180010 B MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS
 Note: Meets international perspectives reqmt
 5406005 A MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

5406010 B MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

5406015 C ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW

5406600 XW ARRANGED TAM T
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

BASIC MUSICIANSHIP MUSIC 105 3 CREDITS
 Prereq: PERFORMING ARTS MAJOR STATUS OR
 PERMISSION OF INSTRUCTOR.
 2975005 TR 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 12-MAY 8

WIND ENSEMBLE MUSIC 111 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5408005 MWRF 12:10-1:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

5409010 B R 7:10-9:00PM
 MEETS: JAN 12-MAY 8

MUSIC (CONTINUED)

MUSIC (CONTINUED)

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 12-MAY 8
 5410010 B MW 4:10-5:30
 MEETS: JAN 12-MAY 8

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 12-MAY 8

SYMPHONIC BAND MUSIC 115 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 9610005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

APPLIED MUSIC VOICE MUSIC 118A 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: CREDIT IN MUSIC 118A WILL NOT SATISFY APPLIED
 MUSIC REQUIREMENTS FOR MUSIC MAJORS
 Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: CREDIT IN MUSIC 118B WILL NOT SATISFY APPLIED
 MUSIC REQUIREMENTS FOR MUSIC MAJORS
 Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 118C 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 118D 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 118E 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 118F 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 118G 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: CREDIT IN MUSIC 118G WILL NOT SATISFY APPLIED
 MUSIC REQUIREMENTS FOR MUSIC MAJORS
 Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 118I 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: CREDIT IN MUSIC 118I WILL NOT SATISFY APPLIED
 MUSIC REQUIREMENTS FOR MUSIC MAJORS
 Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 119A 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 119D 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 119E 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 119F 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 119I 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTR MUSIC LIT&STYL MUSIC 120 3 CREDITS
 Prereq: MUSIC 221; MUSIC MAJOR STATUS OR
 PERMISSION OF INSTRUCTOR
 Note: CREDIT IN EITHER MUSIC 120 OR MUSIC 302, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 RESTRICTED TO MU BA & MU BM MAJORS ONLY
 5430005 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 5433010 B TR 11:00-11:50
 MEETS: JAN 12-MAY 8

LYRICA WOMENS CHOIR MUSIC 141 1 CREDIT
 Prereq: OPEN TO ALL FEMALE STUDENTS BY AUDITION
 5437005 MW 2:10-3:00
 MEETS: JAN 12-MAY 8

CANTAMUS WMNS CHOIR MUSIC 151A 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 4461005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

STATESMEN MNS CHOIR MUSIC 151B 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 4471005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

IOWA STATE SINGERS MUSIC 161 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5441005 MTWRF 12:10-1:00
 MEETS: JAN 12-MAY 8

SYMPHONY ORCHESTRA MUSIC 181 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5443005 TR 4:10-6:00PM
 MEETS: JAN 12-MAY 8

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

MUSIC

(CONTINUED)

CLASS STU PIANO III MUSIC 227 1 CREDIT
 Prereq: MUSIC 128 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
 THE INSTRUCTOR.
 Instructor permission required 1st week.
 5455005 A TR 9:00-9:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 5456010 B MW 11:00-11:50
 MEETS: JAN 12-MAY 8

MATERLS OF MUSIC I MUSIC 231 3 CREDITS
 Prereq: MUSIC 221. CONCURRENT ENROLLMENT IN
 MUSIC 232 RECOMMENDED.
 4382005 A MWF 2:10-3:00
 MEETS: JAN 12-MAY 8
 4382010 B MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

AURAL THEORY I MUSIC 232 1 CREDIT
 Prereq: MUSIC 222; CREDIT OR ENROLLMENT
 MUSIC 231
 4395005 TR 10:00-10:50
 MEETS: JAN 12-MAY 8

INTRO MUSIC TECHNOL MUSIC 246 2 CREDITS
 Prereq: MUSIC 101, MUSIC 105, OR MUSIC 221,
 OR PERMISSION OF INSTRUCTOR
 5578005 MW 1:10-2:00
 MEETS: JAN 12-MAY 8

MU INSTRUCT TECHNOL MUSIC 248 2 CREDITS
 Prereq: MUSIC 221 AND MUSIC 222
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
 4158005 A TR 10:00-10:50
 MEETS: JAN 12-MAY 8

MUSIC IN ELEM EDUC MUSIC 265 2 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 7209005 A TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 7209010 B TR 2:10-3:00
 MEETS: JAN 12-MAY 8
 7209015 C TR 4:10-5:00
 MEETS: JAN 12-MAY 8

INTRO TO MUSIC EDUC MUSIC 266 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN MUSIC 480K
 480K
 5459005 MW 3:10-4:00
 MEETS: JAN 12-MAY 8

PRE-TCH EXP I:MUSIC MUSIC 280K .5 CREDIT
 Satisfactory-Fail Only.
 5807005 ARRANGED
 MEETS: JAN 12-MAY 8

SPCL PROB EDUCATION MUSIC 290A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: ADDITIONAL EXPENSES MAY APPLY FOR LESSONS
 SEE SPECIFIC SECTION FOR DETAILS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

SPECIAL PROB HONORS MUSIC 290H VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPERA/OPRTTA STUDIO MUSIC 301A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8656005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

OPERA STDO MU THTRE MUSIC 301B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8670005 ARRANGED
 MEETS: MARCH 9-MAY 8

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 12-MAY 8

HIST OF ROCK'N'ROLL MUSIC 304 3 CREDITS
 Prereq: MUSIC 101, MUSIC 102, MUSIC 221,
 OR MUSIC 222
 Note: Meets U.S. diversity reqmt
 8118600 XW ARRANGED STUART D
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

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

MUSIC

(CONTINUED)

APPL MUSIC CARILLON MUSIC 319E 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE MUSIC 321A 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO MUSIC 321B 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE ORGAN MUSIC 321C 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBL STRINGS MUSIC 321D 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMB WOODWINDS MUSIC 321F 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS MUSIC 321G 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSM PERCUSSION MUSIC 321I 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE MIXED MUSIC 321J 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

FRN & GER DICT-SING MUSIC 325 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MUSIC 118A OR
 MUSIC 119A
 5496005 MW 1:10-2:00
 MEETS: JAN 12-MAY 8

FUNC PIANO FOR KEYB MUSIC 327A 2 CREDITS
 Prereq: MUSIC 228 OR PERMISSION OF INSTRUCTOR
 2633005 ARRANGED
 MEETS: JAN 12-MAY 8

FUNC PIANO FOR VOIC MUSIC 327B 2 CREDITS
 Prereq: MUSIC 228 OR PERMISSION OF INSTRUCTOR
 2636005 TR 3:10-4:00, ARRANGED
 MEETS: JAN 12-MAY 8

MUSIC MATERIALS III MUSIC 337 3 CREDITS
 Prereq: MUSIC 331. CONCURRENT ENROLLMENT IN
 MUSIC 338 RECOMMENDED.
 4414005 A MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 4414010 B MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

AURAL THEORY III MUSIC 338 1 CREDIT
 Prereq: MUSIC 332, CREDIT OR ENROLLMENT IN
 MUSIC 337
 4415005 TR 8:00-8:50
 MEETS: JAN 12-MAY 8

MIDI&DIG AUDIO TCNQ MUSIC 346 3 CREDITS
 Prereq: MUSIC 246 OR PERMISSION OF INSTRUCTOR
 8436005 M 3:10-4:00
 W 3:10-5:00
 MEETS: JAN 12-MAY 8

MUSIC

(CONTINUED)

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 12-MAY 8

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 12-MAY 8

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 12-MAY 8

LAB ENSEMBLE CHORAL MUSIC 358A R CREDIT
 W 4:10-5:00
 7331005 MEETS: JAN 12-MAY 8

LAB ENSMBLE INSTRUM MUSIC 358B R CREDIT
 Note: ADDITIONAL EXPENSES MAY APPLY
 Satisfactory-Fail Only.
 7330005 T 12:10-1:00
 MEETS: JAN 12-MAY 8

CONDUCTNG II:CHORAL MUSIC 362A 2 CREDITS
 Prereq: MUSIC MAJOR STATUS OR PERMISSION OF
 INSTRUCTOR; MUSIC 361; CONCURRENT ENROLLMENT IN
 MUSIC 358A AND MUSIC 141, MUSIC 151, OR MUSIC 161.
 1236005 TR 4:10-5:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

HISTORY OF MUSIC II MUSIC 384 3 CREDITS
 Prereq: MUSIC 383; MUSIC MAJOR STATUS OR
 PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 5512005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

LIT &PEDAGOGY VOICE MUSIC 415A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

LIT &PEDAGOGY PIANO MUSIC 415B 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

LIT &PEDAGOGY ORGAN MUSIC 415C 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG STRINGS MUSIC 415D 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

LIT &PEDAG WOODWIND MUSIC 415F 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

LIT &PEDAGOGY BRASS MUSIC 415G 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

LIT &PEDAG PERCUSSN MUSIC 415I 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

LIT&PEDAG JAZZ PERF MUSIC 415J 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

STUDNT TCH ELEM MUS MUSIC 417R VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2014
 6741005 1 ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 1 OFFERED FOR 8 CREDITS
 6741010 2 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2 OFFERED FOR 8 CREDITS

STUDNT TCHG SEC MUS MUSIC 417S VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2014
 6690005 1 ARRANGED
 MEETS: JAN 12-MARCH 6
 6690010 2 ARRANGED
 MEETS: MARCH 9-MAY 8

MUSIC

(CONTINUED)

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 12-MAY 8
 Note: COURSES FOR JUNIOR OR SENIOR RECITALS ONLY

SEMINR MUSIC THEORY MUSIC 440 3 CREDITS
 Prereq: MUSIC 337, MUSIC 338
 5523005 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8

INSTM ADM,MTLS,MTHD MUSIC 464 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MUSIC 362B
 RECOMMENDED
 5525005 TR 9:00-9:50
 MEETS: JAN 12-MAY 8

EXPERNCE III: MUSIC MUSIC 480K 1 CREDIT
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2015
 Satisfactory-Fail Only.
 7691005 ARRANGED
 MEETS: JAN 12-MAY 8

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 T 12:10-1:00 BURNETT J
 MEETS: JAN 12-MAY 8

8032010 2 F 12:10-1:00 BURNETT J
 MEETS: JAN 12-MAY 8

8032015 3 T 11:00-11:50 BURNETT J
 MEETS: JAN 12-MAY 8

DEV LEARNRS&LEADERS NREM 114 2 CREDITS
 Prereq: HORT/NREM 112

8116005 A W 9:00-10:50 WIERSEMA J
 MEETS: JAN 12-MAY 8

8116010 B W 4:10-6:00PM WIERSEMA J
 MEETS: JAN 12-MAY 8

INTR RENEW RESOURCS NREM 120 3 CREDITS
 1297005 MWF 12:10-1:00 HALL R
 MEETS: JAN 12-MAY 8

1297600 XW ARRANGED HALL R
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmpttr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

NAT RESOURCES &AGRI NREM 130 3 CREDITS
 1055005 MWF 9:00-9:50 ISENHART T
 MEETS: JAN 12-MAY 8

NAT RESOURC CAREERS NREM 211 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 4467005 R 2:10-3:00 BURNETT J
 MEETS: JAN 12-MAY 8

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

INTRO CONTRVRSI SCI NREM 260X 3 CREDITS
 9722005 TR 9:30-10:45 BLODGETT S
 MEETS: JAN 12-MAY 8

INTERNSHIP NREM 303 1- 3 CREDITS
 Prereq: PERMISSION OF DEPARTMENT MENTOR,
 SOPHOMORE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR NREM 305 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1058005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Materials, field trips &/or travel fee \$25.00-\$70.00
 1058010 2 M 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 2 TOPIC: FORENSICS IN NATURAL
 RESOURCE MANAGEMENT
 Materials, field trips &/or travel fee \$25.00-\$70.00

PRIN INTERPRETATION NREM 330 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL SCIENCES
 1070005 1 TR 2:10-3:00
 R 3:10-5:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.
 1070010 2 TR 2:10-3:00
 T 3:10-5:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

FOREST HERBAC LAYER NREM 358X 1 CREDIT
 Prereq: BIOL 212
 9575005 R 11:00-2:00 MCMULLEN C
 MEETS: MARCH 9-MAY 8

NAT RESOURCE POLICY NREM 385 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 8335005 1 MW 10:00-10:50 PRITCHARD J
 F 10:00-10:50
 MEETS: JAN 12-MAY 8

WATERSHED MANAGEMENT NREM 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 3727005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 12-MAY 8
 3727010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 12-MAY 8

GIS&GPS NAT RESOURC NREM 446 3 CREDITS
 Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300
 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE
 WITH ARCGIS
 3032005 1 TR 8:00-8:50 WOLTER P
 T 12:10-3:00 WOLTER P
 MEETS: JAN 12-MAY 8
 3032010 2 TR 8:00-8:50 WOLTER P
 W 10:00-1:00 WOLTER P
 MEETS: JAN 12-MAY 8

ECOSYSTEM MANAGEMNT NREM 452 3 CREDITS
 Prereq: JR CLASSIFICATION, NREM 301 OR A ECL 312
 5582005 MW 1:10-2:00 SCHULTE-MOORE L
 F 11:00-2:00 SCHULTE-MOORE L
 MEETS: JAN 12-MAY 8

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 MOORE P
 MEETS: JAN 12-MAY 8
 7598010 2 MW 11:00-12:20 STOKKE D
 MEETS: JAN 12-MAY 8

ECOSYSTM SERVIC MGT NREM 466 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8313005 ARRANGED O'NEAL M
 MEETS: JAN 12-MAY 8

AGROFORESTRY SYSTMS NREM 471 3 CREDITS
 Prereq: 6 CR IN BIOL SCI AT 300-LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 5122005 MW 1:10-2:00 SCHULTZ R
 R 3:10-6:00PM SCHULTZ R
 MEETS: JAN 12-MAY 8

SATELL RMT SENS LAB NREM 489L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489X
 OR MTEOR 589X OR GEOL 489X OR GEOL 589X OR NREM 489
 OR NREM 589X OR E E 489X
 5267005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

SURV REMOTE SNS TEC NREM 489X 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 6531005 1 TR 9:30-10:50 AANSTOOS J
 MEETS: JAN 12-MAY 8

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 12-MAY 8

INDEP STUDY HONORS NREM 490H 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNATIONL TRAVEL NREM 496A 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 2596005 ARRANGED
 MEETS: JAN 12-MAY 8

DOMESTIC TRAVEL NREM 496B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2597005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.
 Materials, field trips &/or travel fee \$525.00
 2597010 2 ARRANGED RENTZ M
 MEETS: JAN 12-MAY 8
 Note: SEC 2 OFFERED FOR 2 CREDITS SPRING 2015
 Instructor permission required.
 Materials, field trips &/or travel fee \$525.00

COOPERATIVE EDUC NREM 498 1- 3 CREDITS
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Permission of department chair required.
 Satisfactory-Fail Only.
 7593005 ARRANGED BLODGETT S
 MEETS: JAN 12-MAY 8

SEMINAR NREM 505 1- 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 1083005 ARRANGED
 MEETS: JAN 12-MAY 8

WATERSHED MANAGEMNT NREM 507 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 3857005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 12-MAY 8
 3857010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 12-MAY 8

INTRO DNA TECHNIQS NREM 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3744005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-FEB 12

INTR PROTEIN TECHNQ NREM 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3806005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 17-MARCH 26

INTRO CELL TECHNIQS NREM 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3777005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 31-APRIL 30

INTR PLNT TRNSFM TO NREM 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Note: MEETS JAN 21-FEB 4 AND MARCH 25-APRIL 17
 Satisfactory-Fail Only.
 3796005 WF 12:30-4:00
 MEETS: JAN 21-APRIL 17

INTEGRATING GIS&GPS NREM 546 3 CREDITS
 Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300
 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE IN
 ARCGIS
 3821005 1 TR 8:00-8:50 WOLTER P
 T 12:10-3:00 WOLTER P
 MEETS: JAN 12-MAY 8
 3821010 2 TR 8:00-8:50 WOLTER P
 W 10:00-1:00 WOLTER P
 MEETS: JAN 12-MAY 8

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

NAVAL SCIENCE

ECOSYSTEM MANAGEMNT NREM 552 3 CREDITS
 Prereq: SENIOR CLASSIFICATION AND NREM 120
 OR EQUIVALENT
 1375005 MW 1:10-2:00 SCHULTE-MOORE L
 F 11:00-2:00 SCHULTE-MOORE L
 MEETS: JAN 12-MAY 8

ECOSYSTM SERVIC MGT NREM 566 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8297005 ARRANGED O'NEAL M
 MEETS: JAN 12-MAY 8

AGROFORESTRY SYSTMS NREM 571 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL SCIENCE
 AT 300 LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 4826005 MW 1:10-2:00 SCHULTZ R
 R 3:10-6:00PM SCHULTZ R
 MEETS: JAN 12-MAY 8

NAT RESOURCE POLICY NREM 585 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 8336005 1 MW 10:00-10:50 PRITCHARD J
 F 10:00-10:50
 MEETS: JAN 12-MAY 8

SATELL RMT SENS LAB NREM 589L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489X
 OR MTEOR 589X OR GEOL 489X OR GEOL 589X OR NREM 489X
 OR NREM 589X OR E E 489X
 6449005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

SURV REMOTE SNS TEC NREM 589X 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 6957005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

INTERNATIONL TRAVEL NREM 596A 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2605005 ARRANGED
 MEETS: JAN 12-MAY 8

DOMESTIC TRAVEL NREM 596B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2606005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.
 2606010 2 F 9:00-11:00 THOMPSON J
 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 TOPIC: BIODIVERSITY CONSERVATION IN URBAN
 REGIONS. TRAVEL REQUIRED TRIP MARCH 11-17; STUDENTS
 PROVIDE OWN TRANSPORTATION TO AND FROM TUCSON, AZ.
 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 12-MAY 8

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

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 12-MAY 8

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 12-MAY 8

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 12-MAY 8

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 12-MAY 8

SENIOR N S SEMINAR N S 440 1 CREDIT
 Prereq: SENIOR CLASSIFICATION
 Satisfactory-Fail Only.
 4061005 TR 4:10-5:30
 MEETS: JAN 12-MAY 8

NEUROSCIENCE

ADV NEUROSCI TECHNQ NEURO 557 3 CREDITS
 Prereq: NEURO 556
 Note: Instructor permission required 1st week.
 8552005 ARRANGED
 MEETS: JAN 12-MAY 8

NEUROSCI JOURNL CLB NEURO 690 1 CREDIT
 Prereq: NEURO 556
 8554005 ARRANGED
 MEETS: JAN 12-MAY 8

NEUROSCIENCE SEMINR NEURO 696 1 CREDIT
 Prereq: NEURO 556
 8555005 ARRANGED WEST R
 MEETS: JAN 12-MAY 8

RESEARCH NEURO 699 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

NUCLEAR ENGINEERING

NUCLEAR REACTR ENGR NUC E 402 3 CREDITS
 Prereq: NUC E 401
 7745005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

PRBLSTC RISK ASSESS NUC E 441 3 CREDITS
 Prereq: STAT 305 OR EQUIVALENT
 9306005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY NUC E 490 1- 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION

 SEE DEPT FOR REFERENCE NUMBERS

NUTRITIONAL SCIENCES

NTR&EPGNTC GENE EXP NUTRS 504 1 CREDIT
 Prereq: GRADUATE STANDING. UNDERGRADS MUST OBTAIN
 CONSENT OF INSTRUCTOR.
 4365005 1 ARRANGED
 MEETS: JAN 12-MAY 8

DIGESTV PHYSL RUMIN NUTRS 520 3 CREDITS
 Prereq: NUTRS 501 OR AN S 419
 3597005 1 TR 3:10-4:00
 R 8:00-9:50
 MEETS: JAN 12-MAY 8

INTRO DNA TECHNIQS NUTRS 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8628005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-FEB 12

NUTRITIONAL SCIENCES (CONTINUED)

INTR PROTEIN TECHNQ NUTRS 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8644005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: FEB 17-MARCH 26

INTRO CELL TECHNIQS NUTRS 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8633005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 31-APRIL 30

INTR PLNT TRNSFM TO NUTRS 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8642005 WF 12:30-4:00
 MEETS: JAN 21-APRIL 17

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 SMITH K
 MEETS: JAN 12-MAY 8
 Note: SEC A OFFERED FOR 3 CREDITS SPRING 2014.

SPECIAL PROBLEMS NUTRS 690 VAR. CREDITS
 6201415 SP ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

TOPICS TROPICL BIOL OTS 515 1- 8 CREDITS
 7544005 ARRANGED
 MEETS: JAN 12-MAY 8

PERFORMING ARTS

ISSUES PERFORM ARTS PERF 105 R CREDIT
 Satisfactory-Fail Only.
 3673005 R 4:10-5:30
 MEETS: JAN 12-MAY 8

PERFORM ARTS INTERN PERF 310 R CREDIT
 Satisfactory-Fail Only.
 3677005 ARRANGED
 MEETS: JAN 12-MAY 8

PERFRM ARTS SEMINAR PERF 401 2 CREDITS
 3706005 ARRANGED
 MEETS: JAN 12-MAY 8

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS
 5824005 A TR 9:30-10:50 ALEXANDER D
 MEETS: JAN 12-MAY 8

5824010 B TR 11:00-12:20
 MEETS: JAN 12-MAY 8

5824015 C MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

5824020 D MWF 10:00-10:50 MILLER D
 MEETS: JAN 12-MAY 8

5824025 E MWF 12:10-1:00 TSOU J
 MEETS: JAN 12-MAY 8

5824030 F TR 12:40-2:00
 MEETS: JAN 12-MAY 8

5824035 G TR 11:00-12:20 DE LAPLANTE K
 MEETS: JAN 12-MAY 8

5824040 J TR 12:40-2:00 DE LAPLANTE K
 MEETS: JAN 12-MAY 8

5824045 K TR 2:10-3:30 TAYLOR E
 MEETS: JAN 12-MAY 8

5824050 L TR 11:00-12:30 TAYLOR E
 MEETS: JAN 12-MAY 8

5824055 M TR 9:30-10:50
 MEETS: JAN 12-MAY 8

INTR SYMBOLIC LOGIC PHIL 207 3 CREDITS
 Note: Instructor permission required 1st week.
 5826005 TR 9:30-10:50 BUTLER A
 MEETS: JAN 12-MAY 8

PHILOSOPHY (CONTINUED)

MORAL THEOR&PRCTICE PHIL 230 3 CREDITS
 5827005 A MWF 1:10-2:00 PADGETT-WALSH C
 MEETS: JAN 12-MAY 8

5827010 B MWF 2:10-3:00 PADGETT-WALSH C
 MEETS: JAN 12-MAY 8

5827015 C MWF 9:00-9:50 HOBSON K
 MEETS: JAN 12-MAY 8

5827020 D MWF 10:00-10:50 HOBSON K
 MEETS: JAN 12-MAY 8

5827025 E TR 9:30-10:50 BUTLER T
 MEETS: JAN 12-MAY 8

5827030 F TR 11:00-12:20 BUTLER T
 MEETS: JAN 12-MAY 8

5827035 G TR 11:00-12:20 CONNOLLY P
 MEETS: JAN 12-MAY 8

5827040 J TR 11:00-12:20 PADGETT-WALSH K
 MEETS: JAN 12-MAY 8

5827045 K MWF 12:10-1:00 HOBSON K
 MEETS: JAN 12-MAY 8

5827050 L MWF 10:00-10:50 KNIGHT G
 MEETS: JAN 12-MAY 8

5827055 M MWF 2:10-3:00 KNIGHT G
 MEETS: JAN 12-MAY 8

5827060 N MWF 1:10-2:00 KNIGHT G
 MEETS: JAN 12-MAY 8

5827065 P TR 12:40-2:00 KUPFER J
 MEETS: JAN 12-MAY 8

ETH ISS DIVERSE SOC PHIL 235 3 CREDITS
 Note: Meets U.S. diversity reqmt
 4962005 A MWF 11:00-11:50 PADGETT-WALSH C
 MEETS: JAN 12-MAY 8

MEDIEVAL PHILOSOPHY PHIL 312X 3 CREDITS
 Prereq: PHIL 201
 8418005 TR 2:10-3:25 CONNOLLY P
 MEETS: JAN 12-MAY 8

18TH CEN PHILOSOPHY PHIL 315 3 CREDITS
 Prereq: PHIL 201
 9626005 TR 11:00-12:20 BUTLER A
 MEETS: JAN 12-MAY 8

MORAL PROB MEDICINE PHIL 331 3 CREDITS
 Prereq: PHIL 230 OR JUNIOR CLASSIFICATION
 5835005 TR 9:30-10:50 KUPFER J
 MEETS: JAN 12-MAY 8

PHILOSOPHY OF LAW PHIL 332 3 CREDITS
 Prereq: PHIL 201 OR PHIL 230
 Note: Instructor permission required 1st week.
 5836005 TR 8:00-9:20 WOLF C
 MEETS: JAN 12-MAY 8

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 2:10-3:00 TSOU J
 MEETS: JAN 12-MAY 8

7343010 B MWF 10:00-10:50 TSOU J
 MEETS: JAN 12-MAY 8

METAPHYSICS:MINDS&M PHIL 364 3 CREDITS
 Prereq: 3 CREDITS IN PHILOSOPHY
 8110005 MWF 12:10-1:00 GEIRSSON H
 MEETS: JAN 12-MAY 8

VALUE THEORY PHIL 430 3 CREDITS
 Prereq: PHIL 230
 5842005 TR 2:10-3:30 PADGETT-WALSH K
 MEETS: JAN 12-MAY 8

EPISTEMOL &METAPHYS PHIL 460 3 CREDITS
 Prereq: 6 CR IN PHILOSOPHY
 Note: Instructor permission required 1st week.
 5844005 TR 12:40-2:00 ALEXANDER D
 MEETS: JAN 12-MAY 8

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 12-MAY 8

PHILOSOPHY

(CONTINUED)

- CONTEMP POLITC PHIL PHIL 535 3 CREDITS
Prereq: 6 CREDITS OF PHIL OR POLITICAL SCIENCE
5637005 W 3:10-5:40 SMITH T
MEETS: JAN 12-MAY 8
- SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5850005 ARRANGED
MEETS: JAN 12-MAY 8
- SPL TOP EPIS&METAPH PHIL 590B 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5851005 ARRANGED
MEETS: JAN 12-MAY 8
- SPL TOP VALUE THRY PHIL 590C 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
Note: Instructor permission required.
5852005 ARRANGED
MEETS: JAN 12-MAY 8
- SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5853005 ARRANGED
MEETS: JAN 12-MAY 8

PHYSICS

- PHYS FOR NON-SCIENT PHYS 101 3 CREDITS
5855005 TR 12:40-2:00
MEETS: JAN 12-MAY 8
- PHYSCL SC FOR EL ED PHYS 102L 3 CREDITS
Prereq: MATH 195 OR MATH 140
8651005 1 T 8:00-8:50
TR 10:00-11:50
MEETS: JAN 12-MAY 8
- 8651010 2 T 8:00-8:50
TR 12:10-2:00
MEETS: JAN 12-MAY 8
- 8651015 3 T 8:00-8:50
TR 2:10-4:00
MEETS: JAN 12-MAY 8
- 8651020 4 T 8:00-8:50
WF 8:00-9:50
MEETS: JAN 12-MAY 8
- 8651025 5 T 8:00-8:50
WF 10:00-11:50
MEETS: JAN 12-MAY 8
- 8651030 6 T 8:00-8:50
WF 12:10-2:00
MEETS: JAN 12-MAY 8
- 8651035 7 T 8:00-8:50
WF 2:10-4:00
MEETS: JAN 12-MAY 8

Note: Materials and professional support fee \$90.00

- GENERAL PHYSICS PHYS 111 5 CREDITS
Prereq: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>

- 5857005 1 TR 9:30-10:50
F 8:00-8:50
MEETS: JAN 12-MAY 8
- 5857010 2 TR 9:30-10:50
F 9:00-9:50
MEETS: JAN 12-MAY 8
- 5857015 3 TR 9:30-10:50
F 10:00-10:50
MEETS: JAN 12-MAY 8
- 5857020 4 TR 9:30-10:50
F 11:00-11:50
MEETS: JAN 12-MAY 8
- 5857025 5 TR 9:30-10:50
F 12:10-1:00
MEETS: JAN 12-MAY 8
- 5857030 6 TR 9:30-10:50
F 1:10-2:00
MEETS: JAN 12-MAY 8
- 5857035 7 TR 9:30-10:50
F 2:10-3:00
MEETS: JAN 12-MAY 8
- 5857040 8 TR 9:30-10:50
F 3:10-4:00
MEETS: JAN 12-MAY 8
- 5857045 9 TR 9:30-10:50
F 4:10-5:00
MEETS: JAN 12-MAY 8
- 5857041 10 TR 11:00-12:20
F 9:00-9:50
MEETS: JAN 12-MAY 8
- 5857046 11 TR 11:00-12:20
F 10:00-10:50
MEETS: JAN 12-MAY 8
- 5857047 12 TR 11:00-12:20
F 11:00-11:50
MEETS: JAN 12-MAY 8

PHYSICS

(CONTINUED)

- GENERAL PHYSICS PHYS 111 5 CREDITS
5857048 13 TR 11:00-12:20
F 12:10-1:00
MEETS: JAN 12-MAY 8
- 5857049 14 TR 11:00-12:20
F 1:10-2:00
MEETS: JAN 12-MAY 8
- 5857050 15 TR 11:00-12:20
F 2:10-3:00
MEETS: JAN 12-MAY 8
- 5857051 16 TR 11:00-12:20
F 3:10-4:00
MEETS: JAN 12-MAY 8
- 5857052 17 TR 11:00-12:20
F 4:10-5:00
MEETS: JAN 12-MAY 8
- 5857054 A M 8:00-9:50
MEETS: JAN 12-MAY 8
- 5857055 B M 10:00-11:50
MEETS: JAN 12-MAY 8
- 5857060 C M 12:10-2:00
MEETS: JAN 12-MAY 8
- 5857065 D M 2:10-4:00
MEETS: JAN 12-MAY 8
- 5857070 E M 4:10-6:00PM
MEETS: JAN 12-MAY 8
- 5857075 F T 9:00-10:50
MEETS: JAN 12-MAY 8
- 5857080 G W 8:00-9:50
MEETS: JAN 12-MAY 8
- 5857085 H T 12:10-2:00
MEETS: JAN 12-MAY 8
- 5857090 J T 2:10-4:00
MEETS: JAN 12-MAY 8
- 5857095 K T 4:10-6:00PM
MEETS: JAN 12-MAY 8
- 5857100 L W 10:00-11:50
MEETS: JAN 12-MAY 8
- 5857084 M W 12:10-2:00
MEETS: JAN 12-MAY 8
- 5857105 N W 2:10-4:00
MEETS: JAN 12-MAY 8
- 5857110 P W 4:10-6:00PM
MEETS: JAN 12-MAY 8
- 5857115 Q R 9:00-10:50
MEETS: JAN 12-MAY 8
- 5857120 R R 6:10-8:00PM
MEETS: JAN 12-MAY 8
- 5857125 T R 12:10-2:00
MEETS: JAN 12-MAY 8
- 5857130 U R 2:10-4:00
MEETS: JAN 12-MAY 8
- 5857135 V R 4:10-6:00PM
MEETS: JAN 12-MAY 8
- 5857140 X M 6:10-8:00PM
MEETS: JAN 12-MAY 8
- 5857145 Y M 8:10-10:00PM
MEETS: JAN 12-MAY 8
- 5857150 Z W 6:10-8:00PM
MEETS: JAN 12-MAY 8
- 5857155 AA W 8:10-10:00PM
MEETS: JAN 12-MAY 8
- 5857300 LW ARRANGED
MEETS: JAN 12-MAY 8

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

- Prereq: PHYS 111
Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
- 5858005 1 MWF 12:10-1:00
R 8:00-8:50
MEETS: JAN 12-MAY 8
- 5858010 2 MWF 12:10-1:00
R 9:00-9:50
MEETS: JAN 12-MAY 8
- 5858015 3 MWF 12:10-1:00
R 10:00-10:50
MEETS: JAN 12-MAY 8
- 5858020 4 MWF 12:10-1:00
R 11:00-11:50
MEETS: JAN 12-MAY 8
- 5858025 5 MWF 12:10-1:00
R 12:10-1:00
MEETS: JAN 12-MAY 8
- 5858030 6 MWF 12:10-1:00
R 1:10-2:00
MEETS: JAN 12-MAY 8
- 5858035 7 MWF 12:10-1:00
R 2:10-3:00
MEETS: JAN 12-MAY 8
- 5858038 8 MWF 12:10-1:00
R 3:10-4:00
MEETS: JAN 12-MAY 8
- 5858039 9 MWF 12:10-1:00
R 9:00-9:50
MEETS: JAN 12-MAY 8
- 5858042 A T 8:00-9:50
MEETS: JAN 12-MAY 8
- 5858045 B T 10:00-11:50
MEETS: JAN 12-MAY 8

PHYSICS

(CONTINUED)

PHYSICS

(CONTINUED)

GENERAL PHYSICS PHYS 112 5 CREDITS
 5858050 C T 12:10-2:00
 MEETS: JAN 12-MAY 8
 5858055 D T 2:10-4:00
 MEETS: JAN 12-MAY 8
 5858060 E T 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 5858065 F W 8:00-9:50
 MEETS: JAN 12-MAY 8
 5858070 G W 10:00-11:50
 MEETS: JAN 12-MAY 8
 5858075 H W 2:10-4:00
 MEETS: JAN 12-MAY 8
 5858080 J W 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 5858085 K T 6:10-8:00PM
 MEETS: JAN 12-MAY 8
 5858090 L W 6:10-8:00PM
 MEETS: JAN 12-MAY 8
 5858095 M T 8:10-10:00PM
 MEETS: JAN 12-MAY 8
 5858100 N W 8:10-10:00PM
 MEETS: JAN 12-MAY 8
 5858105 P M 2:10-4:00
 MEETS: JAN 12-MAY 8
 5858110 Q M 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 5858500 LW ARRANGED
 MEETS: JAN 12-MAY 8
 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 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 12-MAY 8
 9212010 2 TR 2:10-3:30
 W 9:00-9:50
 MEETS: JAN 12-MAY 8
 9212015 3 TR 2:10-3:30
 W 10:00-10:50
 MEETS: JAN 12-MAY 8
 9212020 4 TR 2:10-3:30
 W 11:00-11:50
 MEETS: JAN 12-MAY 8
 9212025 5 TR 2:10-3:30
 W 12:10-1:00
 MEETS: JAN 12-MAY 8
 9212030 6 TR 2:10-3:30
 W 1:10-2:00
 MEETS: JAN 12-MAY 8
 9212035 7 TR 2:10-3:30
 W 2:10-3:00
 MEETS: JAN 12-MAY 8
 9212040 8 TR 2:10-3:30
 W 3:10-4:00
 MEETS: JAN 12-MAY 8

LAB PHYS FOR LF SCI PHYS 115L 1 CREDIT
 9252005 A T 8:00-9:50
 MEETS: JAN 12-MAY 8
 9252010 B T 10:00-11:50
 MEETS: JAN 12-MAY 8
 9252015 C T 12:10-2:00
 MEETS: JAN 12-MAY 8
 9252020 D T 4:10-6:00PM
 MEETS: JAN 12-MAY 8

INTR CLASSCL PHYS I PHYS 221 5 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 166
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SEC THEN LETTERED SEC. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED. DIS. MEETS EVERY TUES. & EVERY OTHER THURS. LAB DOES NOT MEET EVERY WEEK. STUDENTS PREVIOUSLY ENROLLED IN 221 MUST REGISTER FOR LAB SEC LW.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 5861005 1 MWF 8:00-8:50
 TR 8:00-8:50
 MEETS: JAN 12-MAY 8
 5861010 2 MWF 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: SEC 2 RESTRICTED TO PHYSICS MAJORS ONLY
 5861015 3 MWF 8:00-8:50
 TR 10:00-10:50
 MEETS: JAN 12-MAY 8
 5861020 4 MWF 8:00-8:50
 TR 11:00-11:50
 MEETS: JAN 12-MAY 8
 5861025 5 MWF 8:00-8:50
 TR 12:10-1:00
 MEETS: JAN 12-MAY 8
 5861030 6 MWF 8:00-8:50
 TR 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 6 RESTRICTED TO PHYS MAJORS ONLY
 5861035 7 MWF 8:00-8:50
 TR 2:10-3:00
 MEETS: JAN 12-MAY 8

INTR CLASSCL PHYS I PHYS 221 5 CREDITS
 5861040 8 MWF 8:00-8:50
 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 5861045 9 MWF 8:00-8:50
 TR 4:10-5:00
 MEETS: JAN 12-MAY 8
 5861050 10 MWF 9:00-9:50
 TR 8:00-8:50
 MEETS: JAN 12-MAY 8
 5861055 11 MWF 9:00-9:50
 TR 9:00-9:50
 MEETS: JAN 12-MAY 8
 5861060 12 MWF 9:00-9:50
 TR 10:00-10:50
 MEETS: JAN 12-MAY 8
 5861065 13 MWF 9:00-9:50
 TR 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 13 RESTRICTED TO PHYSICS MAJORS ONLY
 5861070 14 MWF 9:00-9:50
 TR 12:10-1:00
 MEETS: JAN 12-MAY 8
 5861075 15 MWF 9:00-9:50
 TR 1:10-2:00
 MEETS: JAN 12-MAY 8
 5861080 16 MWF 9:00-9:50
 TR 2:10-3:00
 MEETS: JAN 12-MAY 8
 5861085 17 MWF 9:00-9:50
 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 5861087 18 MWF 9:00-9:50
 TR 4:10-5:00
 MEETS: JAN 12-MAY 8
 5861088 19 MWF 9:00-9:50
 TR 5:10-6:00PM
 MEETS: JAN 12-MAY 8
 5861090 20 MWF 10:00-10:50
 TR 8:00-8:50
 MEETS: JAN 12-MAY 8
 5861095 21 MWF 10:00-10:50
 TR 9:00-9:50
 MEETS: JAN 12-MAY 8
 5861100 22 MWF 10:00-10:50
 TR 10:00-10:50
 MEETS: JAN 12-MAY 8
 5861105 23 MWF 10:00-10:50
 TR 11:00-11:50
 MEETS: JAN 12-MAY 8
 5861110 24 MWF 10:00-10:50
 TR 12:10-1:00
 MEETS: JAN 12-MAY 8
 5861115 25 MWF 10:00-10:50
 TR 1:10-2:00
 MEETS: JAN 12-MAY 8
 Note: SEC 25 RESTRICTED TO PHYSICS MAJORS ONLY
 5861120 26 MWF 10:00-10:50
 TR 2:10-3:00
 MEETS: JAN 12-MAY 8
 5861125 27 MWF 10:00-10:50
 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 5861130 28 MWF 10:00-10:50
 TR 4:10-5:00
 MEETS: JAN 12-MAY 8
 5861135 29 MWF 10:00-10:50
 TR 5:10-6:00PM
 MEETS: JAN 12-MAY 8
 5861140 30 MWF 3:10-4:00
 TR 8:00-8:50
 MEETS: JAN 12-MAY 8
 5861145 31 MWF 3:10-4:00
 TR 9:00-9:50
 MEETS: JAN 12-MAY 8
 5861150 32 MWF 3:10-4:00
 TR 10:00-10:50
 MEETS: JAN 12-MAY 8
 5861155 33 MWF 3:10-4:00
 TR 11:00-11:50
 MEETS: JAN 12-MAY 8
 5861160 34 MWF 3:10-4:00
 TR 12:10-1:00
 MEETS: JAN 12-MAY 8
 5861165 35 MWF 3:10-4:00
 TR 1:10-2:00
 MEETS: JAN 12-MAY 8
 5861170 36 MWF 3:10-4:00
 TR 2:10-3:00
 MEETS: JAN 12-MAY 8
 5861175 37 MWF 3:10-4:00
 TR 3:10-4:00
 MEETS: JAN 12-MAY 8
 5861180 38 MWF 3:10-4:00
 TR 4:10-5:00
 MEETS: JAN 12-MAY 8
 5861185 39 MWF 3:10-4:00
 TR 5:10-6:00PM
 MEETS: JAN 12-MAY 8
 5861190 40 MWF 11:00-11:50
 TR 9:00-9:50
 MEETS: JAN 12-MAY 8
 5861195 41 MWF 11:00-11:50
 TR 10:00-10:50
 MEETS: JAN 12-MAY 8

PHYSICS

(CONTINUED)

INTR CLASSCL	PHYS I	PHYS 221	5 CREDITS
5861500	42	MWF 11:00-11:50 TR 1:10-2:00 MEETS: JAN 12-MAY 8	
5861505	43	MWF 11:00-11:50 TR 2:10-3:00 MEETS: JAN 12-MAY 8	
5861510	44	MWF 11:00-11:50 TR 3:10-4:00 MEETS: JAN 12-MAY 8	
5861515	45	MWF 11:00-11:50 TR 8:00-8:50 MEETS: JAN 12-MAY 8	
5861520	46	MWF 11:00-11:50 TR 1:10-2:00 MEETS: JAN 12-MAY 8	
5861525	47	MWF 11:00-11:50 TR 2:10-3:00 MEETS: JAN 12-MAY 8	
5861530	48	MWF 11:00-11:50 TR 4:10-5:00 MEETS: JAN 12-MAY 8	
5861535	49	MWF 11:00-11:50 TR 12:10-1:00 MEETS: JAN 12-MAY 8	
5861200	A	M 8:00-9:50 MEETS: JAN 12-MAY 8	
5861205	B	M 10:00-11:50 MEETS: JAN 12-MAY 8	
5861210	C	M 12:10-2:00 MEETS: JAN 12-MAY 8	
5861215	D	M 2:10-4:00 MEETS: JAN 12-MAY 8	
5861220	E	M 4:10-6:00PM MEETS: JAN 12-MAY 8	
5861225	F	T 8:00-9:50 MEETS: JAN 12-MAY 8	
5861230	G	T 10:00-11:50 MEETS: JAN 12-MAY 8	
5861235	J	T 12:10-2:00 MEETS: JAN 12-MAY 8	Note: SEC G RESTRICTED TO PHYSICS MAJORS ONLY
5861240	K	T 2:10-4:00 MEETS: JAN 12-MAY 8	
5861245	L	T 4:10-6:00PM MEETS: JAN 12-MAY 8	Note: SEC K RESTRICTED TO PHYSICS MAJORS ONLY
5861250	M	W 8:00-9:50 MEETS: JAN 12-MAY 8	
5861255	N	W 10:00-11:50 MEETS: JAN 12-MAY 8	
5861260	P	W 12:10-2:00 MEETS: JAN 12-MAY 8	Note: SEC N RESTRICTED TO PHYSICS MAJORS ONLY
5861265	Q	W 2:10-4:00 MEETS: JAN 12-MAY 8	
5861270	R	W 4:10-6:00PM MEETS: JAN 12-MAY 8	
5861275	T	W 8:00-9:50 MEETS: JAN 12-MAY 8	
5861280	U	W 10:00-11:50 MEETS: JAN 12-MAY 8	
5861285	V	W 12:10-2:00 MEETS: JAN 12-MAY 8	
5861290	W	W 2:10-4:00 MEETS: JAN 12-MAY 8	
5861300	X	W 4:10-6:00PM MEETS: JAN 12-MAY 8	
5861305	Y	T 8:00-9:50 MEETS: JAN 12-MAY 8	
5861310	Z	T 10:00-11:50 MEETS: JAN 12-MAY 8	
5861315	AA	T 12:10-2:00 MEETS: JAN 12-MAY 8	
5861425	AB	W 12:10-2:00 MEETS: JAN 12-MAY 8	
5861430	AC	W 2:10-4:00 MEETS: JAN 12-MAY 8	
5861435	AD	W 4:10-6:00PM MEETS: JAN 12-MAY 8	
5861440	AE	T 8:00-9:50 MEETS: JAN 12-MAY 8	
5861445	AF	T 10:00-11:50 MEETS: JAN 12-MAY 8	
5861600	AG	T 12:10-2:00 MEETS: JAN 12-MAY 8	
5861605	AH	T 2:10-4:00 MEETS: JAN 12-MAY 8	
5861610	AJ	T 4:10-6:00PM MEETS: JAN 12-MAY 8	
5861615	AK	T 6:10-8:00PM MEETS: JAN 12-MAY 8	
5861616	AL	T 6:10-8:00PM MEETS: JAN 12-MAY 8	
5861617	AM	W 6:10-8:00PM MEETS: JAN 12-MAY 8	
5861320	BB	T 2:10-4:00 MEETS: JAN 12-MAY 8	
5861325	CC	T 4:10-6:00PM MEETS: JAN 12-MAY 8	
5861330	DD	R 8:00-9:50 MEETS: JAN 12-MAY 8	
5861335	EE	R 10:00-11:50 MEETS: JAN 12-MAY 8	Note: SEC DD DO NOT ENROLL IN A THURS. DISCUSSION (SEC 1-44) THAT MEETS AT THE SAME TIME AS THE LAB

PHYSICS

(CONTINUED)

INTR CLASSCL	PHYS I	PHYS 221	5 CREDITS
5861340	FF	R 12:10-2:00 MEETS: JAN 12-MAY 8	Note: SEC EE DO NOT ENROLL IN A THURS. DISCUSSION (SEC 1-44) THAT MEETS AT THE SAME TIME AS THE LAB
5861345	GG	R 2:10-4:00 MEETS: JAN 12-MAY 8	Note: SEC FF DO NOT ENROLL IN A THURS. DISCUSSION (SEC 1-44) THAT MEETS AT THE SAME TIME AS THE LAB
5861350	JJ	R 4:10-6:00PM MEETS: JAN 12-MAY 8	Note: SEC GG DO NOT ENROLL IN A THURS. DISCUSSION (SEC 1-44) THAT MEETS AT THE SAME TIME AS THE LAB
5861360	KK	F 8:00-9:50 MEETS: JAN 12-MAY 8	
5861365	LL	F 10:00-11:50 MEETS: JAN 12-MAY 8	
5861355	LW	ARRANGED MEETS: JAN 12-MAY 8	Note: SEC LW IS THE LAB WAIVER SECTION. FOR STUDENTS WHO HAVE ALREADY COMPLETED THIS COURSE'S IN LABS IN THE PAST, STUDENTS MUST APPLY FOR LAB WAIVER ON BLACKBOARD IN 1ST WEEK OF CLASSES
5861370	MM	F 12:10-2:00 MEETS: JAN 12-MAY 8	
5861375	NN	F 2:10-4:00 MEETS: JAN 12-MAY 8	
5861380	PP	F 4:10-6:00PM MEETS: JAN 12-MAY 8	
5861385	QQ	F 8:00-9:50 MEETS: JAN 12-MAY 8	
5861390	RR	F 10:00-11:50 MEETS: JAN 12-MAY 8	
5861395	TT	F 12:10-2:00 MEETS: JAN 12-MAY 8	
5861400	UU	F 2:10-4:00 MEETS: JAN 12-MAY 8	
5861405	VV	F 4:10-6:00PM MEETS: JAN 12-MAY 8	
5861410	WW	W 8:00-9:50 MEETS: JAN 12-MAY 8	
5861415	YY	W 10:00-11:50 MEETS: JAN 12-MAY 8	
HONORS-CLASSIC PH I PHYS 221H 5 CREDITS			
Prereq: CR OR ENROLLMENT IN MATH 166, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM			
Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION. RESTRICTED TO UNIV. HONORS STUDENTS ONLY.			
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams .			
5862005	1	MWF 8:00-8:50 TR 9:00-9:50 MEETS: JAN 12-MAY 8	
5862010	2	MWF 9:00-9:50 TR 11:00-11:50 MEETS: JAN 12-MAY 8	
5862015	3	MWF 10:00-10:50 TR 1:10-2:00 MEETS: JAN 12-MAY 8	
5862020	4	MWF 8:00-8:50 TR 1:10-2:00 MEETS: JAN 12-MAY 8	
5862025	5	MWF 11:00-11:50 TR 12:10-1:00 MEETS: JAN 12-MAY 8	
5862050	A	T 2:10-4:00 MEETS: JAN 12-MAY 8	
5862055	B	W 10:00-11:50 MEETS: JAN 12-MAY 8	
5862060	C	T 10:00-11:50 MEETS: JAN 12-MAY 8	
5862065	D	W 10:00-11:50 MEETS: JAN 12-MAY 8	
5862070	E	F 10:00-11:50 MEETS: JAN 12-MAY 8	
5862075	F	T 2:10-4:00 MEETS: JAN 12-MAY 8	
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 WILL BE DROPPED. STUDENTS ENROLLED PREVIOUSLY IN PHYS 222 MUST REGISTER FOR LAB SECTION LW.			
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams .			
5863005	1	MWF 1:10-2:00 T 8:00-8:50 MEETS: JAN 12-MAY 8	
5863010	2	MWF 1:10-2:00 T 9:00-9:50 MEETS: JAN 12-MAY 8	
5863015	3	MWF 1:10-2:00 T 10:00-10:50 MEETS: JAN 12-MAY 8	

PHYSICS

(CONTINUED)

INTR CLASSC	PHYS II	PHYS 222	5 CREDITS
5863020	4	MWF 1:10-2:00 T 11:00-11:50	
5863025	5	MEETS: JAN 12-MAY 8 MWF 1:10-2:00 T 12:10-1:00	
5863030	6	MEETS: JAN 12-MAY 8 MWF 1:10-2:00 T 1:10-2:00	
5863035	7	MEETS: JAN 12-MAY 8 MWF 1:10-2:00 T 2:10-3:00	
5863036	8	MEETS: JAN 12-MAY 8 MWF 1:10-2:00 T 3:10-4:00	
5863037	9	MEETS: JAN 12-MAY 8 MWF 1:10-2:00 T 4:10-5:00	
Note: Materials and professional support fee \$90.00			
5863040	10	MEETS: JAN 12-MAY 8 MWF 1:10-2:00 T 8:00-8:50	
5863045	11	MEETS: JAN 12-MAY 8 MWF 2:10-3:00 T 9:00-9:50	
5863050	12	MEETS: JAN 12-MAY 8 MWF 2:10-3:00 T 10:00-10:50	
5863055	13	MEETS: JAN 12-MAY 8 MWF 2:10-3:00 T 11:00-11:50	
5863060	14	MEETS: JAN 12-MAY 8 MWF 2:10-3:00 T 12:10-1:00	
5863065	15	MEETS: JAN 12-MAY 8 MWF 2:10-3:00 T 1:10-2:00	
5863090	16	MEETS: JAN 12-MAY 8 MWF 2:10-3:00 T 2:10-3:00	
5863095	17	MEETS: JAN 12-MAY 8 MWF 2:10-3:00 T 3:10-4:00	
Note: SEC 17 RESTRICTED TO PHYSICS MAJORS ONLY			
5863100	18	MEETS: JAN 12-MAY 8 MWF 2:10-3:00 T 4:10-5:00	
5863200	A	MEETS: JAN 12-MAY 8 T 8:00-9:50	
5863205	B	MEETS: JAN 12-MAY 8 T 10:00-11:50	
5863215	C	MEETS: JAN 12-MAY 8 T 12:10-2:00	
5863220	D	MEETS: JAN 12-MAY 8 T 2:10-4:00	
5863225	E	MEETS: JAN 12-MAY 8 T 4:10-6:00PM	
5863230	F	MEETS: JAN 12-MAY 8 W 8:00-9:50	
5863235	G	MEETS: JAN 12-MAY 8 W 10:00-11:50	
5863240	J	MEETS: JAN 12-MAY 8 W 12:10-2:00	
5863245	K	MEETS: JAN 12-MAY 8 W 2:10-4:00	
5863250	L	MEETS: JAN 12-MAY 8 W 4:10-6:00PM	
5863255	M	MEETS: JAN 12-MAY 8 R 8:00-9:50	
5863260	N	MEETS: JAN 12-MAY 8 R 10:00-11:50	
5863265	P	MEETS: JAN 12-MAY 8 R 12:10-2:00	
5863270	Q	MEETS: JAN 12-MAY 8 R 2:10-4:00	
Note: SEC Q RESTRICTED TO PHYSICS MAJORS ONLY			
5863275	R	MEETS: JAN 12-MAY 8 R 4:10-6:00PM	
5863280	T	MEETS: JAN 12-MAY 8 R 8:00-9:50	
5863285	U	MEETS: JAN 12-MAY 8 R 10:00-11:50	
5863290	V	MEETS: JAN 12-MAY 8 R 12:10-2:00	
5863295	W	MEETS: JAN 12-MAY 8 R 2:10-4:00	
5863305	Y	MEETS: JAN 12-MAY 8 F 8:00-9:50	
5863310	Z	MEETS: JAN 12-MAY 8 F 10:00-11:50	
5863345	LW	ARRANGED MEETS: JAN 12-MAY 8	
Note: SEC LW IS THE LAB WAIVER SECTION. FOR STUDENTS WHO HAVE ALREADY COMPLETED THIS COURSE'S IN LABS IN THE PAST. STUDENTS MUST APPLY FOR LAB WAIVER ON BLACKBOARD IN 1ST WEEK OF CLASSES			

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 WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION. RESTRICTED TO UNIV. HONORS STUDENTS ONLY. Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams .			
5864005	1	MWF 2:10-3:00 T 3:10-4:00	
5864050	A	MEETS: JAN 12-MAY 8 R 2:10-4:00 MEETS: JAN 12-MAY 8	
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	
6011010	2	MEETS: JAN 12-MAY 8 MWF 11:00-11:50 T 1:10-2:00	
6011015	3	MEETS: JAN 12-MAY 8 MWF 11:00-11:50 T 2:10-3:00	
6011050	A	MEETS: JAN 12-MAY 8 R 4:10-6:00PM	
6011055	B	MEETS: JAN 12-MAY 8 F 12:10-2:00	
6011060	C	MEETS: JAN 12-MAY 8 F 2:10-4:00 MEETS: JAN 12-MAY 8	
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	
9405010	2	MEETS: JAN 12-MAY 8 MWF 11:00-11:50 T 1:10-2:00	
9405015	3	MEETS: JAN 12-MAY 8 MWF 11:00-11:50 T 2:10-3:00	
9405050	A	MEETS: JAN 12-MAY 8 R 4:10-6:00PM	
9405055	B	MEETS: JAN 12-MAY 8 F 12:10-2:00	
9405060	C	MEETS: JAN 12-MAY 8 F 2:10-4:00 MEETS: JAN 12-MAY 8	
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 12-MAY 8	
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 12-MAY 8	
INTERMEDIATE LAB	PHYS 311	1- 2 CREDITS	
Prereq: PHYS 322			
5872005	1	MW 3:10-6:00PM MEETS: JAN 12-MAY 8	
5872010	2	TR 3:10-6:00PM MEETS: JAN 12-MAY 8	
INTMED LAB FOR TCHR	PHYS 311T	3 CREDITS	
Prereq: PHYS 112 OR PHYS 222			
5873005		R 6:10-8:00PM ARRANGED MEETS: JAN 12-MAY 8	
INTR MODERN	PHYS II	PHYS 322	3 CREDITS
Prereq: PHYS 321			
5876005		TR 9:30-10:50 MEETS: JAN 12-MAY 8	
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 12-MAY 8	
5877010	2	T 2:10-4:00 MEETS: JAN 12-MAY 8	
5877015	3	W 2:10-4:00 MEETS: JAN 12-MAY 8	
5877020	4	R 2:10-4:00 MEETS: JAN 12-MAY 8	
5877025	5	T 4:10-6:00PM MEETS: JAN 12-MAY 8	
5877030	6	W 4:10-6:00PM MEETS: JAN 12-MAY 8	

PHYSICS (CONTINUED)

PHYSICS (CONTINUED)

CLASSICAL MECHANICS PHYS 361 3 CREDITS
 Prereq: PHYS 222, MATH 265, CREDIT OR ENROLLMENT IN MATH 266
 5880005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

ELECT& MAGNETISM II PHYS 365 3 CREDITS
 Prereq: PHYS 364
 5883005 1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

JUNIOR SEMINAR PHYS 389 R CREDIT
 Satisfactory-Fail Only.
 3647005 F 9:00-9:50
 MEETS: JAN 12-MAY 8

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5886005 ARRANGED
 MEETS: JAN 12-MAY 8

MOLCLR&CELL BIOPHYS PHYS 432 3 CREDITS
 Prereq: PHYS 304 OR CHEM 325
 8704005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

QUANTUM MECHANCS II PHYS 481 3 CREDITS
 Prereq: PHYS 480
 5891005 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY PHYS 490 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHYS, PERMISSON 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, PERMISSON 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 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

CONDENSED MATTER II PHYS 512 3 CREDITS
 Prereq: PHYS 511
 5897005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

MOLCLR&CELL BIOPHYS PHYS 532 3 CREDITS
 Prereq: PHYS 304 OR CHEM 325
 8708005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

PHYS SEMICOND DEVIC PHYS 536 3 CREDITS
 Prereq: E E 535
 5904005 MW 5:40-7:00PM
 MEETS: JAN 12-MAY 8

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 12-MAY 8

ADV CLASSICL MECHAN PHYS 564 3 CREDITS
 Prereq: PHYS 362, MATH 426, MATH 465
 5907005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

ADV ELECT&MAGNET II PHYS 572 3 CREDITS
 Prereq: PHYS 571
 5909005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

SPCL TOPICS NUCLEAR PHYS 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5910005 ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

SPL TOP HIGH ENERGY PHYS 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5912005 ARRANGED
 MEETS: JAN 12-MAY 8

SPCL TOPICS PHYSICS PHYS 590D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5913005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOPCS APPL PHYS PHYS 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5914005 ARRANGED
 MEETS: JAN 12-MAY 8

QUANTUM PHYSICS II PHYS 592 4 CREDITS
 Prereq: PHYS 591
 5916005 MF 10:00-10:50
 W 9:00-10:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

PH STRONG INTERACTN PHYS 625 3 CREDITS
 Prereq: PHYS 681
 3150005 ARRANGED
 MEETS: JAN 12-MAY 8

ELEMNTY PARTICLE I PHYS 637 3 CREDITS
 Prereq: PHYS 526 AND PHYS 592
 5921005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

MATH MODEL PHYSC SY PHYS 646 3 CREDITS
 9102005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

ADV SEMINAR NUCLEAR PHYS 650A 1 CREDIT
 Satisfactory-Fail Only.
 5923005 R 4:10-5:00
 MEETS: JAN 12-MAY 8

ADV SEM COND MATTER PHYS 650B 1 CREDIT
 Satisfactory-Fail Only.
 5924005 R 4:10-5:00
 MEETS: JAN 12-MAY 8

ADV SEM HIGH ENERGY PHYS 650C 1 CREDIT
 Satisfactory-Fail Only.
 5925005 W 4:10-5:00
 MEETS: JAN 12-MAY 8

ADV SEMINAR PHYSICS PHYS 650D 1 CREDIT
 Satisfactory-Fail Only.
 5926005 F 12:10-1:00
 MEETS: JAN 12-MAY 8

ADV SEMINAR APPLIED PHYS 650E 1 CREDIT
 Satisfactory-Fail Only.
 5927005 M 4:10-6:00PM
 MEETS: JAN 12-MAY 8

ADV TOPICS NUCLEAR PHYS 660A 1- 3 CREDITS
 5928005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV TOP COND MATTER PHYS 660B 1- 3 CREDITS
 5929005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV TOP HIGH ENERGY PHYS 660C 1- 3 CREDITS
 5930005 ARRANGED
 MEETS: JAN 12-MAY 8

PHYSICS

(CONTINUED)

ADV TOPICS PHYSICS PHYS 660D 1- 3 CREDITS
 5931005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV TOPICS APPLIED PHYS 660E 1- 3 CREDITS
 5932005 ARRANGED
 MEETS: JAN 12-MAY 8

QUANTUM FLD THRY II PHYS 682 3 CREDITS
 Prereq: PHYS 681
 5936005 TR 3:40-5:00
 MEETS: JAN 12-MAY 8

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

PLANT BIOLOGY

RESEARCH SEMINAR PLBIO 696 1 CREDIT
 Satisfactory-Fail Only.
 8828005 W 4:10-5:30
 MEETS: JAN 12-MAY 8

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

PLANT PATHOLOGY

PRIN OF PLANT PATH PL P 408 3 CREDITS
 Prereq: 8 CREDITS IN LIFE SCIENCES, INCLUDING BIOL 211
 3898005 1 MW 11:00-11:50
 W 12:10-3:00
 MEETS: JAN 12-MAY 8

3898010 2 MW 11:00-11:50
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8

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 12-MAY 8

SEED PATHOLOGY PL P 494 3 CREDITS
 Prereq: PL P 408
 Note: CREDIT FOR EITHER PL P 494/594 OR STB/PL P 592, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 7927005 MW 11:00-11:50
 F 9:00-11:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

PRIN OF PLANT PATH PL P 508 3 CREDITS
 Prereq: 8 CREDITS IN LIFE SCI, INCLUDING BIOL 211
 3902005 1 MW 11:00-11:50
 W 12:10-3:00
 MEETS: JAN 12-MAY 8

3902010 2 MW 11:00-11:50
 W 3:10-6:00PM
 MEETS: JAN 12-MAY 8

INTG MGT TROPIC CROP PL P 511 3 CREDITS
 Prereq: PL P 408 OR PL P 416 OR ENT 370 OR ENT 376 OR HORT 221
 Note: Meets international perspectives reqmt
 4465005 ARRANGED
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS PL P 590 1- 3 CREDITS
 Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COLLOQ IN PLANT PTH PL P 694 2 CREDITS
 Prereq: PL P 408 OR PL 416; PERMISSION OF INSTRUCTOR
 5958005 ARRANGED
 MEETS: JAN 12-MAY 8

PLANT PATHOLOGY

(CONTINUED)

SEMINAR PL P 698 1 CREDIT
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

THESIS&DIS RESEARCH PL P 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

ORIENTATN POLIT SCI POL S 101 1 CREDIT
 Prereq: POL S AND OPEN OPTION MAJORS ONLY OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO POL S MAJORS ONLY
 Satisfactory-Fail Only.
 3912005 TR 11:00-11:50
 MEETS: JAN 12-MARCH 6

INTR AMERIC GOVERN POL S 215 3 CREDITS
 5961005 A MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 5961010 B TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 5961015 C MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

INTRO ETHICS&POLITCS POL S 235 3 CREDITS
 5715005 A MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 5715010 B MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S.

INTR CMPAR GOVT&POL POL S 241 3 CREDITS
 Note: Meets international perspectives reqmt
 5963005 A MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 5963010 B TR 9:30-10:50
 MEETS: JAN 12-MAY 8

INTRO INTERNATL POL POL S 251 3 CREDITS
 Note: Meets international perspectives reqmt
 5964005 A MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 5964010 B TR 11:00-12:20
 MEETS: JAN 12-MAY 8

INTRO EMPIRCL RSRCH POL S 301 3 CREDITS
 Prereq: 3 CREDITS IN POL S; ONE STAT COURSE REQUIRED; SOPHOMORE CLASSIFICATION
 5965005 A TR 8:00-9:20
 MEETS: JAN 12-MAY 8

PUB OPINION&VOT BHV POL S 306 3 CREDITS
 Prereq: 6 CR IN POL S OR SOPH CLASSIFICATION
 9242005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

STATE & LOCAL GOVT POL S 310 3 CREDITS
 Prereq: 3 CR IN POL S
 5968005 A TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 5968010 B TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S

SPL TOP CMPTV POLIT POL S 314 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: USE OF POL S 312,313,314,315 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRAD STUDIES SECTION OF CATALOG FOR DETAILS.
 8812005 1 MWF 3:10-4:00
 MEETS: JAN 12-MARCH 6
 MANUKYAN A

8812010 2 MWF 3:10-4:00
 MEETS: MARCH 9-MAY 8
 MANUKYAN A

8812015 3 TR 3:40-5:00
 MEETS: JAN 12-MARCH 6
 SMITH A

SPL TOP INTL RELATN POL S 315 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: USE OF POL S 312,313,314,315 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRAD STUDIES SECTION OF CATALOG FOR DETAILS.
 TOPIC: CANADIAN POLITICS & FOREIGN POLICY
 Meets international perspectives reqmt
 8813005 1 T 6:00-9:00PM
 MEETS: MARCH 9-MAY 8
 MCCORMICK J

8813605 XV ARRANGED
 MEETS: MARCH 9-MAY 8
 MANSBACH R
 Note: Section XV is off campus
 Course delivery is WWW

8813600 XW ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: Section XW is off campus
 Course delivery is WWW

POLITICAL SCIENCE (CONTINUED)

POLITICAL SCIENCE (CONTINUED)

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 DEAM D
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 3865010 B MWF 12:10-1:00 DEAM D
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S.

AMER JUDICIAL PROC POL S 320 3 CREDITS
 Prereq: POL S 215
 5970005 A TR 2:10-3:30 WAGGONER K
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO CJ ST, INDIS, POL S MAJORS
 5970010 B TR 2:10-3:30 WAGGONER K
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S.

SCI,TEC&PUBLC POLCY POL S 335 3 CREDITS
 7987005 A R 6:10-9:00PM DEAM D
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 7987010 B R 6:10-9:00PM DEAM D
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S

LIBERTY&LAW IN AMER POL S 339X 3 CREDITS
 Prereq: SOPHOMORE STANDING
 9485005 TR 12:40-2:00 TUCKNESS A
 MEETS: JAN 12-MAY 8

LATIN AM GOV'T & POL POL S 343 3 CREDITS
 5974005 1A MWF 1:10-2:00 SCHMIDT S
 MEETS: JAN 12-MAY 8
 Note: SEC 1A RESTRICTED TO POL S MAJORS ONLY
 5974010 1B MWF 1:10-2:00 SCHMIDT S
 MEETS: JAN 12-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN POL S.

PUBLIC POLICY POL S 344 3 CREDITS
 9243005 A MWF 11:00-11:50 WANG Y
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 9243010 B MWF 11:00-11:50 WANG Y
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S

EUROPEAN POLITICS POL S 346 3 CREDITS
 5976005 A TR 12:40-2:00 PIRRO E
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 5976010 B TR 12:40-2:00 PIRRO E
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S

ISSUES FOREIGN PLCY POL S 359 3 CREDITS
 Prereq: POL S 215, POL S 251, OR POL S 358
 1006005 A TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 1006010 B TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S.

AMER INSTI:PRESIDEN POL S 361 3 CREDITS
 Prereq: POL S 215
 5981005 A MWF 1:10-2:00 ANDERSEN D
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 5981010 B MWF 1:10-2:00 ANDERSEN D
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S.

THE JUDICIARY POL S 362X 3 CREDITS
 Prereq: POL S 215
 9378005 TR 11:00-12:20 WAGGONER K
 MEETS: JAN 12-MAY 8

POL PARTI&INTRST GR POL S 364 3 CREDITS
 Prereq: POL S 215; SOPHOMORE CLASSIFICATION
 6003005 A MWF 2:10-3:00 SHAW K
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 6003010 B MWF 2:10-3:00 SHAW K
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S

RELIGION & POLITICS POL S 370 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 3166005 A TR 12:40-2:00 SMITH A
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 3166010 B TR 12:40-2:00 SMITH A
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S

INT'L POLIT ECONOMY POL S 381 3 CREDITS
 1000005 A MWF 10:00-10:50 URBATSCH R
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS.
 1000010 B MWF 10:00-10:50 URBATSCH R
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S.

WOMEN IN POLITICS POL S 385 3 CREDITS
 Note: Meets U.S. diversity reqmt
 5983005 A TR 2:10-3:25 DITONTO T
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 5983010 B TR 2:10-3:25 DITONTO T
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S

ADV WRITING POL SCI POL S 395 R CREDIT
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN POL S 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION
 COORDINATOR; JUNIOR CLASSIFICATION
 4566005 ARRANGED
 MEETS: JAN 12-MAY 8

CONSTITUTNL FREEDMS POL S 421 3 CREDITS
 Prereq: POL S 320 OR POL S 420
 5989005 MWF 2:10-3:00 DEAM D
 MEETS: JAN 12-MAY 8

COMP FOREIGN POLICY POL S 452 3 CREDITS
 Prereq: POL S 251
 Note: Meets international perspectives reqmt
 6000005 TR 9:30-10:50 PIRRO E
 MEETS: JAN 12-MAY 8

INT'L ORGANIZATIONS POL S 453 3 CREDITS
 Prereq: POL S 251
 6001005 A MWF 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 6001010 B MWF 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S

MGMT PUBLIC SECTOR POL S 475 3 CREDITS
 Prereq: POL S 371
 6005005 R 6:10-9:00PM JACKSON M
 MEETS: JAN 12-MAY 8
 6005600 XW ARRANGED JACKSON M
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ETHICS&PUBLC POLICY POL S 480 3 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 6008005 TR 9:30-10:50 TUCKNESS A
 MEETS: JAN 12-MAY 8
 6008600 XW ARRANGED TUCKNESS A
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

IND STUDY AMER GOV'T POL S 490A VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY THRY&METHD POL S 490B VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY COMPAR POL POL S 490C VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA POL S 490D VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE (CONTINUED)

IND STDY EXT CREDIT POL S 490E 1- 2 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 ***** Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR POL S 490G VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 ***** Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS POL S 490H VAR. CREDITS
 Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 ***** Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS POL S 491 3 CREDITS
 Prereq: 21 CREDITS OF POL S, SENIOR STATUS AND PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHING INTERNSHIP POL S 496 3 CREDITS
 Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSN Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP POL S 497 3 CREDITS
 Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSN Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN POL S 498 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4568005 1 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

POL SCI INTERNSHIP POL S 499 VAR. CREDITS
 Prereq: 6 CREDITS IN POL S; JUNIOR OR SENIOR CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR
 Note: USE OF POL S 499 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 ***** Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROSEMN INT'L POLIT POL S 504 3 CREDITS
 Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING
 7218005 M 6:00-9:00PM URBATSCH R
 MEETS: JAN 12-MAY 8

PROSEMN PUBLIC POLCY POL S 507 3 CREDITS
 Prereq: SIX CREDITS IN POL S OR GRADUATE STANDING
 4975005 W 6:10-9:00PM SHELLEY M
 MEETS: JAN 12-MAY 8
 4975600 XW ARRANGED SHELLEY M
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INTL BIORNW LAW&POL POL S 516X 3 CREDITS
 7425005 TR 12:40-2:00 WANG Y
 MEETS: JAN 12-MAY 8
 7425600 XW ARRANGED WANG Y
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INFO ASSUR LEGAL&ET POL S 534 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, CPR E 531/
 INFAS 531
 7329005 A M 6:10-9:00PM PETERS K
 MEETS: JAN 12-MAY 8
 7329600 XE ARRANGED PETERS K
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

CONTEMP POLITC PHIL POL S 535 3 CREDITS
 Prereq: 6 CREDITS OF PHIL OR POL S
 3790005 W 3:10-5:40 SMITH T
 MEETS: JAN 12-MAY 8

POLITICAL SCIENCE (CONTINUED)

COMP FOREIGN POLICY POL S 552 3 CREDITS
 Prereq: POL S 251
 Note: Meets international perspectives reqmt
 6029005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

POLIT&MGT NONPROFIT POL S 570 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 3896005 W 6:10-9:00PM
 MEETS: JAN 12-MAY 8

PUBLIC FINANC&BUDGT POL S 572 3 CREDITS
 6034005 T 6:10-9:00PM SHAW K
 MEETS: JAN 12-MAY 8
 6034600 XE ARRANGED SHAW K
 MEETS: JAN 12-MAY 8
 Note: Section XE is off campus
 Course delivery is WWW

PUB PERSONNEL ADMIN POL S 573 3 CREDITS
 6035005 W 6:10-9:00PM
 MEETS: JAN 12-MAY 8

MGMT PUBLIC SECTOR POL S 575 3 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 6037005 R 6:10-9:00PM JACKSON M
 MEETS: JAN 12-MAY 8
 6037600 XW ARRANGED JACKSON M
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ETHICS&PUBLIC AFFAI POL S 580 3 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 6040005 TR 9:30-10:50 TUCKNESS A
 MEETS: JAN 12-MAY 8
 6040600 XW ARRANGED TUCKNESS A
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ELECTRONC DEMOCRACY POL S 587 3 CREDITS
 Prereq: SOPHOMORE STANDING OR INSTRUCTOR PERMISSN
 3084005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

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
 ***** 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.
 6050005 ARRANGED
 MEETS: JAN 12-MAY 8
 6050003 AS ARRANGED
 MEETS: JAN 12-MAY 8
 6050028 KP ARRANGED
 MEETS: JAN 12-MAY 8

POLITICAL SCIENCE

(CONTINUED)

INTERNSHIP POL S 598 3- 6 CREDITS
Prereq: 15 CREDITS IN POL S, INSTRUCTR PERMISSION
4540005 ARRANGED
MEETS: JAN 12-MAY 8

CREATIVE COMPONENT POL S 599 VAR. CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

SEM INT'L RELATIONS POL S 610E 3 CREDITS
Prereq: 15 CREDITS IN POLITICAL SCIENCE
Note: Instructor permission required 1st week.
6057005 ARRANGED
MEETS: JAN 12-MAY 8

SEM POLICY PROCESS POL S 610F 3 CREDITS
Prereq: 15 CREDITS IN POLITICAL SCIENCE
6058005 ARRANGED
MEETS: JAN 12-MAY 8

SEM PUB ADMIN&POLCY POL S 610G 3 CREDITS
Prereq: 15 CREDITS IN POLITICAL SCIENCE
Note: Instructor permission required 1st week.
6059005 ARRANGED
MEETS: JAN 12-MAY 8

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

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS
Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

6069005 A TR 9:30-10:50 COOPER E
MEETS: JAN 12-MAY 8

6069010 B TR 11:00-12:20 COOPER E
MEETS: JAN 12-MAY 8

LAB INTRODUC PSYCH PSYCH 102 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN PSYCH 101
Note: SEC A1,B1 ECT. RESTRICTED TO PSYCH MAJORS ONLY.
SEC A2,B2 ECT FOR MAJORS OTHER THAN PSYCH.

4786005 A1 T 1:10-3:00
MEETS: JAN 12-MAY 8

4786010 A2 T 1:10-3:00
MEETS: JAN 12-MAY 8

4786015 B1 W 8:00-9:50
MEETS: JAN 12-MAY 8

4786020 B2 W 8:00-9:50
MEETS: JAN 12-MAY 8

4786025 C1 T 3:10-5:00
MEETS: JAN 12-MAY 8

4786030 C2 T 3:10-5:00
MEETS: JAN 12-MAY 8

4786035 D1 R 1:10-3:00
MEETS: JAN 12-MAY 8

4786040 D2 R 1:10-3:00
MEETS: JAN 12-MAY 8

ORIENTATN TO PSYCH PSYCH 111 .5 CREDIT
Satisfactory-Fail Only.
6068005 W 3:10-4:00
MEETS: JAN 14-MARCH 25

PSY LRN CMNTY SEMNR PSYCH 112 1 CREDIT
Prereq: PARTICIPATION IN FRESHMAN LEARNING COMMUNITY
Satisfactory-Fail Only.

9388005 1 W 3:10-4:00 CUTRONA C
MEETS: JAN 12-MAY 8

9388010 2 W 3:10-4:00 SCHEEL K
MEETS: JAN 12-MAY 8

ACAD LEARNG SKILLS PSYCH 131 1 CREDIT
Satisfactory-Fail Only.

6071010 AB M 9:00-9:50, ARRANGED
MEETS: JAN 12-MAY 8
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071025 AD M 11:00-11:50
ARRANGED
MEETS: JAN 12-MAY 8
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071035 AF M 1:10-2:00, ARRANGED
MEETS: JAN 12-MAY 8
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071060 BC T 10:00-10:50
ARRANGED
MEETS: JAN 12-MAY 8
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071080 BG T 2:10-3:00, ARRANGED
MEETS: JAN 12-MAY 8
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071105 CB W 9:00-9:50, ARRANGED
MEETS: JAN 12-MAY 8
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

PSYCHOLOGY

(CONTINUED)

ACAD LEARNG SKILLS PSYCH 131 1 CREDIT
6071120 CD W 11:00-11:50
ARRANGED
MEETS: JAN 12-MAY 8
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071130 CF W 1:10-2:00, ARRANGED
MEETS: JAN 12-MAY 8
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071200 DC R 10:00-10:50
ARRANGED
MEETS: JAN 12-MAY 8
Note: Instructor permission required 1st week.

6071230 DG R 2:10-3:00, ARRANGED
MEETS: JAN 12-MAY 8
Note: Instructor permission required 1st week.
Section info: <http://www.dso.iastate.edu/psych131/>

6071210 EB F 9:00-9:50, ARRANGED
MEETS: JAN 12-MAY 8
Note: Instructor permission required 1st week.
Section info: <http://http://www.dso.iastate.edu/asc/psych131/>

6071215 ED F 11:00-11:50
ARRANGED
MEETS: JAN 12-MAY 8
Note: Instructor permission required 1st week.
Section info: <http://http://www.dso.iastate.edu/asc/psych131/>

6071220 EF F 1:10-2:00, ARRANGED
MEETS: JAN 12-MAY 8
Note: Instructor permission required 1st week.

6071300 MA MW 8:00-8:50, ARRANGED
MEETS: MARCH 9-MAY 8

6071305 MC MW 10:00-10:50
ARRANGED
MEETS: MARCH 9-MAY 8
Note: Instructor permission required 1st week.

6071320 ME MF 12:10-1:00
ARRANGED
MEETS: MARCH 9-MAY 8
Note: Instructor permission required 1st week.

6071360 NA TR 8:00-8:50, ARRANGED
MEETS: MARCH 9-MAY 8
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 PHILLIPS W
MEETS: JAN 12-MAY 8

6072010 B TR 9:30-10:50 PHILLIPS W
MEETS: JAN 12-MAY 8

6072600 XW ARRANGED KIDNER W
MEETS: JAN 12-MAY 8
Note: Section XW is off campus
Course delivery is WWW

SOCIAL PSYCHOLOGY PSYCH 280 3 CREDITS
Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

6075005 A TR 12:40-2:00 WELLS G
MEETS: JAN 12-MAY 8

6075010 B TR 2:10-3:30 WELLS G
MEETS: JAN 12-MAY 8

6075600 XW ARRANGED LAM C
MEETS: JAN 12-MAY 8
Note: Section XW is off campus
Course delivery is WWW

INTRO RESRCH EXPRNC PSYCH 291 1- 4 CREDITS
Prereq: PSYCH 101, SOPHOMORE CLASSIFICATION,
INSTRUCTOR PERMISSION
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

RES DSGN & METHODOL PSYCH 301 3 CREDITS
Prereq: STAT 101; 1 COURSE IN PSYCHOLOGY
Note: COURSE RESTRICTED TO PSYCH MAJORS. PSYCH MINORS
ARE ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN ADD
SLIP IN W022 LAGOMARCINO HALL.

6076005 A TR 2:10-3:30 GUYLL M
MEETS: JAN 12-MAY 8

6076010 B MWF 2:10-3:00 COOPER E
MEETS: JAN 12-MAY 8

RESRCH METHODS PSYC PSYCH 302 3 CREDITS
Prereq: PSYCH 301, ENGL 250
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY

1173005 A TR 9:00-10:50 CHAN C
MEETS: JAN 12-MAY 8

1173010 B TR 11:00-12:50 ACERBO M
MEETS: JAN 12-MAY 8

1173015 C MW 10:00-11:50 MADON S
MEETS: JAN 12-MAY 8

PSYCHOLOGY

(CONTINUED)

PSYCHOLOGY

(CONTINUED)

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS
 Prereq: PSYCH 101
 1515005 A1 TR 2:10-3:30 ACERBO M
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 1515010 A2 TR 2:10-3:30 ACERBO M
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

SENSATION & PERCEPTN PSYCH 312 3 CREDITS
 Prereq: PSYCH 101
 6079005 A1 TR 3:40-5:00 KELLY J
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6079010 A2 TR 3:40-5:00 KELLY J
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

LEARNING & MEMORY PSYCH 313 3 CREDITS
 Prereq: PSYCH 101
 6080005 A1 MWF 10:00-10:50 CARPENTER S
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6080010 A2 MWF 10:00-10:50 CARPENTER S
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

MOTIVATION PSYCH 314 3 CREDITS
 Prereq: PSYCH 101
 6081005 A1 MWF 10:00-10:50 SCHEEL K
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6081010 A2 MWF 10:00-10:50 SCHEEL K
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

DRUGS & BEHAVIOR PSYCH 315 3 CREDITS
 Prereq: PSYCH 101
 6082005 A1 MWF 2:10-3:00 ACERBO M
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6082010 A2 MWF 2:10-3:00 ACERBO M
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

COGNITIVE PSYCHOLOGY PSYCH 316 3 CREDITS
 Prereq: PSYCH 101
 6083005 A1 TR 3:40-5:00 CHAN C
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6083010 A2 TR 3:40-5:00 CHAN C
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

THINKING&DECISN MAK PSYCH 318 3 CREDITS
 Prereq: PSYCH 101; STAT 101 OR MATH 104 OR
 EQUIVALENT
 8995005 A1 MWF 11:00-11:50 DARK V
 MEETS: JAN 12-MAY 8
 8995010 A2 MWF 11:00-11:50 DARK V
 MEETS: JAN 12-MAY 8

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 12-MAY 8

ABNORM PSY CHD&ADOL PSYCH 335 3 CREDITS
 Prereq: PSYCH 101; PSYCH 230 OR HD FS 102
 4299005 A1 TR 8:00-9:15
 MEETS: JAN 12-MAY 8
 4299010 A2 TR 8:00-9:15
 MEETS: JAN 12-MAY 8

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 SCHEEL K
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6085010 A2 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

U.S. LATINO/A PSYCH PSYCH 347 3 CREDITS
 Prereq: TWO COURSES IN PSYCHOLOGY INCLUDING
 PSYCH 101
 Note: SEC A1,B1 RESTRICTED TO PSYCH MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN PSYCH.
 Meets U.S. diversity reqmt
 9184005 A1 TR 11:00-12:15 PRIETO L
 MEETS: JAN 12-MAY 8
 9184010 A2 TR 11:00-12:15 PRIETO L
 MEETS: JAN 12-MAY 8

PSYCHOL OF RELIGION PSYCH 348 3 CREDITS
 Prereq: NINE CREDITS IN PSYCHOLOGY
 7034005 A1 TR 9:30-10:45 WADE N
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 7034010 A2 TR 9:30-10:45 WADE N
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

PERSONALITY PSYCHOL PSYCH 360 3 CREDITS
 Prereq: PSYCH 101
 6087005 A1 MWF 1:10-2:00 HESSLING R
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6087010 A2 MWF 1:10-2:00 HESSLING R
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER PSYCH

PSYCHOLOGY AND LAW PSYCH 383 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 280
 9080005 A1 MWF 1:10-2:00 MADON S
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 9080010 A2 MWF 1:10-2:00 MADON S
 MEETS: JAN 12-MAY 8
 Note: SEC A2 RESTRICTED TO INDIS MAJORS ONLY
 9080015 A3 MWF 1:10-2:00 MADON S
 MEETS: JAN 12-MAY 8
 Note: SEC A3 FOR MAJORS OTHER THAN INDIS, PSYCH

MEDIA PSYCHOLOGY PSYCH 386 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230 OR PSYCH 280
 8576600 XW ARRANGED PROT S
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

HISTORY OF PSYCHOLG PSYCH 401 3 CREDITS
 Prereq: 4 COURSES IN PSYCH
 6089005 A1 TR 9:30-10:50 SCHEEL K
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6089010 A2 TR 9:30-10:50 SCHEEL K
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

EVOLUTIONARY PSYCH PSYCH 411 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION; THREE COURSES
 IN PSYCH; ONE COURSE IN BIOLOGY
 6924005 A1 M 6:10-9:00PM COOPER E
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 6924010 A2 M 6:10-9:00PM COOPER E
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

PSYCH OF LANGUAGE PSYCH 413 3 CREDITS
 Prereq: PSYCH 101
 6092005 A1 TR 12:40-2:00 MORRIS A
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 6092010 A2 TR 12:40-2:00 MORRIS A
 MEETS: JAN 12-MAY 8
 Note: SEC A2 RESTRICTED TO LING MAJORS
 6092015 A3 TR 12:40-2:00 MORRIS A
 MEETS: JAN 12-MAY 8
 Note: SEC A3 FOR MAJORS OTHER THAN PSYCH OR
 LING

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 ARMSTRONG P
 F 8:00-9:50
 MEETS: JAN 12-MAY 8
 6099010 B M 12:10-2:00 ARMSTRONG P
 W 12:10-2:00
 MEETS: JAN 12-MAY 8
 6099015 C M 12:10-2:00 ARMSTRONG P
 F 12:10-2:00
 MEETS: JAN 12-MAY 8
 6099020 D M 12:10-2:00 ARMSTRONG P
 W 4:10-6:00PM
 MEETS: JAN 12-MAY 8

INDUSTRIAL PSYCHOLG PSYCH 450 3 CREDITS
 Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH
 101, STAT 101
 6100005 A1 MW 3:10-4:30 HANISCH K
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 6100010 A2 MW 3:10-4:30 HANISCH K
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

PSYCHOLOGY (CONTINUED)

PSYCHOLOGY (CONTINUED)

ABNORMAL PSYCHOLOGY PSYCH 460 3 CREDITS
 Prereq: 3 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101
 Note: SEC A1,B1 RESTRICTED TO PSYCH MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN PSYCH.
 6102005 A1 TR 2:10-3:30 PRIETO L
 MEETS: JAN 12-MAY 8
 6102010 A2 TR 2:10-3:30 PRIETO L
 MEETS: JAN 12-MAY 8

CULTURAL PSYCHOLOGY PSYCH 488 3 CREDITS
 Prereq: PSYCH 280 AND PSYCH 301; JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 5698005 A1 W 2:10-5:00 CROSS S
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 5698010 A2 W 2:10-5:00 CROSS S
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

INDEPENDENT STUDY PSYCH 490 1- 3 CREDITS
 Prereq: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSN
 Note: NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PSYCH 490H 1- 3 CREDITS
 Prereq: JR CLASSIFCATN, 6 CR IN PSYCH, INSTRUCTOR PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF 490 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM PSYCH 491 VAR. CREDITS
 Prereq: JR CLASSIFICATION, INSTR PERMISSION, CREDIT OR ENROLLMENT IN PSYCH 301
 Note: NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD PRACTCM:HUMN SV PSYCH 492A VAR. CREDITS
 Prereq: JUNIOR CLASSIFICATION, 12 CREDITS IN PSYCHOLOGY; PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 4398005 ARRANGED CUTRONA C
 MEETS: JAN 12-MAY 8

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.
 4420005 ARRANGED HANISCH K
 MEETS: JAN 12-MAY 8

COGNITIVE NEUROPSYCH PSYCH 519 3 CREDITS
 Prereq: PSYCH 310 AND PSYCH 316 OR PSYCH 313; GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 4106005 M 5:10-8:00PM MORRIS A
 MEETS: JAN 12-MAY 8

METHDS HUMAN&CMPUTR PSYCH 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7051005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

APP PSY MEASUREMENT PSYCH 542 3 CREDITS
 Prereq: PSYCH 440
 6122005 F 9:00-11:50 ARMSTRONG P
 MEETS: JAN 12-MAY 8

PERSONALITY ASEMNT 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 11:00-12:20 PHILLIPS W
 MEETS: JAN 12-MAY 8
 Note: Materials fee \$75.00

SPCL TOP COUNSELING PSYCH 590A VAR. CREDITS
 Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC COGNITIVE PSYCH 590Q VAR. CREDITS
 Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS SOCIAL PSYCH 590R VAR. CREDITS
 Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GENERAL PSYCH 590Z VAR. CREDITS
 Prereq: 12 HOURS IN PSYCH, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

QNT MTH MISSNG DATA PSYCH 594L 1 CREDIT
 Prereq: PSYCH 501 OR EQUIVALENT
 9706005 TR 3:40-5:00 ABRAHAM W
 MEETS: FEB 17-MARCH 26

QNT MTH POWER ANALY PSYCH 594M 1 CREDIT
 Prereq: PSYCH 501 OR EQUIVALENT
 9707005 TR 3:40-5:00 ABRAHAM W
 MEETS: MARCH 31-APRIL 30

SEM SOC PSY:AGGRESN PSYCH 595B 1- 3 CREDITS
 Prereq: 12 CREDITS IN PSYCH
 5444005 TR 9:30-10:45 ANDERSON C
 MEETS: JAN 12-MAY 8

INTERNSHIP IN PSYCH PSYCH 597 R CREDIT
 Prereq: M.S. DEGREE CANDIDACY; PERMISSION OF INSTRUCTOR
 7659005 ARRANGED
 MEETS: JAN 12-MAY 8

SMNAR COGNTV:MEMORY PSYCH 598B VAR. CREDITS
 Prereq: PSYCH 516; PSYCH 501 OR STAT 401
 6132005 W 3:10-6:00PM CARPENTER S
 MEETS: JAN 12-MAY 8

CREATIVE COMPONENT PSYCH 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VOCATIONAL BEHAVIOR PSYCH 623 3 CREDITS
 Prereq: 3 COURSES IN PSYCH OR GRAD CLASSIFICATION
 6152005 W 2:10-5:00
 MEETS: JAN 12-MAY 8
 Note: Materials fee \$75.00

TEACHING OF PSYCH PSYCH 633 3 CREDITS
 Prereq: ENROLLMENT IN DOCTORAL DEGREE PROGRAM IN PSYCH, COMPLETION OF AT LEAST ONE YEAR OF GRAD STUDY, PERMISSION OF INSTRUCTOR
 6156005 TR 12:40-2:00 PRIETO L
 MEETS: JAN 12-MAY 8

PRACTCM BEG COUNSEL PSYCH 691A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACT INTMD COUNSEL PSYCH 691B VAR. CREDITS
 Prereq: PSYCH 691A, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTCM ADV COUNSEL PSYCH 691C VAR. CREDITS
 Prereq: PSYCH 691A, PSYCH 691B, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXT PRCTCM ADV CNSL PSYCH 691D VAR. CREDITS
 Prereq: 691A, 691B, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACT GROUP COUNSEL PSYCH 691G VAR. CREDITS
 Prereq: PSYCH 626, PSYCH 691A, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM TEACHING PSYCH 691T VAR. CREDITS
 Prereq: PSYCH 633, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEMNR COGNITV PSYCH 692Q 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2014.
 7667005 W 12:10-1:00 WEST R
 MEETS: JAN 12-MAY 8

RESRCH SEMNR SOCIAL PSYCH 692R 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014.
 9085005 F 12:10-1:30 GUYLL M
 ARRANGED
 MEETS: JAN 12-MAY 8

INTERN COUNSELING PSYCH 697 R CREDIT
 Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN
 6182005 ARRANGED
 MEETS: JAN 12-MAY 8

RESEARCH PSYCH 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PUBLIC RELATIONS

PRIN PUBLIC RELATNS P R 220 3 CREDITS
 6906005 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

STRATEG PLAN AD&P.R P R 301 3 CREDITS
 Prereq: ADVRT 230 OR JL MC 220; SOPHOMORE
 CLASSIFICATION

6910005 1A MW 9:30-10:50
 MEETS: JAN 12-MAY 8

6910010 1B MW 9:30-10:50
 MEETS: JAN 12-MAY 8

6910015 2A TR 12:40-2:00
 MEETS: JAN 12-MAY 8

6910020 2B TR 12:40-2:00
 MEETS: JAN 12-MAY 8

6910025 3A TR 8:00-9:20
 MEETS: JAN 12-MAY 8

6910030 3B TR 8:00-9:20
 MEETS: JAN 12-MAY 8

6910035 4A TR 9:30-10:50
 MEETS: JAN 12-MAY 8

6910040 4B TR 9:30-10:50
 MEETS: JAN 12-MAY 8

6910045 5A TR 11:00-12:20
 MEETS: JAN 12-MAY 8

6910050 5B TR 11:00-12:20
 MEETS: JAN 12-MAY 8

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 9:30-10:50
 MEETS: JAN 12-MAY 8

6911010 2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

6911015 3 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

PUBLIC RELATNS WRIT P R 321 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201; ADVRT 301
 OR P R 301. RECOMMENDED: JL MC 242 AND JL MC 316
 OR COMPUTER DESIGN PROFICIENCY.

7171005 MW 10:00-11:50
 MEETS: JAN 12-MAY 8

7171010 2 TR 2:10-4:00
 MEETS: JAN 12-MAY 8

PRO SKILL DEVEL:MAP P R 390A 1 CREDIT
 Note: NO MORE THAN 3 CREDITS IN JL MC/ADVRT/P R 390 MAY
 BE APPLIED TOWARD MAJOR REQUIREMENTS FOR GRADUATION
 COURSE TOPIC: "MEREDITH APPRENTICE PROGRAM".

8803005 1 T 8:00-9:20
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

PRO SKIL:FASHN WRIT P R 390J 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR
 PERMISSION

9787005 1 TR 10:20-12:30
 MEETS: JAN 12-MAY 8
 Note: SEC 1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY

9787010 2 TR 3:10-5:20
 MEETS: JAN 12-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN ADVRT, JL MC,
 P R

PUBLIC REL CAMPAIGN P R 424 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 321; JUNIOR
 CLASSIFICATION

7211005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

SPL TOP COMPUT COMM P R 497J 3 CREDITS
 9769005 A1 R 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY

9769010 A2 R 6:10-9:00PM
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ADVRT, JL MC
 P R

RELIGIOUS STUDIES

INTRO WRLD RELIGION RELIG 205 3 CREDITS
 Note: Meets international perspectives reqmt

6109005 A TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 CHILCOTT T

6109010 B TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 CHILCOTT T

6109015 C TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 BROUCEK J

6109020 D TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 CARAWAY R

6109025 E TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 ESLINGER B

6109030 F TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 CARAWAY R

RELIGIOUS STUDIES

(CONTINUED)

RELIGION IN AMERICA RELIG 210 3 CREDITS
 Note: Meets U.S. diversity reqmt

6188005 A MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 CHASE C

6188010 B MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 CHASE C

6188015 C TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 VELDMAN R

6188020 D TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 ESLINGER B

6188025 E TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 ESLINGER B

CHRISTINTY:RFRMTN ON RELIG 243 3 CREDITS
 5242005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

MEDIEVAL PHILOSOPHY RELIG 312X 3 CREDITS
 Prereq: PHIL 201

8456005 TR 2:10-3:25
 MEETS: JAN 12-MAY 8
 CONNOLLY P

NEW TESTAMENT RELIG 322 3 CREDITS
 6195005 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8
 AVALOS H

CHRISTIANITY&SCIENC RELIG 324 3 CREDITS
 Prereq: BIOL 101, OR ANOTHER SCIENCE COURSE
 TAUGHT AT ISU

2458005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 CLIFFORD A

AFRI AMER RELIG EXP RELIG 334 3 CREDITS
 Prereq: PRIOR COURSE WORK IN RELIG OR AF AM
 RECOMMENDED

8636005 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 CHASE C

PSYCHOL OF RELIGION RELIG 348 3 CREDITS
 Prereq: NINE CREDITS IN PSYCHOLOGY

7036005 A1 TR 9:30-10:45
 MEETS: JAN 12-MAY 8
 WADE N

Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.

7036010 A2 TR 9:30-10:45
 MEETS: JAN 12-MAY 8
 WADE N

Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

INTRODUCTN TO ISLAM RELIG 358 3 CREDITS
 Note: Meets international perspectives reqmt

3332005 TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 BROUCEK J

RELIGION & POLITICS RELIG 370 3 CREDITS
 3165005 A TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 SMITH A

Note: SEC A RESTRICTED TO POL S MAJORS ONLY

3165010 B TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 SMITH A

Note: SEC B FOR MAJORS OTHER THAN POL S

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 12-MAY 8
 CLIFFORD A

SEM:ISS STUDY RELIG RELIG 475 3 CREDITS
 Prereq: 6 CREDITS IN RELIGIOUS STUDIES

6204005 M 11:00-1:30
 MEETS: JAN 12-MAY 8
 AVALOS H

THEORY&METHD R STDI RELIG 485 3 CREDITS
 Prereq: 6 CREDITS IN RELIGIOUS STUDIES OR
 PERMISSION OF INSTRUCTOR

6259005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 CHILCOTT T

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

RELIGIOUS STUDIES

(CONTINUED)

SPL TOP RELIG STUDI RELIG 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, 9 CR IN RELIG
 3617005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 3617030 SD ARRANGED
 MEETS: JAN 12-MAY 8

RESEARCH & EVALUATION

INTRO EDUC RESEARCH RESEV 550 3 CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 6211005 1 M 5:30-8:20PM
 MEETS: JAN 12-MAY 8

BASIC EDUC STATISTIC RESEV 552 3 CREDITS
 7368005 1 R 5:30-8:30PM
 MEETS: JAN 12-MAY 8

INTMED EDUC STATIST RESEV 553 3 CREDITS
 Prereq: RESEV 552 OR STAT 401
 Note: COURSE FOR STUDENTS IN EDUCATION
 7684005 1 M 5:10-8:00PM
 MEETS: JAN 12-MAY 8
 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 5:30-8:30PM
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS RESEV 590 1- 3 CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRVSD FIELD EXPER RESEV 591 2- 4 CREDITS
 Prereq: RESEV 553 OR RESEV 680
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROGRAM ASSESS&EVAL RESEV 597 3 CREDITS
 Prereq: RESEV 550
 Note: COURSE RESTRICTED TO COLLEGE OF HUMAN SCIENCES
 GRADUATE STUDENTS.
 6218005 1 R 9:00-11:50
 MEETS: JAN 12-MAY 8
 6218010 2 M 9:00-10:50
 MEETS: JAN 12-MAY 8

CRIT ISS QLTV INQUI RESEV 680 3 CREDITS
 Prereq: RESEV 580
 4564005 W 5:10-8:00PM
 MEETS: JAN 12-MAY 8

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 MTWR 11:00-11:50 VOROZHBIT M
 MEETS: JAN 12-MAY 8

INTERMED RUSSIAN II RUS 202 4 CREDITS
 Prereq: RUS 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 Meets international perspectives reqmt
 6229005 1 MTWR 9:00-9:50 VOROZHBIT M
 MEETS: JAN 12-MAY 8

RUSSN FILM STU ENGL RUS 378 3 CREDITS
 Note: TOPIC: MASTERPIECES OF RUSSIAN CINEMA
 Meets international perspectives reqmt
 5090005 1 M 6:10-9:00PM MESROPOVA O
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY RUS 490 1- 6 CREDITS
 Prereq: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN RUS 490 MAY BE
 APPLIED TOWARD GRADUATION
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN

(CONTINUED)

RUSSIAN INTERNSHIP RUS 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL;
 PERMISSION OF ADVISER AND WORLD LANGUAGES AND
 CULTURES INTERNSHIP COORDINATOR
 Note: NO MORE THAN 3 CREDITS IN RUS 499 MAY BE
 APPLIED TOWARD GRADUATION IN THE MAJOR
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEED TECHNOLOGY AND BUSINESS

SEED QUAL, PRODU MGT STB 595 3 CREDITS
 Prereq: ADMISSION TO SEED TECHNOLOGY AND BUSINESS
 MASTER'S DEGREE PROGRAM OR APPROVAL OF THE INSTRUCTOR
 3194600 XW ARRANGED SHANTHARAM S
 MEETS: JAN 12-MAY 8
 Note: ADMISSION TO THE GRADUATE PROGRAM IN SEED
 TECHNOLOGY AND BUSINESS OR APPROVAL OF THE INSTRUCTOR
 EMAIL FOR APPROVAL AT SEEDGRAD@IASTATE.EDU.
 Department permission required.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

CREATIVE COMPONENT STB 599 3- 4 CREDITS
 Prereq: ADMISSION TO SEED TECHNOLOGY AND BUSINESS
 MASTER'S DEGREE PROGRAM AND PERMISSION OF INSTRUCTOR
 3239005 ARRANGED
 MEETS: JAN 12-MAY 8
 3239600 XA ARRANGED MUNKVOLD G
 MEETS: JAN 12-MAY 8
 Note: ADMISSION TO THE GRADUATE PROGRAM IN SEED
 TECHNOLOGY AND BUSINESS OR APPROVAL OF THE INSTRUCTOR
 EMAIL FOR APPROVAL AT SEEDGRAD@IASTATE.EDU.
 Department permission required.
 Section XA is off campus
 Course delivery is Independent study
 Cmptr reqmt: http://agonline.iastate.edu/resources
 /computer-requirements

SOCIOLOGY

SOCIOLOGY ORIENTATN SOC 115 R CREDIT
 Satisfactory-Fail Only.
 6345005 A MW 9:00-9:50
 MEETS: JAN 12-MARCH 6

INTRO TO SOCIOLOGY SOC 134 3 CREDITS
 Note: CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 6346005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 6346010 2 MWF 10:00-10:50 SCHWEINGRUBER D
 MEETS: JAN 12-MAY 8
 6346015 3 MWF 11:00-11:50 SCHWEINGRUBER D
 MEETS: JAN 12-MAY 8

INTIMATE RELATNSHIP SOC 219 3 CREDITS
 Prereq: SOC 134
 6349005 A TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 6349010 B MWF 11:00-11:50 DOWNING-MATIBAG
 MEETS: JAN 12-MAY 8

GLOBLIZTN &SUSTAINB SOC 220 3 CREDITS
 Note: Meets international perspectives reqmt
 3847005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 3847010 2 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 EXAMS WILL BE FACE TO FACE ON CAMPUS
 Course delivery is WWW

SOCIAL PROBLEMS SOC 235 3 CREDITS
 Prereq: SOC 134
 Note: Meets U.S. diversity reqmt
 6347005 A TR 9:30-10:50
 MEETS: JAN 12-MAY 8

SOC SCI RSRCH MTHDS SOC 302 3 CREDITS
 Prereq: SOC 134; STAT 101; OR CONCURRENT
 ENROLLMENT IN STAT 101
 Note: COURSE RESTRICTED TO AG SO, SOC, P S A, CJ ST.
 STUDENTS WHO HAVE PREVIOUSLY TAKEN SOC 202 WILL NOT
 RECIEVE CREDIT FOR SOC 302.
 6354005 A MWF 2:10-3:00 SAPP S
 MEETS: JAN 12-MAY 8
 6354010 B TR 12:40-2:00 SAPP S
 MEETS: JAN 12-MAY 8

SOC PSYCH:SOC PERSP SOC 305 3 CREDITS
 Prereq: SOC 134
 Note: SEC A1,B1 ETC RESTRICTED TO AG SO, SOC, P S A
 ONLY. SEC A2,B2 ETC FOR ALL OTHER MAJORS.
 6355005 A1 MWF 9:00-9:50 REGER R
 MEETS: JAN 12-MAY 8
 6355010 A2 MWF 9:00-9:50 REGER R
 MEETS: JAN 12-MAY 8
 6355015 B1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 6355020 B2 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

SOCIOLOGY (CONTINUED)

SOCIOLOGY (CONTINUED)

COMMUNITY SOC 310 3 CREDITS
 Prereq: SOC 134
 6321005 A TR 9:30-10:50 PETERS D
 MEETS: JAN 12-MAY 8

TRANSITION IN AGRIC SOC 325 3 CREDITS
 Prereq: SOC 134 OR PERMISSION OF INSTRUCTOR
 6322005 TR 12:40-2:00 BAIN C
 MEETS: JAN 12-MAY 8

SEX&GENDER IN SOCIE SOC 327 3 CREDITS
 Prereq: SOC 134
 Note: SEC A1,B1 RESTRICTED TO AG SO, SOC, P S A, W S.
 SEC A2,B2 FOR MAJORS OTHER THAN AG SO, SOC, P S A, W S.
 Meets U.S. diversity reqmt
 6356005 A1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 6356010 A2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

ETHNIC&RACE RELATNS SOC 330 3 CREDITS
 Prereq: SOC 134
 Note: SEC A1, B1 RESTRICTED TO SOC, P S A MAJORS ONLY.
 SEC A2, B2 FOR MAJORS OTHER THAN SOC, P S A.
 Meets U.S. diversity reqmt
 6352005 A1 TR 12:40-2:00 KUSOW A
 MEETS: JAN 12-MAY 8
 6352010 A2 TR 12:40-2:00 KUSOW A
 MEETS: JAN 12-MAY 8

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 TR 11:00-12:20 DOBRATZ B
 MEETS: JAN 12-MAY 8
 6357010 A2 TR 11:00-12:20 DOBRATZ B
 MEETS: JAN 12-MAY 8

LATINO EXP IN U.S. SOC 332 3 CREDITS
 Prereq: SOC 134
 Note: Meets U.S. diversity reqmt
 1669005 A TR 8:00-9:20 MALDONADO M
 MEETS: JAN 12-MAY 8

DEVIANT & CRIM BEHAV SOC 340 3 CREDITS
 Prereq: SOC 134
 6358005 A MWF 11:00-11:50 BEHNKEN M
 MEETS: JAN 12-MAY 8
 6358010 B TR 2:10-3:25 BEHNKEN M
 MEETS: JAN 12-MAY 8

CRIMINOLOGY SOC 341 3 CREDITS
 Prereq: SOC 134
 4718005 A MWF 10:00-10:50 HOCHSTETLER A
 MEETS: JAN 12-MAY 8

GLB POV,RSC&SUS DEV SOC 348X 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 Note: Meets international perspectives reqmt
 9576600 XW ARRANGED MAZUR R
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

POLICE AND SOCIETY SOC 351 3 CREDITS
 Prereq: SOC 241 OR CJ ST 240
 7743005 M 6:10-9:00PM BRINKLEY J
 MEETS: JAN 12-MAY 8

PNISH,CORECTN&SOCIE SOC 352 3 CREDITS
 Prereq: SOC 241 OR CJ ST 240
 7760005 A TR 8:00-9:20 DRURY A
 MEETS: JAN 12-MAY 8

GLOBALIZTN & DEVELPM SOC 360X 3 CREDITS
 Prereq: 6 CR IN SOCIAL SCIENCES, INCLUDING ECON 101, SOC 134, OR SOC 230
 Note: Meets international perspectives reqmt
 9263005 MWF 11:00-11:50 PETERS D
 MEETS: JAN 12-MAY 8

SOCIOLOGY OF WORK SOC 380 3 CREDITS
 Prereq: SOC 134
 Note: SEC A1 RESTRICTED TO SOC MAJORS.
 SEC A2 RESTRICTED TO MAJORS OTHER THAN SOC.
 SEC A3 RESTRICTED TO AG SO, PSA MAJORS.
 6362005 A MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 7713010 A2 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

CONTEM SOC THEORIES SOC 401 3 CREDITS
 Prereq: 9 CREDITS IN SOC
 6365005 A MWF 1:10-2:00 KRIER D
 MEETS: JAN 12-MAY 8

WHITE-COLLAR CRIME SOC 402 3 CREDITS
 Prereq: SOC 241 OR CJ ST 240
 8478005 A TR 11:00-12:15 HOCHSTETLER A
 MEETS: JAN 12-MAY 8

CRIM & JUV JUST PRAC SOC 460 3-12 CREDITS
 Prereq: JR/SR CLASSIFICATN; PERMISSN OF THE CJ ST COORDINATOR;
 MAJOR OR MINOR IN SOC, OR CJ ST MINOR
 Note: NO MORE THAN 12 CREDITS OF FIELD EXPERIENCE (SOC 454 & 460) MAY BE APPLIED TOWARD GRADUATION.
 NO CREDITS IN SOC 460 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
 Satisfactory-Fail Only.
 6370005 ARRANGED DELISI M
 MEETS: JAN 12-MAY 8

STRAT ENGAGE CMUNTY SOC 464 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6327005 A MWF 10:00-10:50 WELLS B
 MEETS: JAN 12-MAY 8

INDEP STUDY GEN SOC SOC 490A 1- 3 CREDITS
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF SOC 490 TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY RURAL SOC SOC 490B 1- 3 CREDITS
 Prereq: 6 CR IN SOC AND INSTRUCTOR PERMISSION
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF SOC 490 TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS SOC 490H 1- 3 CREDITS
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR, MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF SOC 490 TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CLASSICL SOC THEORY SOC 506 3 CREDITS
 Prereq: SOC 401 OR SOC 505
 4924005 A M 6:10-9:00PM KRIER D
 MEETS: JAN 12-MAY 8

SOC SCI RES MTHDLGY SOC 511 3 CREDITS
 Prereq: SOC 302, STAT 401
 6379005 A1 T 2:10-5:00 DORIUS S
 MEETS: JAN 12-MAY 8
 Note: SEC A1 FOR SOC MAJORS ONLY
 6379010 A2 T 2:10-5:00 DORIUS S
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN SOC

SOCIAL PSYCHOLOGY SOC 520 3 CREDITS
 Prereq: SOC 305 OR PSYCH 280
 6383005 M 3:10-5:00
 MEETS: JAN 12-MAY 8

RACE,CLS,GNDR INEQU SOC 534 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6390005 A M 2:10-5:00 BIRD S
 MEETS: JAN 12-MAY 8

STRAT ENGAGE CMUNTY SOC 536 3 CREDITS
 Prereq: 6 CREDITS IN SOCIOLOGY
 8646005 ARRANGED WELLS B
 MEETS: JAN 12-MAY 8

SOC FOOD & AGRI SYS SOC 544 3 CREDITS
 Prereq: 6 CREDITS IN SOCIOLOGY
 6420005 A TR 9:30-10:50 BAIN C
 MEETS: JAN 12-MAY 8

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

SOCIOLOGY (CONTINUED)

MASTERS RES GEN SOC SOC 599A 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RSRCH RURAL SOC 599B 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONTEMP SOC THEORY SOC 607 3 CREDITS
 Prereq: 6 GRAD CREDITS IN SOC
 6413005 W 5:10-8:00PM SCHWEINGRUBER D
 MEETS: JAN 12-MAY 8

RESEARCH GENERAL SOC SOC 699A 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RURAL SOC SOC 699B 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE ENGINEERING

SOFTWR ENGR CAREERS S E 166 R CREDIT
 7290005 R 12:40-2:00
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN S E 298 R CREDIT
 ***** Prereq: PERMISSION OF DEPT AND CAREER SERVICES
 SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE PROJCT MGT S E 329 3 CREDITS
 Prereq: COM S 309
 7377005 TR 11:00-12:15
 MEETS: JAN 12-MAY 8

SFTWR ARCHITC&DSIGN S E 339 3 CREDITS
 Prereq: S E 319
 7259005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

PRIN PROGR LANGUAGS S E 342 3 CREDITS
 Prereq: COM S 321; COM S 330 OR CPR E 310;
 EITHER COM S 309, COM S 362, OR COM S 363;
 ENGL 250 OR ENGL 105
 1043005 1 TR 2:10-3:30 RAJAN H
 W 9:00-9:50
 MEETS: JAN 12-MAY 8
 1043015 2 TR 2:10-3:30 RAJAN H
 W 4:10-5:00
 MEETS: JAN 12-MAY 8

SOFTWARE ENGR INTERN S E 397 R CREDIT
 7300005 Prereq: PERMISSION OF DEPT AND CAREER SERVICES
 ARRANGED
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN S E 398 R CREDIT
 Prereq: S E 298, PERMISSION OF DEPT & CAREER
 SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

FORML MTHDS SFTWR E S E 412 3 CREDITS
 Prereq: COM S 309, S E 319
 7257005 MW 4:10-5:30
 MEETS: JAN 12-MAY 8

SOFTWARE TESTING S E 417 3 CREDITS
 Prereq: COM S 309, 319
 7221005 TR 12:40-2:00 STOLEE K
 MEETS: JAN 12-MAY 8

LG SC DTA ANLY SFTW S E 419X 4 CREDITS
 Prereq: CPR E 308 OR COM S 352; COM S 309
 9584005 A TR 9:30-10:50
 W 2:10-4:00
 MEETS: JAN 12-MAY 8
 9584010 B TR 9:30-10:50
 W 6:10-8:00PM
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY S E 490 VAR. CREDITS
 ***** Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGR
 SEE DEPT FOR REFERENCE NUMBERS

SR DESIGN PROJECT I S E 491 3 CREDITS
 Prereq: S E 329, COMPLETION OF 29 CREDITS IN THE
 S E CORE PROFESSIONAL PROGRAM, ENGL 314
 7366005 T 2:10-4:00 ARRANGED
 MEETS: JAN 12-MAY 8

SR DSIGN PROJECT II S E 492 2 CREDITS
 Prereq: S E 491
 7371005 R 2:10-3:00 ARRANGED
 MEETS: JAN 12-MAY 8

S E PORTFOLIO DEVEL S E 494 R CREDIT
 Prereq: CREDIT OR ENROLLMENT IN S E 491
 6467005 ARRANGED
 MEETS: JAN 12-MAY 8

SOFTWARE ENGINEERING (CONTINUED)

COOPERATIVE EDUCATN S E 498 R CREDIT
 Prereq: S E 398, PERMISSION OF DEPT & CAREER
 SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 11:00-12:20 WILHELM J
 MEETS: JAN 12-MAY 8
 8246010 2 TR 12:40-2:00 WILHELM J
 MEETS: JAN 12-MAY 8

ELEMENTRY SPANISH I SPAN 101 4 CREDITS
 6473005 1 MTWR 9:00-9:50 CABRERA-HERNANDE
 MEETS: JAN 12-MAY 8

ELEM SPANISH II SPAN 102 4 CREDITS
 Prereq: SPAN 101, SPAN 97 OR PLACEMENT BY
 DEPARTMENTAL EXAM
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
 SCHOOL SPAN MAY NOT ENROLL IN 102.
 Meets international perspectives reqmt
 6474005 1 MTWR 2:10-3:00 ROMERO-DE-SLOWIN
 MEETS: JAN 12-MAY 8
 6474010 2 MTWR 10:00-10:50 WILHELM J
 MEETS: JAN 12-MAY 8
 Note: SEC 2: HYBRID FORMAT
 6474015 3 MTWR 11:00-11:50 CARDENAS S
 MEETS: JAN 12-MAY 8
 6474020 4 MTWR 12:10-1:00 CARDENAS S
 MEETS: JAN 12-MAY 8

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 GONZALEZ-CHAVES
 T 9:00-9:50 GONZALEZ-CHAVES
 MEETS: JAN 12-MAY 8

INTERMED SPANISH II SPAN 202 4 CREDITS
 Prereq: SPAN 201 OR PLACEMENT BY DEPARTMENTAL
 EXAM
 Note: Meets international perspectives reqmt
 6478005 1 TWR 9:00-9:50 CARRILLO-CABELLO
 M 9:00-9:50 CARRILLO-CABELLO
 MEETS: JAN 12-MAY 8
 6478010 2 TWR 10:00-10:50 CARRILLO-CABELLO
 M 10:00-10:50 CARRILLO-CABELLO
 MEETS: JAN 12-MAY 8
 Note: SEC 2 HYBRID FORMAT
 6478015 3 TWR 11:00-11:50 GONZALEZ-CHAVES
 M 11:00-11:50 GONZALEZ-CHAVES
 MEETS: JAN 12-MAY 8
 Note: SEC 3 HYBRID FORMAT
 6478020 4 TWR 12:10-1:00 GONZALEZ-CHAVES
 M 12:10-1:00 GONZALEZ-CHAVES
 MEETS: JAN 12-MAY 8
 6478025 5 TWR 1:10-2:00 CHRISTIANSEN I
 M 1:10-2:00 CHRISTIANSEN I
 MEETS: JAN 12-MAY 8
 6478030 6 TWR 2:10-3:00 CHRISTIANSEN I
 M 2:10-3:00 CHRISTIANSEN I
 MEETS: JAN 12-MAY 8

INTSVE INTRMED SPAN SPAN 297 4 CREDITS
 Prereq: FOUR YEARS OF HIGH SCHOOL SPANISH, TWO
 YEARS OF SPANISH AT A COMMUNITY COLLEGE, SPAN 201, OR
 EQUIVALENT BY PLACEMENT
 Note: Meets international perspectives reqmt
 9101005 MTWR 10:00-10:50 VESSONI-DE-LENCE
 MEETS: JAN 12-MAY 8
 Note: Materials and equipment use fee \$25.00

GRAMMAR & COMPOSITN SPAN 301 3 CREDITS
 Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL
 EXAM
 Note: SEC. 1A,2A,ETC RESTRICTED TO SPAN MAJORS ONLY.
 SEC. 1B,2B,ETC FOR MAJORS OTHER THAN SPAN.
 Meets international perspectives reqmt
 6479005 1A TR 12:40-2:00 LADNER E
 MEETS: JAN 12-MAY 8
 6479010 1B TR 12:40-2:00 LADNER E
 MEETS: JAN 12-MAY 8
 6479015 2A MWF 11:00-11:50 LADNER E
 MEETS: JAN 12-MAY 8
 6479020 2B MWF 11:00-11:50 LADNER E
 MEETS: JAN 12-MAY 8
 6479025 3A MWF 1:10-2:00 LADNER E
 MEETS: JAN 12-MAY 8
 6479030 3B MWF 1:10-2:00 LADNER E
 MEETS: JAN 12-MAY 8
 6479035 4A TR 11:00-12:20 VESSONI-DE-LENCE
 MEETS: JAN 12-MAY 8
 6479040 4B TR 11:00-12:20 VESSONI-DE-LENCE
 MEETS: JAN 12-MAY 8

SPANISH

(CONTINUED)

CONVERS THRU CULTUR SPAN 303A 3 CREDITS
Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM
Note: SEC. 1A, 2A ECT. RESTRICTED TO SPAN MAJORS ONLY. SEC. 1B, 2B ETC. FOR MAJORS OTHER THAN SPAN.
Meets international perspectives reqmt

6142005 1A MWF 9:00-9:50 HAYWOOD-FERREIRA
MEETS: JAN 12-MAY 8

6142010 1B MWF 9:00-9:50 HAYWOOD-FERREIRA
MEETS: JAN 12-MAY 8

6142015 2A MWF 10:00-10:50 HAYWOOD-FERREIRA
MEETS: JAN 12-MAY 8

6142020 2B MWF 10:00-10:50 HAYWOOD-FERREIRA
MEETS: JAN 12-MAY 8

6142025 3A TR 12:40-2:00
MEETS: JAN 12-MAY 8

6142030 3B TR 12:40-2:00
MEETS: JAN 12-MAY 8

CONVERS FOR PROFSNL SPAN 303B 3 CREDITS
Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM
Note: SEC. 1A,2A,3A RESTRICTED TO SPAN MAJORS ONLY. SEC. 1B,2B,3B FOR MAJORS OTHER THAN SPAN.
Meets international perspectives reqmt

6160005 1A TR 12:40-2:00 WALDEMER T
MEETS: JAN 12-MAY 8

6160010 1B TR 12:40-2:00 WALDEMER T
MEETS: JAN 12-MAY 8

6160015 2A TR 11:00-12:20 WALDEMER T
MEETS: JAN 12-MAY 8

6160020 2B TR 11:00-12:20 WALDEMER T
MEETS: JAN 12-MAY 8

6160025 3A MWF 12:10-1:00
MEETS: JAN 12-MAY 8

6160030 3B MWF 12:10-1:00
MEETS: JAN 12-MAY 8

SPAN FOR BUSINS&PRO SPAN 304 3 CREDITS
Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM; SPAN 301 RECOMMENDED
Note: SEC. 1A ECT. RESTRICTED TO SPAN MAJORS ONLY. SEC. 1B ETC. FOR MAJORS OTHER THAN SPAN.
Meets international perspectives reqmt

6482005 1A TR 9:30-10:50 WALDEMER T
MEETS: JAN 12-MAY 8

6482010 1B TR 9:30-10:50 WALDEMER T
MEETS: JAN 12-MAY 8

INTRO READ HISPANIC SPAN 314 3 CREDITS
Prereq: SPAN 301
Note: Meets international perspectives reqmt

8894005 1 MWF 12:10-1:00 MATIBAG E
MEETS: JAN 12-MAY 8

8894010 2 MWF 11:00-11:50 MATIBAG E
MEETS: JAN 12-MAY 8

SPANISH CIVILIZATN SPAN 321 3 CREDITS
Prereq: ONE SPAN COURSE AT THE 300 LEVEL
Note: Meets international perspectives reqmt

6483600 XW ARRANGED PARDO-BALLESTER
MEETS: JAN 12-MAY 8
Note: Section XW is off campus
Course delivery is WWW

SPAIN TODAY SPAN 323 3 CREDITS
Prereq: ONE SPAN COURSE AT THE 300 LEVEL
Note: Meets international perspectives reqmt

4047005 1 TR 12:40-2:00 GASTA C
MEETS: JAN 12-MAY 8

LATIN AMERICA TODAY SPAN 324 3 CREDITS
Prereq: ONE SPAN COURSE AT THE 300 LEVEL
Note: Meets international perspectives reqmt

4100600 XW ARRANGED RIZO E
MEETS: JAN 12-MAY 8
Note: Section XW is off campus
Course delivery is WWW

LATN AM LIT TO 1900 SPAN 332 3 CREDITS
Prereq: SPAN 314
Note: Meets international perspectives reqmt

6487005 MWF 11:00-11:50 HAYWOOD-FERREIRA
MEETS: JAN 12-MAY 8

INTR SPAN/ENG TRNSL SPAN 351 3 CREDITS
Prereq: SPAN 301, SPAN 303 OR SPAN 304
Note: Meets international perspectives reqmt

5071005 1 MWF 12:10-1:00 CARRILLO-CABELLO
MEETS: JAN 12-MAY 8

INTR SPANSH PHONOLG SPAN 352 3 CREDITS
Prereq: SPAN 301, SPAN 303 OR SPAN 304
Note: Meets international perspectives reqmt

3382005 1 TR 11:00-12:20 DOMINGUEZ J
MEETS: JAN 12-MAY 8

3382010 2 TR 12:40-2:00 DOMINGUEZ J
MEETS: JAN 12-MAY 8

SPANISH

(CONTINUED)

INTR SPN-ENG INTERP SPAN 354 3 CREDITS
Prereq: SPAN 351
Note: Meets international perspectives reqmt

9273005 1 MWF 12:10-1:00 PARDO-BALLESTER
MEETS: JAN 12-MAY 8

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 TR 12:40-2:00
MEETS: JAN 12-MAY 8

SEM LIT&CUL LATN AM SPAN 445 3 CREDITS
Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333 (RECOMMEND SPAN 332 & SPAN 333)
Note: TOPIC: WORLD LITERATURE IN SPANISH
Meets international perspectives reqmt

6496005 1A MWF 9:00-9:50 MATIBAG E
MEETS: JAN 12-MAY 8

6496010 1B MWF 9:00-9:50 MATIBAG E
MEETS: JAN 12-MAY 8
Note: SECT 1B FOR MAJORS OTHER THAN SPAN.

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
400 LEVEL
7467005 TR 12:40-2:00
MEETS: JAN 12-MAY 8

SEM LIT&CUL LATN AM SPAN 545 3 CREDITS
Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT 400 LEVEL
Note: TOPIC: WORLD LITERATURE IN SPANISH

7468005 1 MWF 9:00-9:50 MATIBAG E
MEETS: JAN 12-MAY 8

SPECIAL EDUCATION

EXCEPTIONAL LEARNER SP ED 250 3 CREDITS
Prereq: C I 204
Note: Meets U.S. diversity reqmt
Department permission required 1st week.

6452005 1 MWF 9:00-9:50
MEETS: JAN 12-MAY 8

ASESS INCLUSV CLSRM SP ED 355 2 CREDITS
Prereq: C I 433, C I 439, C I 468I;
CONCURRENT ENROLLMENT IN SP ED 455
Note: CONCURRENT ENROLLMENT IN C I 433, 439, 468G, SP ED 455. REGISTER FOR THE SAME SECTION NUMBERS.

4385005 1 MW 11:00-12:15
MEETS: JAN 12-MAY 8
Note: NO MEETINGS FEB 16-MARCH 13

CLSRM ASSESMT SP ED SP ED 365 3 CREDITS
Prereq: SP ED 330; C I 377
Note: Department permission required 1st week.

6454005 1 W 2:10-5:00
MEETS: JAN 12-MAY 8

TCHG IN INCLUSV SET SP ED 368 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN C I 377, C I 438, C I 468F, C I 468G
Note: CONCURRENT ENROLLMENT IN C I 377

4085005 W 8:00-9:15
MEETS: JAN 12-MAY 8
Note: NO MEETINGS MARCH 23-APRIL 17

TCH SCDRY EXCEP GEN SP ED 401 3 CREDITS
5059005 1 TR 11:00-12:20
MEETS: JAN 12-MAY 8

SUPV STUDENT TEACHG SP ED 416 VAR. CREDITS
Prereq: FULL ADMISSION TO TEACHER EDUC, SENIOR CLASSIFICATION, MAJOR IN ELEMENTARY EDUC, SP ED 330, SP ED 334, SP ED 365, SP ED 436, SP ED 439, C I 280I, C I 452
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM OFFERED FOR 8 CREDITS SPRING 2013
Department permission required 1st week.

3286005 1A ARRANGED
MEETS: JAN 12-MARCH 6

3286015 1R ARRANGED
MEETS: JAN 12-MARCH 6

SPECIAL EDUCATION (CONTINUED)

SPEECH COMMUNICATION (CONTINUED)

SUPV STUDENT TEACHG SP ED 416 VAR. CREDITS
 3286010 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 3286020 2R ARRANGED
 MEETS: MARCH 9-MAY 8

INST MTHD M/MO DSAB SP ED 436 3 CREDITS
 Prereq: C I 245, CONCURRENT ENROLLMENT IN SP ED
 365
 1884005 M 2:10-5:00
 MEETS: JAN 12-MAY 8

INSTR MTH INCLU PRI SP ED 455 2 CREDITS
 Prereq: C I 433, C I 439, C I 468I, CONCURRENT
 ENROLLMENT SP ED 355
 6848005 1 MW 12:30-1:45
 MEETS: JAN 12-MAY 8
 Note: NO MEETINGS MARCH 23-APRIL 17

INDEPENDENT STUDY SP ED 490 1- 5 CREDITS
 Prereq: 12 CR IN EL ED, PERMISSION OF DEPT CHAIR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FND BEHAV DIS&LRN D SP ED 511 3 CREDITS
 Prereq: SP ED 501 OR EQUIVALENT
 8694005 1 W 5:10-8:00PM
 S 9:00-4:00
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS SP ED 590 1- 5 CREDITS
 Prereq: 15 CRS IN EDUC; PERMISSION OF DEPT CHAIR
 ***** 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
 ***** 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
 ***** 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
 ***** 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 RINGLEEE C
 MEETS: JAN 12-MAY 8

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 Note: ATTEND LECTURE THE FIRST DAY-LECTURE IS THE
 SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE.
 CLASS MEETS 3 HOURS EACH WEEK. LECTURE & DISCUSSION
 MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY
 OF LECTURE FOR SECTIONS 1-19.

8643020 1 MWF 9:00-9:50
 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

8643025 2 MWF 9:00-9:50
 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

8643030 3 MWF 9:00-9:50
 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

8643035 4 MWF 10:00-10:50
 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

8643040 5 MWF 10:00-10:50
 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

8643045 6 MWF 10:00-10:50
 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

8643050 7 MWF 11:00-11:50
 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

8643055 8 MWF 11:00-11:50
 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

8643060 9 MWF 11:00-11:50
 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

8643065 10 MWF 12:10-1:00
 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

8643070 11 MWF 12:10-1:00
 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

8643075 12 MWF 12:10-1:00
 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 8643080 13 MWF 1:10-2:00
 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

8643085 14 MWF 1:10-2:00
 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

8643090 15 MWF 1:10-2:00
 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

8643095 16 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

8643100 17 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

8643015 18 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

8643110 19 MWF 3:10-4:00
 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

8643115 20 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

8643120 21 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

8643125 22 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

8643130 23 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

8643135 24 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

8643140 25 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

8643145 26 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

8643150 27 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

8643155 28 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

8643160 29 TR 9:30-10:45 FULTON K
 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 29 IS WEB BLENDED. FOR SPECIFIC
 MEETING DATES PER CONTACT THE INSTRUCTOR.
 Course delivery is WW

8643165 30 TR 12:40-1:55 FULTON K
 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 30 IS WEB BLENDED. FOR SPECIFIC
 MEETING DATES PER CONTACT THE INSTRUCTOR.
 Course delivery is WW

8643170 31 TR 2:10-3:25 FULTON K
 MEETS: JAN 12-MAY 8
 Note: SEC 31 IS WEB BLENDED. FOR SPECIFIC
 MEETING DATES PER CONTACT THE INSTRUCTOR.
 Course delivery is WW

8643175 32 TR 2:10-3:25 ALLAIRE N
 ARRANGED
 MEETS: JAN 12-MAY 8

8643180 33 TR 3:40-4:55 ALLAIRE N
 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 33 RESTRICTED TO SENIORS ONLY

8643185 34 TR 3:40-4:55 ALLAIRE N
 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 34 RESTRICTED TO SENIORS ONLY.
 SEC 34 IS WEB BLENDED. FOR SPECIFIC
 MEETING DATES PER CONTACT THE INSTRUCTOR.

8643190 35 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC 35 RESTRICTED TO SENIORS ONLY.
 SEC 35 IS WEB BLENDED. FOR SPECIFIC
 MEETING DATES PER CONTACT THE INSTRUCTOR.

8643195 36 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8

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 10:00-10:50 OLES-ACEVEDO D
 MEETS: JAN 12-MAY 8

INTERCOLLEG DEBATE SP CM 223 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 6424005 ARRANGED GOODWIN J
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

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

SPEECH COMMUNICATION

(CONTINUED)

STATISTICS

BUSINESS&PRO SPEAKG SP CM 312 3 CREDITS
 Prereq: SP CM 212
 Note: SEC A1,B1 RESTRICTED TO SP CM MAJORS ONLY.
 SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN SP CM.
 6429005 A1 TR 9:30-10:50 LEFEBVRE L
 MEETS: JAN 12-MAY 8
 6429010 A2 TR 9:30-10:50 LEFEBVRE L
 MEETS: JAN 12-MAY 8
 6429015 B1 MW 3:10-4:30 OLES-ACEVEDO D
 MEETS: JAN 12-MAY 8
 6429020 B2 MW 3:10-4:30 OLES-ACEVEDO D
 MEETS: JAN 12-MAY 8

GENDER & COMMUNICTN SP CM 323 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2640005 A MWF 12:10-1:00 OLES-ACEVEDO D
 MEETS: JAN 12-MAY 8
 2640010 B MWF 10:00-10:50 LAWARE M
 MEETS: JAN 12-MAY 8
 2640015 C TR 12:40-1:55 DUBISAR A
 MEETS: JAN 12-MAY 8

LEGAL COMMUNICATION SP CM 324 3 CREDITS
 Prereq: SP CM 212
 6190005 MW 5:10-6:20PM
 MEETS: JAN 12-MAY 8

RHETORICAL TRADITNS SP CM 350 3 CREDITS
 Prereq: ENGL 250
 3005005 A1 TR 12:40-2:00 GOODWIN J
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM
 MAJORS ONLY
 3005010 A2 TR 12:40-2:00 GOODWIN J
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM

HIST AM PBLC ADDRSS SP CM 416 3 CREDITS
 Prereq: SP CM 212
 6440005 MW 3:30-4:50 SLAGELL A
 MEETS: JAN 12-MAY 8

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 RINGLEE C
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

CAPSTONE SEMINAR SP CM 497 3 CREDITS
 Prereq: 15 CR IN SP CM; JR OR SR CLASSIFICATION
 Note: FOR IRC SENIORS ONLY
 8572005 TR 2:10-3:30 CROSBY R
 MEETS: JAN 12-MAY 8

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 LEFEBVRE L
 MEETS: JAN 12-MAY 8

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

STU RHET&PRO:MLTMOD SP CM 592C 3 CREDITS
 Prereq: 12 CR IN RHETORIC, LINGUISTICS, OR LIT
 EXCLUDING ENGL 150 AND ENGL 250
 1388005 A MW 12:40-2:00 VRCHOTA D
 MEETS: JAN 12-MAY 8

STDI CULTURL RHETRC SP CM 592D 3 CREDITS
 Prereq: 12 CREDITS IN RHETORIC, LINGUISTICS, OR
 LITERATURE, EXCLUDING ENGL 150 AND ENGL 250
 3319005 A TR 12:40-2:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 Note: Instructor permission required 1st week.
 6502010 B MWF 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6502015 C MWF 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6502020 D MWF 10:00-10:50
 T 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6502025 E MWF 11:00-11:50
 W 12:10-2:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6502030 F MWF 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6502035 G MWF 3:10-4:00
 R 2:10-4:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6502040 H MWF 3:10-4:00
 R 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6502045 J MWF 2:10-3:00
 T 10:00-11:50
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6502050 K MWF 2:10-3:00
 T 12:10-2:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6502055 L MWF 1:10-2:00
 W 8:00-9:50
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6502060 M MWF 1:10-2:00
 W 10:00-11:50
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6502065 N MWF 8:00-8:50
 T 8:00-9:50
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6502070 P MWF 8:00-8:50
 M 10:00-11:50
 MEETS: JAN 12-MAY 8
 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 12-MAY 8
 6503010 B TR 2:10-3:00
 F 2:10-4:00
 MEETS: JAN 12-MAY 8
 6503015 C TR 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 12-MAY 8
 6503020 D TR 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 12-MAY 8
 6503025 E MW 8:00-8:50
 R 12:10-2:00
 MEETS: JAN 12-MAY 8
 6503030 F MW 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 12-MAY 8

INTRO STAT FOR ENGR STAT 105 3 CREDITS
 Prereq: MATH 165 (OR MATH 165H)
 Note: COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.
 CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR
 ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD
 GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201,
 STAT 226.
 6504005 A TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 6504010 B TR 8:00-9:20
 MEETS: JAN 12-MAY 8

STATISTICS

(CONTINUED)

INTR STAT CNCPT&MTH STAT 201 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 165
 4709005 MWF 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 12-MAY 8

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, 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 12-MAY 8
 3975010 B TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 3975015 C TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 3975020 D TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 3975025 E TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 3975030 F TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 3975035 G TR 8:00-9:20
 MEETS: JAN 12-MAY 8
 3975600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

PROB&INFERN, ENGRS STAT 231 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 265
 Note: Instructor permission required 1st week.
 6507005 A MTRF 12:10-1:00
 MEETS: JAN 12-MAY 8
 6507010 B MTRF 12:10-1:00
 MEETS: JAN 12-MAY 8

INTMD STT CNCPT&MTH STAT 301 4 CREDITS
 Prereq: STAT 101 OR STAT 104 OR STAT 105 OR STAT 201
 4710005 A MWF 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 12-MAY 8
 4710010 B TR 11:00-12:20
 F 2:10-4:00
 MEETS: JAN 12-MAY 8

ENGINEERING STAT STAT 305 3 CREDITS
 Prereq: MATH 165 (OR MATH 165H)
 Note: CREDIT FOR EITHER STAT 105 OR STAT 305, NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. 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 12-MAY 8
 Note: Instructor permission required 1st week.
 6509010 B TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6509015 C TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6509020 D TR 12:40-2:00
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 6509025 E TR 9:30-10:50
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 Course delivery is WWW
 6509030 F TR 2:10-3:30
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required 1st week.
 Course delivery is WWW
 6509600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

PROBAB MTH,ELEC ENG STAT 322 3 CREDITS
 Prereq: E E 224
 6857005 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

INTR BUSINS STAT II STAT 326 3 CREDITS
 Prereq: STAT 226
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 6510005 A MW 10:00-10:50
 R 4:10-6:00PM
 MEETS: JAN 12-MAY 8
 6510010 B MW 10:00-10:50
 R 2:10-4:00
 MEETS: JAN 12-MAY 8
 6510015 C MW 10:00-10:50
 R 12:10-2:00
 MEETS: JAN 12-MAY 8
 6510020 D MW 10:00-10:50
 F 12:10-2:00
 MEETS: JAN 12-MAY 8
 6510025 E MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 12-MAY 8

STATISTICS

(CONTINUED)

INTR BUSINS STAT II STAT 326 3 CREDITS
 6510030 F MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 12-MAY 8
 6510035 G MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 12-MAY 8
 6510040 J MW 1:10-2:00
 F 8:00-9:50
 MEETS: JAN 12-MAY 8
 6510045 K MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 12-MAY 8

PROBAB&STAT COM SCI STAT 330 3 CREDITS
 Prereq: MATH 166
 7372005 A MWF 3:10-4:00
 MEETS: JAN 12-MAY 8
 7372010 B MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

INTR THY PROBAB&S I STAT 341 3 CREDITS
 Prereq: MATH 265 (OR MATH 265H)
 Note: CREDIT FOR EITHER STAT/MATH 341 OR STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 6511005 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

INTR THY PR&STAT II STAT 342 3 CREDITS
 Prereq: STAT 341; MATH 207 OR MATH 317
 6512005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

STAT QUALITY ASSURN STAT 361 3 CREDITS
 Prereq: STAT 231 OR STAT 401
 6513005 A T 3:40-5:30, ARRANGED
 MEETS: JAN 12-MAY 8
 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 12-MAY 8

STAT METH FOR RSRCH STAT 401 4 CREDITS
 Prereq: STAT 101 OR STAT 104 OR STAT 105 OR STAT 201 OR STAT 226
 Note: CREDIT FOR EITHER STAT 301 OR STAT 401, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION BY DIETETICS STUDENTS: DIET 554, STAT 401, STAT 495, STAT 542.
 6514005 A MWF 9:00-9:50
 T 12:10-2:00
 MEETS: JAN 12-MAY 8
 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.
 6514010 B TR 11:00-12:20
 F 2:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR SOCIAL SCIENCES, PSYCH AND HD FS MAJORS
 Instructor permission required 1st week.
 6514015 C TR 2:10-3:20
 W 2:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC C FOR TO POL S, EDUC, HD FS, PSYCH, SOC, INTST, INDIS MAJORS
 Instructor permission required 1st week.
 6514020 D MWF 1:10-2:00
 T 10:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC D FOR ENGINEERING, PHYSICAL SCIENCES MAJORS
 Instructor permission required 1st week.
 6514600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

STAT DESIGN&EXPERMT STAT 402 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 6515005 A MWF 8:00-8:50
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO A E, A B E, BMBBA, BMBBS, DIETH, EEOB, EEOBS, FSHNH, FS H, GENET, IMBIO, KIN, KIN H, NEURO, MCDB, NEURO, ZLGNS, P PHY, PLBIO, PLP M AG COLLEGE & VET COLLEGE MAJORS ONLY.
 6515010 B MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR PHYS SCIENCES, MATH, ENGR, UNDERGRADS
 6515015 C MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC C FOR HD FS, H SCI, POL S, PSYCH AND SOC MAJORS ONLY.

STATISTICS (CONTINUED)

STATISTICS (CONTINUED)

REGRES SOC&BHAV RES STAT 404 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 6517005 TR 10:00-10:50
 M 2:10-4:00
 MEETS: JAN 12-MAY 8

DSGN GENE EXPRS EXP STAT 416 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 8574005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

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 12-MAY 8

BAYESIAN DATA ANALY STAT 444 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401;
 STAT 447 OR ENROLLMENT IN STAT 342
 8928005 MW 10:00-10:50
 T 12:10-2:00
 MEETS: JAN 12-MAY 8

STAT THEORY FOR RES STAT 447 4 CREDITS
 Prereq: MATH 151 AND INSTR PERMISSN, OR MATH 265
 Note: CREDIT FOR EITHER STAT/MATH 341 OR STAT 447,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 6523005 TR 12:40-2:00
 W 1:10-2:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

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 12-MAY 8

STAT COMPUTING APPL STAT 480 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 6525005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY STAT 490 VAR. CREDITS
 Prereq: 10 CREDITS IN STATISTICS
 Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS STAT 490H VAR. CREDITS
 Prereq: 10 CR IN STAT, MEMBERSHIP IN HONORS PROG
 Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL STAT INDUST II STAT 496 3 CREDITS
 Prereq: STAT 495
 1419600 XW ARRANGED STEPHENSON W
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

MULTIVAR STAT METHD STAT 501 3 CREDITS
 Prereq: STAT 500 OR STAT 402; STAT 447 OR
 STAT 542; STAT 579 OR EQUIVALENT; KNOWLEDGE OF
 MATRIX ALGEBRA
 6530005 1 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

EXPLOR MTH&DATA MIN STAT 503 3 CREDITS
 Prereq: STAT 401; STAT 341 OR STAT 447; STAT 579
 4077005 1 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

RSPONS SURFACE MTHD STAT 513 3 CREDITS
 Prereq: STAT 402 OR STAT 512, KNOWLEDGE OF
 ELEMENTARY MATRIX THEORY AND MATRIX FORMULATION OF
 REGRESSION
 6533005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

QUAL CNTRL&ENG STAT STAT 531 3 CREDITS
 Prereq: STAT 401; STAT 342 OR STAT 447
 6537005 TR 3:10-5:00
 MEETS: JAN 12-MAY 8

STATISTICAL GENETCS STAT 536 3 CREDITS
 Prereq: STAT 401, STAT 447; GEN 320 OR BIOL 313
 6541005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

THRY PROBAB&STAT II STAT 543 3 CREDITS
 Prereq: STAT 542
 6547005 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

BAYESIAN STATISTICS STAT 544 3 CREDITS
 Prereq: STAT 543
 6548005 TR 8:00-9:20
 MEETS: JAN 12-MAY 8

ADV GENOME INFORMTC STAT 568 3 CREDITS
 Prereq: BCB 567, BBMB 301, BIOL 315, STAT 430,
 CREDIT OR ENROLLMENT IN GEN 411
 5070005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

COMP FUNC GENOM&BIO STAT 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
 OR COM S 228, GEN 411, STAT 430
 5074005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

STATISTCL COMPUTING STAT 580 3 CREDITS
 Prereq: STAT 579; STAT 447 OR STAT 542
 6553005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

SPECL TOPICS THEORY STAT 590A VAR. CREDITS
 6554005 ARRANGED
 MEETS: JAN 12-MAY 8

SPCL TOPICS METHODS STAT 590B VAR. CREDITS
 6555005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOP DESGN EXPR STAT 590C VAR. CREDITS
 6556005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOP SAMP SURVEY STAT 590D VAR. CREDITS
 6557005 ARRANGED
 MEETS: JAN 12-MAY 8

SPL TOPCS STAT EDUC STAT 590E VAR. CREDITS
 8521005 ARRANGED
 MEETS: JAN 12-MAY 8

COOPERATIVE EDUCATN STAT 598 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT CHAIR
 4153002 ARRANGED
 MEETS: JAN 12-MAY 8

CREATIVE COMPONENT STAT 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV STATISTC METHDS STAT 601 3 CREDITS
 Prereq: STAT 520, STAT 543 AND MATH 414 OR
 ENROLLMENT IN STAT 641
 6559005 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8

MOD MLTVRT STT LRNG STAT 602 3 CREDITS
 Prereq: STAT 520, STAT 543, STAT 579
 4954005 TR 12:30-2:00
 MEETS: JAN 12-MAY 8

ADV THRY SURVEY STT STAT 621 3 CREDITS
 Prereq: STAT 521
 6563005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

ADV PROBABILTY THRY STAT 642 3 CREDITS
 Prereq: STAT 641, OR STAT 543 AND MATH 515
 6565005 TR 2:10-3:30
 MEETS: JAN 12-MAY 8

ADV STOCHAST PROCES STAT 645 3 CREDITS
 3767005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

SEMNAR THEORY S&PRB STAT 648 VAR. CREDITS
 Prereq: STAT 543
 6569005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV SPL TOPC THEORY STAT 690A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6851005 ARRANGED
 MEETS: JAN 12-MAY 8

STATISTICS

(CONTINUED)

SUPPLY CHAIN MANAGEMENT

(CONTINUED)

ADV SPL TOP METHODS STAT 690B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: TOPIC: MODERN STATISTICAL LEARNING II
 OFFERED FOR 1 CREDIT SPRING 2013
 6852005 1 ARRANGED
 MEETS: JAN 12-MAY 8

ADV TOP DSIGN EXPER STAT 690C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6854005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV TOP SAMP SURVEY STAT 690D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6855005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV TOP STAT COMPUT STAT 690E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1709005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV TOPICS GRAPHICS STAT 690F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3189005 ARRANGED
 MEETS: JAN 12-MAY 8

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

SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
 Prereq: ECON 101, STAT 226
 Note: SEC A1,B1,ECT RESTRICTED TO ACCT, AG B, AST, BUS S, BUS U, BUSEC, I TEC, FIN, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM. SEC A2,B2,ECT FOR COLLEGES SEC A2,B2,ECT FOR COLLEGES OTHER THAN BUSINESS, AG B, AST.

1629005 A1 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8

1629010 A2 MWF 8:00-8:50
 MEETS: JAN 12-MAY 8

1629015 B1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

1629020 B2 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

1629025 C1 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

1629030 C2 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

1629035 D1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

1629040 D2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

1629045 E1 TR 2:10-3:25
 MEETS: JAN 12-MAY 8

1629050 E2 TR 2:10-3:25
 MEETS: JAN 12-MAY 8

1629055 F1 W 6:40-9:25PM
 MEETS: JAN 12-MAY 8

1629060 F2 W 6:40-9:25PM
 MEETS: JAN 12-MAY 8

1629065 G1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

1629070 G2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

1629075 J1 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8

1629080 J2 TR 5:10-6:25PM
 MEETS: JAN 12-MAY 8

1629085 K1 TR 6:40-7:55PM
 MEETS: JAN 12-MAY 8

1629090 K2 TR 6:40-7:55PM
 MEETS: JAN 12-MAY 8

1629095 L1 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

1629100 L2 MWF 2:10-3:00
 MEETS: JAN 12-MAY 8

1629105 M1 M 6:40-9:25PM
 MEETS: JAN 12-MAY 8

1629110 M2 M 6:40-9:25PM
 MEETS: JAN 12-MAY 8

PROJECT MANAGEMENT SCM 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301

7426005 A1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

7426010 A2 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

7426015 B1 TR 3:40-5:00
 MEETS: JAN 12-MAY 8

7426020 B2 TR 3:40-5:00
 MEETS: JAN 12-MAY 8

MFG PLANNING&CONTRL SCM 422 3 CREDITS
 Prereq: SCM 301
 Note: GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION.

6818005 A1 T 6:40-9:25PM
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ACCT, SCM UNDERGRAD STUDENTS ONLY.

6818010 A2 T 6:40-9:25PM
 MEETS: JAN 12-MAY 8
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, I BUS, BUSEC, FIN, MGMT, MIS, MKT, LSCM, UNDERGRAD STUDENTS ONLY.

PROCSS MGT,AN&IMPRV SCM 424 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, I BUS, MGMT, MIS, MKT, OSCM, LSCM, SCM UNDERGRAD MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.

5287005 A TR 2:10-3:30
 MEETS: JAN 12-MAY 8

5287010 B R 6:40-9:25PM
 MEETS: JAN 12-MAY 8

ERP SYS&SUPLY CHAIN SCM 450 3 CREDITS
 Prereq: SCM 301, MIS 330 OR I E 148, I E 341

8120005 A1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO SCM UNDERGRADS ONLY

8120010 A2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 Note: SEC A2 COLLEGE OF BUSINESS MAJORS EXCLUDING P BUS

DECISN TOOLS LOG&OP SCM 460 3 CREDITS
 Prereq: SCM 301
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

6790005 A1 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO LSCM, SCM MAJORS ONLY

6790010 A2 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, MIS, MKT AND OSCM MAJORS ONLY. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

PRIN TRANSPORTATION SCM 461 3 CREDITS
 Prereq: SCM 301
 Note: GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.

6791005 A1 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO LSCM, SCM UNDERGRADS ONLY

6791010 A2 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, MIS, MKT AND OSCM MAJORS ONLY.

6791015 B1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC B1 RESTRICTED TO LSCM, SCM UNDERGRADS ONLY

6791020 B2 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, MIS, MKT AND OSCM MAJORS ONLY.

INT'L TRANSPORT&LOG SCM 466 3 CREDITS
 Prereq: SCM 301
 Note: SEC A1 RESTRICTED TO I BUS, LSCM, SCM MAJORS ONLY. SEC A2 FOR MAJORS OTHER THAN I BUS, LSCM, SCM

6793005 A1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

6793010 A2 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

DEMAND PLANNING&MGT SCM 485 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO BUSINESS COLLEGE MAJORS ONLY EXCEPT P BUS. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION

1069005 A TR 3:40-5:00
 MEETS: JAN 12-MAY 8

1069010 B TR 12:40-2:00
 MEETS: JAN 12-MAY 8

PRIN PRCHS&SPLY MGT SCM 486 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, I BUS, LSCM, MGMT, MIS, MKT, OSCM, SCM MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION

4788005 A TR 9:30-10:50
 MEETS: JAN 12-MAY 8

4788010 B TR 8:00-9:15
 MEETS: JAN 12-MAY 8

SUPPLY CHAIN MANAGEMENT (CONTINUED)

STRGTC SPLY CHN MGT SCM 487 3 CREDITS
 Prereq: SCM 460 OR SCM 422 OR SCM 424; SCM 485 OR
 SCM 486
 Note: COURSE RESTRICTED TO LSCM, OSMC, SCM GRADUATING
 SENIORS S14. GRADUATE STUDENTS SEE 1200 GERDIN FOR
 PERMISSION
 3085005 A TR 11:00-12:15
 MEETS: JAN 12-MAY 8
 3085010 B TR 9:30-10:45
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY SCM 490 1- 3 CREDITS
 Prereq: SCM 301, SENIOR CLASSIFICATN, INSTRUCTOR
 PERMISSION
 Note: COURSE NOT OPEN TO P BUS MAJORS
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPPLY CHAIN MGMT SCM 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 9391005 A T 8:30-11:50
 MEETS: JAN 13-APRIL 7

STRATG PRCSSE ANALY SCM 524 3 CREDITS
 Prereq: SCM 501 OR PERMISSION OF INSTRUCTOR
 8590005 A T 6:00-9:20PM
 MEETS: JAN 13-APRIL 7
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

SPECIAL TOPICS SCM 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINR IN PURCHASNG SCM 603 3 CREDITS
 Prereq: SCM 601 OR CONCURRENT ENROLLMENT
 8039005 A T 1:10-4:00
 MEETS: JAN 12-MAY 8

SUSTAINABLE AGRICULTURE

STRAT DIVERSFD FARM SUSAG 546 3 CREDITS
 Prereq: SUSAG 509
 7427005 1 ARRANGED
 MEETS: JAN 12-MAY 8

AGROFORESTRY SYSTEMS SUSAG 571 3 CREDITS
 Prereq: 6 CR IN BIOL SCI AT 300-LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 5077005 MW 1:10-2:00 SCHULTZ R
 R 3:10-6:00PM SCHULTZ R
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 Section info: <http://www.sust.ag.iastate.edu/gpsa/courses/susag600/homepage.html>

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 TR 8:00-12:20
 MEETS: JAN 12-MAY 8

SUSTN DSN COLLOQ II SUS E 512 1 CREDIT
 Prereq: SUS E 511
 3625005 M 6:10-7:00PM
 MEETS: JAN 12-MAY 8

HUMN DIMENS SUSNBLY SUS E 531 3 CREDITS
 Prereq: GRADUATE STANDING OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 3820005 R 5:10-7:40PM
 MEETS: JAN 12-MAY 8

TECHNOLOGY & SOCIAL CHANGE

GLOBLIZTN &SUSTAINB T SC 220 3 CREDITS
 Note: T SC/ANTRH/ENV S/GLOBE/MAT E/M E/SOC 220
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT
 TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 3640005 1 MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 3640010 2 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 EXAMS WILL BE FACE TO FACE ON CAMPUS
 Course delivery is WWW

TECHNOLOGY & SOCIAL CHANGE (CONTINUED)

WORLD FOOD ISSUES T SC 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 5256005 1 TR 11:00-12:20 ZDORKOWSKI G
 MEETS: JAN 12-MAY 8
 5256010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 12-MAY 8
 Note: SEC. 2 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 5256015 3 TR 2:10-3:30 ZDORKOWSKI G
 MEETS: JAN 12-MAY 8
 5256020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 12-MAY 8
 Note: SEC. 4 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 5256025 5 TR 12:40-2:00 MERRICK L
 MEETS: JAN 12-MAY 8
 5256600 XW ARRANGED FORD C
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

PHIL OF TECHNOLOGY T SC 343 3 CREDITS
 Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
 AND 3 CREDITS OF SOCIAL SCIENCE
 5211005 A MWF 2:10-3:00 TSOU J
 MEETS: JAN 12-MAY 8
 5211010 B MWF 10:00-10:50 TSOU J
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY T SC 490 VAR. CREDITS
 Prereq: T SC 341, PERMISSION OF INSTRUCTOR & T SC
 COORDINATOR
 Note: Permission of coordinator required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCH&SOC CHG T SC 590 VAR. CREDITS
 Prereq: T SC 541, PERMISSION OF INSTRUCTOR & T SC
 COORDINATOR
 Note: Permission of coordinator required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT

EXPERNCING TECHNOL TSM 111 1 CREDIT
 Prereq: AST AND I TEC MAJORS ONLY OR PERMISSION
 OF INSTRUCTOR
 8507005 A M 10:00-11:50
 MEETS: JAN 12-MAY 8
 8507010 B W 10:00-11:50
 MEETS: JAN 12-MAY 8
 8507015 C F 10:00-11:50
 MEETS: JAN 12-MAY 8

SOLV TECHNOL PROBLM TSM 115 3 CREDITS
 Prereq: CR OR ENROLLMENT IN MATH 140 OR HIGHER
 1358005 A MW 2:10-4:00
 MEETS: JAN 12-MAY 8
 Note: SEC A FOR MAJORS OTHER THAN AST, I TEC
 1358010 B TR 3:40-5:40
 MEETS: JAN 12-MAY 8
 Note: SEC B RESTRICTED TO AST, I TEC MAJORS ONLY.

INTR DSIGN IN TCNOL TSM 116 3 CREDITS
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY.
 OTHERS MAY ADD WITH THE PERMISSION OF THE INSTRUCTOR
 4496005 A TR 8:00-9:50
 MEETS: JAN 12-MAY 8
 4496101 B TR 2:10-4:00
 MEETS: JAN 12-MAY 8

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 12-MARCH 6

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 12-MAY 8
 Note: SEC A1 RESTRICTED TO A B E, AST AND I TEC
 MAJORS
 1359010 A2 TR 3:40-5:00
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN A B E, AST OR I TEC

ADV TECH GRPHCS&CAD TSM 216 3 CREDITS
 Prereq: TSM 116
 4504005 A TR 12:40-2:30
 MEETS: JAN 12-MAY 8
 4504010 B TR 8:00-9:50
 MEETS: JAN 12-MAY 8

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

INTRO MANUFACT PROC TSM 240 3 CREDITS
 6601005 A M 2:10-3:00
 WF 9:00-10:50
 MEETS: JAN 12-MAY 8
 6601010 B M 2:10-3:00
 WF 1:10-3:00
 MEETS: JAN 12-MAY 8

TOTAL QUAL IMPROVMT TSM 310 3 CREDITS
 Prereq: STAT 101 OR STAT 104, JR CLASSIFICATION
 9202005 A MW 4:10-5:30
 MEETS: JAN 12-MAY 8

PRESRV GRAIN QUALITY TSM 322 2 CREDITS
 Prereq: MATH 140 OR HIGHER
 1352005 A1 TR 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO AST, I TEC MAJORS ONLY
 1352010 A2 TR 11:00-11:50
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN AST, I TEC
 1352600 XW ARRANGED MCGILL J
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

PRSRV GRAIN QUALITY TSM 322L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN TSM 322
 5581005 A W 9:00-11:50
 MEETS: JAN 12-MAY 8
 5581010 B F 9:00-11:50
 MEETS: JAN 12-MAY 8
 5581015 C F 12:10-3:00
 MEETS: JAN 12-MAY 8
 5581020 D M 9:00-11:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

AG MACHNRY &PWR MGT TSM 330 3 CREDITS
 Prereq: TSM 210; MATH 142/MATH 145X, 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 1:10-3:00
 MEETS: JAN 12-MAY 8
 1347010 B MW 10:00-10:50
 W 3:10-5:00
 MEETS: JAN 12-MAY 8
 1347015 C MW 10:00-10:50
 W 6:10-8:00PM
 MEETS: JAN 12-MAY 8

FLUID PWR SYS TCNOL TSM 337 3 CREDITS
 Prereq: TSM 210
 3335005 A MW 11:00-11:50
 T 2:40-4:30
 MEETS: JAN 12-MAY 8
 3335010 B MW 11:00-11:50
 T 12:40-2:30
 MEETS: JAN 12-MAY 8
 3335015 C MW 11:00-11:50
 T 9:30-11:20
 MEETS: JAN 12-MAY 8
 3335020 D MW 11:00-11:50
 W 12:40-2:30
 MEETS: JAN 12-MAY 8
 3335025 E MW 11:00-11:50
 W 2:40-4:30
 MEETS: JAN 12-MAY 8

ADV AUTOMA MFG PROC TSM 340 3 CREDITS
 Prereq: TSM 216, TSM 240, MATH 142/MATH 145X
 Note: COURSE RESTRICTED TO I TEC MAJORS ONLY
 4522005 A MW 8:00-8:50
 R 3:10-5:00
 MEETS: JAN 12-MAY 8
 4522010 B MW 8:00-8:50
 M 5:10-7:00PM
 MEETS: JAN 12-MAY 8
 4522015 C MW 8:00-8:50
 F 1:10-3:00
 MEETS: JAN 12-MAY 8
 4522020 D MW 8:00-8:50
 F 3:10-5:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 6831010 B TR 8:00-9:20
 W 12:10-3:00
 MEETS: JAN 12-MAY 8
 6831015 C TR 8:00-9:20
 M 2:10-5:00
 MEETS: JAN 12-MAY 8

ELECTR FOR AG&INDUS TSM 363 4 CREDITS
 6831020 D TR 8:00-9:20
 T 3:10-6:00PM
 MEETS: JAN 12-MAY 8
 Note: Department permission required.

OCCUPATIONAL SAFETY TSM 370 3 CREDITS
 Prereq: TSM 270, JUNIOR STANDING
 7282005 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Course delivery is WWW
 7282600 XW ARRANGED KEREN N
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

OCCUPAT SAFETY MGMT TSM 371 2 CREDITS
 5626005 A T 11:00-11:50
 ARRANGED
 MEETS: JAN 12-MAY 8
 5626600 XW ARRANGED FREEMAN S
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

TOPC TEC:MACHIN MGT TSM 393J 1- 4 CREDITS
 5654005 ARRANGED
 MEETS: JAN 12-MAY 8
 5654600 XG ARRANGED
 MEETS: JAN 20-MAY 7
 Note: PERMISSION OF GPIDEA COORDINATOR IS REQUIRED TO ENROLL, MICHELLE ZANDER, MZANDER@IASTATE.EDU.
 SEC XG OFFERED FOR 3 CREDITS FALL 2014.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

TECHNOLGY INTERNSHP TSM 397 R CREDIT
 Prereq: AT LEAST 45 CREDITS OF COURSEWORK, IN AST OR I TEC MAJOR, INTERNSHIP COORDINATOR APPROVAL Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORK EXPRNCE TCHNOL TSM 399 2 CREDITS
 Prereq: TSM 397 AND APPROVAL OF INTERNSHIP COORDINATOR
 Note: NO MORE THAN 4 CREDITS OF TSM 399 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.
 COURSE RESTRICTED TO TSM MAJORS & PERMISSION OF INSTRUCTOR REQUIRED PRIOR TO COMMENCING WORK EXPERIENCE.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNLGY CAPSTONE I TSM 415 1 CREDIT
 Prereq: SENIOR CLASSIFICATION WITH LESS THAN 32 CREDITS REMAINING
 Note: COURSE RESTRICTED THE AST, I TEC SENIORS ONLY
 6830005 F 9:00-10:50
 MEETS: JAN 12-MAY 8

TECHNOL CAPSTONE II TSM 416 5 CREDITS
 Prereq: TSM 415
 Note: COURSE RESTRICTED TO AST, I TEC SENIORS ONLY
 7031005 A M 9:00-9:50, ARRANGED
 MEETS: JAN 12-MAY 8

MATERLS FOR TECHNOL TSM 443 3 CREDITS
 Prereq: PHYS 111, MATH 142/MATH 145X OR MATH 151
 6985005 A MW 1:10-2:00
 T 12:40-2:30
 MEETS: JAN 12-MAY 8
 6985010 B MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 12-MAY 8

AUTOMATION SYSTEMS TSM 465 3 CREDITS
 Prereq: TSM 363
 Note: COURSE RESTRICTED TO AST & I TEC MAJORS ONLY
 7973005 A TR 11:00-11:50
 T 3:10-5:00
 MEETS: JAN 12-MAY 8
 7973010 B TR 11:00-11:50
 R 2:10-4:00
 MEETS: JAN 12-MAY 8
 7973015 C TR 11:00-11:50
 R 4:10-6:00PM
 MEETS: JAN 12-MAY 8

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

INDU HYGIEN:HAZARDS TSM 470 3 CREDITS
 Prereq: MATH 151 OR HIGHER
 5639005 A ARRANGED
 MEETS: JAN 12-MAY 8

INDEP STUDY HONORS TSM 490H 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
 AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.
 COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY MANUFACTRG TSM 490I 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
 AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY BIOSYS MGT TSM 490J 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
 AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN SYS TSM 490M 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
 AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU OCCUP SAFET TSM 490O 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
 AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WKSHP OCCUPA SAFETY TSM 493D 1- 4 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP AG&BIOSY 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

MASTER'S TECH COMM TSM 598 1 CREDIT
 Satisfactory-Fail Only.
 1911005 ARRANGED
 MEETS: JAN 12-MAY 8
 Cmptr reqmt: <http://agonline.iastate.edu/resources/computer-requirements>

CREATIVE COMPONENT TSM 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHING PRACTICUM TSM 694 1- 3 CREDITS
 1919005 ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

DOCTORAL TECH COMM TSM 698 1 CREDIT
 Satisfactory-Fail Only.
 1926005 ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 6729010 B MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

THEATRE AND SOCIETY THTRE 110 3 CREDITS
 1103005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

THE ACTOR'S VOICE THTRE 151 3 CREDITS
 Note: COURSE RESTRICTED TO PERF MAJORS ONLY
 6730005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY
 6731010 2 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
 6731015 3 ARRANGED
 MEETS: JAN 12-MAY 8
 Note: SEC 3 OFFERED FOR 2 CREDITS ONLY

THEATRE PRACTICUM THTRE 250 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 6732005 M 5:10-6:00PM
 ARRANGED
 MEETS: JAN 12-MAY 8

ACTING I THTRE 251 3 CREDITS
 6733005 A MWF 11:00-11:50
 MEETS: JAN 12-MAY 8
 6733010 B TR 11:00-12:20
 MEETS: JAN 12-MAY 8
 6733015 C MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

INTR THEATRICAL PROD THTRE 255 4 CREDITS
 6734005 A MWF 1:10-2:00
 M 2:10-5:00
 MEETS: JAN 12-MAY 8
 6734010 B MWF 1:10-2:00
 W 2:10-5:00
 MEETS: JAN 12-MAY 8
 6734015 C MWF 1:10-2:00
 R 2:10-5:00
 MEETS: JAN 12-MAY 8
 6734020 D MWF 1:10-2:00
 F 2:10-5:00
 MEETS: JAN 12-MAY 8

SCRIPT ANALYSIS THTRE 263 3 CREDITS
 6763005 TR 9:30-10:50
 MEETS: JAN 12-MAY 8

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

CRTV WRT:PLAYWRITNG THTRE 316 3 CREDITS
 Prereq: ENGL 105 OR ENGL 250, NOT OPEN
 TO FRESHMEN
 6736005 A1 TR 11:00-12:20 MENEFFEE C
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL MAJORS ONLY
 6736010 A2 TR 11:00-12:20 MENEFFEE C
 MEETS: JAN 12-MAY 8
 Note: SEC A2 RESTRICTED TO PERF MAJORS ONLY

ACTING II THTRE 351 3 CREDITS
 Prereq: THTRE 251, DANCE 120 RECOMMENDED
 6737005 1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8
 6737010 2 MWF 12:10-1:00
 MEETS: JAN 12-MAY 8

THEATRE (CONTINUED)

MUSICAL THEATRE II THTRE 355 3 CREDITS
 Prereq: THTRE 354
 3132005 TR 2:10-3:30, ARRANGED
 MEETS: JAN 12-MAY 8

STAGECRAFT THTRE 360 4 CREDITS
 Prereq: THTRE 255
 6742005 TR 9:30-10:50
 ARRANGED
 MEETS: JAN 12-MAY 8

WKSP: COSTUME DESIGN THTRE 393A 3 CREDITS
 Prereq: 3 CREDITS IN THEATRE
 3626005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

WRKSP: SCENIC DESIGN THTRE 393B 3 CREDITS
 Prereq: 3 CREDITS IN THEATRE
 3627005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

DIRECTING II THTRE 456 3 CREDITS
 Prereq: THTRE 455
 1116005 MW 2:10-3:30
 MEETS: JAN 12-MAY 8

HIST OF THEATRE II THTRE 466 3 CREDITS
 Prereq: THTRE 465
 6749005 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

ADV THTRE PRACTICUM THTRE 469 1- 3 CREDITS
 Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN THEATRE, APPROVED WRITTEN
 PROPOSAL, JUNIOR CLASSIFICATION
 Note: NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP THTRE 499 1- 8 CREDITS
 Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED
 APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR
 OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL
 AND 3.00 IN THTRE COURSES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THTRE 590 1- 4 CREDITS
 Prereq: APPROVED WRITTEN PROPOSAL
 Note: Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY

FOODBORNE HAZARDS TOX 419 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302, A COURSE IN
 BIOCHEMISTRY
 Note: CREDIT FOR EITHER FS HN/TOX/MICRO 419 OR
 FS HN/TOX/NUTRS 519, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION.
 8578005 MWF 11:00-11:50 HENDRICH S
 MEETS: JAN 12-MAY 8

TOXICOLOGY SEMINAR TOX 504 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 7126005 T 4:10-5:00
 MEETS: JAN 12-MAY 8

VETERINARY TOXICOLOGY TOX 526 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9010005 MTR 11:00-11:50
 MEETS: JAN 12-MAY 8

CLIN & DIAGNOS TOXIC TOX 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526
 1231005 ARRANGED
 MEETS: JAN 12-MAY 8

PESTICIDES IN ENVIR TOX 550 2 CREDITS
 Prereq: 9 CREDITS OF BIOLOGICAL SCIENCES
 9666005 A TR 9:00-9:50 COATS J
 MEETS: JAN 12-MAY 8

GENERAL PHARMACOLGY TOX 554 3 CREDITS
 Prereq: B M S 549, B M S 552; BBMB 404, BBMB 405
 4499005 MR 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 12-MAY 8

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

TOXICOLOGY (CONTINUED)

ADV FOOD MICROBIOLG TOX 626 3 CREDITS
 Prereq: FS HN 420 OR FS HN 421 OR FS HN 504
 6776005 TR 2:10-3:30 BREHM-STECHER B
 MEETS: JAN 12-MAY 8

CURRNT TOPC TOXICOL TOX 689 R CREDIT
 Satisfactory-Fail Only.
 4280005 ARRANGED
 MEETS: JAN 12-MAY 8

GRAD RESEARCH ROTAT TOX 697 1-12 CREDITS
 Prereq: ADMISSION TO TOX GRADUATE PROGRAM
 8363005 ARRANGED
 MEETS: JAN 12-MAY 8

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 12-MAY 8

CREATIVE COMPONENT TRANS 599 1- 3 CREDITS
 4160005 1 ARRANGED
 MEETS: JAN 12-MAY 8

SEMINR TRANSP PLAN TRANS 691 1 CREDIT
 6786005 ARRANGED
 MEETS: JAN 12-MAY 8

RESEARCH TRANS 699 VAR. CREDITS
 6787005 ARRANGED
 MEETS: JAN 12-MAY 8

U.S. LATINO/A STUDIES

INTR U.S. LATINO ST US LS 211 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2890005 1 TR 11:00-12:30
 MEETS: JAN 12-MAY 8

2890010 2 MWF 10:00-10:50 BEHNKEN B
 MEETS: JAN 12-MAY 8

UNIVERSITY STUDIES

FIRST-YR SMNR I:SCI U ST 101C 1 CREDIT
 Prereq: ACCEPTANCE/PARTICIPATION IN SCIENCE
 BOUND PROGRAM
 Satisfactory-Fail Only.
 5706005 1 W 12:10-1:00
 MEETS: JAN 12-MAY 8

5706010 2 W 1:10-2:00
 MEETS: JAN 12-MAY 8

FIRST-YR SEM II:MVP U ST 102A 1 CREDIT
 Prereq: U ST 101 OR INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 5727005 1 M 11:00-11:50
 MEETS: JAN 12-MAY 8

5727010 2 T 11:00-11:50
 MEETS: JAN 12-MAY 8

5727015 3 W 11:00-11:50
 MEETS: JAN 12-MAY 8

5727020 4 M 10:00-10:50
 MEETS: JAN 12-MAY 8

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 12-MAY 8

5728010 2 W 1:10-2:00
 MEETS: JAN 12-MAY 8

PERSONAL CAREER DEV U ST 104 2 CREDITS
 6243005 1 TR 8:00-8:50
 MEETS: JAN 12-MAY 8

6243010 2 MW 11:00-11:50
 MEETS: JAN 12-MAY 8

6243015 3 MW 2:10-3:00
 MEETS: JAN 12-MAY 8

6243020 4 TR 2:10-3:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8

4173010 2 T 10:00-10:50
 MEETS: JAN 12-MAY 8

4173015 3 R 10:00-10:50
 MEETS: JAN 12-MAY 8

4173020 4 W 10:00-10:50
 MEETS: JAN 12-MAY 8

UNIVERSITY STUDIES (CONTINUED)

MCNAIR:LIT &METHDOL U ST 302 1 CREDIT
 Prereq: U ST 301
 Satisfactory-Fail Only.
 6494005 1 M 6:10-8:00PM
 MEETS: JAN 12-MAY 8

LEADERS SMNR I:HIKS U ST 311A 1 CREDIT
 Prereq: 101
 Satisfactory-Fail Only.
 7281005 1 M 4:10-5:00
 MEETS: JAN 12-MAY 8
 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 CRUZ T
 MEETS: JAN 12-MAY 8

LEADRS SMNR I:STRNG U ST 311C 1 CREDIT
 Satisfactory-Fail Only.
 8396005 1 M 3:10-5:00
 MEETS: MARCH 9-MAY 8

CY AIDE LEADRS SMNR U ST 315 2 CREDITS
 Prereq: SELECTION AS A CYCLONE AIDE STUDENT
 LEADER
 Satisfactory-Fail Only.
 5284005 1 TR 8:00-9:20
 MEETS: JAN 12-MAY 8

MCNAIR:FINAL REPORT U ST 402 1 CREDIT
 Prereq: 401
 Satisfactory-Fail Only.
 6495005 1 T 6:10-8:00PM
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY U ST 490 VAR. CREDITS
 Prereq: PERMISSION OF THE ASSOCIATE PROVOST
 Note: PERMISSION OF THE CHAIR OF THE INTERNATIONAL
 STUDIES COMMITTEE & ASSOCIATE PROVOST ARE REQUIRED.
 Department permission required.

 SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS U ST 590 VAR. CREDITS
 Prereq: PERMISSION OF GRADUATE COLLEGE
 Note: Department permission required.

8502002 1 ARRANGED
 MEETS: JAN 12-MAY 8

8502004 2 ARRANGED
 MEETS: JAN 12-MAY 8

8502006 3 ARRANGED
 MEETS: JAN 12-MAY 8

8502008 4 ARRANGED
 MEETS: JAN 12-MAY 8

8502010 5 ARRANGED
 MEETS: JAN 12-MAY 8

URBAN DESIGN

URBN DSN GLOBL STDO URB D 502 6 CREDITS
 Prereq: GRADUATE STANDING, OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 3863005 MW 8:00-1:00
 MEETS: JAN 12-MAY 8

URBAN DESIGN THEORY URB D 522 3 CREDITS
 Prereq: GRADUATE STANDING, OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 4048005 R 5:10-7:40PM
 MEETS: JAN 12-MAY 8

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 12-MAY 8

INTR PROD INFRMTICS VDPAM 309 1 CREDIT
 M 12:10-1:00
 MEETS: JAN 12-MAY 8

INTR PRODUCTION MED VDPAM 310 2 CREDITS
 Prereq: CLASSIFICATION AS SECOND OR THIRD YEAR
 VETERINARY STUDENT OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED
 SOPHOMORES AND JUNIORS
 8463005 W 1:10-3:00
 MEETS: JAN 12-MAY 8

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

INTRO ANIML WELFARE VDPAM 312 1 CREDIT
 Prereq: CLASSIFICATION AS A FIRST YEAR VETERINARY
 STUDENT
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED
 STUDENTS ONLY
 1665005 F 9:00-9:50

CLINICAL FOUNDATNS VDPAM 340 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 4872005 ARRANGED
 MEETS: JAN 12-MAY 8

BOVIN EMBRYO TRNSFR VDPAM 351 2 CREDITS
 Prereq: CLASSIFICATION AS A SECOND OR THIRD YEAR
 VETERINARY STUDENT
 9310005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV DAIRY INFORMTCS VDPAM 402A 2 CREDITS
 Prereq: VDPAM 309 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 2547005 A ARRANGED

ADV DY INF EXPRNC I VDPAM 402B 2 CREDITS
 Prereq: VDPAM 402A
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 4987005 A 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 A 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 A ARRANGED

CLINCL DECISN MAKNG VDPAM 407 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5440005 ARRANGED
 MEETS: JAN 12-MAY 8

POULTRY DISEASES VDPAM 408 2 CREDITS
 Prereq: ENROLLMENT IN COLLEGE OF VETERINARY
 MEDICINE OR PERMISSION OF INSTRUCTOR
 5607005 ARRANGED
 MEETS: JAN 12-MAY 8

VET PRACTCE MGT&ORG VDPAM 409 2 CREDITS
 8766005 ARRANGED
 MEETS: JAN 12-MAY 8

VET PRAC ENTREPRENR VDPAM 414 2- 3 CREDITS
 TR 12:10-1:00
 MEETS: JAN 12-MAY 8

BOVIN REPROD EV LAB VDPAM 416 1 CREDIT
 Prereq: CLASSIFICATION AS A THIRD YEAR STUDENT IN
 VETERINARY MEDICINE. 10 STUDENTS PER SECTION
 5110005 A M 1:10-5:00
 MEETS: JAN 12-MARCH 6

5110010 B F 1:10-5:00
 MEETS: JAN 12-MARCH 6

5110015 C M 1:10-5:00
 MEETS: MARCH 9-MAY 8

5110020 D F 1:10-5:00
 MEETS: MARCH 9-MAY 8

PRECP:MXD FD AN MED VDPAM 420A 1- 6 CREDITS
 Prereq: CLASSIFICATION AS A FOURTH YEAR STUDENT
 IN VETERINARY MEDICINE
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 9072005 ARRANGED

PRECP PRD AN MD:MXD VDPAM 420B 1- 6 CREDITS
 Prereq: CLASSIFICATION AS A FOURTH YEAR STUDENT
 IN VETERINARY MEDICINE
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 5207005 ARRANGED

PRECP PROD AN:GOVT VDPAM 420C 1- 6 CREDITS
 Prereq: CLASSIFICATION AS A FOURTH YEAR STUDENT
 IN VETERINARY MEDICINE
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 5210005 ARRANGED

GPVEC: CALVING VDPAM 421A 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4419005 1 ARRANGED

GPVEC: BULL BREEDNG VDPAM 421B 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4417005 1 ARRANGED

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

GPVEC: CLIN CALVING VDPAM 421C 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4422005 1 ARRANGED

GPVEC: FEEDLOT MGT VDPAM 421D 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4423005 1 ARRANGED

GPVEC: LAMBING VDPAM 421J 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4476005 1 ARRANGED

GPVEC: EQUI DENTIST VDPAM 421K 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4520005 1 ARRANGED

GPVEC: GOMER SURGRY VDPAM 421P 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4570005 1 ARRANGED

PRD MD:CATTL MARKTG VDPAM 422A 2 CREDITS
 Prereq: VDPAM 310; ABILITY TO PROVIDE OWN
 TRANSPORTATION TO EACH SITE; FOURTH YEAR
 CLASSIFICATION IN VETERINARY MEDICINE
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 4577005 1 ARRANGED

PRD MD:CATTL PROC SG VDPAM 422B 2 CREDITS
 Prereq: VDPAM 310; ABILITY TO PROVIDE OWN
 TRANSPORTATION TO EACH SITE; FOURTH YEAR
 CLASSIFICATION IN VETERINARY MEDICINE
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 4576005 ARRANGED

PRD MED:BEEF FEEDLT VDPAM 422C 2 CREDITS
 Prereq: VDPAM 310; ABILITY TO PROVIDE OWN
 TRANSPORTATION TO EACH SITE; FOURTH YEAR
 CLASSIFICATION IN VETERINARY MEDICINE
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 4578005 1 ARRANGED

PRD BF:MED CONSULTI VDPAM 422D 2 CREDITS
 Prereq: VDPAM 310; ABILITY TO PROVIDE OWN
 TRANSPORTATION TO EACH SITE; FOURTH YEAR
 CLASSIFICATION IN VETERINARY MEDICINE
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 4591005 1 ARRANGED

PRD MED:CATTL CALVI VDPAM 422E 2 CREDITS
 Prereq: VDPAM 310; ABILITY TO PROVIDE OWN
 TRANSPORTATION TO EACH SITE; FOURTH YEAR
 CLASSIFICATION IN VETERINARY MEDICINE
 4594005 1 ARRANGED

PRD MED:CTTL STOCKR VDPAM 422F 2 CREDITS
 Prereq: VDPAM 310; ABILITY TO PROVIDE OWN
 TRANSPORTATION TO EACH SITE; FOURTH YEAR
 CLASSIFICATION IN VETERINARY MEDICINE
 4704005 1 ARRANGED
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS

VET TOXICOLOGY VDPAM 426 3 CREDITS
 Prereq: CLASSIFICATION AS A THIRD YEAR STUDENT IN
 VETERINARY MEDICINE
 6860005 MTR 11:00-11:50
 MEETS: JAN 12-MAY 8

PRIN OF EPIDEMIOLOGY VDPAM 428 3 CREDITS
 5490005 ARRANGED

BF RECRD ANLY:INTRO VDPAM 436A 1 CREDIT
 Prereq: 1ST, 2ND OR 3RD YEAR CLASSIF IN VET MED
 OR PERMISSION OF INSTRUCTOR
 4535005 1 T 12:10-1:00, ARRANGED
 MEETS: JAN 12-MAY 8

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 ARRANGED
 MEETS: JAN 12-MAY 8

BF RCRDS:PRVNTV MED VDPAM 436C 1 CREDIT
 Prereq: VDPAM 436A, VDPAM 436B; 1ST, 2ND OR 3RD
 YEAR CLASSIF IN VET MED OR PERMISSION OF INSTRUCTOR
 5262005 ARRANGED
 MEETS: JAN 12-MAY 8

BF RCRDS:FEEDLT PRD VDPAM 436D 1 CREDIT
 Prereq: VDPAM 436A, VDPAM 436B, VDPAM 436C;
 1ST, 2ND OR 3RD YEAR CLASSIF IN VET MED OR PERMISSION
 OF INSTRUCTOR
 5280005 ARRANGED
 MEETS: JAN 12-MAY 8

PROD ANM CLINCL MED VDPAM 445 3 CREDITS
 Prereq: 3RD-YEAR CLASSIFICATION IN VET MED
 6865005 MWF 9:00-9:50
 MEETS: JAN 12-MAY 8

CLIN EMBRYO TRANSFR VDPAM 451 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4334005 1 MTWRF 8:00-5:00

DIAGNOS LAB PRACTCM VDPAM 455 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6827005 MTWRF 1:10-5:00

ADV STCKR/FDLOT MED VDPAM 464 2 CREDITS
 Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION
 IN VETERINARY MEDICINE
 9311005 MTWRF 8:00-5:00

THERIOGENOL:FD ANIM VDPAM 471 2 CREDITS
 6694005 MTWRF 8:00-5:00

FD AN&CAM FIELD SRV VDPAM 476 2 CREDITS
 Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN
 VETERINARY MEDICINE
 8725005 MTWRF 8:00-5:00

FD ANM&CAM MED&SURG VDPAM 477 1- 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2014
 Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 6909005 MTWRF 8:00-11:50
 MTWRF 12:10-5:00

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 OR PERMISSION OF INSTRUCTOR
 5572005 1 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 1 ARRANGED

BF PROD MED PRECPTR VDPAM 482 1- 6 CREDITS
 Prereq: VDPAM 310 AND PERMISSION OF INSTRUCTOR;
 ABILITY TO PROVIDE TRANSPORTATION TO EACH SITE
 4331005 ARRANGED
 MEETS: JAN 12-MAY 8

APP DAIRY PRODU MED VDPAM 485 1- 6 CREDITS
 Prereq: VDPAM 310
 5431005 ARRANGED
 MEETS: JAN 12-MAY 8

INTR SM RUM PROD MD VDPAM 486 1 CREDIT
 Prereq: CLASSIFICATION AS A THIRD YEAR
 VETERINARY STUDENT OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS IN VET
 MED COLLEGE. SOPHMORES REQUIRE PERMISSION OF
 INSTRUCTOR.
 4549005 1 W 12:10-1:00
 MEETS: JAN 12-MAY 8

CLINIC MICROBIO LAB VDPAM 488 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6950005 MTWRF 8:30-11:20
 MEETS: JAN 12-MAY 8

ISSUES FOOD SAFETY VDPAM 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS
 HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
 8351005 MW 2:10-3:00 MENDONCA A
 MEETS: JAN 12-MARCH 6

INDEPENDENT STUDY VDPAM 490 1- 5 CREDITS
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ORIENTA INT'L EXPER VDPAM 492 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 Satisfactory-Fail Only.
 6468005 ARRANGED
 MEETS: JAN 12-MAY 8

6468800 GB ARRANGED
 MEETS: JAN 12-MAY 8

ADV DAIRY PRODU MED VDPAM 494 2 CREDITS
 Prereq: VDPAM 484 OR PERMISSION OF INSTRUCTOR
 1372005 ARRANGED

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

ADV SM RUMN PROD MD VDPAM 495 2 CREDITS
 Prereq: VDPAM 486, FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE, OR PERMISSION OF INSTRUCTOR
 9309005 ARRANGED

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED SOPH AND ABOVE.
 Satisfactory-Fail Only.
 7848005 ARRANGED
 MEETS: JAN 12-MAY 8

CLINCL DECISN MAKNG VDPAM 507 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5439005 ARRANGED
 MEETS: JAN 12-MAY 8

POULTRY DISEASES VDPAM 508 2 CREDITS
 Prereq: ENROLLMENT IN COLLEGE OF VET MED
 5634005 ARRANGED
 MEETS: JAN 12-MAY 8

VET PRAC ENTREPRENR VDPAM 514 2- 3 CREDITS
 Prereq: GRADUATE VETERINARIAN OR DVM-DUAL GRADUATE DEGREE CANDIDATE
 8890005 TR 12:10-1:00
 MEETS: JAN 12-MAY 8

VETERNRY TOXICOLOGY VDPAM 526 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 6897005 MTR 11:00-11:50
 MEETS: JAN 12-MAY 8

PRIN OF EPIDEMIOLOGY VDPAM 528 3 CREDITS
 6895005 MTR 10:00-11:50
 MEETS: JAN 12-MAY 8
 6895010 B ARRANGED
 MEETS: JAN 12-MAY 8

INTRO DNA TECHNIQS VDPAM 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7389005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-FEB 12

INTR PROTEIN TECHNQ VDPAM 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7391005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 17-MARCH 26

INTRO CELL TECHNIQS VDPAM 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7400005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 31-APRIL 30

INTR PLNT TRNSFM TQ VDPAM 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Note: MEETS JAN 21-FEB 4 AND MARCH 25-APRIL 17
 Satisfactory-Fail Only.
 7409005 WF 12:30-4:00
 MEETS: JAN 21-APRIL 17

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526
 7676005 ARRANGED
 MEETS: JAN 12-MAY 8

ADV VET DIAGNOS LAB VDPAM 551 1- 3 CREDITS
 Prereq: VDPAM 455
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV COW/CF PROD MED VDPAM 581 2 CREDITS
 Prereq: COMPLETION OF TWO SEMESTERS OF VDPAM 436 OR UNL EQUIVALENT (VMED 596 CATTLE PRODUCTION), 4TH YEAR CLASSIFICATION IN VETERINARY MEDICINE, GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 9312005 1 ARRANGED

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 12-MAY 8

CREATIVE COMPONENT VDPAM 599 VAR. CREDITS
 Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

SWINE DIAGNOSTC MED VDPAM 650 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6907005 ARRANGED
 MEETS: JAN 12-MAY 8

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

VETERINARY CLINICAL SCIENCES

SHELTER MEDICINE V C S 305 1 CREDIT
 Prereq: FIRST YEAR CLASSIFICATION IN VETERINARY MEDICINE OR WITH PERMISSION OF INSTRUCTOR
 6948005 R 12:10-1:00
 MEETS: JAN 12-MAY 8

VET IN SOCIETY V V C S 315 1 CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
 7785005 1 RF 8:00-5:00
 MEETS: JAN 8-10
 ACKERMANN M

GRAND ROUNDS V C S 385 R CREDIT
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE
 Satisfactory-Fail Only.
 7446005 F 8:00-8:50 AUCK S

SURGERY PRINCIP LAB V C S 394 1 CREDIT
 Prereq: 2ND YR CLASSIFICATION IN VET MED
 3831005 1 W 1:10-3:00 REINERTSON E
 3831010 2 W 3:10-5:00 REINERTSON E

SMALL ANIML SURGERY V C S 395 2 CREDITS
 Prereq: 394
 3873005 TR 8:00-8:50 TOOMBS J

EQUINE SURGERY V C S 396 2 CREDITS
 Prereq: 394
 3899005 T 8:00-9:50 AUCK S

ANESTHESIOLOGY V C S 398 1 CREDIT
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 3472005 M 9:00-9:50 RIEDESEL D
 MEETS: JAN 12-MAY 8

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 R 1:10-5:00 ZAFFARANO B
 F 1:10-3:00 ZAFFARANO B
 MEETS: JAN 12-MARCH 6

ONCOLOGY V C S 409 2- 4 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2014
 9213005 MTWRF 8:00-5:00 FOX L

COMPANION AN NUTRI V C S 414 1 CREDIT
 Prereq: THIRD OR FOURTH-YR CLASSIFICATN IN V MED
 7777005 ARRANGED
 MEETS: JAN 12-MARCH 6
 DEITZ K

PRECEPTOR COMPAN/EQ V C S 419 2- 6 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE
 1664005 ARRANGED REINERTSON E
 Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

PRACTICUM V C S 420X R CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Satisfactory-Fail Only.
 9542005 ARRANGED NOXON J
 MEETS: JAN 12-MAY 8

BLANK PK ZOO ROTATN V C S 422 4 CREDITS
 Prereq: V C S 405, FOURTH-YEAR CLASSIFICATION IN V MED, PERMISSION OF INSTRUCTOR
 1166005 MTWRF 8:00-5:00 OLDS J

SM ANIML SHELTR MED V C S 437 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 7944005 MTWRF 8:00-5:00 KAUFFMAN L
 MEETS: JAN 12-MAY 8

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

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY CLINICAL SCIENCES (CONTINUED)

CANINE REHABILITATN V C S 441 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2014
 9232005 MTWRF 8:00-5:00 BERGH M

EQUINE LAMENESS V C S 443 2 CREDITS
 Prereq: 2ND OR 3RD YR CLASSIFICATION IN VET MED
 6882005 R 1:10-5:00, ARRANGED MCCLURE S
 MEETS: JAN 12-MARCH 6

CLINICAL NEUROLOGY V C S 446 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
 5112005 MTWRF 8:00-5:00 JEFFERY N

DIAGNO IMAG&RADIOBI V C S 448 3 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 6886005 1 TR 10:00-10:50 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 TOOMBS J
 M 1:10-5:00 TOOMBS J
 MEETS: MARCH 9-MAY 8

ADV TRADIT SURG LAB V C S 451B 2 CREDITS
 Prereq: 449
 7005005 1 W 11:00-11:50 TOOMBS J
 M 1:10-5:00 TOOMBS J
 MEETS: JAN 12-MARCH 6
 7005010 2 W 11:00-11:50 TOOMBS J
 F 1:10-5:00 TOOMBS J
 MEETS: JAN 12-MARCH 6
 7005015 3 W 11:00-11:50 TOOMBS J
 M 1:10-5:00 TOOMBS J
 MEETS: MARCH 9-MAY 8

CLINICL DERMATOLOGY V C S 452 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY
 MEDICINE. MUST HAVE INSTRUCTOR PERMISSION TO REPEAT
 THIS COURSE.
 1931005 MTWRF 8:00-5:00 NOXON J

SMALL ANIMAL MED I V C S 453 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6889005 MTWRF 8:00-5:00 MORRISON J

SMALL ANIMAL MED II V C S 454 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6890005 MTWRF 8:00-5:00 MORRISON J

SM AN SOFT TISS SUR V C S 455 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6891005 MTWRF 8:00-5:00 HEDLUND C

SM AN ORTHOPED SURG V C S 456 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6892005 MTWRF 8:00-5:00 KRAUS K

EQUINE MEDICINE V C S 457 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6893005 MTWRF 8:00-11:50 WONG D
 MTWRF 2:10-5:00 WONG D

EQUINE SURGERY V C S 458 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6894005 MTWRF 8:00-11:50 AUCK S
 MTWRF 2:10-5:00 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 KAUFFMAN L
 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 KAUFFMAN L
 Note: DES MOINES

SM AN OVERPOP K.C. V C S 459C 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4313005 ARRANGED KAUFFMAN L
 Note: KANSAS CITY

RADIOLOGY V C S 460 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6896005 MTWRF 8:00-5:00 MILES K

ADV SM AN INTRNL MD V C S 461 1 CREDIT
 Prereq: V C S 444 AND V C S 436
 2491005 T 5:10-6:00PM MORRISON J

PRIMARY CARE V C S 463 2 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN VET MED
 2322005 MTWRF 8:00-5:00 ZAFFARANO B

EQUINE FIELD SERVIC V C S 464 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4247005 MTWRF 8:00-5:00 SPONSELLER B

FARRIER V C S 465 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
 457, 458
 7756005 MTWRF 8:00-5:00 AUCK S

VET ANESTHESIOLOGY V C S 466 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6898005 MTWRF 8:00-5:00 KRAUS B

PAIN MANAGEMENT V C S 467 1- 2 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN V MED
 9108005 MTWRF 8:00-5:00 KRAUS B
 MEETS: JAN 12-MAY 8

INTENSIVE CARE V C S 468 4 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6900005 ARRANGED CURTIS M

OPHTHALMOLOGY V C S 469 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6901005 MTWRF 8:00-5:00 ALLBAUGH R

RADIOLOGY V C S 470 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
 460 RECOMMENDED
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM REPRODUCTN V C S 471S VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM SURG ORTHO V C S 4730 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML AN SURG SOF TIS V C S 473S 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE ANESTHESLOGY V C S 476E 1- 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SM ANIML ANESTHESIO V C S 476S 1- 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV EQUINE DENTISTR V C S 481 2 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN V MED
 8330005 MTWRF 8:00-5:00
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY V C S 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS V C S 490H VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ORIENTN INT'L EXPER V C S 492 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 6148005 ARRANGED NOXON J

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 AUCK S

INT'L PRECEPTORSHIP V C S 496 1-12 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 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

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY MICROBIOLOGY & PREV MED (CONTINUED)

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 OPHTHALMOLGY V C S 590F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.

 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V C S 599 VAR. CREDITS
 Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
 6920005 ARRANGED
 MEETS: JAN 12-MAY 8

SEMINAR V C S 604 1 CREDIT
 6921005 ARRANGED

ADV SPECIAL SURGERY V C S 672 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6926005 ARRANGED

RESEARCH MEDICINE V C S 699A VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SURGERY V C S 699B VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

RSRCH ANESTHESIOLOGY V C S 699E VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

RSEARCH OPHTHALMOLGY V C S 699F VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MICROBIOLOGY & PREV MED

CASE STUDY IV V MPM 378 2 CREDITS
 Prereq: 2ND-YEAR CLASSIFICATION IN VET MED
 6744005 MR 1:10-2:00 FLAMING K
 MEETS: JAN 12-MAY 8

VETERINARY IMMUNOLGY V MPM 380 2 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN V MED
 6941010 WF 11:00-11:50 BROWN G
 MEETS: JAN 12-MAY 8

VETERINARY VIROLOGY V MPM 387 3 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED
 6943010 1 TWR 9:00-9:50 PLATT K
 MEETS: JAN 12-MAY 8

PUBLIC HEALTH&VT PRO V MPM 388 3 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED
 6944005 1 MWF 11:00-11:50 DAVIS R
 MEETS: JAN 12-MAY 8

INFECT DIS WILD ANI V MPM 409 1 CREDIT
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 8783005 1 T 5:10-7:00PM THOEN C
 MEETS: JAN 12-MAY 8

PRIN OF EPIDEMIOLOGY V MPM 428 3 CREDITS
 5564005 ARRANGED

INFEC DIS&PREVN MED V MPM 437 3 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 6949005 1 MWF 10:00-10:50 GRIFFITH R
 MEETS: JAN 12-MAY 8

PUBLIC HEALTH LAB V MPM 486 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6951005 MTWRF 2:10-5:00 DAVIS R

INDEPENDENT STUDY V MPM 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.

 SEE DEPT FOR REFERENCE NUMBERS

ZOO PRECEPTORSHIP V MPM 494 1- 8 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN V MED

 SEE DEPT FOR REFERENCE NUMBERS

PRIN OF EPIDEMIOLOGY V MPM 528 3 CREDITS
 5368005 MTR 10:00-11:50
 MEETS: JAN 12-MAY 8
 5368010 B ARRANGED
 MEETS: JAN 12-MAY 8

ZOONOSES V MPM 536 3 CREDITS
 Prereq: V MPM 386, 387 AND 388 OR EQUIVALENT OR
 PERMISSION OF INSTRUCTOR
 5588005 ARRANGED
 MEETS: JAN 12-MAY 8

INTR PLNT TRNSFM TO V MPM 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Note: MEETS JAN 21-FEB 4 AND MARCH 25-APRIL 17
 Satisfactory-Fail Only.
 9671005 WF 12:30-4:00
 MEETS: JAN 21-APRIL 17

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 12-MAY 8

ANIMAL VIROLOGY V MPM 587 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7951005 ARRANGED
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS V MPM 590 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.

 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V MPM 599 VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 7307005 ARRANGED
 MEETS: JAN 12-MAY 8
 7307115 ET ARRANGED
 MEETS: JAN 12-MAY 8
 7307105 KY ARRANGED
 MEETS: JAN 12-MAY 8

MECHNSM BACT PATHOG V MPM 625 4 CREDITS
 Prereq: CR IN BIOCHEMISTRY AND MICROBIOLOGY
 6963005 ARRANGED MINION F
 MEETS: JAN 12-MAY 8

PTHGN PERSIST INFEC V MPM 660 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 4256005 M 2:10-4:00 JONES D
 MEETS: JAN 12-MAY 8

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 2014.
 7082005 M 3:10-5:00 JOHANSEN J
 MEETS: JAN 12-MAY 8

RESEARCH V MPM 699 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY

ANATOMY PATHOLOGY I V PTH 342 3 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
 7445005 1 M 1:10-2:00 FALES-WILLIAMS A
 F 8:00-8:50 FALES-WILLIAMS A
 W 1:10-3:00 FALES-WILLIAMS A
 MEETS: JAN 12-MAY 8

7445010 2 M 1:10-2:00 FALES-WILLIAMS A
 F 8:00-8:50 FALES-WILLIAMS A
 W 3:10-5:00 FALES-WILLIAMS A
 MEETS: JAN 12-MAY 8

GENOME PRSPCTV BIOL V PTH 349X 2 CREDITS
 Prereq: GEN 313 OR GEN 320
 9693005 TR 3:40-4:30
 MEETS: JAN 12-MAY 8

INTRO PARASITOLOGY V PTH 353 3 CREDITS
 Prereq: BIOL 212
 9209005 TR 9:30-10:50 JONES D
 MEETS: JAN 12-MAY 8

INTRO TO PATHOLOGY V PTH 402 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
 9538005 TR 4:10-5:30 HAYNES J
 MEETS: JAN 12-MAY 8

VETERINARY PATHOLOGY (CONTINUED)

VETERINARY PATHOLOGY (CONTINUED)

INTR VET CYTOL&TCNQ V PTH 409 1 CREDIT
 Prereq: 3RD YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO VET MED JUNIORS ONLY.
 8991005 1 T 1:10-3:00 HOSTETTER S
 MEETS: JAN 12-MAY 8
 8991010 2 T 3:10-5:00 HOSTETTER S
 MEETS: JAN 12-MAY 8

CLINICAL PATHOLOGY V PTH 425 4 CREDITS
 Prereq: 372
 7004005 MF 10:00-10:50 HOSTETTER S
 TWR 10:00-10:50 HOSTETTER S
 R 11:00-11:50 HOSTETTER S
 MEETS: JAN 12-MAY 8

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 FALES-WILLIAMS A
 S 10:00-11:50 FALES-WILLIAMS A

CLIN PATH LAB PRACT V PTH 457 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO VET MED SENIORS
 7008005 MTWRF 8:00-11:50 FLAHERTY H

INDEPENDENT STUDY V PTH 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRINCIPLES PATHOLOGY V PTH 503X 3 CREDITS
 8632005 MTR 9:00-9:50 SMITH J
 MEETS: JAN 12-MAY 8

ANATOMC PATHOLOGY I V PTH 542 3 CREDITS
 Prereq: GRAD CLASSIFICATN & BIOL 352 OR EQUIV FOR
 GRAD CREDIT, PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 7015005 1 M 1:10-2:00 FALES-WILLIAMS A
 F 8:00-8:50 FALES-WILLIAMS A
 W 1:10-3:00 FALES-WILLIAMS A
 MEETS: JAN 12-MAY 8
 7015010 2 M 1:10-2:00 FALES-WILLIAMS A
 F 8:00-8:50 FALES-WILLIAMS A
 W 3:10-5:00 FALES-WILLIAMS A
 MEETS: JAN 12-MAY 8

DIAGN PARASITOL LAB V PTH 548 1- 3 CREDITS
 Prereq: 376 OR 576
 9668005 ARRANGED BREWER M
 MEETS: JAN 12-MAY 8

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT
 Prereq: 457, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 7037005 ARRANGED FLAHERTY H
 MEETS: JAN 12-MAY 8
 Note: Instructor permission required.

SURGICAL PATHOL LAB V PTH 550 1- 3 CREDITS
 Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 7479005 ARRANGED HAYNES J
 MEETS: JAN 12-MAY 8

POSTMORT PATHOL LAB V PTH 551 1- 3 CREDITS
 Prereq: 542, PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 7038005 MTWRF 1:10-5:00 FALES-WILLIAMS A
 S 10:00-11:50 FALES-WILLIAMS A
 MEETS: JAN 12-MAY 8

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 12-MAY 8

CURR TOPICS SEMINAR V PTH 605 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7029005 ARRANGED ACKERMANN M
 MEETS: JAN 12-MAY 8

DIAG INTERP V PARAS V PTH 606B R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7030005 ARRANGED BREWER M
 MEETS: JAN 12-MAY 8

DIAG INTERP VET TOX V PTH 606C R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 5787005 ARRANGED
 MEETS: JAN 12-MAY 8

DIAG INTERP CLINPTH V PTH 606D R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 9694005 ARRANGED HOSTETTER S
 MEETS: JAN 12-MAY 8

CELL&MOLEC PATHOL I V PTH 655 3 CREDITS
 Prereq: GRAD COURSE IN BIOCHEM, GENETICS OR
 CELL BIOLOGY
 7040005 T 9:00-10:50 ACKERMANN M
 R 9:00-9:50 ACKERMANN M
 MEETS: JAN 12-MAY 8

PTHGN PERSIST INFEC V PTH 660 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7044005 M 2:10-4:00 JONES D
 MEETS: JAN 12-MAY 8

CMPTV IMMNL&INF DIS V PTH 661X 2 CREDITS
 Prereq: GRADUATE-LEVEL IMMUNOLOGY OR PERMISSION
 OF INSTRUCTOR
 4849005 R 1:10-3:00 JONES D
 MEETS: JAN 12-MAY 8

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 SYS DSN WESEP 511X 3 CREDITS
 Prereq: AER E 310, AER E 321, AER E 331 (OR
 EQUIVALENT COURSES); OR WESEP 501X
 9548005 MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

WIND ENRG RSRCH CLLB WESEP 594 1 CREDIT
 Prereq: GRADUATE STANDING
 9662005 ARRANGED
 MEETS: JAN 12-MAY 8

WOMEN'S STUDIES

GENDER JUSTICE W S 160 1 CREDIT
 Note: Meets U.S. diversity reqmt
 Satisfactory-Fail Only.
 2484005 1 M 2:10-3:00 FOLEY A
 W 8:00-8:50 FOLEY A
 MEETS: JAN 12-MARCH 6

2484010 2 M 2:10-3:00 FOLEY A
 W 2:10-3:00 FOLEY A
 MEETS: JAN 12-MARCH 6

2484015 3 M 2:10-3:00 FOLEY A
 F 8:00-8:50 FOLEY A
 MEETS: JAN 12-MARCH 6

2484020 4 M 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 12-MARCH 6

2484025 5 M 2:10-3:00 FOLEY A
 W 2:10-3:00 FOLEY A
 MEETS: JAN 12-MARCH 6

WOMEN'S STUDIES

(CONTINUED)

WOMEN'S STUDIES

(CONTINUED)

GENDER JUSTICE W S 160 1 CREDIT
 2484030 6 M 2:10-3:00 FOLEY A
 W 2:10-3:00 FOLEY A
 MEETS: MARCH 9-MAY 8
 2484035 7 M 2:10-3:00 FOLEY A
 W 3:10-4:00 FOLEY A
 MEETS: MARCH 9-MAY 8
 2484040 8 M 2:10-3:00 FOLEY A
 F 8:00-8:50 FOLEY A
 MEETS: MARCH 9-MAY 8
 2484045 9 M 2:10-3:00 FOLEY A
 F 2:10-3:00 FOLEY A
 MEETS: MARCH 9-MAY 8
 2484050 10 M 2:10-3:00 FOLEY A
 F 3:10-4:00 FOLEY A
 MEETS: MARCH 9-MAY 8

INTRO WOMEN'S STUDI W S 201 3 CREDITS
 Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 7058005 A M 2:10-3:00 SCHAAL M
 WF 9:00-9:50 SCHAAL M
 MEETS: JAN 12-MAY 8
 7058010 B M 2:10-3:00 SCHAAL M
 WF 10:00-10:50 SCHAAL M
 MEETS: JAN 12-MAY 8
 7058015 C M 2:10-3:00 SCHAAL M
 WF 11:00-11:50 SCHAAL M
 MEETS: JAN 12-MAY 8
 7058020 D M 2:10-3:00 SCHAAL M
 WF 12:10-1:00 SCHAAL M
 MEETS: JAN 12-MAY 8
 7058025 E M 2:10-3:00 SCHAAL M
 WF 1:10-2:00 SCHAAL M
 MEETS: JAN 12-MAY 8
 7058030 F M 2:10-3:00 SCHAAL M
 WF 3:10-4:00 SCHAAL M
 MEETS: JAN 12-MAY 8
 7058620 XR ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XR is off campus
 Course delivery is WWW
 7058615 XS ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XS is off campus
 Course delivery is WWW
 7058610 XU ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XU is off campus
 Course delivery is WWW
 7058605 XV ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: Section XV is off campus
 Course delivery is WWW
 7058600 XW ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: Section XW is off campus
 Course delivery is WWW

HONORS INTR WMN STU W S 201H 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 8447005 M 2:10-3:00 SCHAAL M
 WF 2:10-3:00 SCHAAL M
 MEETS: JAN 12-MAY 8

INTRO LESBIAN STUDI W S 203 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 104
 Note: Meets U.S. diversity reqmt
 2184005 TR 2:10-3:30 JAEKEL K
 MEETS: JAN 12-MAY 8

WOMEN & GENDER INT'L W S 301 3 CREDITS
 Prereq: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 7060005 TR 9:30-10:50 TESHOME Y
 MEETS: JAN 12-MAY 8
 7060600 XW ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ECOFEMINISM W S 320 3 CREDITS
 Prereq: W S 201 OR 3 CR IN WOMEN'S STUDIES AT THE
 300 LEVEL OR ABOVE
 6268600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ECON OF DISCRIMINAT W S 321 3 CREDITS
 Prereq: ECON 101
 Note: Meets U.S. diversity reqmt
 7070005 1 MWF 1:10-2:00
 MEETS: JAN 12-MAY 8

GENDER & COMMUNICTN W S 323 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3533005 A MWF 12:10-1:00 OLES-ACEVEDO D
 MEETS: JAN 12-MAY 8
 3533010 B MWF 10:00-10:50 LAWARE M
 MEETS: JAN 12-MAY 8
 3533015 C TR 12:40-1:55 DUBISAR A
 MEETS: JAN 12-MAY 8

MEDIA PORTR GNR&SX W S 325 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: RESTRICTED TO SOPHOMORES AND ABOVE.
 9115600 XW ARRANGED
 MEETS: JAN 12-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

SEX&GENDER IN SOCIE W S 327 3 CREDITS
 Prereq: SOC 130 OR 134
 Note: SEC A1,B1 RESTRICTED TO AG SO, SOC, P S A, W S.
 SEC A2,B2 FOR MAJORS OTHER THAN AG SO, SOC, P S A,
 W S.
 Meets U.S. diversity reqmt
 7061005 A1 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8
 7061010 A2 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

WOMEN'S LITERATURE W S 340 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 Note: Meets U.S. diversity reqmt
 7062005 A1 MWF 12:10-1:00 DEMARAY K
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 7062010 A2 MWF 12:10-1:00 DEMARAY K
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

PSYCHOLOGY OF WOMEN W S 346 3 CREDITS
 Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH
 101
 Note: Meets U.S. diversity reqmt
 7064005 A1 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 12-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 7064010 A2 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 12-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

WM&MEN ANC MEDITRNN W S 374 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN,
 OR GREEK
 Note: Meets international perspectives reqmt
 2256005 MWF 10:00-10:50
 MEETS: JAN 12-MAY 8

WOMEN IN POLITICS W S 385 3 CREDITS
 Note: Meets U.S. diversity reqmt
 7067005 A TR 2:10-3:25 DITONTO T
 MEETS: JAN 12-MAY 8
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 7067010 B TR 2:10-3:25 DITONTO T
 MEETS: JAN 12-MAY 8
 Note: SEC B FOR MAJORS OTHER THAN POL S

HIST OF AMER WOMEN W S 386 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 7068600 XW ARRANGED BIX A
 MEETS: JAN 12-MAY 8
 Note: COURSE IS RESTRICTED TO SOPHOMORES AND ABOVE.
 THIS COURSE REQUIRES THAT STUDENTS OBTAIN AN
 OFF-CAMPUS PROCTOR TO ADMINISTER THREE ONLINE EXAMS
 OR COME TO CAMPUS AND TAKE THREE EXAMS IN THE TESTING
 CENTER.
 Section XW is off campus
 Course delivery is WWW

FMNST RES IN ACTION W S 402 3 CREDITS
 Prereq: 201, 301
 5674005 T 2:10-5:00 PROKOS A
 MEETS: JAN 12-MAY 8

INTRSECT RACE, CLASS W S 425 3 CREDITS
 Prereq: 201 AND ONE ADDITIONAL W S COURSE
 7073005 MW 4:10-5:30 JONES-JOHNSON G
 MEETS: JAN 12-MAY 8

TOPICS WOMEN'S STDI W S 450 3 CREDITS
 Prereq: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
 Note: Instructor permission required 1st week.
 8910600 XW ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

WOMEN'S STUDIES

(CONTINUED)

INTDISC RES WMN&LDR W S 488 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 8767005 TR 11:00-12:20
 MEETS: JAN 12-MAY 8

INDEPENDENT STUDY W S 490 1- 3 CREDITS
 Prereq: ANY TWO COURSES IN W S
 Note: NO MORE THAN 6 CREDITS OF W S 490 MAY BE
 APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR INTERNSHIP W S 491 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS W S 499 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

QDV SEM FM RES MTHD W S 502 3 CREDITS
 1169005 T 2:10-5:00 PROKOS A
 MEETS: JAN 12-MAY 8

INTRSECT RACE,CLASS W S 525 3 CREDITS
 Prereq: 201 AND ONE ADDITIONAL W S COURSE
 7076005 MW 4:10-5:30 JONES-JOHNSON G
 MEETS: JAN 12-MAY 8

SPECIAL TOPICS W S 590 VAR. CREDITS
 Prereq: PERMISN OF WOMEN'S STUDIES PROG DIRECTOR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PEDAGOGI OF DISSENT W S 621 3 CREDITS
 Prereq: 620
 9437005 T 2:10-5:00
 MEETS: JAN 12-MAY 8

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 12-MAY 8
 Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
 5865010 1B MWF 3:10-4:00
 MEETS: JAN 12-MAY 8

TOPCS WRLD LANG&CUL WLC 370X 3 CREDITS
 Note: Meets international perspectives reqmt
 5106005 1 TR 12:40-2:00
 MEETS: JAN 12-MAY 8

STDT TCH WORLD LANG WLC 417G VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUCATION, APPROVAL
 OF COORDINATOR DURING SEMESTER BEFORE STUDENT
 TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 8139005 1 ARRANGED
 MEETS: JAN 12-APRIL 24
 Note: SEC 1 OFFERED FOR 14 CREDITS
 8139010 2 ARRANGED
 MEETS: JAN 26-MAY 8
 Note: SEC 2 OFFERED FOR 12 CREDITS
 8139015 3 ARRANGED
 MEETS: JAN 12-MARCH 6
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.
 8139020 4 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 4 OFFERED FOR 8 CREDITS.
 Instructor permission required.

THINK GLOBALLY WLC 491 1 CREDIT
 Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD
 AND/OR INTERNSHIP ABROAD
 Note: TOPIC: EXPERIENCES ABROAD: LEARNING TO
 THINK GLOBALLY
 Satisfactory-Fail Only.
 7493005 1 TR 2:10-3:30 WILHELM J
 MEETS: JAN 12-MARCH 6