

Spring Semester 2017

Classes Begin	January 9
University Holiday	January 16
Spring Break	March 13-17
Final Exams	May 1-May 5
Commencement	May 6 (undergraduate)

Registration Start Dates for Spring 2017

Veterinary Medicine students:	Wednesday, October 19
Graduate students:	Wednesday, October 19-Friday October 21
All seniors:	Thursday, October 20-Wednesday, October 26
Projected juniors:	Thursday, October 27-Wednesday, November 2
Projected sophomores:	Thursday, November 3-Wednesday, November 9
Continuing freshmen:	Thursday, November 10-Thursday, November 17

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 2017 are January 20, February 20, and March 20 for deferred billing. A \$20 deferred billing charge is assessed. Contact Accounts Receivables for information.

Graduation Information

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

ISU ALERT

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

Registration Start Dates

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

Room Assignments

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

Schedule Changes

Schedule changes may be made using AccessPlus Registration through Friday, January 13. 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 2017

Jan. 1, Fri.	<ul style="list-style-type: none"> • University bills with Spring 2017 tuition and fees charges available on AccessPlus. • University holiday- offices closed 	Feb. 10, 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. 23 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. 6, 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. 8, 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. 8. 	Feb. 15, Tues.	<ul style="list-style-type: none"> • Last day to change degree audit information for spring.
Jan. 8, 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. 18, Fri.	<ul style="list-style-type: none"> • Fee payment deadline, spring. Second payment (minimum due).
Jan. 9, Mon.	<ul style="list-style-type: none"> • Class work begins. • Schedule changes processed through AccessPlus registration or in 10 Enrollment Services Center. 	Feb. 19, Sat	<ul style="list-style-type: none"> • Schedule of Classes for Fall 2017 available for viewing on the Web at http://classes.iastate.edu/
Jan. 13, 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 2017 are due in the Graduate College, 1137 Pearson Hall. 	Feb. 22, Tues.	<ul style="list-style-type: none"> • Registration Authorization Cards for Summer 2017 and Fall 2017 registration distributed to colleges, if applicable. • Advising period for Summer and Fall 2017 registration begins.
Jan. 14, 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. 	Feb. 28, Mon.	<ul style="list-style-type: none"> • Deadline for submitting approved, new experimental course announcement forms (with all signatures) for Summer 2017 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. • Second half-semester courses begin.
Jan. 16, 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 3, Fri.	<ul style="list-style-type: none"> • Midterm grade reports due from all departments on WebCT, Blackboard and AccessPlus.
Jan. 23, 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 6, Mon.	<ul style="list-style-type: none"> • Last day to process most schedule changes in a second half-semester course without a fee or to add/drop a second half-semester course without signatures of instructor and adviser. • Last day to drop a second half-semester course without the drop appearing on the permanent record or counting toward the limit of dropped courses. • Last day to change a second half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation. • Seniors graduating Summer 2017 or Fall 2017 should submit a Graduation Application to the Registrar's Graduation Office, 210 Enrollment Services Center, after registering for final course work. Applications are available from advisers or the Registrar's Graduation Office, 210 Enrollment Services Center, or via www.iastate.edu/~registrar/graduation
Feb 6, Mon.	<ul style="list-style-type: none"> • Fall Semester 2017 Schedule of Classes proof copy due in Registrar's Office, with or without changes 	March 7, Tues. 2:15 p.m.	<ul style="list-style-type: none"> • Last day to process a schedule change for spring through AccessPlus registration.
		March 10, Fri.	<ul style="list-style-type: none"> • Last day to drop a second half-semester course without the drop appearing on the permanent record or counting toward the limit of dropped courses.
		March 13-17, Mon.-Fri.	<ul style="list-style-type: none"> • Spring break, classes recessed.
		March 20, Mon.	<ul style="list-style-type: none"> • Fee payment deadline, spring semester. Final payment due. • Last day for departments to make Summer or Fall 2017 course offering changes before registration begins (Room Scheduling must approve course limits of 35 and greater).

University Calendar Spring 2017

March 20, Mon.	<ul style="list-style-type: none"> • Registration period for Summer 2017 and Fall 2017 begins. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. • First day of assigned Summer 2017 and Fall 2017 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 20, Thurs.	<ul style="list-style-type: none"> • Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review.
March 21, Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2017 and Fall 2017 registration dates for students projected as seniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	April 22, Sat.,	<ul style="list-style-type: none"> • Summer 2017 course enrollment tally by college and year printed for departmental distribution. • Room assignments for Summer 2017 courses displayed in the online Schedule of Classes. • Beginning summer class lists available on AccessPlus.
March 24, Fri.	<ul style="list-style-type: none"> • Last day to add/drop full-semester courses or withdraw without extenuating circumstances. • Last day to change a full-semester course to or from Pass/Not Pass. Courses changed to graded basis after Jan. 23 count toward total allowable P/NP credits used for graduation. • 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 27, Thurs.	<ul style="list-style-type: none"> • End of term textbook buyback begins at University Bookstore.
March 27, Mon.	<ul style="list-style-type: none"> • Preliminary room assignments for Summer 2017 distributed to departments from Room Scheduling. 	May 1, Mon.	<ul style="list-style-type: none"> • University bills with Summer 2017 tuition and fees charges available on AccessPlus
March 28, Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2017 and Fall 2017 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	May 1-May 5, Mon.-Fri.	<ul style="list-style-type: none"> • Final examinations. • Spring semester ends. • Graduate College applications for graduation for Summer 2017 are due in the Graduate College, 1137 Pearson Hall. • Graduate College Commencement: www.iastate.edu/~registrar/graduation • Undergraduate applications for graduation for Summer 2017 and Fall 2017 are due in the Registrar's Graduation Office, 210 Enrollment Services Center. • Fall 2016 course enrollment tally by college and year printed for departmental distribution.
April 4, Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2017 and Fall 2017 registration dates for students projected as sophomores. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	May 5, Fri.	<ul style="list-style-type: none"> • Undergraduate Commencement: www.iastate.edu/~registrar/graduation • Registration Authorization information available for new Fall 2017 freshmen or distributed to Colleges, if applicable.
April 6, Thurs.	<ul style="list-style-type: none"> • Preliminary room assignments for Summer 2017, with changes due back to Room Scheduling from departments. 	May 6, Sat.	<ul style="list-style-type: none"> • Final grades due on WebCT, Blackboard and AccessPlus.
April 11, Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2017 and Fall 2017 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	May 8, Mon.	<ul style="list-style-type: none"> • Grade reports available on AccessPlus.
April 14, 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 2017, 12-week and Session I course cancellations due to low enrollment. 	May 10, Thurs., 2:15 p.m.	
April 17, Mon.	<ul style="list-style-type: none"> • Last day of assigned registration start dates for Summer 2017 and Fall 2017 registration. 	May 11, Fri.	
April 18, 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 2620 Howe 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 294-2331
 Graduation 210 Enrollment Services Center 294-9372
 Registrar's Office Information 214 Enrollment Services Center 294-1840
 Registration 10 Enrollment Services Center 294-2331
 Residency Status for Fees & Admission 214 Enrollment Services Center 294-0762 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 2016-2017* 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 515-294-2331, or e-mail reentry@iastate.edu. Return the completed form to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work attempted to the Office of Admissions, 100 Enrollment Services Center.

Questions about the registration process, contact:

Office of the Registrar’s 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
1300 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

International Students All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term). International student reentry forms are available through the ISU index under Reentering ISU, International Students and Scholars or from the Tuition and Fees area at 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.

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

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

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

Returning Students

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

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

Graduate Students All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Scheduling & Fees area, at 515-294-2331 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their major professor to discuss course selection. International graduate students must file a student financial statement for visa purposes. The form is available from International Students and Scholars, 252 Memorial Union, 515-294-1120, or e-mail: intlerv@iastate.edu.

Registration

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

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

To register, follow these steps:

- 1 Students meet with their academic adviser, who will provide the following:
 - a. degree audit
 - b. guidance in course selection
 - c. registration authorization information, with RAN, if applicable.
- 2 Students choose specific sections for each course they want to take. In most cases, their adviser will not be involved in selecting meeting times. Students can use the Schedule of Classes (<http://classes.iastate.edu/>) and Class Schedule Planner (<http://planner.iastate.edu/>) to plan their schedule.
- 3 Students should review their registration start date/time information and any registration hold information on AccessPlus, under Current Information. Students must resolve holds on their registration in order to register for classes.
- 4 Register for courses using the AccessPlus registration system. Room locations for courses will be available on AccessPlus beginning Saturday, December, 3.
- 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 2017 is Sunday, January 8th or the Scheduling & Fees Office in 10 Enrollment Services Center for Spring 2017 is Friday, January 6. 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 6, of intent to cancel registration, or drop all classes on AccessPlus by 11 p.m. Sunday, January 8 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 Scheduling & Fees Office, 10 Enrollment Services Center, 294-2331.

R-Credit Courses (required courses)

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

Tuition adjustment for reduction of total credits is based on the effective date of the change. For more information on tuition adjustments, see the "Tuition 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 2017 Fee Schedule

Tuition & fees are subject to change without notice. For the most current tuition & fee rates visit 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

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

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

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

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

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 6; or drop all of your classes through AccessPlus by 11 p.m., Sunday, January 8.

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

Withdrawing Registration

Beginning the first day of class (Monday, January 9), 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 2017 for Full-term courses:

Withdrawal Date	Student Pays
Jan. 8-13	10%
Jan. 14-23	25%
Jan. 24-30	50%
Jan. 31-Feb.6	75%
After Feb. 6	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 Scheduling & Fees Office, 10 Enrollment Services. The Office of the Registrar will review appeals for possible tuition and fees adjustment for the semester in question only after the written appeal and appropriate support documentation are received from the student. Determinations will be made by the Office of the Registrar based on extenuating circumstances beyond the control of the student. The results will be sent to the student in writing. Students may appeal the decision of the Office of the Registrar by writing an appeal letter to the Tuition Appeals Review Committee. This letter should be submitted to the Office of the Registrar within 10 calendar days after receiving the original decision. A final appeal of the Tuition Appeals Review Committee decision can be made by submitting a request in writing to the Office of the Provost.

Past Due Accounts

Students having past due accounts receivable charges may be dropped from enrollment for spring if these past due charges are not paid by the Thursday before the first day of classes. A statement indicating past due charges will be shown on the January 1 billing statement. Student that are subject to being dropped will be notified via their Iowa State e-mail account.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 \$322.95 each fall and spring semester, and all students will be charged \$162.00 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, \$60 graduate applicants, \$40 non-degree, \$50 for international undergraduate applicants, and \$100 for international graduate applicants. Vet. Med application fee \$75.

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 26 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 8 is the last day to initiate a registration for full semester courses for Spring 2017 without a late registration fee. Beginning Monday, January 9, undergraduate students are assessed a late registration fee of \$20. Graduate students are assessed a late registration fee of \$30 the first week of classes, \$60 the second week, and \$100 the third week or later.

New Student Programs/Matriculation Fee

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

Special Course Fees

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

Graduation Fee

The \$75.00 graduation fee is assessed to students when they submit an application for graduation. The fee partially covers the cost of such items as diplomas, diploma covers, data processing, personnel, the commencement program booklet, postage and mailing costs of diplomas not distributed at commencement, and the implementation of a new degree audit system. This fee is non-refundable.

Health Facility Fee

All students are assessed an \$8 health facility fee for Fall 2016, 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.

Graduation

Undergraduate Students

Spring 2017 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 \$75 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 6 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 2017.

- An "Application for Graduation" (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, January 27.
- Last day for graduate students to cancel graduation is March 24. 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 14.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, April 19. 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 20.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Tuesday, April 19. 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 5 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 2016-2017* 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 2016-2017* catalog.

Veterans Educational Assistance

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

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

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

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

Information Disclosure for Students

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

Policy on Student Names

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

Release of Student Records

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

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

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

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

Changing an Address on AccessPlus

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

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

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

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

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

Third Party Access

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

Services for Students

Campus Parking

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

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

Child Care

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

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

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

Student Disability Resources

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

Identification Card (ISUCard)

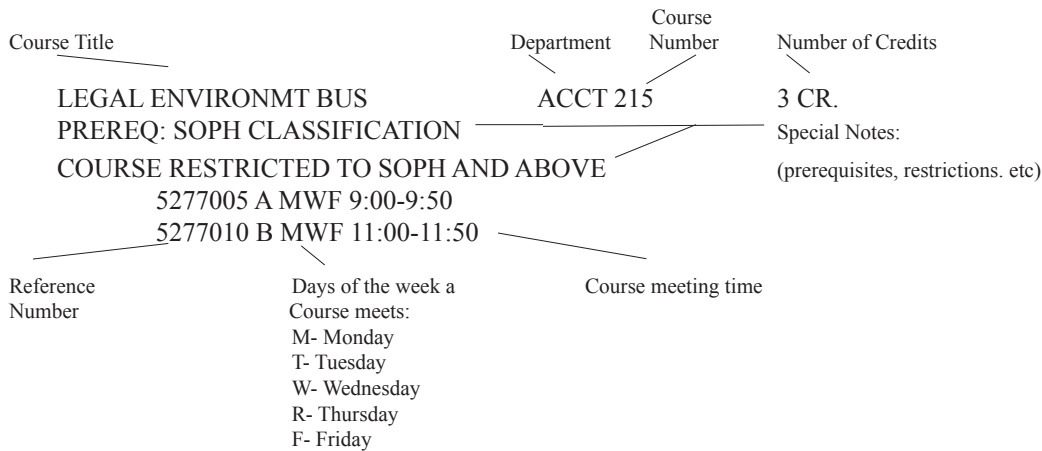
The Iowa State University student identification card (ISUCard) will be made available to students at the time of their first registration. This is a permanent card to be used while attending Iowa State. Loss of their ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where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

Activity Cards for Spouses/Domestic Partners and Children

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

To use the services of the Lied Recreation Center, CyCash, Parks Library, or Thielen Student Health Center (spouses/domestic partners must pay the Health Facility and Health Fee), students may apply for the Spouse/Domestic Partner Card. The spouse/domestic partner must bring a photo ID, the student's University ID number, and proof of marriage or relationship (marriage certificate, joint insurance cards or joint tax returns) to the ISUCard Office in 0530 Beardshear. The cost is \$25 per card, payable by cash or check, and the cards expire on June 30 each year.

Course Detail



Course Listing Detail

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

Course Numbering System

Courses are numbered from 1 to 699, as follows:

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

Meeting Days and Times for Classes

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

Course Prerequisites

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

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

Course prerequisites are listed in the Schedule of Classes.

Course Information

Auditing Courses

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

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

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

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

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

Audit Deadlines for Full Term Courses

Instructors must approve all audits.

• Adding an audit

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

• Changing from credit to audit:

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

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

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

• Partial semester or summer courses:

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

Canceled Courses

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

Class Attendance

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

Courses Requiring Permission

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

Course Descriptions

Course descriptions can be found in the *Iowa State University Undergraduate and Graduate Courses and Programs 2015-2016* 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 2016-2016* catalog. Course descriptions for experimental courses can be found through the ISU index under Experimental Course Descriptions.

Late Registration

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

Linked Courses

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

On-Campus Saturday and Evening Courses

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

Partial-Semester Courses

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

Pass-Not Pass

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

section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Scheduling & Fees Office, 10 Enrollment Services Center. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2016-2017* catalog.

Registration Holds

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

Restricted Sections of Courses

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

Room Assignments

Beginning Monday, December 5, 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 2017

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 2016-2017* 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 6 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 2017. (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 140, 143, 151, 165, 166, 195, 196, 265, 267
Phys 111, 221, 222,
Psych 101(A, B or C) , 230, 280
SCIS 301x
SP CM 212
Span 102, 202
Stat 326

Tentative Exams Based on First Contact

First Contact	Exam Day	Exam Time
Mon., 8 a.m.	Mon, May 2	7:30-9:30 a.m.
Mon., 9 a.m.	Wed., May 4	7:30-9:30 a.m.
Mon., 10 a.m.	Mon, May 2	9:45-11:45 a.m.
Mon., 11 a.m.	Tues., May 3	9:45-11:45 a.m.
Mon., 12 p.m.	Thurs., May 5	2:15-4:15 p.m.
Mon., 1 p.m.	Fri., May 6	12:00-2:00 p.m.
Mon., 2 p.m.	Mon., May 2	12:00-2:00 p.m.
Mon., 3 p.m.	Fri., May 6	2:15-4:15 p.m.
Mon., 4 p.m.	Thurs., May 5	12:00-2:00 p.m.
Tues., 8 a.m.	Tues., May 3	7:30-9:30 a.m.
Tues., 9 a.m.	Fri., May 6	7:30-9:30 a.m.
Tues., 10 a.m.	Wed., May 4	9:45-11:45 a.m.
Tues., 11 a.m.	Thurs., May 5	9:45-11:45 a.m.
Tues., 12 p.m.	Exam time to be announced by instructor	
Tues., 1 p.m.	Tues., May 5	9:45-11:45 a.m..
Tues., 2 p.m.	Thurs., May 2	12:00-2:00 p.m..
Tues., 3 p.m.	Mon., May 3	7:30-9:30 a.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.
Design	College of Design	Morrill	Morrill Hall
Durham	Durham Center	Music	Music Hall
Eaton	Eaton Hall	NSRIC	National Swine Research and Information Center
E Hall	East Hall	Palmer	Palmer HDFS Bldg.
Elings	Elings Hall	Pearson	Pearson Hall
Farm Bu	Farm Bureau Livestock Pav. (Kildee)	Physics	Physics Hall
Food Sc	Food Sciences Building	Phys A	Physics Addition
Forker	Barbara Forker Building	Roberts*	Roberts Residence Hall
Friley*	Friley Residence Hall	Ross H	Ross Hall
Gerdin	Gerdin Business Building	Scheman	Scheman Building
Gilman	Gilman Hall	Science	Science Hall I
Hach	Hach Hall	Sci 2	Science Hall II
Hamilton	Hamilton Hall	Seed	Seed Science Bldg.
Heady	Heady Hall	Sned H	Snedecor Hall
Hoover	Hoover Hall	Sped. H	Spedding Hall
Horse B	Horse Barn	St Gym	State Gymnasium
Hort	Horticulture Hall & Greenhouse	Sukup	Sukup Hall
Howe	Howe Hall	Sweeney	Sweeney Hall
I Ed I	Industrial Education Bldg. I	Town	Town Engineering Bldg.
I Ed II	Industrial Education Bldg. II	Troxel	Troxel Hall
Insect	Insectary and Greenhouse	Vet Med	Veterinary Medicine Bldg.
Jischke	Martin Jischke Honors Bldg.	Wilhelm	Wilhelm Hall
Kildee	Kildee Hall	Zaffrno	Zaffarano Physics Addition
King PV	King Pavilion		

*Residence Hall

Other Campus Buildings

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

ACCOUNTING

LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS
 Prereq: SOPH CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH AND ABOVE
 5277005 A MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 5277010 B MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 5277015 C MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

FINANCIAL ACCOUNTNG ACCT 284 3 CREDITS
 Prereq: COURSE NOT OPEN TO FIRST TERM FRESHMEN
 Note: COURSE NOT OPEN TO FIRST TERM FRESHMAN.
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN
 1110005 A TR 8:00-9:15
 MEETS: JAN 9-MAY 5
 1110010 B TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 1110015 C TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 1110020 D MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 1110025 E TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 1110030 F TR 3:40-5:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 1112010 B TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 1112015 C MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 1112020 D MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 1112025 E MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 1112030 F MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 1112035 G TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 1112040 J TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 1112045 K MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 1112050 L MWF 3:10-4:00
 MEETS: JAN 9-MAY 5
 1112055 M MW 5:10-6:25PM
 MEETS: JAN 9-MAY 5

THE ACCOUNTING CYCLE ACCT 301 1 CREDIT
 Prereq: ACCT 284
 Note: THIS COURSE IS TAUGHT ENTIRELY ONLINE & IS
 ACCESSABLE THROUGH BLACKBOARD. THERE IS NO
 REQUIRED FACE-TO-FACE MEETINGS. THIS COURSE CARRIES
 AN ADDITIONAL COST OF APPROXIMATELY \$50 TO ACCESS THE
 REQUIRED COMPUTER SOFTWARE PROGRAM. RESTRICTED TO
 BUSINESS COLLEGE MAJORS ONLY.
 1078005 A ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WW

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 9-MAY 5
 1117010 A2 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 1117015 B1 TR 8:00-9:15
 MEETS: JAN 9-MAY 5
 1117020 B2 TR 8:00-9:15
 MEETS: JAN 9-MAY 5
 1117025 C1 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 1117030 C2 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

ACCT INFO SYSTEMS ACCT 384 3 CREDITS
 Prereq: ACCT 285 OR ACCT 501; ACCT 301; MIS 301
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY.
 SEC A2,B2,C2 ETC RESTRICTED TO BUS COLLEGE MAJORS
 EXCEPT ACCT, P BUS.
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN
 1123005 A1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 1123010 A2 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 1123015 B1 TR 8:00-9:15
 MEETS: JAN 9-MAY 5
 1123020 B2 TR 8:00-9:15
 MEETS: JAN 9-MAY 5

ACCOUNTING

(CONTINUED)

ACCT INFO SYSTEMS ACCT 384 3 CREDITS
 1123025 C1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 1123030 C2 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 1118010 A2 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 1118015 B1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 1118020 B2 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 1118025 C1 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 1118030 C2 TR 11:00-12:15
 MEETS: JAN 9-MAY 5

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, SCM MAJORS ONLY. NOT OPEN TO
 P BUS OR GRADUATE STUDENTS.
 1119005 A1 TR 2:10-3:25
 MEETS: JAN 9-MAY 5
 1119010 A2 TR 2:10-3:25
 MEETS: JAN 9-MAY 5
 1119015 B1 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 1119020 B2 TR 11:00-12:15
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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, MGMT, MIS, MKT, SCM MAJORS ONLY.
 GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.
 1121005 A1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 1121010 A2 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 1121015 B1 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 1121020 B2 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

VOLUN INCM TAX ASSI ACCT 487 1 CREDIT
 Prereq: ACCT 285 OR ACCT 501
 3365005 A M 4:10-6:25PM
 ARRANGED
 MEETS: JAN 9-APRIL 12
 Note: SEC A LEC MEETS 1/9-2/7 LAB
 MEETS 2/13-4/12

NONPROFIT INST ACCT ACCT 488 3 CREDITS
 Prereq: ACCT 387
 Note: COURSE NOT OPEN TO P BUS. COURSE RESTRICTED TO
 COLLEGE OF BUISNESS MAJORS ONLY. GRADUATE STUDENTS
 SEE 1200 GERDIN FOR PERMISSION.
 1120005 A MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 6:40-10:00PM
 MEETS: JAN 12-APRIL 6

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

CAPSTONE IN ACCOUNT ACCT 498 2 CREDITS
 Prereq: ACCT 383, ACCT 384, ACCT 387, ACCT 485
 Note: COURSE RESTRICTED TO ACCT SENIORS ONLY.
 4477005 A MW 10:00-10:50
 MEETS: JAN 9-MAY 5

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

ADV MANAGERIAL ACCT ACCT 583 3 CREDITS
 Prereq: ACCT 383 OR ACCT 581
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1009005 A T 6:40-10:00PM
 MEETS: JAN 10-APRIL 4

VOLUN INCM TAX ASSI ACCT 587 1 CREDIT
 Prereq: ACCT 285 OR ACCT 501
 1089005 A M 4:10-6:25PM
 ARRANGED
 MEETS: JAN 9-APRIL 12
 Note: SEC A LEC MEETS 1/9-2/7 LAB
 MEETS 2/3-4/12

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 9-MAY 5

INTERNATIONAL ACCT ACCT 596 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2892005 A R 6:40-10:00PM
 MEETS: JAN 12-APRIL 6

CREATIVE COMPONENT ACCT 599 2 CREDITS
 Prereq: ADMISSION TO THE MASTER OF ACCT PROGRAM

 SEE DEPT FOR REFERENCE NUMBERS

ADVERTISING

ADVERTISING PRINCIP ADVRT 230 3 CREDITS
 4667005 1 MWF 9:00-9:50 NEWELL J
 MEETS: JAN 9-MAY 5

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 HAN G
 MEETS: JAN 9-MAY 5
 4439010 1B MW 9:30-10:50 HAN G
 MEETS: JAN 9-MAY 5
 4439015 2A TR 12:40-2:00 KIM S
 MEETS: JAN 9-MAY 5
 4439020 2B TR 12:40-2:00 KIM S
 MEETS: JAN 9-MAY 5
 4439025 3A TR 8:00-9:20 VOORHEES B
 MEETS: JAN 9-MAY 5
 4439030 3B TR 8:00-9:20 VOORHEES B
 MEETS: JAN 9-MAY 5
 4439035 4A TR 11:00-12:20 JENSEN C
 MEETS: JAN 9-MAY 5
 4439040 4B TR 11:00-12:20 JENSEN C
 MEETS: JAN 9-MAY 5

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 3:10-5:00 WIGTON M
 MEETS: JAN 9-MAY 5
 4669010 2 TR 1:10-3:00 GESKE J
 MEETS: JAN 9-MAY 5
 4669015 3 MW 1:10-3:00 WIGTON M
 MEETS: JAN 9-MAY 5

ADVERTISING

(CONTINUED)

ADVERT MEDIA PLANNG ADVRT 335 3 CREDITS
 Prereq: ADVRT 301 OR P R 301
 4670005 1A MW 12:40-2:00 NEWELL J
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO JL MC, ADVRT, P R
 MAJORS ONLY
 4670010 1B MW 12:40-2:00 NEWELL J
 MEETS: JAN 9-MAY 5
 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 MW 5:10-6:20PM HUGGINS C
 MEETS: JAN 9-MAY 5
 4440010 2 TR 12:40-2:00 HUGGINS C
 MEETS: JAN 9-MAY 5

PRO SKILL DEVEL:MAP ADVRT 390A 1 CREDIT
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR
 PERMISSION FOR NONMAJORS
 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 GIBSON D
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

PRO SKIL:FASHN WRIT ADVRT 390J 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201; OTHER
 PREREQS VARY BY TOPIC; INSTRUCTOR PERMISSION
 FOR NONMAJORS
 9781005 1A MW 10:20-12:20 GIBSON D
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO ADVRT, JL MC, P R MAJORS
 ONLY
 9781010 1B MW 10:20-12:20 GIBSON D
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN ADVRT, JL MC,
 P R MAJORS

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 10:00-3:30 HUGGINS C
 MEETS: JAN 9-MAY 5

AD PORTFLIO PRACTCM ADVRT 436 3 CREDITS
 Prereq: ADVRT 334, NONMAJORS BY INSTRUCTOR
 PERMISSION ONLY
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS
 ONLY
 4443005 1 TR 11:40-1:00 WIGTON M
 MEETS: JAN 9-MAY 5

PRO MDIA INTERN:REQ ADVRT 499A 3 CREDITS
 Prereq: FORMAL FACULTY ADVISER APPROVAL; JR CLASS
 ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301
 JL MC MAJORS: C+ OR BETTER IN JL MC 202 OR JL MC 206
 OR P R 321. P R MAJORS: C+ OR BETTER IN P R 321.
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
 Department permission required.
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

PRO MDIA INTERN:OPT ADVRT 499B 1- 3 CREDITS
 Prereq: FORMAL FACULTY ADVISER APPROVAL; JR CLASS
 ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301
 JL MC MAJORS: C+ OR BETTER IN JL MC 202 OR JL MC 206
 OR P R 321. P R MAJORS: C+ OR BETTER IN P R 321.
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
 Department permission required.
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

AEROSPACE ENGINEERING

AEROSPAC ENG PROBLM AER E 160 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH
 PLACEMENT EXAM; CREDIT OR ENROLLMENT IN MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: M E 160, ENGR 160,
 AER E 160, C E 160, CPR E 185, E E 185, S E 185,
 I E 148
 6215005 1 MW 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 9-MAY 5

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

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 9-MAY 5
 7834010 2 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 9-MAY 5
 7834015 3 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 9-MAY 5
 7834020 4 MW 11:00-11:50
 F 11:00-12:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 8247010 2 MW 11:00-11:50
 F 11:00-12:50
 MEETS: JAN 9-MAY 5

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

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 9-MAY 5
 2647010 2 F 4:10-5:00
 MEETS: JAN 9-MAY 5

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 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY AER E 290C 1- 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION, DEPT APPROVAL
 Note: OFFERED FOR 2 CREDIT SPRING 2016
 ***** 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 9-MAY 5

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

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.
 1160010 2 W 3:10-4:00
 T 8:00-9:50
 MEETS: JAN 9-MAY 5
 1160015 3 W 3:10-4:00
 T 10:00-11:50
 MEETS: JAN 9-MAY 5
 1160020 4 W 3:10-4:00
 T 1:10-3:00
 MEETS: JAN 9-MAY 5
 1160030 5 W 3:10-4:00
 R 8:00-9:50
 MEETS: JAN 9-MAY 5
 1160035 6 W 3:10-4:00
 R 10:00-11:50
 MEETS: JAN 9-MAY 5
 1160040 7 W 3:10-4:00
 R 1:10-3:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

AERODYN II:CMRSSLBL AER E 311 3 CREDITS
 Prereq: AER E 310, M E 231
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY.
 CONCURRENT ENROLLMENT IN AER E 311L REQUIRED
 1179005 1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 1179010 2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

FLIGHT STRUCT ANALY AER E 321 3 CREDITS
 Prereq: E M 324, CREDIT OR ENROLLMENT IN
 MATH 266 OR MATH 267
 7164005 1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

AEROSPC STRUCTR LAB AER E 322 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN AER E 321
 9129005 1 M 4:10-5:00
 R 2:10-4:00
 MEETS: JAN 9-MAY 5
 9129010 2 M 4:10-5:00
 T 2:10-4:00
 MEETS: JAN 9-MAY 5

FLGHT CONTROL SYS I AER E 331 3 CREDITS
 Prereq: AER E 355
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 1235005 1 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5
 1235010 2 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

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

ASTRODYNAMICS I AER E 351 3 CREDITS
 Prereq: E M 345, AER E 261, CREDIT OR ENROLLMENT
 IN AER E 310
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 1168005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

COMP TECHNQ AER DSN AER E 361 3 CREDITS
 Prereq: AER E 310, MATH 267, E M 324, E M 345
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 1170005 1 TR 11:00-11:50
 T 2:10-4:00
 MEETS: JAN 9-MAY 5
 1170010 2 TR 11:00-11:50
 R 12:10-2:00
 MEETS: JAN 9-MAY 5
 1170015 3 TR 11:00-11:50
 T 12:10-2:00
 MEETS: JAN 9-MAY 5
 1170020 4 TR 11:00-11:50
 R 2:10-4:00
 MEETS: JAN 9-MAY 5

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

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

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

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

AERO VEHIC PROPUL I AER E 411 3 CREDITS
 Prereq: AER E 311
 6028005 1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

AER VEH PROPULSN II AER E 412 3 CREDITS
 Prereq: AER E 311
 1174005 1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 1176010 2 MW 3:10-4:00
 F 10:00-11:50
 MEETS: JAN 9-MAY 5

COMPOSITE FLT STRUC AER E 423 3 CREDITS
 Prereq: E M 324, MAT E 273
 4615005 1 MWF 12:10-1:00
 T 12:10-2:00
 MEETS: JAN 9-MAY 5
 4615010 2 MWF 12:10-1:00
 T 9:00-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

DESIGN AEROSPAC SYS AER E 462 3 CREDITS
 Prereq: AER E 461
 Note: COURSE RESTRICTED TO AER E SENIORS ONLY
 1187005 1 T 2:10-3:00
 TR 11:00-12:50
 MEETS: JAN 9-MAY 5
 1187010 2 T 2:10-3:00
 TR 3:10-5:00
 MEETS: JAN 9-MAY 5

INTRODUCTION TO MDO AER E 463 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN COLLEGE OF ENG OR PERMISSION OF AER E 468 INSTRUCTOR
 9801005 TR 12:40-1:55
 MEETS: JAN 9-MAY 5
 9801600 XE ARRANGED WEI P
 MEETS: JAN 9-MAY 5
 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 9-MAY 5

MULTIDISC ENGR DSGN AER E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 8778005 A MWF 3:10-5:00
 MEETS: JAN 9-MAY 5
 8778010 B MW 4:10-5:00, ARRANGED
 MEETS: JAN 9-MAY 5

ULTRSNV NONDESTR EV AER E 480 3 CREDITS
 Prereq: E M 324, MATH 266 OR MATH 267, PHYS 222
 1718005 1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

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

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

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

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

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

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

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

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

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

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

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

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

INDEPENDENT STUDY AER E 4900 1- 6 CREDITS
 Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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 9-MAY 5

FINITE ELEMENT ANLY AER E 525 3 CREDITS
 Prereq: E M 425, MATH 385
 7252005 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 7252600 XE ARRANGED HONG W
 MEETS: JAN 9-MAY 5
 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
 6032005 1 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5
 6032600 XE ARRANGED REGELE J
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

FLU MECH&HEAT TR II AER E 547 3 CREDITS
 Prereq: AER E 546 OR EQUIVALENT
 1213005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

AEROSPACE ENGINEERING (CONTINUED)

METAHEURIS OPTMZ&MD AER E 554X 3 CREDITS
 Prereq: GRADUATE STANDING IN COLLEGE OF
 ENGINEERING OR PERMISSION OF INSTRUCTOR
 9897600 XE ARRANGED BLOEBAUM C
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

INTRODUCTION TO MDO AER E 563 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN COLLEGE OF ENG
 OR PERMISSION OF AER E 468 INSTRUCTOR
 9802005 TR 12:40-1:55
 MEETS: JAN 9-MAY 5
 9802600 XE ARRANGED WEI P
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

SYST ENGR & ANALYSIS AER E 565 3 CREDITS
 Prereq: COURSEWORK IN BASIC STATISTICS
 Note: I E MAJORS MAY NOT APPLY CREDIT IN I E/E E/AER E
 565 TOWARD DEGREE REQUIREMENTS
 8933005 A TR 11:00-12:20
 MEETS: JAN 9-MAY 5

MCH COMPOSITE MATLS AER E 569 3 CREDITS
 Prereq: E M 324
 7520005 1 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

OPTIMAL CONTROL AER E 574 3 CREDITS
 Prereq: E E 577
 8188005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://http://courses.elo.iastate.edu/aer%20e/574/xe/2014/spring/ove>
 Syllabus: <http://rvie/>
 8188600 XE ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

DIGIT FEEDBCK 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 9-MAY 5

NONLINEAR SYSTEMS AER E 578 3 CREDITS
 Prereq: E E 577
 8191005 MW 4:10-5:30
 MEETS: JAN 9-MAY 5

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

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

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

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

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

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

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

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

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

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

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

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

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

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

AEROSPACE ENGINEERING (CONTINUED)

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 9-MAY 5
 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 9-MAY 5

8310010 B TR 11:00-12:20
 MEETS: JAN 9-MAY 5

8310015 C TR 2:10-3:30
 MEETS: JAN 9-MAY 5

8310020 D TR 9:30-10:50
 MEETS: JAN 9-MAY 5

8310025 E TR 12:40-1:55
 MEETS: JAN 9-MAY 5

Note: Instructor permission required 1st week.

8310030 F TR 11:00-12:20
 MEETS: JAN 9-MAY 5

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 9-MAY 5

8638010 A2 TR 12:40-2:00 KUSOW A
 MEETS: JAN 9-MAY 5

AFRIC AM LIT STUDIE AF AM 347 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt

8631005 A1 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS

8631010 A2 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

WOMEN OF COLOR--U.S AF AM 350 3 CREDITS
 Prereq: 3 CREDITS IN W S OR AF AM
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.

2570005 MWF 11:00-11:50 DEMARAY K
 MEETS: JAN 9-MAY 5

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 9-MAY 5

AFRICAN AND AFRICAN AMERICAN STUDIES (CONTINUED)

SEM AFRIC AMER CULT AF AM 460 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required.
 6688005 A ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

AGRICULTURAL AND BIOSYSTEMS ENGINEERING

EXPERNC AG&BIO ENGR A B E 110 1 CREDIT
 1001005 A T 10:00-11:50
 MEETS: JAN 9-MAY 5

1001010 B R 10:00-11:50
 MEETS: JAN 9-MAY 5

1001015 C R 2:10-4:00
 MEETS: JAN 9-MAY 5

SYST PROB SOLV&PROG A B E 160 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 143 OR
 MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: A B E 160, C E 160,
 AER E 160, ENGR 160, M E 160, CPR E 185, E E 185,
 S E 185, I E 148
 6707005 A MW 10:00-11:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

SMNR:PREP FOR WRKPL A B E 201 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION IN A E,
 AST, BSE OR I TEC
 1373005 A MW 4:10-5:00
 MEETS: JAN 9-MARCH 3

PROJ MGT&DESIGN ABE A B E 218 2 CREDITS
 Prereq: A B E 216
 1067005 A T 2:10-3:25
 W 2:10-4:00
 MEETS: JAN 9-MAY 5

1067010 B T 2:10-3:25
 M 2:10-4:00
 MEETS: JAN 9-MAY 5

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 9-MARCH 3

Note: SEC A RESTRICTED A E, BSE MAJORS ONLY
 9153010 B M 9:00-9:50
 W 8:00-9:50
 MEETS: JAN 9-MARCH 3

Note: SEC B RESTRICTED TO 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 6-MAY 5

Note: SEC A RESTRICTED A E, BSE MAJORS ONLY
 2650010 B M 9:00-9:50
 W 8:00-9:50
 MEETS: MARCH 6-MAY 5

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

CAD FACILT&LAND USE A B E 273 1 CREDIT
 4264005 A M 2:10-3:00
 W 1:10-3:00
 MEETS: JAN 9-MARCH 3

COOPERATIVE EDUC A B E 298 R CREDIT
 Prereq: A B E 218 AND PERMISSION FROM ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD NUMRCL METHDS A B E 316 3 CREDITS
 Prereq: A B E 160, MATH 266
 8355005 MW 8:00-9:50
 MEETS: JAN 9-MAY 5

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

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 9-MAY 5

1008010 A2 MW 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 9-MAY 5

1008015 B1 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5

1008020 B2 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5

ELEC POWR&ELECTRONC A B E 363 4 CREDITS
 Prereq: PHYS 222

1019005 A MW 10:00-10:50
 T 3:10-5:00
 MEETS: JAN 9-MAY 5

Note: Materials and professional support fee \$65.00
 1019010 B MW 10:00-10:50
 R 3:10-5:00
 MEETS: JAN 9-MAY 5

Note: Materials and professional support fee \$65.00

PRIN BIOL SYS ENGNR A B E 380 3 CREDITS
 Prereq: A B E 316, CH E 357

8499005 MW 12:10-1:00
 F 12:10-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

ELE SYS INTEGRAT AG A B E 410 3 CREDITS
 Note: COURSE FOR UNDERGRADUATES ONLY

6795005 MW 3:10-5:00
 MEETS: JAN 9-MAY 5

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 1:10-2:00, ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

FUND ENGINRG REVIEW A B E 418 1 CREDIT
 Note: STUDENTS MUST SIGN UP FOR THE FUNDAMENTALS
 OF ENGINEERING EXAM IN ORDER TO COMPLETE THIS
 COURSE

4248005 R 8:00-9:50
 MEETS: JAN 9-MAY 5

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 9-FEB 10

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: APRIL 2-MAY 5

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: APRIL 2-MAY 5

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

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 9-MAY 5

FOOD&BIOPROCES ENGR A B E 451 3 CREDITS
 Prereq: A B E 216 AND M E 436 OR OR CH E 357, OR
 FS HN 351 AND MATH 266 OR MATH 267
 5188005 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

MULTIDISC ENGR DSGN A B E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 8891005 A MWF 3:10-5:00
 MEETS: JAN 9-MAY 5

GRAIN PROCESS&HANDL A B E 469 3 CREDITS
 Prereq: A B E 216
 1371005 A MW 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 1371010 B MW 10:00-10:50
 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5

ENVIR MODIF SY ANIM A B E 472 3 CREDITS
 Prereq: A B E 216, M E 231
 1158005 A TR 8:00-9:20
 MEETS: JAN 9-MAY 5

DSIGN ANIM PROD SYS A B E 475 2 CREDITS
 Prereq: A B E 271 OR A B E 272, E M 324
 4206005 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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

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

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

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

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

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 9-MAY 5

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 9-MAY 5

GIS&NAT RESOURC MGT A B E 508 3 CREDITS
 Prereq: WORKING KNOWLEDGE OF CMPTRS & WINDOWS ENV
 6253005 MW 3:10-5:00
 MEETS: JAN 9-MAY 5

ELE SYS INTEGRAT AG A B E 510 3 CREDITS
 Prereq: A E 363 OR EQUIVALENT
 6820005 MW 3:10-5:00
 MEETS: JAN 9-MAY 5
 Note: Materials and professional support fee \$40.00

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 9-MAY 5

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: JAN 9-MAY 5

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: JAN 9-MAY 5

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 9-MAY 5

FOOD&BIOPROCES ENGR A B E 551 3 CREDITS
 Prereq: A B E 216 AND M E 436 OR CH E 357, OR
 FS HN 351 AND MATH 266 OR MATH 267
 5194005 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

GRAIN PROCESS&HNDLG A B E 569 3 CREDITS
 Prereq: A B E 216
 1035005 A MW 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 1035010 B MW 10:00-10:50
 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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

MASTER'S TECH COMM A B E 598 1 CREDIT
 Satisfactory-Fail Only.
 8332005 ARRANGED
 MEETS: JAN 9-MAY 5

CREATIVE COMPONENT A B E 599 VAR. CREDITS
 1044005 ARRANGED
 MEETS: JAN 9-MAY 5

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

TEACHING PRACTICUM A B E 694 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF
 INSTRUCTOR
 6457005 ARRANGED
 MEETS: JAN 9-MAY 5

ENGINEERG INTERNSHP A B E 697 R CREDIT
 Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF
 Satisfactory-Fail Only.
 1700005 ARRANGED
 MEETS: JAN 9-MAY 5

DOCTORAL TECH COMM A B E 698 1 CREDIT
 Satisfactory-Fail Only.
 8333005 ARRANGED
 MEETS: JAN 9-MAY 5

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

AG &LIFE SCI EXPLOR AGEDS 110C 1 CREDIT
 8358005 MW 12:10-1:00
 MEETS: JAN 9-MARCH 3

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AG BIOTECHN COLLOQ AGEDS 112 1 CREDIT
 Prereq: ENROLLMENT AS AN AG EXCELLENCE SCHOLAR
 1303005 T 1:10-2:00 BEITZ D
 MEETS: JAN 9-MAY 5

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
 Prereq: AGEDS 110
 Note: COURSE RESTRICTED TO AGLSE MAJORS ONLY
 7586005 1 ARRANGED RANK B
 MEETS: JAN 9-MAY 5

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
 Prereq: AGEDS 110
 Note: COURSE RESTRICTED TO AGLSE, AG ST MAJORS ONLY
 7603005 1 ARRANGED HUNT K
 MEETS: JAN 9-MAY 5

CAREER SEMINAR AGEDS 215 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 1385005 1 MW 1:10-2:00 HANSON V
 MEETS: JAN 9-MARCH 3
 Note: SECTION 1 RESTRICTED TO AGLSE MAJORS ONLY. OTHERS
 BY PERMISSION OF INSTRUCTOR.
 1385010 2 MW 1:10-2:00 HANSON V
 MEETS: MARCH 6-MAY 5

FOUND AG ED PROGRMS AGEDS 310 3 CREDITS
 8790005 TR 9:30-10:50 SMALLLEY S
 MEETS: JAN 9-MAY 5

PRESENTN STRATEGIES AGEDS 311 3 CREDITS
 Note: SEC 1A, 2A ECT RESTICTED TO AG ST, AGLS MAJORS
 ONLY. SEC 1B, 2B ECT FOR MAJORS OTHER THAN AG ST,
 AGLSE
 1272005 1A MWF 11:00-11:50 HUNT K
 MEETS: JAN 9-MAY 5
 1272010 1B MWF 11:00-11:50 HUNT K
 MEETS: JAN 9-MAY 5
 1272015 2A MWF 9:00-9:50 HUNT K
 MEETS: JAN 9-MAY 5
 1272020 2B MWF 9:00-9:50 HUNT K
 MEETS: JAN 9-MAY 5
 1272025 3A TR 9:30-10:50 GRUDENS-SCHUCK N
 MEETS: JAN 9-MAY 5
 1272030 3B TR 9:30-10:50 GRUDENS-SCHUCK N
 MEETS: JAN 9-MAY 5
 1272035 4A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 1272040 4B MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 1272045 5A MWF 8:00-8:50 RANK B
 MEETS: JAN 9-MAY 5
 1272050 5B MWF 8:00-8:50 RANK B
 MEETS: JAN 9-MAY 5

SCI WITH PRACTICE AGEDS 312 3 CREDITS
 Prereq: MAJOR IN THE COLLEGE OF AG LS
 8006005 1 T 2:10-3:00, ARRANGED RETALLICK M
 MEETS: JAN 9-MAY 5
 8006010 2 ARRANGED RETALLICK M
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
 1273005 1 T 12:40-2:00, ARRANGED DOLLISSO A
 MEETS: JAN 9-MAY 5
 1273600 XW ARRANGED DOLLISSO A
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

ADV COMM AG&LIF SCI AGEDS 327 3 CREDITS
 Prereq: ENGL 250 OR EQUIVALENT
 9159005 1A TR 11:00-11:50 HANSON V
 F 1:10-3:00 HANSON V
 MEETS: JAN 9-MAY 5
 9159015 1C TR 11:00-11:50 HANSON V
 R 1:10-3:00 HANSON V
 MEETS: JAN 9-MAY 5

AG MECHAN APPLCATNS AGEDS 388 3 CREDITS
 6067005 1A M 4:10-6:00PM WELLS K
 W 4:10-7:00PM WELLS K
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO AG ST, AGLSE
 MAJORS ONLY
 6067010 1B M 4:10-6:00PM
 W 4:10-7:00PM
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: Permission of department chair required.

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

NONFORMAL AG ED PRG AGEDS 414 2 CREDITS
 Note: Instructor permission required.
 1278005 1 TR 11:00-11:50 GRUDENS-SCHUCK N
 MEETS: JAN 9-MAY 5

PRE-STD 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 9-MAY 5

SUPRV TEACHNG IN AG AGEDS 417 1-16 CREDITS
 Prereq: AGEDS 211, AGEDS 402 & ADMISSION TO
 TEACHER EDUC PROG
 Note: OFFERED FOR 1-16 CREDITS SPRING 2016
 1281005 1 ARRANGED SMALLLEY S
 MEETS: JAN 9-MAY 5

FARM MGMT&OPERATION AGEDS 450 3 CREDITS
 Prereq: ECON 235, ECON 330, JUNIOR CLASSIFICATION
 1386005 1 T 1:10-3:00 FRUTCHEY R
 W 1:10-5:00 FRUTCHEY R
 MEETS: JAN 9-MAY 5
 1386010 2 T 1:10-3:00 FRUTCHEY R
 R 1:10-5:00 FRUTCHEY R
 MEETS: JAN 9-MAY 5

AGRICULTURAL LAW AGEDS 451 4 CREDITS
 Prereq: SENIOR CLASSIFICATION
 6798005 1 MWF 10:00-10:50 TIDGREN K
 M 3:10-5:00 TIDGREN K
 MEETS: JAN 9-MAY 5

AG MKTG&COMM COMPET AGEDS 475 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 6063005 1 TR 4:10-5:00 RETALLICK M
 MEETS: JAN 9-MAY 5

MTHDS TCHG AG MECHN AGEDS 488 3 CREDITS
 Prereq: 211
 5124005 1 M 1:10-3:00
 W 1:10-4:00
 MEETS: JAN 9-MAY 5

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.
 Instructor permission required.
 ***** 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

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

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 9-MAY 5
 Note: SEC ET PRE-TRAVEL ETHIOPIA SPRING 2016.
 OFFERED FOR 1 CREDIT SPRING 2016.
 STUDY ABROAD TRAVEL IN SUMMER 2016
 1516010 TH ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC TH PRE-TRAVEL THIALAND & TIAWAN S16
 OFFERED FOR 3 CREDITS SPRING 2016.
 TRIP EXPENSES PAID BY STUDENT

AGRI TRAVEL DOMESTC AGEDS 496B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7499005 ARRANGED
 MEETS: JAN 9-MAY 5
 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 9-MAY 5

INTR RESEARCH AG ED AGEDS 510 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 6713005 ARRANGED MILLER G
 MEETS: JAN 9-MAY 5
 6713600 XW ARRANGED MILLER G
 MEETS: JAN 9-MAY 9
 Note: Section XW is off campus
 Course delivery is WWW

INSTRUCTIONL METHDS AGEDS 520 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 1299005 ARRANGED SMALLEY S
 MEETS: JAN 9-MAY 5
 1299600 XW ARRANGED SMALLEY S
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: [http://www.agonline.iastate.edu
 /resources/computer-requirements](http://www.agonline.iastate.edu/resources/computer-requirements)

INTR LRNG THRY AGED AGEDS 533 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 8005005 ARRANGED ANDERSON R
 MEETS: JAN 9-MAY 5
 8005600 XW ARRANGED ANDERSON R
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

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 9-MAY 5
 Cmptr reqmt: [http://www.agonline.iastate.edu
 /resources/computer-requirements](http://www.agonline.iastate.edu/resources/computer-requirements)

METHODS WORKSHOP AGEDS 593B 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1318005 ARRANGED
 MEETS: JAN 9-MAY 5

WORKSHOP EVALUATION AGEDS 593C 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1319005 ARRANGED
 MEETS: JAN 9-MAY 5

ADMINISTRTRN WORKSHP AGEDS 593D 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1320005 ARRANGED
 MEETS: JAN 9-MAY 5

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1321005 ARRANGED
 MEETS: JAN 9-MAY 5

WORKSHOP EXTENSION AGEDS 593F 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1322005 ARRANGED
 MEETS: JAN 9-MAY 5

WRKSHP PROGRAM PLAN AGEDS 593G 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1323005 ARRANGED
 MEETS: JAN 9-MAY 5

WKSHP INSTR TECHNOL AGEDS 593H 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1890005 ARRANGED
 MEETS: JAN 9-MAY 5

WKSHP BIOTECHNOLOGY AGEDS 593M 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 6536005 ARRANGED
 MEETS: JAN 9-MAY 5

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

SEMINAR CAREER PLAN AGEDS 615D 1 CREDIT
 Satisfactory-Fail Only.
 2949005 1 ARRANGED
 MEETS: JAN 9-MARCH 3
 Cmptr reqmt: [http://www.agonline.iastate.edu
 /resources/computer-requirements](http://www.agonline.iastate.edu/resources/computer-requirements)

SEMINR CNTMPRY ISSU AGEDS 615E 1 CREDIT
 Satisfactory-Fail Only.
 2980005 1 ARRANGED
 MEETS: MARCH 6-MAY 5

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

LEADR&SUPRVS AG ED AGEDS 625 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 1330005 1 M 2:10-5:00 MARTIN R
 MEETS: JAN 9-MAY 5

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

AGRONOMY

PRO DEVEL:ORIENTATN AGRON 110 .5- 1 CREDITS
 Note: OFFERED FOR 1 CREDIT S16
 1390005 ARRANGED WIENDENHOEFT M
 MEETS: JAN 9-MAY 5

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

PRINCIP OF AGRONOMY AGRON 114 3 CREDITS
 1391010 1 M 4:10-5:00 MULLEN R
 W 9:00-9:50, ARRANGED MULLEN R
 MEETS: JAN 9-MAY 5
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>
 1391015 2 M 4:10-5:00 MULLEN R
 W 4:10-5:00, ARRANGED MULLEN R
 MEETS: JAN 9-MAY 5
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>
 1391020 3 M 4:10-5:00 MULLEN R
 R 11:00-11:50 MULLEN R
 ARRANGED MULLEN R
 MEETS: JAN 9-MAY 5
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>
 1391600 XW ARRANGED MULLEN R
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

INTR RENEW RESOURCES AGRON 120 3 CREDITS
 1382005 MWF 12:10-1:00 PRITCHARD J
 MEETS: JAN 9-MAY 5
 1382600 XW ARRANGED PRITCHARD J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

WORLD WATER RESOURC AGRON 160 3 CREDITS
 Note: Meets international perspectives reqmt
 3243005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

INTRO CROP SCIENCE AGRON 181 3 CREDITS
 Note: COURSE RESTRICTED TO AGRON MAJOR ONLY
 1914005 TR 9:30-10:50 WIEDENHOEFT M
 MEETS: JAN 9-MAY 5

INTRO SOIL SCIENCE AGRON 182 3 CREDITS
 Prereq: CHEM 163
 1946005 1 MWF 12:10-1:00 MANU A
 MEETS: JAN 9-MAY 5
 1946010 2 MWF 3:10-4:00 MANU A
 MEETS: JAN 9-MAY 5

INTRO WEATHER&CLIMT AGRON 206 3 CREDITS
 1397005 MWF 2:10-3:00 MAWALAGEDARA R
 MEETS: JAN 9-MAY 5

CROP GRWTH,PROD&MGMT AGRON 212 3 CREDITS
 Prereq: AGRON 114
 1399005 1 MWF 11:00-11:50 MIGUEZ F
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 6394010 2 T 2:10-4:00 CHRISTIAN E
 MEETS: JAN 9-MAY 5
 6394015 3 W 8:00-9:50 CHRISTIAN E
 MEETS: JAN 9-MAY 5
 6394020 4 W 2:10-4:00 CHRISTIAN E
 MEETS: JAN 9-MAY 5
 6394025 5 R 8:00-9:50 CHRISTIAN E
 MEETS: JAN 9-MAY 5

WEED IDENTIFICATION AGRON 217 1 CREDIT
 Prereq: BIOL 101 OR EQUIVALENT
 7385005 1 R 2:10-5:00 HARTZLER R
 MEETS: MARCH 6-MAY 5

ORGNC CMPD PLT&SOIL AGRON 259 3 CREDITS
 Prereq: CHEM 163, CHEM 167, OR CHEM 177;
 BIOL 212; AGRON 154 OR AGRON 260; MATH 140
 8411005 1 MWF 10:00-10:50 THOMPSON M
 MEETS: JAN 9-MAY 5
 Note: SEC 1 FOR MAJORS OTHER THAN AGRON
 8411010 2 MWF 11:00-11:50 THOMPSON M
 MEETS: JAN 9-MAY 5
 Note: SEC 2 FOR MAJORS OTHER THAN AGRON
 8411015 3 MWF 10:00-10:50 THOMPSON M
 MEETS: JAN 9-MAY 5
 Note: SEC 3 RESTRICTED TO AGRON MAJORS ONLY
 8411020 4 MWF 11:00-11:50 THOMPSON M
 MEETS: JAN 9-MAY 5
 Note: SEC 4 RESTRICTED TO AGRON MAJORS ONLY

SOILS&ENVIR QUALITY AGRON 260 3 CREDITS
 3973005 1 MWF 12:10-1:00 ANDERSON-MBA A
 MEETS: JAN 9-MAY 5

PESTICIDE APPL CERT AGRON 283 2 CREDITS
 1905005 A MW 2:10-3:00 HOLSCHER K
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN AGRON 298 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR, SOPHOMORE CLASSIFICATION
 1401005 ARRANGED
 MEETS: JAN 9-MAY 5

PROF DEVEL:WORK EXP AGRON 310 R CREDIT
 Satisfactory-Fail Only.
 1389005 ARRANGED
 MEETS: JAN 9-MAY 5

CROP STRUC-FUNC REL AGRON 316 3 CREDITS
 Prereq: BIOL 212 RECOMMENDED
 1406005 MWF 2:10-3:00 KNAPP A
 MEETS: JAN 9-MAY 5

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 9-MAY 5

INTERCOLL CROP TEAM AGRON 331 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1408005 1 TR 3:10-5:00 CHRISTIAN E
 ARRANGED
 MEETS: JAN 9-MARCH 3
 1408010 2 ARRANGED CHRISTIAN E
 MEETS: MARCH 6-MAY 5

FORAGE CROP MGMT AGRON 334 3 CREDITS
 Prereq: AGRON 114
 1409005 TR 11:00-12:20 CHRISTIAN E
 MEETS: JAN 9-MAY 5

WORLD FOOD ISSUES AGRON 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1402005 1 TR 11:00-12:20 ANDERSON-MBA A
 MEETS: JAN 9-MAY 5
 1402010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 9-MAY 5
 1402015 3 TR 2:10-3:30 FORD C
 MEETS: JAN 9-MAY 5
 1402020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 9-MAY 5
 1402025 5 TR 12:40-2:00 MERRICK L
 MEETS: JAN 9-MAY 5
 1402600 XW ARRANGED FORD C
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.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 MATHUR R
 MEETS: JAN 9-MAY 5

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 MATHUR R
 MEETS: JAN 9-MAY 5
 8362010 2 W 1:10-4:00
 MEETS: JAN 9-MAY 5
 8362015 3 R 1:10-4:00
 MEETS: JAN 9-MAY 5

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 1:10-3:00 BURRAS C
 MEETS: JAN 9-MAY 5
 3989010 2 MW 9:00-9:50 BURRAS C
 W 3:10-5:00 BURRAS C
 MEETS: JAN 9-MAY 5
 3989015 3 MW 9:00-9:50 BURRAS C
 W 12:10-2:00 BURRAS C
 MEETS: JAN 9-MAY 5
 3989020 4 MW 9:00-9:50 BURRAS C
 W 2:10-4:00 BURRAS C
 MEETS: JAN 9-MAY 5

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

FLD EXP SOIL DESCRP AGRON 370 1 CREDIT
 Prereq: AGRON 154 AND PERMISSION OF INSTRUCTOR
 1417005 1 R 3:10-6:00PM ANDERSON-MBA A
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.
 1417010 2 ARRANGED ANDERSON-MBA A
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

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 9-MAY 5

COOPERATIVE EDUCATN AGRON 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
 1411005 ARRANGED
 MEETS: JAN 9-MAY 5
 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
 MEETS: JAN 9-MAY 5
 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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

GIS FOR GEOSCIENTST AGRON 452 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 1425010 2 MW 4:10-5:00
 F 4:10-5:00
 MW 5:10-6:00PM
 MEETS: JAN 9-MAY 5

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 BURRAS C
 ARRANGED
 MEETS: JAN 9-MAY 5

SOIL PHYSICS AGRON 477 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 & MATH 166
 3144005 MWF 10:00-10:50 HORTON R
 MEETS: JAN 9-MAY 5

ORGANC AG:THRY&PRAC AGRON 484 3 CREDITS
 Prereq: 9 CR IN BIOLOGICAL OR PHYSICAL SCIENCES
 3157005 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 3157600 XW ARRANGED DELATE K
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

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
 MEETS: JAN 9-MAY 5

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

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AGRON 490H 1- 3 CREDITS
 Prereq: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON
 INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER CONSULTATN
 MEMBERSHIP IN THE HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY. NO MORE THAN 4 CREDITS OF AGRON 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION.

 SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP AGRON 491 1- 2 CREDITS
 Prereq: AGRON 338, ADVANCED APPROVAL AND
 PARTICIPATION OF EMPLOYER AND INSTRUCTOR
 Note: Instructor permission required.
 9369005 ARRANGED
 MEETS: JAN 9-MAY 5

AGRONOMY WORKSHOP AGRON 493 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6804005 ARRANGED
 MEETS: JAN 9-MAY 5

AG INT'L TRAVL TOUR AGRON 496A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 9433800 AU ARRANGED LUVAGA E
 MEETS: MARCH 11-19
 Note: SEC AU TAUGHT IN AUSTRALIA. TOPIC: AGRICULTURAL
 PRODUCTION, BUSINESS AND TRADE IN AUSTRALIA
 STUDY ABROAD SPRING 2017. OFFERED FOR 1-2 CREDITS
 Study Abroad Administrative Fee Applies
 9433805 CR ARRANGED BURRAS C
 MEETS: MARCH 8-18
 Note: SEC CR TAUGHT IN COSTA RICA, COUNTY WIDE. TOPIC:
 SOIL, CROPS & WATER OF COSTA RICA. STUDY ABROAD
 SPRING 2017. OFFERED FOR 3 CREDITS.
 TRAVEL: MARCH 8-18
 Study Abroad Administrative Fee Applies

AGROECOLOGY FLD CRS AGRON 497 3 CREDITS
 Prereq: JR/SR CLASSIFICATN, 8 CREDITS IN AGRONOMY
 8311005 ARRANGED
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN AGRON 498 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 1416005 ARRANGED
 MEETS: JAN 9-MAY 5

CROP GROWTH &DEVELP AGRON 501 3 CREDITS
 Prereq: AGRON 114, MATH 140, CHEM 163, BIOL 101
 6438600 XW ARRANGED WESTGATE M
 MEETS: JAN 9-MAY 5
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY, MS PLANT BREEDING AND AGRONOMY GRADUATE
 CERTIFICATE ONLINE DEGREE PROGRAMS.
 ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM
 OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://masters.agron.iastate.edu/techttest>

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 9-MAY 5
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY, MS PLANT BREEDING AND AGRONOMY GRADUATE
 CERTIFICATE ONLINE DEGREE PROGRAMS.
 ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM
 OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://masters.agron.iastate.edu/techttest>

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 ARRITT R
 MEETS: JAN 9-MAY 5
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY, MS PLANT BREEDING AND AGRONOMY GRADUATE
 CERTIFICATE ONLINE DEGREE PROGRAMS.
 ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM
 OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://masters.agron.iastate.edu/techttest>

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
 MEETS: JAN 9-MAY 5

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 9-MAY 5

CROP IMPROVEMENT AGRON 511 3 CREDITS
 Prereq: AGRON 114, MATH 140, CHEM 163,
 BIOL 101/BIOL 109
 6455600 XW ARRANGED LEE D
 MEETS: JAN 9-MAY 5
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY, MS PLANT BREEDING AND AGRONOMY GRADUATE
 CERTIFICATE ONLINE DEGREE PROGRAMS.
 ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM
 OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

CROP IMPROVEMENT AGRON 511 3 CREDITS
 Cmptr reqmt: http://masters.agron.iastate.edu/techtest

SOIL-PLANT ENVIRONM AGRON 512 3 CREDITS
 Prereq: AGRON 502, AGRON 501 RECOMMENDED.
 6481600 XW ARRANGED MATHUR R
 MEETS: JAN 9-MAY 5
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY, MS PLANT BREEDING AND AGRONOMY GRADUATE CERTIFICATE ONLINE DEGREE PROGRAMS.
 ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://masters.agron.iastate.edu/techtest

QUANTITATIVE METHDS AGRON 513 3 CREDITS
 Prereq: AGRON 114, MATH 140, STAT 104
 6456600 XW ARRANGED HARBUR M
 MEETS: JAN 9-MAY 5
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY, MS PLANT BREEDING AND AGRONOMY GRADUATE CERTIFICATE ONLINE DEGREE PROGRAMS.
 ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://masters.agron.iastate.edu/techtest

INTEGRATED PEST MGT AGRON 514 3 CREDITS
 Prereq: AGRON 114, AGRON 501, MATH 140, CHEM 163, BIOL 101; RECOMMENDED: AGRON 502, AGRON 503
 6466600 XW ARRANGED CIHA A
 MEETS: JAN 9-MAY 5
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY, MS PLANT BREEDING AND AGRONOMY GRADUATE CERTIFICATE ONLINE DEGREE PROGRAMS.
 ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://masters.agron.iastate.edu/techtest

CROP PHYSIOLOGY AGRON 516 3 CREDITS
 1444005 MWF 9:00-9:50 WESTGATE M
 MEETS: JAN 9-MAY 5

MICROWV REMOTE SENS AGRON 518 3 CREDITS
 Prereq: MATH 265 OR EQUIVALENT
 3075005 TR 11:00-12:30
 MEETS: JAN 9-MAY 5

HERBICIDE PHY&BIOCH AGRON 519 2 CREDITS
 Prereq: AGRON 317, BIOL 330
 1446005 ARRANGED OWEN M
 MEETS: JAN 9-MAY 5

PLANT BREEDG METHDS AGRON 520 3 CREDITS
 Prereq: AGRON 527 OR AGRON 506
 9131005 ARRANGED FEHR W
 MEETS: JAN 9-MAY 5
 9131600 XW ARRANGED FEHR W
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://www.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 9-MAY 5
 9206600 XW ARRANGED LUBBERSTEDT T
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://www.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 9-MAY 5

QNTV GEN PLNT BREED AGRON 528 3 CREDITS
 Prereq: AGRON 506 OR AGRON 513
 1949600 XW ARRANGED BEAVIS W
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://www.agonline.iastate.edu/resources/computer-requirements

STRAT DIVERSFD FARM AGRON 546 3 CREDITS
 Prereq: SUSAG 509
 7440005 1 ARRANGED
 MEETS: JAN 9-MAY 5

GIS FOR GEOSCIENTST AGRON 552 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 1490005 MW 4:10-5:00
 F 4:10-5:00
 MW 5:10-6:00PM
 MEETS: JAN 9-MAY 5

SOIL-PLANT RELATION AGRON 553 3 CREDITS
 Prereq: AGRON 354
 1459005 MWF 2:10-3:00 MCDANIEL M
 MEETS: JAN 9-MAY 5

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, ARRANGED
 MEETS: JAN 9-MAY 5

SOIL PHYSICS AGRON 577 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 AND MATH 166
 1464005 MWF 10:00-10:50 HORTON R
 MEETS: JAN 9-MAY 5

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 9-MAY 5

ORGANC AG THRY&PRAC AGRON 584 3 CREDITS
 Prereq: 9 CREDITS IN BIOLOGICAL OR PHYSICAL SCI
 3396005 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 3396600 XW ARRANGED DELATE K
 MEETS: JAN 9-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW

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
 MEETS: JAN 9-MAY 5

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 LICHT M
 MEETS: JAN 9-MAY 5
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY, MS PLANT BREEDING AND AGRONOMY GRADUATE CERTIFICATE ONLINE DEGREE PROGRAMS.
 ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://masters.agron.iastate.edu/techtest

CURRNT ISSUES AGRON AGRON 592 3 CREDITS
 Prereq: AGRON 501, AGRON 503, AGRON 511, AGRON 512, AGRON 513, AGRON 514
 2044600 XW ARRANGED MERRICK L
 MEETS: JAN 9-MAY 5
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS IN AGRONOMY ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://masters.agron.iastate.edu/techtest

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 9-MAY 5
 Note: RESTRICTED TO DISTANCE EDUCATION STB MAJORS. ALL OTHERS MUST GAIN PERMISSION FROM: SEEDGRAD@IASTATE.EDU
 Section XW is off campus
 Course delivery is Independent study

CR COMP AG METEOROL AGRON 599A VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1472005 ARRANGED
 MEETS: JAN 9-MAY 5

AGRONOMY		(CONTINUED)
CR COMP CROP PRD&PH	AGRON 599B VAR.	CREDITS
1473005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 5	
CR COMP PLNT BREEDG	AGRON 599C VAR.	CREDITS
1474005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 5	
1474010	2 ARRANGED MEETS: JAN 9-MAY 5	
1474600	XA ARRANGED MEETS: JAN 9-MAY 5	
Note: SECTION XA IS OFFERED FOR 3.0 CREDITS. Section XA is off campus Course delivery is Independent study		
CRTV COMP SOIL CHEM	AGRON 599D VAR.	CREDITS
1475005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 5	
CR COMP SOIL FERTIL	AGRON 599E VAR.	CREDITS
1476005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 5	
CRTV COMPN SOIL MGT	AGRON 599F VAR.	CREDITS
1477005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 5	
CR COMP SOIL MICROB	AGRON 599G VAR.	CREDITS
1478005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 5	
CR COMP SOIL MORPHO	AGRON 599H VAR.	CREDITS
1479005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 5	
CR COMP SOIL PHYSCS	AGRON 599I VAR.	CREDITS
1480005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 5	
CRTV COMP SEED SCI	AGRON 599K VAR.	CREDITS
1639005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 5	
CRTV COMP WEED SCI	AGRON 599L VAR.	CREDITS
1649005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 5	
CREATV COMPON AGRON	AGRON 599M VAR.	CREDITS
6508600	Prereq: NONTHESIS M.S. OPTION ONLY Satisfactory-Fail Only. XA ARRANGED MEETS: JAN 9-MAY 5	
Note: OFFERED FOR 1 TO 3 CREDITS. RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY ONLINE DEGREE PROGRAM. CONTACT THE MS AGRONOMY PROGRAM FOR PERMISSION TO REGISTER: MSAGRON@IASTATE.EDU OR 515-294-2999 Course delivery is Independent study Section XA is off campus Course delivery is Independent study Cmptr reqmt: http://masters.agron.iastate.edu/techtest		
6508620	XB ARRANGED MOORE K MEETS: JAN 9-MAY 5	
Note: SECTION XB OFFERED FOR 1 CREDIT. RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY ONLINE DEGREE PROGRAM. CONTACT THE MS AGRONOMY PROGRAM FOR PERMISSION TO REGISTER: MSAGRON@IASTATE.EDU OR 515-294-2999 Course delivery is Independent study Section XB is off campus Course delivery is WWW Cmptr reqmt: http://masters.agron.iastate.edu/techtest		
SMNR: PLANT BREEDING	AGRON 600A	1 CREDIT
1481005	Satisfactory-Fail Only. T 4:10-5:00 MEETS: JAN 9-MAY 5	
SEMINAR: SOILS	AGRON 600B	1 CREDIT
1482005	W 4:10-5:00 MEETS: JAN 9-MAY 5	WOLT J
AGRONMC SCI PRESNTN	AGRON 601	2 CREDITS
9551005	Prereq: GRADUATE STATUS IN AGRONOMIC SCIENCE, PERMISSION OF INSTRUCTOR TR 12:40-2:00 MEETS: JAN 9-MAY 5	HORTON R

AGRONOMY		(CONTINUED)
ADV PLANT BREEDING	AGRON 621	3 CREDITS
1488005	Prereq: AGRON 521, AGRON 526, AGRON 561; GEN 410 TR 11:00-12:20 MEETS: JAN 9-MAY 5	YU J
GENET STRAT PLT BRD	AGRON 625	3 CREDITS
1489005	Prereq: AGRON 521, GEN 510 MF 12:10-1:20 MEETS: JAN 9-MAY 5	LEE M
RESEARCH SEMINAR	AGRON 696	1 CREDIT
8829005	Satisfactory-Fail Only. W 4:10-5:30 MEETS: JAN 9-MAY 5	
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
8730005	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. T 6:30-7:50 MEETS: JAN 9-MAY 5	
Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK		
FOUND U S AIR FORCE	AFAS 142	1 CREDIT
1261005	A T 9:00-9:50 MEETS: JAN 9-MAY 5	
1261010	B W 1:10-2:00 MEETS: JAN 9-MAY 5	
AIR FRC PHYS TRAINI	AFAS 151	1 CREDIT
7736005	Prereq: MEMBERSHIP AS A CADET IN AFROTC Note: TIMES LISTED ARE MORNING/A.M. MUST ATTEND 2 SESSIONS PER WEEK. Satisfactory-Fail Only. MWF 6:30-7:30 MEETS: JAN 9-MAY 5	
Note: TIMES LISTED ARE MORNING/A.M.		
BASIC LDRSHP LAB II	AFAS 202	1 CREDIT
8732005	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. T 6:30-7:50 MEETS: JAN 9-MAY 5	
Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK		

AIR FORCE AEROSPACE STUDIES (CONTINUED)

EVOL USAF AIR POWER AFAS 242 1 CREDIT
 1263005 A W 9:00-9:50
 MEETS: JAN 9-MAY 5
 1263010 B R 9:00-9:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 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 2:10-3:30
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 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 9-MAY 5

AMERICAN INDIAN STUDIES

INTR AM INDIAN STDI AM IN 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 1506005 A MWF 9:00-9:50 COPPOC J
 MEETS: JAN 9-MAY 5
 1506010 B MWF 10:00-10:50 COPPOC J
 MEETS: JAN 9-MAY 5
 1506015 C MWF 1:10-2:00 COPPOC J
 MEETS: JAN 9-MAY 5
 1506020 D TR 3:40-5:00 COPPOC J
 MEETS: JAN 9-MAY 5
 1506025 E TR 8:00-9:20 COPPOC J
 MEETS: JAN 9-MAY 5
 1506030 F TR 11:00-12:20 COPPOC J
 MEETS: JAN 9-MAY 5

TOP AM IND:SOVREIGN AM IN 310A 3 CREDITS
 Prereq: AM IN 210, ANTHR 201, ANTHR 306, OR ANTHR 322 RECOMMENDED
 Note: Meets U.S. diversity reqmt
 9438005 MWF 11:00-11:50 HILL C
 MEETS: JAN 9-MAY 5

AM INDIAN WMN WRITE AM IN 342 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 1493005 MWF 12:10-1:00 COPPOC J
 MEETS: JAN 9-MAY 5

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 LANGUAG I ASL 101 4 CREDITS
 Note: Meets U.S. diversity reqmt
 9364600 XW ARRANGED WEBB J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

AMER SIGN LANGUA II ASL 102 4 CREDITS
 Prereq: ASL 101 OR ASL 105
 Note: Meets U.S. diversity reqmt
 9367005 1 MTWR 11:00-11:50 BALLARD M
 MEETS: JAN 9-MAY 5
 9367010 2 MTWR 9:00-9:50 BUCHHOLZ S
 MEETS: JAN 9-MAY 5
 9367015 3 MTWR 10:00-10:50 BUCHHOLZ S
 MEETS: JAN 9-MAY 5
 9367600 XW ARRANGED WEBB J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

AMERICAN SIGN LANGUAGE (CONTINUED)

INTRO TO DEAF-WORLD ASL 107X 1 CREDIT
 Note: Meets U.S. diversity reqmt
 8371600 XW ARRANGED BALLARD M
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

INTM AM SIGN LNG II ASL 202 4 CREDITS
 Prereq: ASL 201 OR EQUIVALENT
 9374005 1 MW 12:40-2:00 BALLARD M
 MEETS: JAN 9-MAY 5

TOPICS DEAF CULTURE ASL 275 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9396005 TR 9:00-10:20 BALLARD M
 MEETS: JAN 9-MAY 5

DEAF PEOPL:PRE-WWII ASL 325X 3 CREDITS
 Prereq: ASL 206 OR PERMISSION OF INSTRUCTOR
 Note: Meets U.S. diversity reqmt
 9800005 TR 12:40-2:00 BUCHHOLZ S
 MEETS: JAN 9-MAY 5

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

ANIMAL ECOLOGY

PRIN WLDLDF&F CONSRV A ECL 231X 3 CREDITS
 Prereq: BIOL 211, BIOL 212, NREM 120
 6096005 MWF 10:00-10:50 HARRIS M
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5
 2722010 2 MW 10:00-10:50 STEWART T
 R 9:00-11:50 STEWART T
 MEETS: JAN 9-MAY 5
 2722015 3 MW 10:00-10:50 STEWART T
 F 10:00-12:50 STEWART T
 MEETS: JAN 9-MAY 5

INTR AQUAT ANIM MED A ECL 401 1 CREDIT
 6184005 1 T 7:10-9:00PM
 MEETS: MARCH 6-MAY 5

AQUATIC INSECTS A ECL 425 3 CREDITS
 Prereq: BIOL 312 OR EQUIVALENT
 6360005 A MW 1:10-2:00 COURTNEY G
 F 1:10-4:00 COURTNEY G
 MEETS: JAN 9-MAY 5
 Note: Materials, field trips &/or travel fee \$40.00

AQUACULTURE A ECL 442 3 CREDITS
 Prereq: BIOL 211, BIOL 212
 1071600 XW ARRANGED MORRIS J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

WILDLIFE ECOL &MGMT A ECL 451 3 CREDITS
 Prereq: A ECL 371
 1081005 F 9:00-9:50 ADELMAN J
 MW 8:00-9:50 ADELMAN J
 MEETS: JAN 9-MAY 5
 Note: Materials, field trips &/or travel fee \$45.00

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 9-MAY 5

ORNITHOLOGY A ECL 458 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2766005 1 MW 10:00-10:50 HARMS T
 MEETS: JAN 9-MAY 5

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 HARMS T
 MEETS: JAN 9-MAY 5
 9657010 2 W 7:00-9:50 HARMS T
 MEETS: JAN 9-MAY 5

ANIMAL ECOLOGY

(CONTINUED)

MAMMALOLOGY A ECL 459 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 Note: COURSE RESTRICTED TO JRS & ABOVE
 2768005 1 MW 2:10-3:00 RENTZ M
 MEETS: JAN 9-MAY 5

MAMMALOLOGY LABORATORY 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 RENTZ M
 MEETS: JAN 9-MAY 5
 9659010 2 W 9:00-11:50 RENTZ M
 MEETS: JAN 9-MAY 5
 9659015 3 R 9:00-11:50 RENTZ M
 MEETS: JAN 9-MAY 5

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 9-MAY 5

AQUATIC INSECTS A ECL 525 3 CREDITS
 Prereq: BIOL 312 OR EQUIVALENT
 6381005 A MW 1:10-2:00 COURTNEY G
 F 1:10-4:00 COURTNEY G
 MEETS: JAN 9-MAY 5
 Note: Materials, field trips &/or travel fee \$40.00

CONSERVATION BIOLGY A ECL 531 3 CREDITS
 Prereq: A ECL 312 OR BIOL 312; BIOL 313
 OR GRADUATE STANDING
 1280005 TR 9:30-10:50 DEBINSKI D
 MEETS: JAN 9-MAY 5

AQUACULTURE A ECL 542 3 CREDITS
 Prereq: BIOL 211, BIOL 212
 1100600 XW ARRANGED MORRIS J
 MEETS: JAN 9-MAY 5
 Section XW is off campus
 Course delivery is WWW

PRIN WILDLIF DISEAS A ECL 554 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 8934005 1 MWF 11:00-11:50 BLANCHONG J
 MEETS: JAN 9-MAY 5

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 SKAAR B
 F 8:00-9:50 SKAAR B
 MEETS: JAN 9-MAY 5
 1527010 2 W 10:00-10:50 SKAAR B
 F 10:00-11:50 SKAAR B
 MEETS: JAN 9-MAY 5
 1527015 3 W 10:00-10:50 SKAAR B
 F 12:10-2:00 SKAAR B
 MEETS: JAN 9-MAY 5
 1527020 4 W 10:00-10:50 SKAAR B
 F 2:10-4:00 SKAAR B
 MEETS: JAN 9-MAY 5

ORIENTATION IN AN S AN S 110 1 CREDIT
 1518005 1 T 2:10-3:00 BUNDY J
 R 2:10-3:00 BUNDY J
 MEETS: JAN 9-MAY 5

SURVEY ANIMAL INDUS AN S 114 2 CREDITS
 1519005 1 MW 8:00-8:50 STERLE J
 MEETS: JAN 9-MAY 5

LVSTCK HANDL,SAFE,W AN S 190 2 CREDITS
 Prereq: AN S 101
 2885005 1 M 2:10-5:00 KRAHN G
 F 12:10-2:00 KRAHN G
 MEETS: MARCH 6-MAY 5
 Note: Instructor permission required.

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.
 9118010 2 ARRANGED
 MEETS: JAN 9-MAY 5

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

ISSUES FACING AN S AN S 211 1 CREDIT
 Prereq: 114, SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 1542005 1 T 4:10-6:00PM STERLE J
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 1521010 2 TR 8:00-9:15
 MEETS: JAN 9-MAY 5
 Note: SEC 2 PERMISSION BY TEACHING COORDINATOR.
 EMAIL DR. JODI STERLE (JSTERLE@IASTATE.EDU) FOR
 ENROLLMENT CONSIDERATION
 Department permission required.

DOM AN ANAT&PHY LAB AN S 214L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN AN S 214
 1545005 1 T 8:00-9:50 JUAREZ J
 MEETS: JAN 9-MAY 5
 1545010 2 T 10:00-11:50 JUAREZ J
 MEETS: JAN 9-MAY 5
 1545015 3 T 12:10-2:00 JUAREZ J
 MEETS: JAN 9-MAY 5
 1545020 4 R 2:10-4:00 JUAREZ J
 MEETS: JAN 9-MAY 5
 1545025 5 R 12:10-2:00 JUAREZ J
 MEETS: JAN 9-MAY 5
 1545030 6 T 2:10-4:00 JUAREZ J
 MEETS: JAN 9-MAY 5
 1545035 7 R 10:00-11:50 JUAREZ J
 MEETS: JAN 9-MAY 5

EQUINE SCIENCE AN S 216 3 CREDITS
 Prereq: 101 OR 114; ONE COURSE IN BIOLOGY
 4825010 2 TR 9:00-9:50 SCHULZ K
 M 12:10-2:00 SCHULZ K
 MEETS: JAN 9-MAY 5
 4825015 3 TR 9:00-9:50 SCHULZ K
 M 2:10-4:00 SCHULZ K
 MEETS: JAN 9-MAY 5

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 FERWERDA N
 MEETS: JAN 9-MAY 5

POULTRY SCIENCE AN S 223 3 CREDITS
 Prereq: 101, 114
 1695005 1 MW 11:00-11:50
 T 10:00-11:50
 MEETS: JAN 9-MAY 5

COMPANION ANIM SCI AN S 224 3 CREDITS
 Prereq: COURSE IN BIOLOGY
 8087005 1 MW 2:10-3:00 ELLINWOOD N
 R 10:00-11:50 ELLINWOOD N
 MEETS: JAN 9-MAY 5
 8087010 2 MW 2:10-3:00 ELLINWOOD N
 R 12:10-2:00 ELLINWOOD N
 MEETS: JAN 9-MAY 5
 8087015 3 MW 2:10-3:00 ELLINWOOD N
 R 8:00-9:50 ELLINWOOD N
 MEETS: JAN 9-MAY 5
 8087020 4 MW 2:10-3:00 ELLINWOOD N
 R 2:10-4:00 ELLINWOOD N
 MEETS: JAN 9-MAY 5

SWINE SCIENCE AN S 225 3 CREDITS
 Prereq: AN S 114, AN S 101
 Note: SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY
 SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.
 1725005 1A MF 10:00-10:50 KRAHN G
 W 8:00-9:50 KRAHN G
 MEETS: JAN 9-MAY 5
 1725010 1B MF 10:00-10:50 KRAHN G
 W 8:00-9:50 KRAHN G
 MEETS: JAN 9-MAY 5
 1725015 2A MF 10:00-10:50 KRAHN G
 W 10:00-11:50 KRAHN G
 MEETS: JAN 9-MAY 5
 1725020 2B MF 10:00-10:50 KRAHN G
 W 10:00-11:50 KRAHN G
 MEETS: JAN 9-MAY 5
 1725025 3A MF 10:00-10:50 KRAHN G
 W 12:10-2:00 KRAHN G
 MEETS: JAN 9-MAY 5
 1725030 3B MF 10:00-10:50 KRAHN G
 W 12:10-2:00 KRAHN G
 MEETS: JAN 9-MAY 5
 1725035 4A MF 10:00-10:50 KRAHN G
 W 2:10-4:00 KRAHN G
 MEETS: JAN 9-MAY 5

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

SWINE SCIENCE AN S 225 3 CREDITS
 1725040 4B MF 10:00-10:50 KRAHN G
 W 2:10-4:00 KRAHN G
 MEETS: JAN 9-MAY 5

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 SKAAR B
 R 10:00-11:50 SKAAR B
 MEETS: JAN 9-MAY 5

1726010 1B MW 1:10-2:00 SKAAR B
 R 10:00-11:50 SKAAR B
 MEETS: JAN 9-MAY 5

1726015 2A MW 1:10-2:00 SKAAR B
 R 12:10-2:00 SKAAR B
 MEETS: JAN 9-MAY 5

1726020 2B MW 1:10-2:00 SKAAR B
 R 12:10-2:00 SKAAR B
 MEETS: JAN 9-MAY 5

1726025 3A MW 1:10-2:00 SKAAR B
 R 2:10-4:00 SKAAR B
 MEETS: JAN 9-MAY 5

1726030 3B MW 1:10-2:00 SKAAR B
 R 2:10-4:00 SKAAR B
 MEETS: JAN 9-MAY 5

1726035 4A MW 1:10-2:00 SKAAR B
 R 8:00-9:50 SKAAR B
 MEETS: JAN 9-MAY 5

1726040 4B MW 1:10-2:00 SKAAR B
 R 8:00-9:50 SKAAR B
 MEETS: JAN 9-MAY 5

SHEEP SCIENCE AN S 229 3 CREDITS
 Prereq: 114, 101
 1727005 1 MW 11:00-11:50 YOUNGS C
 M 2:10-4:00 YOUNGS C
 MEETS: JAN 9-MAY 5

1727010 2 MW 11:00-11:50 YOUNGS C
 T 12:10-2:00 YOUNGS C
 MEETS: JAN 9-MAY 5

FOODS ANIMAL ORIGIN AN S 270 2 CREDITS
 Prereq: BIOL 212, CHEM 163 OR CHEM 177
 1524005 1 TR 8:00-8:50 LONERGAN S
 MEETS: JAN 9-MAY 5

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 OLSEN S
 MEETS: JAN 9-MAY 5

7169010 2 W 12:10-2:00 OLSEN S
 MEETS: JAN 9-MAY 5

7169015 3 W 8:00-9:50 OLSEN S
 MEETS: JAN 9-MAY 5

BASIC SWINE SCIENCE AN S 280 2 CREDITS
 Prereq: AN S 101, AN S 114
 9409600 XF ARRANGED STERLE J
 MEETS: JAN 17-MAY 4
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL.
 CASEY SMITH OR MICHELLE ZANDER,
 AGONLINESERVICES@IASTATE.EDU OR 800-747-4478
 Department permission required.
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

9409605 XH ARRANGED STERLE J
 MEETS: JAN 17-MAY 4
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL.
 CASEY SMITH OR MICHELLE ZANDER,
 AGONLINESERVICES@IASTATE.EDU OR 800-747-4478
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.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 9-MAY 5

ANIML FEEDS&FEEDING AN S 320 3 CREDITS
 Prereq: 319
 1635005 1 MW 8:00-8:50
 W 2:10-4:00
 MEETS: JAN 9-MAY 5

1635010 2 MW 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 9-MAY 5

1635015 3 MW 8:00-8:50
 F 10:00-11:50
 MEETS: JAN 9-MAY 5

DOMSTC ANIM REPRODU AN S 331 3 CREDITS
 Prereq: COURSE IN PHYSIOLOGY
 1531005 1 TR 8:00-9:20 YOUNGS C
 MEETS: JAN 9-MAY 5

ANIM REPROD LAB MTH AN S 332A 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN AN S 331
 1532005 1 W 2:10-5:00 YOUNGS C
 MEETS: JAN 9-MAY 5

1532010 2 MW 7:30-9:00 FERWERDA N
 MEETS: JAN 9-MAY 5

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

LACTATION AN S 337 3 CREDITS
 Prereq: 214
 1711005 1 TR 11:00-12:15 TIMMS L
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

1534015 2 MW 9:00-9:50
 T 10:00-11:50
 MEETS: JAN 9-MAY 5

1534020 3 MW 9:00-9:50
 T 12:10-2:00
 MEETS: JAN 9-MAY 5

1534030 5 MW 9:00-9:50
 T 2:10-4:00
 MEETS: JAN 9-MAY 5

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 17-MAY 4
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL.
 CASEY SMITH OR MICHELLE ZANDER,
 AGONLINESERVICES@IASTATE.EDU OR 800-747-4478
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.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
 7350605 XF ARRANGED STERLE J
 MEETS: JAN 17-MAY 4
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL.
 CASEY SMITH OR MICHELLE ZANDER,
 AGONLINESERVICES@IASTATE.EDU OR 800-747-4478
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

7350600 XH ARRANGED STERLE J
 MEETS: JAN 17-MAY 4
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL.
 CASEY SMITH OR MICHELLE ZANDER,
 AGONLINESERVICES@IASTATE.EDU OR 800-747-4478
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.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 17-MAY 4
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL.
 CASEY SMITH OR MICHELLE ZANDER,
 AGONLINESERVICES@IASTATE.EDU OR 800-747-4478
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

ANIMAL SCIENCE

(CONTINUED)

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 17-MAY 4
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL.
 CASEY SMITH OR MICHELLE ZANDER,
 AGONLINESERVICES@IASTATE.EDU OR 800-747-4478
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.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 17-MAY 4
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL.
 CASEY SMITH OR MICHELLE ZANDER,
 AGONLINESERVICES@IASTATE.EDU OR 800-747-4478
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.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 17-MAY 4
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL.
 CASEY SMITH OR MICHELLE ZANDER,
 AGONLINESERVICES@IASTATE.EDU OR 800-747-4478
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agonline.iastate.edu
 /resources/computer-requirements

SWINE MANUR&NTR MGT AN S 383 1 CREDIT
 Prereq: AN S 225, OR AN S 280 AND AN S 280L
 1680600 XF ARRANGED ANDERSEN D
 MEETS: JAN 17-MAY 4
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL.
 CASEY SMITH OR MICHELLE ZANDER,
 AGONLINESERVICES@IASTATE.EDU OR 800-747-4478
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agonline.iastate.edu
 /resources/computer-requirements

1680605 XH ARRANGED ANDERSEN D
 MEETS: JAN 17-MAY 4
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL.
 CASEY SMITH OR MICHELLE ZANDER,
 AGONLINESERVICES@IASTATE.EDU OR 800-747-4478
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agonline.iastate.edu
 /resources/computer-requirements

SWINE HLTH&BIOSECUR AN S 384 1 CREDIT
 Prereq: AN S 225, OR AN S 280 AND AN S 280L.
 A COURSE IN MICROBIOLOGY IS RECOMMENDED.
 9689600 XF ARRANGED KARRIKER L
 MEETS: JAN 17-MAY 4
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL.
 CASEY SMITH OR MICHELLE ZANDER,
 AGONLINESERVICES@IASTATE.EDU OR 800-747-4478
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agonline.iastate.edu
 /resources/computer-requirements

9689605 XH ARRANGED KARRIKER L
 MEETS: JAN 17-MAY 4
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL.
 CASEY SMITH OR MICHELLE ZANDER,
 AGONLINESERVICES@IASTATE.EDU OR 800-747-4478
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agonline.iastate.edu
 /resources/computer-requirements

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR
 1538005 1 ARRANGED BURGETT C
 MEETS: JAN 9-MAY 5

ANIMAL SCIENCE

(CONTINUED)

SUPERV'D INTERNSHIP AN S 399B R CREDIT
 Prereq: PERMISSION OF INTERNSHIP COORDINATOR
 2258005 1 ARRANGED BURGETT C
 MEETS: JAN 9-MAY 5

ISSUES ANIMAL SCIEN AN S 411 1 CREDIT
 Prereq: SENIOR CLASSIFICATION IN AN S
 1713005 1 T 4:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 8779010 2 TR 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

INT'L ANIMAL AGRICU AN S 441 3 CREDITS
 Prereq: CREDIT IN TWO OF THE FOLLOWING COURSES:
 AN S 223, AN S 225, AN S 226, AN S 229, AN S 235
 Note: Meets international perspectives reqmt
 9246005 1 TR 11:00-12:15 ROTHSCCHILD M
 MEETS: JAN 9-MAY 5

PROCESSED MEATS AN S 460 3 CREDITS
 Prereq: 270, 270L
 1555010 1 MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 9-MAY 5
 1555015 2 MW 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

BEEF INDU LDR FELLOW AN S 480A 1 CREDIT
 Prereq: 226, INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 8710005 1 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

PORK INDU LDR FELLOW AN S 480C 1 CREDIT
 Prereq: 225, INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 4509005 1 ARRANGED
 MEETS: JAN 9-MAY 5
 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 9-MARCH 3

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 W 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SECTION 1 IS FOR TRAVEL IN THE WESTERN U.S.-
 INCLUDING KS, CO, WY, ID, MT AND NE.
 Instructor permission required.
 Cmptr reqmt: [http://www.agonline.iastate.edu](http://www.agonline.iastate.edu/resources/computer-requirements)
 /resources/computer-requirements

1539020 2 R 5:10-7:00PM
 MEETS: JAN 9-MAY 5
 Note: SECTION 2 IS FOR TRAVEL IN THE FRANCE &
 ITALY.
 Instructor permission required.

1539040 6 R 5:10-7:00PM
 MEETS: JAN 9-MAY 5

1539045 7 W 5:10-7:00PM
 MEETS: JAN 9-MAY 5
 Note: SEC 7 PRE-TRAVEL FOR THE UNITED KINGDOM

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 9-MAY 5

PERINATOLOGY AN S 536 2 CREDITS
 Prereq: ONE COURSE IN PHYSIOLOGY; ONE COURSE IN
 BIOCHEMISTRY
 1782005 1 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

TOPICS ANIML BEHAVR AN S 537A 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; M.S. OR PH.D.
 STUDENT
 1793600 XW ARRANGED JOHNSON A
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: [http://www.agonline.iastate.edu](http://www.agonline.iastate.edu/resources/computer-requirements)
 /resources/computer-requirements

TOPICS GENOME ANALY AN S 556 3 CREDITS
 Prereq: BBMB 405 OR GDCE 510
 2050005 WF 10:00-11:20
 MEETS: JAN 9-MAY 5

PROCESSED MEATS AN S 560 3 CREDITS
 Prereq: 270
 1730005 1 MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 9-MAY 5

1730010 2 MW 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 9-MAY 5

1730600 XW ARRANGED SEBRANEK J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: [http://www.agonline.iastate.edu](http://www.agonline.iastate.edu/resources/computer-requirements)
 /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 9-MAY 5

1578600 XW ARRANGED LONERGAN E
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: [http://www.agonline.iastate.edu](http://www.agonline.iastate.edu/resources/computer-requirements)
 /resources/computer-requirements

SPL TOP AN BREEDING AN S 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANIMAL NUTR AN S 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEAT AN PRO AN S 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP DAIRY PROD AN S 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEAT SCI AN S 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHYS REPROD AN S 590F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MUSCLE BIOL AN S 590G 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POULTR PROD AN S 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PROF TOPICS AN S 590K 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING AN S 590L 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ETHOLOGY AN S 590N 1- 3 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP AN BREEDG AN S 599A 1- 8 CREDITS
 Prereq: NONTHESIS M.S. STATUS

 SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP ANI NUTRI AN S 599B 1- 8 CREDITS
 Prereq: NONTHESIS M.S. STATUS

 SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP AN PHYSIOL AN S 599C 1- 8 CREDITS
 Prereq: NONTHESIS M.S. STATUS

 SEE DEPT FOR REFERENCE NUMBERS

ANIMAL SCIENCE (CONTINUED)

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

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

VITAMINS & MINERALS AN S 618 2 CREDITS
 Prereq: BIOCHEMISTRY, PHYSIOLOGY, BASIC NUTRITION
 4279005 1 TR 11:00-11:50
 MEETS: JAN 9-MAY 5

SEM AN BREEDG&GENET AN S 658 1 CREDIT
 7083010 2 T 2:10-3:00
 MEETS: JAN 9-MAY 5

SEMINAR MEAT SCIENC AN S 684 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1604005 1 T 12:10-1:00
 MEETS: JAN 9-MAY 5

SEMINAR ANIMAL SCI AN S 695 1 CREDIT
 Satisfactory-Fail Only
 7289005 1 F 3:10-4:00
 MEETS: JAN 9-MAY 5

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

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

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

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

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

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

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

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

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

ANTHROPOLOGY

INTRO CULTURL ANTHR ANTHR 201 3 CREDITS
 Meets international perspectives reqmt

1615005 1 MW 10:00-10:50 HILL C
 W 11:00-11:50
 MEETS: JAN 9-MAY 5

1615010 2 MW 10:00-10:50 HILL C
 W 12:10-1:00
 MEETS: JAN 9-MAY 5

1615015 3 MW 10:00-10:50 HILL C
 W 1:10-2:00
 MEETS: JAN 9-MAY 5

1615020 4 MW 10:00-10:50 HILL C
 W 2:10-3:00
 MEETS: JAN 9-MAY 5

1615025 5 MW 10:00-10:50 HILL C
 W 3:10-4:00
 MEETS: JAN 9-MAY 5

1615030 6 MW 10:00-10:50 HILL C
 W 4:10-5:00
 MEETS: JAN 9-MAY 5

1615035 7 MW 10:00-10:50 HILL C
 R 8:00-8:50
 MEETS: JAN 9-MAY 5

1615040 8 MW 10:00-10:50 HILL C
 R 9:00-9:50
 MEETS: JAN 9-MAY 5

1615045 9 MW 10:00-10:50 HILL C
 R 10:00-10:50
 MEETS: JAN 9-MAY 5

1615600 XW ARRANGED BOMBIELLA-MEDINA
 MEETS: JAN 9-MARCH 3

Note: Section XW is off campus
 Course delivery is WWW

1615050 10 MW 10:00-10:50 HILL C
 R 11:00-11:50
 MEETS: JAN 9-MAY 5

1615055 11 MW 10:00-10:50 HILL C
 R 12:10-1:00
 MEETS: JAN 9-MAY 5

1615060 12 MW 10:00-10:50 HILL C
 R 1:10-2:00
 MEETS: JAN 9-MAY 5

1615065 13 MW 10:00-10:50 HILL C
 R 2:10-3:00
 MEETS: JAN 9-MAY 5

1615070 14 MW 10:00-10:50 HILL C
 R 3:10-4:00
 MEETS: JAN 9-MAY 5

ANTHROPOLOGY (CONTINUED)

INTRO CULTURL ANTHR ANTHR 201 3 CREDITS
 1615075 15 MW 10:00-10:50 HILL C
 R 4:10-5:00
 MEETS: JAN 9-MAY 5

INTR BIOL AN&ARCHEO ANTHR 202 3 CREDITS
 1616005 1 MW 9:00-9:50 LINDSHIELD S
 M 10:00-10:50
 MEETS: JAN 9-MAY 5

1616010 2 MW 9:00-9:50 LINDSHIELD S
 M 11:00-11:50
 MEETS: JAN 9-MAY 5

1616015 3 MW 9:00-9:50 LINDSHIELD S
 M 12:10-1:00
 MEETS: JAN 9-MAY 5

1616020 4 MW 9:00-9:50 LINDSHIELD S
 M 1:10-2:00
 MEETS: JAN 9-MAY 5

1616025 5 MW 9:00-9:50 LINDSHIELD S
 M 2:10-3:00
 MEETS: JAN 9-MAY 5

1616030 6 MW 9:00-9:50 LINDSHIELD S
 M 3:10-4:00
 MEETS: JAN 9-MAY 5

1616600 XW ARRANGED LINDSHIELD S
 MEETS: MARCH 6-MAY 5

Note: Section XW is off campus
 Course delivery is WWW

GLOBAL SUSTAINABLT 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 9-MAY 5

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

7017005 1 MWF 12:10-1:00 BOMBIELLA-MEDINA
 MEETS: JAN 9-MAY 5

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

1617005 1 MW 10:00-10:50 BRAUN S
 T 8:00-9:50
 MEETS: JAN 9-MAY 5

1617010 2 MW 10:00-10:50 BRAUN S
 T 10:00-11:50
 MEETS: JAN 9-MAY 5

1617015 3 MW 10:00-10:50 BRAUN S
 T 12:10-2:00
 MEETS: JAN 9-MAY 5

1617020 4 MW 10:00-10:50 BRAUN S
 T 2:10-4:00
 MEETS: JAN 9-MAY 5

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
 MEETS: JAN 9-MAY 5

1618010 2 TR 10:00-10:50 PRUETZ J
 F 10:00-11:50
 MEETS: JAN 9-MAY 5

1618015 3 TR 10:00-10:50 PRUETZ J
 F 12:10-2:00
 MEETS: JAN 9-MAY 5

1618020 4 TR 10:00-10:50 PRUETZ J
 F 2:10-4:00
 MEETS: JAN 9-MAY 5

INTRO CULTUR&LANGUA ANTHR 309 3 CREDITS
 Prereq: ANTHR 201 RECOMMENDED
 Note: Meets international perspectives reqmt

1620600 XW ARRANGED VIATORI M
 MEETS: MARCH 6-MAY 5

Note: Section XW is off campus
 Course delivery is WWW

SKELETAL BIOLOGY ANTHR 319 3 CREDITS
 Prereq: 307 OR COLLEGE LEVEL BIOL REQUIRED

2754005 1 MW 2:10-3:00 MANZ C
 T 4:10-6:00PM
 MEETS: JAN 9-MAY 5

2754010 2 MW 2:10-3:00 MANZ C
 R 4:10-6:00PM
 MEETS: JAN 9-MAY 5

WORLD PREHISTORY ANTHR 321 3 CREDITS
 Prereq: 202 RECOMMENDED

2083005 TR 11:00-12:20 HILL M
 MEETS: JAN 9-MAY 5

ANTHROPOLOGY (CONTINUED)

ANTHROPOLOGY (CONTINUED)

ASIAN AM MATRL CULT ANTHR 333 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9136005 TR 12:40-2:00 DUSSELIER J
 MEETS: JAN 9-MAY 5

WAR&HUMNTRN POLITCS ANTHR 354 3 CREDITS
 Prereq: POL S 235 OR POL S 251 OR ANTHR 230
 Note: Meets international perspectives reqmt
 5550005 MWF 1:10-2:00 GABIAM N
 MEETS: JAN 9-MAY 5

APPLIED ANTHROPOLOGY ANTHR 411 3 CREDITS
 Prereq: 201 OR 306
 Note: Meets international perspectives reqmt
 1622005 TR 12:40-2:00 REED A
 MEETS: JAN 9-MAY 5

PROFESNL PREP ANTHR ANTHR 425 2 CREDITS
 Prereq: JUNIOR CLASSIFICATION IN ANTHROPOLOGY OR
 PERMISSION FROM THE INSTRUCTOR
 Satisfactory-Fail Only.
 9185005 M 3:10-5:00 LINDSHIELD S
 MEETS: JAN 9-MAY 5

ARC LAB METHD FAUNA ANTHR 428C 3 CREDITS
 7139005 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

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 9-MAY 5

PRIMATE EVO ECO&BHV ANTHR 438 3 CREDITS
 Prereq: 202 OR 307
 6959005 TR 2:10-3:30 PRUETZ J
 MEETS: JAN 9-MAY 5

PRACTICUM ARCHAEOLOG ANTHR 451A 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 4780005 ARRANGED
 MEETS: JAN 9-MAY 5

PRACTICUM CULTURAL A ANTHR 451B 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 1095005 ARRANGED
 MEETS: JAN 9-MAY 5

PRACTICUM BIOLOGCL A ANTHR 451C 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM LINGUIST A ANTHR 451D 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 1167005 ARRANGED
 MEETS: JAN 9-MAY 5

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

APPLIED ANTHROPOLOGY ANTHR 511 3 CREDITS
 Prereq: 6 CREDITS IN ANTHR; 201 OR 306
 Note: Meets international perspectives reqmt
 7523005 TR 12:40-2:00 REED A
 MEETS: JAN 9-MAY 5

SKELETAL BIOLOGY ANTHR 519 3 CREDITS
 Prereq: 307 OR COLLEGE LEVEL BIOLOGY RECOMMENDED
 2760005 1 MW 2:10-3:00
 T 4:10-6:00PM
 MEETS: JAN 9-MAY 5

2760010 2 MW 2:10-3:00
 R 4:10-6:00PM
 MEETS: JAN 9-MAY 5

WORLD PREHISTORY ANTHR 521 3 CREDITS
 Prereq: 202 RECOMMENDED
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 2088005 TR 11:00-12:20 HILL M
 MEETS: JAN 9-MAY 5

ARC LAB METHD FAUNA ANTHR 528C 3 CREDITS
 7140005 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

PRIMATE EVO ECO&BHV ANTHR 538 3 CREDITS
 Prereq: 202 OR 307
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 6945005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

RSRCH&PRSNLT FORENSC ANTHR 542 1 CREDIT
 5259005 ARRANGED
 MEETS: JAN 9-MAY 5

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

ORIENTATN FOR AESHM AESHM 112 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN AESHM 113
 5099005 1A W 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO EVENT, HRI AND HSP H
 MAJORS ONLY

5099010 1B W 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1B RESTRICTED TO A M D, AMDP MAJORS ONLY

PRO DEVEL:EVENT&HSP AESHM 113E 1 CREDIT
 Note: COURSE RESTRICTED TO EVENT, HSP M MAJORS
 ONLY

1396005 ARRANGED
 MEETS: JAN 9-MAY 5

PRO DEV:APPARL,MRCH AESHM 113N 1 CREDIT
 Note: COURSE RESTRICTED TO A M D SOPHOMORES
 & ABOVE

1232005 ARRANGED
 MEETS: JAN 9-MAY 5

SUPV WRK EXP I:HSPY AESHM 170D 1 CREDIT
 Prereq: ADVISER PERMISSION REQUIRED
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.

1107005 ARRANGED
 MEETS: JAN 9-MAY 5

SUPV WRK EXP I:EVNT AESHM 170F 1 CREDIT
 Prereq: ADVISER PERMISSION REQUIRED
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.

1113005 ARRANGED
 MEETS: JAN 9-MAY 5

SPV WRK EXP I:APPAR AESHM 170N 1 CREDIT
 Prereq: ADVISER PERMISSION REQUIRED; FRESHMAN
 CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.

1125005 ARRANGED
 MEETS: MARCH 6-MAY 5

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

SU WRK EXP I:DINING AESHM 170P 1 CREDIT
 Prereq: ADVISER PERMISSION REQUIRED; FRESHMAN CLASSIFICATION OR PERMISSION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 3039005 ARRANGED
 MEETS: JAN 9-MAY 5

FINANC APP:HSPY MGT AESHM 175D 2 CREDITS
 2237005 1A ARRANGED
 MEETS: JAN 9-MARCH 3
 Note: SEC 1A RESTRICTED TO CS A, CS H, EVENT, HRI & HSP M MAJORS ONLY
 Course delivery is WWW
 2237010 1B ARRANGED
 MEETS: JAN 9-MARCH 3
 Note: Course delivery is WWW

FINANCL APPS:RETAIL AESHM 175N 2 CREDITS
 7809005 1 ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: Course delivery is WWW

LDRSH EXP:PRNC&DEVEL AESHM 211 3 CREDITS
 9596005 1A MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO A M D, AMDP, EVENT, HRI & HSP M
 9596010 1B MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN A M D, AMDP, EVENT, HRI & HSP M

CRTV THINK&PRB SOLV AESHM 222 3 CREDITS
 9595005 1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY
 9595010 2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 2 RESTRICTED TO EVENT, HSP M MAJORS ONLY
 9595015 3 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 3 FOR MAJORS OTHER THAN A M D, EVENT & HSP M

SUP WRK EXP II:HSPY AESHM 270D 1- 2 CREDITS
 Prereq: ADVISER PERMISSION REQUIRED
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 1132005 ARRANGED
 MEETS: JAN 9-MAY 5

SUP WRK EXP II:EVNT AESHM 270F 1- 2 CREDITS
 Prereq: ADVISER PERMISSION REQUIRED
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 1203005 ARRANGED
 MEETS: JAN 9-MAY 5

SUP WRK EXP II:APPA AESHM 270N 1- 2 CREDITS
 Prereq: ADVISER PERMISSION REQUIRED; SOPH CLASSIF
 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 6-MAY 5

SUP WRK EXP II: ISU AESHM 270P 1- 2 CREDITS
 Prereq: ADVISER PERMISSION REQUIRED
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 1282005 ARRANGED
 MEETS: JAN 9-MAY 5

FASHN SHOW PROD&PRM AESHM 272 1- 3 CREDITS
 Prereq: APPLICATION AND INSTRUCTOR PERMISSION.
 APPLICATION FORM AVAILABLE FROM AESHM DEPT OFFICE.
 Note: NO MORE THAN 4 CREDITS OF AESHM 272 MAY BE APPLIED TOWARD GRADUATION
 9593005 1A W 6:10-8:00PM
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.
 9593010 1B W 6:10-8:00PM
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

ORIEN U.S. FLD STDY AESHM 280 R CREDIT
 Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
 1286005 M 1:10-2:00
 MEETS: JAN 9-MAY 5

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

PRIN MGMT HUMAN SCI AESHM 287 3 CREDITS
 4608005 1A MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO HRI, EVENT, HSP M MAJORS ONLY
 4608010 1B MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1B RESTRICTED TO A M D, AMDP STUDENTS ONLY
 4608015 1C MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1C FOR MAJORS OTHER THAN AMDP, HRI, HSP M, EVENT, T C.

SEM CAREERS:EVENT&H AESHM 311E 1 CREDIT
 Prereq: AESHM 112, AESHM 113, SOPH. CLASSIFICTN, GOOD ACADEMIC STANDING
 1517005 ARRANGED
 MEETS: JAN 9-MAY 5

SEM CAREERS:APPAREL AESHM 311N 1 CREDIT
 Prereq: AESHM 112, AESHM 113, SOPH. CLASSIFICTN, GOOD ACADEMIC STANDING
 1624005 ARRANGED
 MEETS: JAN 9-MAY 5

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

AESTHTCS CNSMR EXPC AESHM 342 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4609005 1A MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO HRI, HSP M, EVENT MAJORS.
 4609010 1B MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1B RESTRICTED TO AMD, AMDP, T C MAJORS
 4609015 1C MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1C FOR MAJORS OTHER THAN HRI, HSP M, EVENT, T C.

U.S. FLD STU:APPARL AESHM 380N 1- 3 CREDITS
 Prereq: 10 CREDITS IN EVENT, AESHM, OR HSP M; SOPHOMORE CLASSIFICATION; MINIMUM 2.0 GPA; PERMISSION BY APPLICATION
 Note: Instructor permission required.
 1663005 1 W 5:10-6:00PM
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 1: NEW YORK
 1663010 2 W 5:10-6:00PM
 ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: SEC 2: L.A.
 1663015 3 W 4:10-5:00, ARRANGED
 MEETS: JAN 9-MARCH 3
 Note: SEC 3: MAGIC

COOPERATIVE EDUCATN AESHM 398 R CREDIT
 Prereq: PERMISSION OF ADVISER; JR CLASSIFICATN
 1002005 1 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO HRI, HSP M MAJORS ONLY
 Instructor permission required.
 1002010 2 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 2 RESTRICTED TO EVENT MAJORS ONLY
 Instructor permission required.
 1002015 3 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 3 RESTRICTED TO A M D MAJORS ONLY
 Instructor permission required.

SEM ISS:EVNT&HSPTLY AESHM 411E 1 CREDIT
 Prereq: SENIOR CLASSIFICATION IN AESHM
 7664005 M 2:10-3:00, ARRANGED
 MEETS: JAN 9-MARCH 3

DEV GLOBAL LEADRSH AESHM 421 3 CREDITS
 Note: Meets international perspectives reqmt
 4611005 1A TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M MAJORS ONLY
 4611010 1B TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI, HSP M

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

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 9-MAY 5
 Note: SEC 1A RESTRICTED TO HRI, HSP M, EVENT MAJORS ONLY
 2923010 1B TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1B RESTRICTED TO A M D, AMDP & T C MAJORS ONLY.

INTERNSHIP HOSP TLTY AESHM 470D 3- 6 CREDITS
 Prereq: AESHM 170, AESHM 311, 9 CREDITS IN HSP M, 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 3- 6 CREDITS
 Prereq: AESHM 311, EVENT 271
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP APPAREL AESHM 470N 3- 6 CREDITS
 Prereq: AESHM 311, 9 CREDITS IN A M D, MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
 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 3- 6 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 9-MAY 5
 Note: SEC 1 OFFERED FOR 3 CREDITS
 Instructor permission required.
 1872010 2 W 6:10-8:00PM
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 2 OFFERED FOR 2 CREDITS
 Instructor permission required.

ENTREPRNR HUMAN SCI AESHM 474 3 CREDITS
 Prereq: AESHM 275 OR AESHM 287 OR ACCT 284 OR 3 CREDITS IN MKT OR PERMISSION OF INSTRUCTOR
 4618005 1A TR 6:30-7:50PM
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS
 4618010 1B TR 6:30-7:50PM
 MEETS: JAN 9-MAY 5
 Note: SEC 1B RESTRICTED TO CS A, CS H, EVENT, HRI, HSP M MAJORS ONLY
 4618015 1C TR 6:30-7:50PM
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN AESHM 498 R CREDIT
 Prereq: PERMISSN OF ADVISER; SR CLASSIFICATION.
 REGISTER PRIOR TO COMMENCING WORK.
 1455005 ARRANGED
 MEETS: JAN 9-MAY 5

RSRCH METHDS AP&HSP AESHM 510 3 CREDITS
 Prereq: GRAD CLASSIFICATN IN AN AESHM DEPT MAJOR
 1494005 MW 1:10-3:00
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

SEMINAR AESHM 511 1- 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN A M D, AESHM, OR HSP M; PERMISSION OF INSTRUCTOR
 Note: OFFERED FOR 1 CREDIT SPRING 2016
 1507005 1 ARRANGED
 MEETS: JAN 9-MAY 5
 1507010 2 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

PRACTCM APPAR MCHDS AESHM 570A 1- 3 CREDITS
 Prereq: 6 GRAD CREDITS IN PROGRAM AREA;
 INSTRUCTOR PERMISSION
 6660005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

PRACTCM HSPTLTY MGT AESHM 570B 1- 3 CREDITS
 Prereq: 6 GRAD CREDITS IN PROGRAM AREA;
 INSTRUCTOR PERMISSION
 1509005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

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 2016
 1548005 ARRANGED
 MEETS: JAN 9-MAY 5

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

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

APPAREL ASSEMBL PROC A M D 121 3 CREDITS
 Prereq: ENROLLMENT IN A M D 204 RECOMENDED
 6602005 1 M 9:00-9:50
 TR 8:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 6602010 2 M 9:00-9:50
 TR 11:00-12:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 6602015 3 M 9:00-9:50
 TR 3:40-5:30
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

DRESS&DIVRSTY SOCIE A M D 165 3 CREDITS
 Note: Meets U.S. diversity reqmt
 6603005 1A TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 6603010 1B TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN AMDP, A M D

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

TEXTILE SCIENCE A M D 204 4 CREDITS
 Prereq: A M D 131
 6604005 1 TR 8:00-9:20
 W 12:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO A M D, AMDP & T C MAJOR ONLY
 6604010 2 TR 8:00-9:20
 W 2:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC 2 RESTRICTED TO A M D, AMDP & T C MAJOR ONLY
 6604015 3 TR 8:00-9:20
 F 11:00-12:50
 MEETS: JAN 9-MAY 5
 Note: SEC 3 RESTRICTED TO A M D, AMDP & T C MAJOR ONLY
 6604020 4 TR 8:00-9:20
 T 3:10-5:00
 MEETS: JAN 9-MAY 5

HONORS TEXTILE SCI A M D 204H 4 CREDITS
 7590005 1 TR 8:00-9:20
 W 12:10-2:00
 MEETS: JAN 9-MAY 5
 Note: Materials fee \$25.00
 7590010 2 TR 8:00-9:20
 W 2:10-4:00
 MEETS: JAN 9-MAY 5
 Note: Materials fee \$25.00
 7590015 3 TR 8:00-9:20
 F 11:00-12:50
 MEETS: JAN 9-MAY 5
 Note: Materials fee \$25.00
 7590020 4 TR 8:00-9:20
 T 3:10-5:00
 MEETS: JAN 9-MAY 5
 Note: Materials fee \$25.00

APPAREL, MERCHANDISING, AND DESIGN

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

DESGN SELECTV ADVNC A M D 206 R CREDIT
 Prereq: COMPLETION OR ENROLLMENT IN A M D 121,
 A M D 131, A M D 178, AND A M D 204, AND
 ENROLLMENT IN MAJOR.
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 4188005 1 ARRANGED
 MEETS: MARCH 6-MAY 5
 4188010 2 ARRANGED
 MEETS: JAN 9-MARCH 3

CPR APP DIGTL DSGN 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 9-MAY 5
 Note: SEC 1A RESTRICTED TO AMDP, A M D MAJORS
 5087010 1B T 1:10-3:00, ARRANGED
 MEETS: JAN 9-MAY 5
 5087015 2A R 1:10-3:00, ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 2A RESTRICTED TO AMDP, A M D MAJORS.
 5087020 2B R 1:10-3:00, ARRANGED
 MEETS: JAN 9-MAY 5

PATTRNMAK I:DRFT&FL A M D 225 3 CREDITS
 Prereq: A M D 121, A M D 204, A M D 206
 6607005 1 MWF 9:00-10:30
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.
 6607010 2 MWF 11:00-12:30
 ARRANGED
 MEETS: JAN 9-MAY 5
 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 MAJORS ONLY
 6608005 1 TR 9:30-10:50
 F 1:10-3:00
 MEETS: JAN 9-MAY 5
 6608010 2 TR 9:30-10:50
 W 10:00-11:50
 MEETS: JAN 9-MAY 5
 6608015 3 TR 9:30-10:50
 F 8:00-9:50
 MEETS: JAN 9-MAY 5

AESTHETC&BRAND IMAG A M D 245 3 CREDITS
 Prereq: A M D 131, A M D 165; CREDIT OR
 ENROLLMENT IN A M D 204
 6609005 1 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO A M D, AMDP
 MAJORS ONLY

RETAIL MERCHANDISNG A M D 275 3 CREDITS
 Prereq: 3 CREDITS IN MATH
 2853005 1A TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 2853010 1B TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 2853015 1C TR 11:00-12:20
 MEETS: JAN 9-MAY 5

FASHION ILLUSTRATN A M D 278 3 CREDITS
 Prereq: A M D 210 OR CONCURRENT, A M D 245
 OR CONCURRENT, PERMISSION OF INSTRUCTOR
 6611005 1 MWF 11:00-12:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

CPR-INTGRT TXTL DSN A M D 310 3 CREDITS
 Prereq: A M D 225; ENROLLMENT IN A M D 325;
 PERMISSION OF INSTRUCTOR
 1142005 TR 10:00-11:30
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

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 9-MAY 5

DESIGN SEMINAR A M D 328 VAR. CREDITS
 Prereq: VARIES BY TOPIC
 5692005 1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1 OFFERED FOR 3 CREDITS SPRING 2017
 Materials, field trips &/or travel fee \$95.00

DIGTL TXTLE PRINTNG A M D 329X 3 CREDITS
 Prereq: A M D 321, CREDIT OR ENROLLMENT IN
 A M D 325
 7365005 MW 11:00-12:50
 MEETS: JAN 9-MAY 5
 Note: Materials fee \$90.00

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

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, MAJORS ONLY
 4473005 1 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

CULTUR PERSPC DRESS A M D 362 3 CREDITS
 Prereq: A M D 165 OR 3 CREDITS IN ANTHR, PSYCH,
 OR SOC
 Note: COURSE RESTRICTED TO A M D, AMDP, MAJORS ONLY
 Meets international perspectives reqmt
 6622005 1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

SOURCNG&GLOBAL ISSU A M D 372 3 CREDITS
 Prereq: A M D 231, AESHM 275. RECOMMEND ECON 101
 OR ECON 102.
 Note: COURSE RESTRICTED TO A M D, AMDP
 MAJORS ONLY.
 Meets international perspectives reqmt
 8133005 1 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

HONORS SOURCNG&GLBL A M D 372H 3 CREDITS
 Note: Meets international perspectives reqmt
 6632005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

BRAND MGMT&PROMOTNS A M D 377 3 CREDITS
 Prereq: A M D 245; AESHM 340 OR MKT 340
 6626005 1A MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 6626010 1B MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 6626015 1C MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

ADV TEXTILE SCIENCE 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 MAJORS ONLY
 6613005 TR 11:00-12:50
 MEETS: JAN 9-MAY 5

CREATV DSGN PROCES A M D 426 3 CREDITS
 Prereq: A M D 301, A M D 321
 6619005 1 MWF 3:10-5:00
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

APPARL PRODUCTN MGT A M D 431 3 CREDITS
 Prereq: A M D 231, CREDIT OR CONCURRENT
 ENROLLMENT IN A M D 372. A M D 121 IS RECOMMENDED.
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6618005 1 TR 1:10-3:30
 MEETS: JAN 9-MAY 5

RETAIL INFO ANALYSI A M D 475 3 CREDITS
 Prereq: A M D 376
 Note: COURSE RESTRICTED TO A M D, AMDP
 MAJORS ONLY.
 4159005 1 MW 9:00-9:50
 T 1:10-3:00
 MEETS: JAN 9-MAY 5

MLTI-CHANNL RETAILI A M D 477 3 CREDITS
 Prereq: 3 CREDITS IN MARKETING OR AESHM 275
 OR AESHM 287
 4776005 1 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW

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

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

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

IND ST ENTREPRENEUR A M D 490E VAR. CREDITS
 Prereq: 6 CR IN A M D, 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 A M D, 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 A M D, 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 A M D, PERMISSION OF INSTRUCTOR,
 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 A M D, 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: A M D 231, A M D 245, AESHM 275
 Note: COURSE RESTRICTED TO A M D, AMDP, T C MAJORS ONLY
 4507005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

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

TXITILE COLOR THEORY A M D 504 3 CREDITS
 Prereq: A M D 204, A M D 245; ONE NATURAL SCIENCE
 COURSE (PHYSICS OF CHEMISTRY RECOMMENDED)
 6647005 TR 3:30-5:30
 MEETS: JAN 9-MAY 5

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

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST TEXTIL A M D 590B VAR. CREDITS
 Prereq: PERMISSION OF DIRECTOR OF GRADUATE
 EDUCATION, ADVISER, AND INSTRUCTOR(S)

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC AESTHETICS A M D 590D VAR. CREDITS
 Prereq: PERMISSION OF DIRECTOR OF GRADUATE
 EDUCATION, ADVISER, AND INSTRUCTOR(S)

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST COSTUM A M D 590E VAR. CREDITS
 Prereq: PERMISSION OF DIRECTOR OF EDUCATION
 EDUCATION, ADVISER, AND INSTRUCTOR(S)

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSMR BEHV A M D 590G VAR. CREDITS
 Prereq: PERMISSION OF DIRECTOR OF GRADUATE
 EDUCATION, ADVISER, AND INSTRUCTOR(S)

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MERCHANDSNG A M D 590I VAR. CREDITS
 Prereq: PERMISSION OF DIRECTOR OF GRADUATE
 EDUCATION, ADVISER, AND INSTRUCTOR(S)

 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

CREATIVE COMPONENT A M D 599 VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN A M D

 SEE DEPT FOR REFERENCE NUMBERS

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

DSIGN THEORY&PROCES A M D 625 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8165005 TR 8:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Materials fee \$35.00

MCHDSG THRY&RES APP A M D 676 3 CREDITS
 Prereq: AESHM 275 OR EQUIVALENT. A STATISTICS
 COURSE IS RECOMMENDED.
 1862005 F 1:10-4:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

INTERMED ARABIC II ARABC 202 4 CREDITS
 Prereq: ARABC 201 OR PLACEMENT BY DEPARTMENT EXAM
 Note: Meets international perspectives reqmt
 9550005 MTWR 12:10-1:00 ALAMEEN G
 MEETS: JAN 9-MAY 5

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 3:10-5:20 SENSKE N
 MW 1:10-5:20
 F 1:10-3:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 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 9-MAY 5

ARCHITECT DESIGN IV ARCH 302 6 CREDITS
 Prereq: ARCH 301 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 1682005 1 F 3:10-5:20 WHITEHEAD R
 F 1:10-3:00 WHITEHEAD R
 MW 1:10-5:20 WHITEHEAD R
 MEETS: JAN 9-MAY 5

1682010 2 F 3:10-5:20 LEWIS C
 F 1:10-3:00 LEWIS C
 MW 1:10-5:20 LEWIS C
 MEETS: JAN 9-MAY 5

1682015 3 F 3:10-5:20 JI J
 F 1:10-3:00 JI J
 MW 1:10-5:20 JI J
 MEETS: JAN 9-MAY 5

1682020 4 F 3:10-5:20 SANTOYO-OROZCO I
 F 1:10-3:00 SANTOYO-OROZCO I
 MW 1:10-5:20 SANTOYO-OROZCO I
 MEETS: JAN 9-MAY 5

1682025 5 F 3:10-5:20 FOREHAND L
 F 1:10-3:00 FOREHAND L
 MW 1:10-5:20 FOREHAND L
 MEETS: JAN 9-MAY 5

ARCHITECT DESIGN IV ARCH 302H 6- 7 CREDITS
 Prereq: ARCH 301 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 8206005 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20, ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

COMPUTER APPLICATNS ARCH 334 3 CREDITS
 1685005 TR 12:40-2:00 CHAN C
 MEETS: JAN 9-MAY 5

ARCHITECTURE (CONTINUED)

THREE-DIMENS STUDIO ARCH 335 3 CREDITS
 Note: TOPIC: 3D AESTHETIC INVENTION, ORGANIZATION & EXPRESSION
 1686005 TR 12:40-2:50 SHAO P
 ARRANGED
 MEETS: JAN 9-MAY 5

THREE-DIMENS STUDIO ARCH 335H 3- 4 CREDITS
 Note: Instructor permission required.
 9261005 TR 12:40-2:50 SHAO P
 ARRANGED
 MEETS: JAN 9-MAY 5

BLDG SCI &TECHNL 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 9-MAY 5

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

HUM BEHAV&ENVIR THY ARCH 371 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 9-MAY 5

TOPICS AMERICN 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 9:30-10:50 CARDINAL-PETT C
 MEETS: JAN 9-MAY 5

TOP 20TH CENTU ARCH ARCH 425 3 CREDITS
 Note: NO MORE THAN 6 CREDITS OF ARCH 425 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 TOPIC: 20TH CENTURY ARCHITECTS AND ARCHITECTURE
 1699005 T 6:10-9:00PM NAEGELE D
 MEETS: JAN 9-MAY 5

ANALYTICAL DRAWING ARCH 431 3 CREDITS
 Prereq: ARCH 230 AND ARCH 302
 Note: TOPIC: FREEHAND DRAWING: PERCEPTION, CONCEPTUALIZATION & ACTUALIZATION
 2154005 TR 8:00-10:50 SHAO P
 MEETS: JAN 9-MAY 5

FILE TO FABRICATION ARCH 433 3 CREDITS
 Prereq: ARCH 230 AND ARCH 301
 3852005 MW 10:00-11:20 DOYLE S
 MEETS: JAN 9-MAY 5

ADVNCNCD DESIGN MEDIA ARCH 436 3 CREDITS
 Prereq: ARCH 230
 Note: TOPIC: DIGITAL DESIGN MORPHOLOGY
 1704005 1 TR 12:40-2:00 FOREHAND L
 MEETS: JAN 9-MAY 5

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

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

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

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

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

INDEP 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

ARCHITECTURE (CONTINUED)

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
 F 1:10-2:40
 MEETS: JAN 9-MAY 5

BIG&TALL:CONST HIST ARCH 517 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9838005 1A TR 3:40-5:00 LESLIE T
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TOM ARCH, ARC MAJORS ONLY
 9838010 1B TR 3:40-5:00 LESLIE T
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN ARCH, ARC

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 2016.
 1731005 1 R 9:00-11:50 MUECKE M
 MEETS: JAN 9-MAY 5
 1731010 2 R 8:00-10:50 SQUIRE M
 MEETS: JAN 9-MAY 5
 1731015 3 MW 10:00-11:20 SENSKE N
 MEETS: JAN 9-MAY 5
 1731020 4 R 6:10-9:00PM WOHL S
 MEETS: JAN 9-MAY 5
 1731025 5 W 9:00-11:50
 MEETS: JAN 9-MAY 5

TOPCL STDI CMMUNCAT ARCH 528C 2- 3 CREDITS
 Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING
 1326005 1 F 9:00-11:50 ERDIM F
 MEETS: JAN 9-MAY 5
 1326010 2 T 9:00-11:50 GOCHE P
 MEETS: JAN 9-MAY 5
 1326015 3 MW 6:00-7:30PM LEWIS C
 MEETS: JAN 9-MAY 5
 Note: Materials fee \$25.00

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 9-MAY 5

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 1 TR 12:40-2:00
 TR 2:10-4:10
 MEETS: JAN 9-MAY 5

CONTEM URB DSN THRY ARCH 575 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 Note: TOPIC: SCALES OF URBAN DESIGN
 1752005 1 R 3:40-6:30PM ADAMS R
 MEETS: JAN 9-MAY 5

SPECIAL TOPICS ARCH 590 1- 5 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON APPROVED FORM
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMNBUILT ENVIR II ARCH 596 5 CREDITS
 Prereq: ARCH 505, ARCH 541, ARCH 595 AND CONCURRENT ENROLLMENT IN ARCH 506 AND ARCH 542
 7926005 T 9:30-11:50
 R 9:30-10:50
 MEETS: JAN 9-MAY 5

SEMNBUILT ENVIR IV ARCH 598 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 1721005 1 R 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 1721010 2 R 9:00-11:50
 MEETS: JAN 9-MAY 5
 1721015 3 R 6:10-9:00PM
 MEETS: JAN 9-MAY 5

SCI&TECH FOR ARC IV ARCH 644 3 CREDITS
 Prereq: ARCH 643 OR GRADUATE CLASSIFICATION
 1746005 1 TR 2:10-3:00
 F 10:00-11:50
 MEETS: JAN 9-MAY 5

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

ARCHITECTURE

(CONTINUED)

GRADUATE SEMINAR ARCH 698 R CREDIT
 Prereq: ADMISSION TO THE M. ARCH. OR M. S. IN
 ARCH. PROGRAMS
 1749005 1 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

RESEARCH ARCH 699 3- 9 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART EDUCATION

METHDS TEACHING ART ARTED 209 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 7797005 A TR 3:10-5:00 QUINTERO S
 MEETS: JAN 9-MAY 5
 7797010 B TR 5:10-7:00PM QUINTERO S
 MEETS: JAN 9-MAY 5
 7797015 C TR 1:10-3:00 QUINTERO S
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 1773010 A2 MW 2:10-5:00 CALDWELL B
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO ECE, EL ED MAJORS
 ONLY
 1773015 B1 TR 9:30-12:20 CALDWELL B
 MEETS: JAN 9-MAY 5
 1773020 B2 TR 9:30-12:20 CALDWELL B
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO ECE, EL ED MAJORS
 ONLY

ART HISTORY

HISTORY OF ART II ART H 281 3 CREDITS
 Note: Meets international perspectives reqmt
 1791005 TR 11:00-12:20 GODBEY E
 MEETS: JAN 9-MAY 5

INTR VISU CULTR STU ART H 292 3 CREDITS
 Note: Meets U.S. diversity reqmt
 1764005 ARRANGED CUNNALLY J
 MEETS: JAN 9-MAY 5
 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 9-MAY 5

HISTORY OF COMICS ART H 489 3 CREDITS
 3875005 MWF 9:00-9:50 CUNNALLY J
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY ART H 490 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON REQUIRED FORM BEFORE THE SEMESTER
 OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ART H 490H 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON REQUIRED FORM BEFORE THE SEMESTER
 OF ENROLLMENT
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS
 STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSEUM/GLLRY INTERN ART H 497 1- 6 CREDITS
 Prereq: ADVANCED CLASSIFICATION IN A DEPT
 CURRICULUM
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOPICS IN ART HIST ART H 498 3 CREDITS
 1738005 TR 3:40-5:00 CUNNALLY J
 MEETS: JAN 9-MAY 5

MUSEUM/GLLRY INTERN ART H 586 1- 6 CREDITS
 Prereq: GRAD CLASSIFICATION AND PERMISSION
 OF INSTRUCTOR. WRITTEN APPROVAL IN ADVANCE OF
 SEMESTER OF ENROLLMENT.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS ART H 590 VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART HISTORY

(CONTINUED)

GREEN ART:EARTHWS& ART H 597 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 9635005 A TR 12:40-2:00
 MEETS: JAN 9-MAY 5

TOPICS IN ART HIST ART H 598 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 Note: COURSE TOPIC: ART WORLD AFTER 1989
 COURSE RESTRICTED TO GRADUIATE STUDENTS ONLY
 1792005 A TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 1792010 B R 6:10-8:40PM
 MEETS: JAN 9-MAY 5

ASTRONOMY & ASTROPHYSICS

NORTH STAR ASTRONOMY ASTRO 102 1 CREDIT
 Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
 8059600 XW ARRANGED WEINSTEIN A
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 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
 8260600 XW ARRANGED WEINSTEIN A
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

EARTH&SPC FOR EL ED ASTRO 106 2 CREDITS
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED
 8505005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW

EARTH&SPACE SCI LAB ASTRO 106L 1 CREDIT
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD
 EDUCATION; CONCURRENT ENROLLMENT IN 106
 8584005 1 M 2:10-4:00
 MEETS: JAN 9-MAY 5
 8584010 2 M 12:10-2:00
 MEETS: JAN 9-MAY 5
 8584015 3 M 10:00-11:50
 MEETS: JAN 9-MAY 5
 8584020 4 M 5:10-7:00PM
 MEETS: JAN 9-MAY 5

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.
 1951005 1 F 8:00-8:50
 MEETS: JAN 9-MAY 5
 1951010 2 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 1951015 3 F 10:00-10:50
 MEETS: JAN 9-MAY 5
 1951020 4 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 1951025 5 F 12:10-1:00
 MEETS: JAN 9-MAY 5
 1951030 6 F 1:10-2:00
 MEETS: JAN 9-MAY 5
 1951035 7 F 2:10-3:00
 MEETS: JAN 9-MAY 5
 1951040 8 F 3:10-4:00
 MEETS: JAN 9-MAY 5
 1951045 9 R 4:10-5:00
 MEETS: JAN 9-MAY 5
 1951050 10 M 8:00-8:50
 MEETS: JAN 9-MAY 5
 1951055 11 M 9:00-9:50
 MEETS: JAN 9-MAY 5
 1951060 12 M 10:00-10:50
 MEETS: JAN 9-MAY 5
 1951065 13 M 11:00-11:50
 MEETS: JAN 9-MAY 5
 1951070 14 M 12:10-1:00
 MEETS: JAN 9-MAY 5
 1951075 15 M 1:10-2:00
 MEETS: JAN 9-MAY 5
 1951080 16 M 2:10-3:00
 MEETS: JAN 9-MAY 5
 1951085 17 M 3:10-4:00
 MEETS: JAN 9-MAY 5
 1951120 Z TR 11:00-11:50
 MEETS: JAN 9-MAY 5

ASTRONOMY & ASTROPHYSICS (CONTINUED)

STARS,GALAXIES&COSM ASTRO 150 3 CREDITS
 1952005 1 TR 1:10-2:00
 W 9:00-9:50
 MEETS: JAN 9-MAY 5
 1952010 2 TR 1:10-2:00
 W 10:00-10:50
 MEETS: JAN 9-MAY 5
 1952015 3 TR 1:10-2:00
 W 11:00-11:50
 MEETS: JAN 9-MAY 5
 1952020 4 TR 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 9-MAY 5
 1952025 5 TR 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 9-MAY 5
 ASTRONOMY BIZARRE ASTRO 250 3 CREDITS
 Prereq: 120 OR 150
 4569005 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 ASTROPHYSIC COSMOLGY ASTRO 405 3 CREDITS
 Prereq: 346 OR PERMISSION OF INSTRUCTOR
 8791005 1 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 O'MARA D
 W 8:00-9:50 O'MARA D
 MEETS: JAN 9-MAY 5
 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 O'MARA D
 R 8:00-9:50 DRENTH J
 MEETS: JAN 9-MAY 5
 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 O'MARA D
 T 8:00-9:50 DRENTH J
 MEETS: JAN 9-MAY 5
 Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH,
 KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY

ATHLETIC TRAINING (CONTINUED)

PRE-ATH TRAIN PRACT A TR 221 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN A TR 222
 Note: COURSE RESTRICTED TO KIN, P ATR MAJORS
 Satisfactory-Fail Only.
 6654005 1 T 11:00-11:50 MEIER M
 ARRANGED MEIER M
 MEETS: JAN 9-MAY 5
 6654010 2 R 11:00-11:50 MEIER M
 ARRANGED MEIER M
 MEETS: JAN 9-MAY 5
 6654015 3 T 11:00-11:50 DRENTH J
 ARRANGED DRENTH J
 MEETS: JAN 9-MAY 5
 BASIC ATHLETIC TRNG A TR 222 3 CREDITS
 Prereq: BIOL 255, 255L
 Note: COURSE RESTRICTED TO KIN, P ATR MAJORS
 7917005 1 TR 9:30-10:50 MEIER M
 MEETS: JAN 9-MAY 5
 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 MWF 9:00-10:50 PEEL S
 MEETS: JAN 9-MAY 5
 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 PEEL S
 MEETS: JAN 9-MAY 5
 INTRO TAPE,EQP,BRAC A TR 240 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Note: COURSE RESTRICTED TO A TR MAJORS ONLY
 Satisfactory-Fail Only.
 2583005 1 MW 10:00-11:50 POSTMA N
 MEETS: JAN 9-MAY 5
 REHAB ATHLETIC INJUR A TR 326 3 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Note: COURSE RESTRICTED TO A TR MAJORS ONLY
 2639005 1 MWF 8:00-8:50 COBERLEY M
 MEETS: JAN 9-MAY 5
 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 COBERLEY M
 MEETS: JAN 9-MAY 5
 EVID-BASED PRACTICE A TR 488 2 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Satisfactory-Fail Only.
 5775005 1 ARRANGED MILLER V
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO A TR MAJORS ONLY
 Course delivery is WWW
 ATHL TRAIN COMPETNC A TR 489 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR,
 SENIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO A TR MAJORS ONLY
 Satisfactory-Fail Only.
 3220005 ARRANGED WEESNER T
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5

ATHLETICS

(CONTINUED)

INTERCOLL 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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

INTRO BIOCHEM LAB BBMB 102 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN CHEM 177 AND CHEM 177L OR CHEM 201 AND CHEM 201L
 Note: ENROLLMENT IN THIS COURSE WILL CAUSE A TIME CONFLICT MESSAGE. IGNORE CONFLICTS BUILT INTO THE SECTION MEETING TIME. LECTURE & LAB MEET OPPOSITE WEEKS.
 1997005 A F 2:10-3:00 CHEN B
 F 1:10-3:00 CHEN B
 MEETS: JAN 9-MAY 5
 1997010 B F 2:10-3:00 CHEN B
 F 2:10-4:00 CHEN B
 MEETS: JAN 9-MAY 5

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

(CONTINUED)

INTRO BIOCHEM LAB BBMB 102 1 CREDIT
 1997015 C T 10:00-10:50 CHEN B
 T 10:00-11:50 CHEN B
 MEETS: JAN 9-MAY 5
 1997020 D T 10:00-10:50 CHEN B
 T 9:00-10:50 CHEN B
 MEETS: JAN 9-MAY 5

MEDICINES AND DRUGS BBMB 121X 2 CREDITS
 9900005 MW 4:10-5:00
 MEETS: JAN 9-MAY 5

CHEM PRIN IN BIO SY BBMB 201 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 332
 2053005 TR 11:00-11:50 ANDREOTTI A
 MEETS: JAN 9-MAY 5

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 TR 2:10-3:40 NIKOLAU B
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 1999600 XW ARRANGED THORNBURG R
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

BIOCHEMISTRY PRINCIP BBMB 316 3 CREDITS
 Prereq: CHEM 231 OR CHEM 331; BIOL 212.
 BIOL 313 AND BIOL 314 STRONGLY RECOMMENDED.
 Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 316 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR
 9022005 ARRANGED AMBROSIO L
 MEETS: JAN 9-MAY 5
 Note: THIS SEC IS RESTRICTED TO ON-CAMPUS STUDENTS ONLY
 Course delivery is WWW
 9022600 XW ARRANGED AMBROSIO L
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.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 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.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 9-MAY 5
 2003600 XW ARRANGED BEITZ D
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

MAMMALIAN BIOCHEM BBMB 420 3 CREDITS
 Prereq: CHEM 332, 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 BEITZ D
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

PROCARYO DIVERS&ECO BBMB 430 3 CREDITS
 Prereq: MICRO 302, MICRO 302L
 2085005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

MOLEculR BIOPHYSICS BBMB 461 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 166 AND
 CHEM 178 AND PHYS 222 OR PHYS 112
 2007005 TR 11:00-11:50 HONZATKO R
 MEETS: JAN 9-MAY 5

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

BIOENERGETCS &METAB BBMB 505 2 CREDITS
 Prereq: CHEM 211, CHEM 332. A COURSE IN
 BIOCHEMISTRY IS STRONGLY RECOMMENDED.
 4890600 XW ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmpt reqmt: [http://www.agonline.iastate.edu
 /resources/computer-requirements](http://www.agonline.iastate.edu/resources/computer-requirements)

MEMBRANE BIOCHMSTRY BBMB 506 2 CREDITS
 Prereq: CHEM 332 OR EQUIVALENT
 4203010 2 MTRF 1:10-2:00 UNDERBAKKE E
 MEETS: JAN 9-MARCH 3
 4203600 XW ARRANGED UNDERBAKKE E
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmpt reqmt: [http://www.agonline.iastate.edu
 /resources/computer-requirements](http://www.agonline.iastate.edu/resources/computer-requirements)

BIOCHM NUCLEIC ACID BBMB 507 2 CREDITS
 Prereq: CHEM 332 OR EQUIVALENT
 5083010 2 MTRF 1:10-2:00 NELSON S
 MEETS: MARCH 6-MAY 5
 5083600 XW ARRANGED NELSON S
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmpt reqmt: [http://www.agonline.iastate.edu
 /resources/computer-requirements](http://www.agonline.iastate.edu/resources/computer-requirements)

PRIN GLYCOBIOLOGY BBMB 512X 2 CREDITS
 Prereq: 3 CREDITS IN ORGANIC CHEMISTRY
 3240005 TR 3:10-4:00
 MEETS: JAN 9-MAY 5

PROCARYOT DIVRS&ECO BBMB 530 3 CREDITS
 Prereq: MICRO 302, 302L
 6979005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

ENZYM KINTCS & MECH BBMB 532X 2 CREDITS
 Prereq: BBMB 504
 8997005 MW 3:10-4:00
 MEETS: JAN 9-MAY 5

INTRO DNA TECHNIQS BBMB 542A 1 CREDIT
 Satisfactory-Fail Only.
 7099005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 10-FEB 9

INTR PROTEIN TECHNQ BBMB 542B 1 CREDIT
 Satisfactory-Fail Only.
 6816005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: FEB 14-MARCH 23

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

INTRO CELL TECHNIQS BBMB 542C 1 CREDIT
 Satisfactory-Fail Only.
 7101005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 28-APRIL 27

MOLEculR BIOPHYSICS BBMB 561 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 324 & CHEM
 325
 1768005 TR 11:00-11:50 HONZATKO R
 MEETS: JAN 9-MAY 5

MOLEcul BIOPHYS LAB BBMB 561L 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN BBMB 461/561
 1796005 1 T 7:10-8:00PM HONZATKO R
 W 9:00-11:50 HONZATKO R
 MEETS: JAN 9-MAY 5

1796010 2 T 7:10-8:00PM HONZATKO R
 W 11:00-2:00 HONZATKO R
 MEETS: JAN 9-MAY 5

1796015 3 T 7:10-8:00PM HONZATKO R
 W 3:10-6:00PM HONZATKO R
 MEETS: JAN 9-MAY 5

1796020 4 T 7:10-8:00PM HONZATKO R
 W 1:10-4:00 HONZATKO R
 MEETS: JAN 9-MAY 5

1796025 5 T 7:10-8:00PM HONZATKO R
 W 5:10-8:00PM HONZATKO R
 MEETS: JAN 9-MAY 5

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 MACINTOSH G
 MEETS: APRIL 6
 Note: Department permission required.

BIOCH EUARYOT GENE BBMB 676 2 CREDITS
 Prereq: BBMB 404 OR BBMB 501, BBMB 405 OR
 BBMB 502 OR GDCE 511
 1848005 TR 2:10-3:00
 MEETS: JAN 9-MAY 5

ADVANCED SEMINAR BBMB 681 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2034005 T 4:10-6:00PM JOHANSEN K
 MEETS: JAN 9-MAY 5

DEPARTMENT SEMINAR BBMB 682 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2035005 R 4:10-6:00PM THORNBURG R
 MEETS: JAN 9-MAY 5

RESEARCH SEMINAR BBMB 696 1 CREDIT
 Satisfactory-Fail Only.
 8831005 W 4:10-5:30
 MEETS: JAN 9-MAY 5

SEM N MOLEC,C,DV BIO BBMB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2016.
 2037005 M 3:10-5:00
 MEETS: JAN 9-MAY 5

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

BIOINFORMATICS&COMPUTATIONAL BIOL-UG

FUND BI&COMP BIO II BC BIO 402 3 CREDITS
 Prereq: BC BIO 401
 4622005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY BC BIO 490 1- 5 CREDITS
 Prereq: BC BIO 211, JUNIOR OR SENIOR CLASSIFICATN,
 PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE
 THAN 9 CREDITS OF BC BIO 490 OR 491 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEAM RESRCH PROJCTS BC BIO 491 1- 5 CREDITS
 Prereq: BC BIO 211, JUNIOR OR SENIOR CLASSIF,
 PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE
 THAN 9 CREDITS OF BC BIO 490 AND 491 TOWARD GRADUATION
 4721001 ARRANGED
 MEETS: JAN 9-MAY 5

BIOINFORMATICS AND COMPUTATIONAL BIOL

BIOLOGY

(CONTINUED)

INDEPENDENT STUDY BCB 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

ADV GENOME INFORMTC BCB 568 3 CREDITS
 Prereq: BCB 567, OR BIOL 315 AND STAT 430;
 CREDIT OR ENROLLMENT IN GEN 409
 2081005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

COMP FUNC GENOM&BIO BCB 570 3 CREDITS
 Prereq: BCB 567 OR COM S 311, COM S 228,
 GEN 409, STAT 430
 2125005 1 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN BCB 598 R CREDIT
 Prereq: PERMISSION OF THE PROGRAM CHAIR
 1828005 ARRANGED
 MEETS: JAN 9-MAY 5

TOPC BIOINF&CMP BIO BCB 660 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2017
 1830005 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

STUDT SEMINR BIOINF BCB 690 1 CREDIT
 7830005 W 4:10-5:00
 MEETS: JAN 9-MAY 5

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS
 7827005 ARRANGED
 MEETS: JAN 9-MAY 5

RESEARCH BCB 699 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

BIOLOGICAL/PRE-MEDICAL ILLUSTRATION

ILLUSTRATN&I SOFTWR BPM I 326 3 CREDITS
 Prereq: ARTIS 323
 Note: Instructor permission required 1st week.
 1857005 A MW 6:10-9:00PM DORN J
 MEETS: JAN 9-MAY 5

APP SCI ILLUST TCNQ BPM I 337 3 CREDITS
 Prereq: ARTIS 327
 9105005 TR 2:10-5:00
 MEETS: JAN 9-MAY 5
 9105010 2 TR 11:00-1:50
 MEETS: JAN 9-MAY 5

FIELD ILLUSTRATION BPM I 395 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 2 CREDIT SPRING 2016.
 7996005 ARRANGED
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY BPM I 490 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR & ADVISORY COMM
 CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLMT

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY

INTRODUCTORY BIOL BIOL 101 3 CREDITS
 Note: CREDIT IN BIOL 101 MAY NOT BE APPLIED
 TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
 2064005 1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 2064010 2 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 2064600 XV ARRANGED PLEASANTS J
 MEETS: MARCH 6-MAY 5
 Note: Section XV is off campus
 Course delivery is WWW
 2064605 XW ARRANGED PLEASANTS J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

OPPORTUNITI IN BIOL BIOL 111 .5 CREDIT
 Satisfactory-Fail Only.
 7407005 T 4:10-5:00
 MEETS: JAN 9-MAY 5

ORIENT TRANSFR STDT BIOL 112 R CREDIT
 Satisfactory-Fail Only.
 8242005 W 5:30-6:30PM
 ARRANGED
 MEETS: JAN 9-MARCH 3

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 9-MAY 5
 7079600 XW ARRANGED BASTAWROS H
 MEETS: JAN 9-MAY 5
 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
 2015600 XW ARRANGED PLEASANTS J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

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 6-MAY 5

PRIN OF BIOLOGY I BIOL 211 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY
 9468005 1 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 9468010 2 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 9468015 3 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 211
 9470005 1 T 9:00-11:50
 MEETS: JAN 9-MAY 5
 9470010 2 T 12:10-3:00
 MEETS: JAN 9-MAY 5
 9470015 3 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 9470020 4 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 9470025 5 W 9:00-11:50
 MEETS: JAN 9-MAY 5
 9470030 6 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 9470035 7 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 9470040 8 W 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 9470045 9 R 9:00-11:50
 MEETS: JAN 9-MAY 5
 9470050 10 R 12:10-3:00
 MEETS: JAN 9-MAY 5
 9470055 11 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 9470060 12 R 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 9470065 13 T 9:00-11:50
 MEETS: JAN 9-MAY 5
 9470070 14 T 12:10-3:00
 MEETS: JAN 9-MAY 5
 9470075 15 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 9470080 16 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 9470085 17 W 9:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC 17 RESTRICTED TO GEN, GEN S MAJORS ONLY
 9470090 18 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC 18 RESTRICTED TO GEN, GEN S MAJORS ONLY
 9470095 19 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 9470100 20 W 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 9470105 21 R 9:00-11:50
 MEETS: JAN 9-MAY 5
 9470110 22 R 12:10-3:00
 MEETS: JAN 9-MAY 5
 9470115 23 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 9470120 24 R 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 9470125 25 M 12:10-3:00
 MEETS: JAN 9-MAY 5
 9470130 26 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 9470135 27 M 12:10-3:00
 MEETS: JAN 9-MAY 5
 9470140 28 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5

BIOLOGY

(CONTINUED)

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT
 9470145 29 M 9:00-12:00
 MEETS: JAN 9-MAY 5

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 HOWELL S
 MEETS: JAN 9-MAY 5

9469010 2 TR 12:40-2:00 MANZ C
 MEETS: JAN 9-MAY 5

9469015 3 TR 12:40-2:00 MANZ C
 MEETS: JAN 9-MAY 5

Note: SEC 3 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
 9469020 4 TR 2:10-3:30 KUKDAY S
 MEETS: JAN 9-MAY 5

9469600 XW ARRANGED KUKDAY S
 MEETS: JAN 9-MAY 5

Note: Section XW is off campus
 Course delivery is WWW

PRIN BIOLOGY LAB II BIOL 212L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 212

9471005 1 M 7:00-9:50
 MEETS: JAN 9-MAY 5

9471010 2 M 10:00-12:50
 MEETS: JAN 9-MAY 5

9471015 3 M 1:10-4:00
 MEETS: JAN 9-MAY 5

9471020 4 M 4:10-7:00PM
 MEETS: JAN 9-MAY 5

9471025 5 M 7:10-10:00PM
 MEETS: JAN 9-MAY 5

9471030 6 T 7:00-9:50
 MEETS: JAN 9-MAY 5

9471035 7 T 10:00-12:50
 MEETS: JAN 9-MAY 5

9471040 8 T 1:10-4:00
 MEETS: JAN 9-MAY 5

9471045 9 T 4:10-7:00PM
 MEETS: JAN 9-MAY 5

9471050 10 T 7:10-10:00PM
 MEETS: JAN 9-MAY 5

9471055 11 W 7:00-9:50
 MEETS: JAN 9-MAY 5

9471060 12 W 10:00-12:50
 MEETS: JAN 9-MAY 5

9471065 13 W 1:10-4:00
 MEETS: JAN 9-MAY 5

9471070 14 W 4:10-7:00PM
 MEETS: JAN 9-MAY 5

9471075 15 W 7:10-10:00PM
 MEETS: JAN 9-MAY 5

9471080 16 R 7:00-9:50
 MEETS: JAN 9-MAY 5

9471085 17 R 10:00-12:50
 MEETS: JAN 9-MAY 5

9471090 18 R 1:10-4:00
 MEETS: JAN 9-MAY 5

9471095 19 R 4:10-7:00PM
 MEETS: JAN 9-MAY 5

9471100 20 R 7:10-10:00PM
 MEETS: JAN 9-MAY 5

9471105 21 M 7:00-9:50
 MEETS: JAN 9-MAY 5

9471110 22 M 10:00-12:50
 MEETS: JAN 9-MAY 5

9471115 23 M 1:10-4:00
 MEETS: JAN 9-MAY 5

9471120 24 M 4:10-7:00PM
 MEETS: JAN 9-MAY 5

9471125 25 M 7:10-10:00PM
 MEETS: JAN 9-MAY 5

9471130 26 T 7:00-9:50
 MEETS: JAN 9-MAY 5

9471135 27 T 10:00-12:50
 MEETS: JAN 9-MAY 5

9471140 28 T 1:10-4:00
 MEETS: JAN 9-MAY 5

9471145 29 T 4:10-7:00PM
 MEETS: JAN 9-MAY 5

9471150 30 T 7:10-10:00PM
 MEETS: JAN 9-MAY 5

9471155 31 W 7:00-9:50
 MEETS: JAN 9-MAY 5

9471160 32 W 10:00-12:50
 MEETS: JAN 9-MAY 5

9471165 33 W 1:10-4:00
 MEETS: JAN 9-MAY 5

9471170 34 W 4:10-7:00PM
 MEETS: JAN 9-MAY 5

9471175 35 W 7:10-10:00PM
 MEETS: JAN 9-MAY 5

9471180 36 R 7:00-9:50
 MEETS: JAN 9-MAY 5

9471185 37 R 10:00-12:50
 MEETS: JAN 9-MAY 5

9471190 38 R 1:10-4:00
 MEETS: JAN 9-MAY 5

9471195 39 R 4:10-7:00PM
 MEETS: JAN 9-MAY 5

9471200 40 R 7:10-10:00PM
 MEETS: JAN 9-MAY 5

BIOLOGY

(CONTINUED)

BIOL PROC IN ENVIRN BIOL 251 3 CREDITS
 1753005 1A TR 12:40-1:55 WILSEY B
 MEETS: JAN 9-MAY 5

Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
 1753010 1B TR 12:40-1:55 WILSEY B
 MEETS: JAN 9-MAY 5

1753015 1C TR 12:40-1:55 WILSEY B
 MEETS: JAN 9-MAY 5

Note: SEC 1C RESTRICTED TO A E, B S E MAJORS

FUND HUMAN PHYSIOL BIOL 256 3 CREDITS
 Prereq: H.S. BIOLOGY AND CHEMISTRY, OR BIOL 101,
 OR BIOL 255 (RECOMMENDED)

Note: CREDIT IN BIOL 256 MAY NOT BE APPLIED
 TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS

6408005 1 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5

6408010 2 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

6408600 XW ARRANGED HAEN K
 MEETS: JAN 9-MAY 5

Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

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 9-MAY 5

6419010 2 T 9:00-11:50
 MEETS: JAN 9-MAY 5

6419015 3 T 9:00-11:50
 MEETS: JAN 9-MAY 5

6419020 4 T 12:10-3:00
 MEETS: JAN 9-MAY 5

6419025 5 T 12:10-3:00
 MEETS: JAN 9-MAY 5

6419030 6 T 12:10-3:00
 MEETS: JAN 9-MAY 5

6419035 7 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5

6419040 8 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5

6419045 9 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5

6419050 10 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5

6419055 11 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5

6419060 12 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5

6419065 13 W 9:00-11:50
 MEETS: JAN 9-MAY 5

6419070 14 W 9:00-11:50
 MEETS: JAN 9-MAY 5

6419075 15 W 9:00-11:50
 MEETS: JAN 9-MAY 5

6419080 16 W 12:10-3:00
 MEETS: JAN 9-MAY 5

6419085 17 W 12:10-3:00
 MEETS: JAN 9-MAY 5

6419090 18 W 12:10-3:00
 MEETS: JAN 9-MAY 5

6419095 19 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

6419100 20 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

6419105 21 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

6419110 22 W 6:10-9:00PM
 MEETS: JAN 9-MAY 5

6419125 25 R 9:00-11:50
 MEETS: JAN 9-MAY 5

6419130 26 R 9:00-11:50
 MEETS: JAN 9-MAY 5

6419135 27 R 12:10-3:00
 MEETS: JAN 9-MAY 5

6419140 28 R 12:10-3:00
 MEETS: JAN 9-MAY 5

6419145 29 R 12:10-3:00
 MEETS: JAN 9-MAY 5

6419150 30 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5

6419155 31 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5

6419160 32 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5

BIOLOGY

(CONTINUED)

BIOLOGY

(CONTINUED)

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

PRIN MOLEC CELL BIO BIOL 314 3 CREDITS
 Prereq: BIOL 212
 9474005 1 MWF 2:10-3:00 MEETS: JAN 9-MAY 5

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 9-MAY 5 NASON J

METAB PHYSIOL MAMML BIOL 334 3 CREDITS
 Prereq: BIOL 211, BIOL 212
 Note: CREDIT FOR EITHER BIOL 335 OR BIOL 306/334, BUT NOT BOTH MAY BE APPLIED TOWARD GRADUATION
 8911005 MWF 9:00-9:50 MEETS: JAN 9-MAY 5 POLICH R

HUMAN REPRODUCTION BIOL 344 3 CREDITS
 Prereq: BIOL 212
 7084005 TR 12:40-1:55 MEETS: JAN 9-MAY 5

GENOME PRSPCTV BIOL BIOL 349 3 CREDITS
 Prereq: GEN 313 OR GEN 320
 9692005 T 3:40-5:30 R 3:40-5:30 MEETS: JAN 9-MAY 5

COMPA CHORDATE ANAT BIOL 351 5 CREDITS
 Prereq: BIOL 212, JUNIOR CLASSIFICATION

7090005 1 TR 9:30-10:50 MEETS: JAN 9-MAY 5 PLEASANTS B SPALDING B
 MW 12:10-2:00
 7090010 2 TR 9:30-10:50 MEETS: JAN 9-MAY 5 PLEASANTS B SPALDING B
 TR 12:10-2:00
 7090015 3 TR 9:30-10:50 MEETS: JAN 9-MAY 5 PLEASANTS B SPALDING B
 MW 2:10-4:00
 7090020 4 TR 9:30-10:50 MEETS: JAN 9-MAY 5 PLEASANTS B SPALDING B
 MW 4:10-6:00PM

VERTEBRAT HISTOLOGY BIOL 352 4 CREDITS
 Prereq: BIOL 212
 7091005 1 MWF 10:00-10:50 MEETS: JAN 9-MAY 5
 T 9:00-11:50
 Note: Materials fee \$78.00
 7091010 2 MWF 10:00-10:50 MEETS: JAN 9-MAY 5
 R 9:00-11:50
 Note: Materials fee \$78.00

INTRO PARASITOLOGY BIOL 353 3 CREDITS
 Prereq: BIOL 212
 7088005 TR 9:30-10:50 MEETS: JAN 9-MAY 5 JONES D

PLANTS & PEOPLE BIOL 355 3 CREDITS
 Prereq: BIOL 211, BIOL 211L
 2082005 MWF 1:10-2:00 MEETS: JAN 9-MAY 5 WALLACE R

PLANT SYSTEMATICS BIOL 366 4 CREDITS
 Prereq: BIOL 211
 2084010 1 TR 12:40-2:00 MEETS: JAN 9-MAY 5 PIATSCHECK F
 T 2:10-5:00
 2084015 2 TR 12:40-2:00 MEETS: JAN 9-MAY 5 PIATSCHECK F
 W 12:10-3:00
 2084020 3 TR 12:40-2:00 MEETS: JAN 9-MAY 5 PIATSCHECK F
 W 3:10-6:00PM
 2084025 4 TR 12:40-2:00 MEETS: JAN 9-MAY 5 PIATSCHECK F
 R 9:00-11:50
 MEETS: JAN 9-MAY 5

ECO&ENVIRON SCI GIS BIOL 370 1- 6 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL SCIENCES; PERMISSION OF INSTRUCTOR
 Note: Instructor permission required. Satisfactory-Fail Only.
 9445005 ARRANGED MEETS: JAN 9-MAY 5 LU C

ANALYS ENVIRON SYST BIOL 382 3 CREDITS
 Prereq: ENSCI 381
 4805005 1A T 12:40-1:55 MEETS: JAN 9-MAY 5 CRUMPTON W
 W 12:10-3:00
 4805010 1B T 12:40-1:55 MEETS: JAN 9-MAY 5 CRUMPTON W
 W 12:10-3:00
 4805015 2A T 12:40-1:55 MEETS: JAN 9-MAY 5 CRUMPTON W
 W 3:10-6:00PM
 4805020 2B T 12:40-1:55 MEETS: JAN 9-MAY 5 CRUMPTON W
 W 3:10-6:00PM
 4805025 3A T 12:40-1:55 MEETS: JAN 9-MAY 5 CRUMPTON W
 R 12:10-3:00
 4805030 3B T 12:40-1:55 MEETS: JAN 9-MAY 5 CRUMPTON W
 R 12:10-3:00
 4805035 4A T 12:40-1:55 MEETS: JAN 9-MAY 5 CRUMPTON W
 R 3:10-6:00PM
 4805040 4B T 12:40-1:55 MEETS: JAN 9-MAY 5 CRUMPTON W
 R 3:10-6:00PM

PRE-FLD TRIP SEMINR BIOL 393A 1 CREDIT
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 1918005 1 ARRANGED MEETS: JAN 9-MAY 5
 Note: SECT 1 PREP TRAVEL TO BOUNDRY WATERS SPRING 2015
 Instructor permission required.

N AMERIC FIELD TRIP BIOL 393B 1- 3 CREDITS
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 1921005 ARRANGED MEETS: JAN 9-MAY 5
 Note: OPEN SECTION TRAVEL TO BOUNDRY WATERS SPRING 2016
 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 9-MAY 5
 Note: Department permission required.

INTERNAT FIELD TRIP BIOL 394B 1- 3 CREDITS
 Prereq: TWO COURSES IN THE BIOLOGICAL SCIENCES AND BY APPROVAL OF APPLICATION
 Note: Meets international perspectives reqmt
 3223005 ARRANGED MEETS: JAN 9-MAY 5
 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 MEETS: JAN 9-MAY 5 HAYNES J

DEVELOPMENTAL BIOL BIOL 423 3 CREDITS
 Prereq: BIOL 313
 7103005 1 MWF 1:10-2:00 MEETS: JAN 9-MAY 5

DEVELOPMTL BIOL LAB BIOL 423L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 423
 5680005 1 TR 12:10-1:30 MEETS: JAN 9-MAY 5
 5680010 2 TR 1:40-3:00 MEETS: JAN 9-MAY 5

BIOLOGY (CONTINUED)

BRYOPHYT&LICHN DVRS BIOL 455 3 CREDITS
 Prereq: BIOL 211 AND BIOL 211L
 8909005 MR 4:10-6:30PM
 MEETS: JAN 9-MAY 5

ORNITHOLOGY BIOL 458 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2140005 1 MW 10:00-10:50 HARMS T
 MEETS: JAN 9-MAY 5

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 HARMS T
 MEETS: JAN 9-MAY 5
 9658010 2 W 7:00-9:50 HARMS T
 MEETS: JAN 9-MAY 5

MAMMALOGY BIOL 459 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2155005 1 MW 2:10-3:00 RENTZ M
 MEETS: JAN 9-MAY 5
 Note: COURSE RESTRICTED TO JRS & ABOVE

MAMMALOGY LABORATORY 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 RENTZ M
 MEETS: JAN 9-MAY 5
 9660010 2 W 9:00-11:50 RENTZ M
 MEETS: JAN 9-MAY 5
 9660015 3 R 9:00-11:50 RENTZ M
 MEETS: JAN 9-MAY 5

COMMUNITY ECOLOGY BIOL 472 3 CREDITS
 Prereq: BIOL 312
 2100005 TR 11:00-12:20 DANIELSON B
 MEETS: JAN 9-MAY 5

PLANT ECOLOGY BIOL 474 3 CREDITS
 Prereq: BIOL 312
 2099005 TR 9:30-10:50 MOLONEY K
 MEETS: JAN 9-MAY 5

FUNCTIONAL ECOLOGY BIOL 476 3 CREDITS
 Prereq: BIOL 312
 2156005 TR 2:10-3:25 JURIK T
 MEETS: JAN 9-MAY 5

ENVIRONM BIOGEOCHEM BIOL 483X 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOLOGY,
 CHEMISTRY, AND PHYSICS
 9887005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

ID AQUATIC ORGANSMS BIOL 488 1 CREDIT
 4644005 1 ARRANGED
 MEETS: JAN 9-MAY 5

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

 SEE DEPT FOR REFERENCE NUMBERS

IND STU BIOL RESRCH BIOL 490H 1- 6 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

UG TEACHNG EXPERNCE BIOL 491 1- 2 CREDITS
 Prereq: PERMISSION OF SUPERVISING STAFF
 Note: NO MORE THAN 2 CREDITS IN BIOL 491 MAY BE
 APPLIED TOWARD BIOLOGY ADVANCED COURSE DEGREE
 REQUIREMENTS
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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 9-MAY 5

BIOLOGY (CONTINUED)

UG RESEARCH EXPRNCE BIOL 499 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS IN BIOL 499 MAY BE APPLIED
 TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE
 APPLIED TOWARD THE BIOLOGY ADVANCED COURSE REQUIREMNT

 SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL ENGINEERING

INTRO BIOMEDIC ENGR B M E 220 3 CREDITS
 Prereq: BIOL 212, ENGR 160 OR EQUIV, MATH 166,
 CHEM 167 OR CHEM 178, PHYS 222
 3041005 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY B M E 490 1- 6 CREDITS
 Prereq: PERMISSION OF CHAIR FOR BIOENGINEERING
 MINOR

 SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL SCIENCES

AN&PHYSL DOMES ANIM B M S 329 3 CREDITS
 Prereq: BIOL 212, 212L
 6968005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5
 1936010 2 MTR 8:00-8:50
 WF 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 6833010 2 MW 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 9-MAY 5

CASE STUDY II B M S 346 1 CREDIT
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 6458005 F 1:10-2:00
 MEETS: JAN 9-MAY 5

GENERAL PHARMACOLGY B M S 354 3 CREDITS
 Prereq: B M S 333, B M S 334
 3518005 MR 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 9-MAY 5

INTR AQUAT ANIM MED B M S 401 1 CREDIT
 2729005 1 T 7:10-9:00PM
 MEETS: MARCH 6-MAY 5

BEHAVIOR DOMES ANIM B M S 403 1 CREDIT
 Prereq: CLASSIFICATION IN V MED
 6840005 F 12:10-1:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

BIOMEDICAL SCIENCES (CONTINUED)

MTHDS IN BIOMED SCI B M S 502 3 CREDITS
5084005 TR 1:10-4:00
MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5
9325010 2 MTR 8:00-8:50
WF 10:00-10:50
R 9:00-11:50
MEETS: JAN 9-MAY 5

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 9-MAY 5
6847010 2 MW 9:00-9:50
M 2:10-4:00
MEETS: JAN 9-MAY 5

PRINCPLS PHARMACLGY B M S 539 4 CREDITS
5094005 MTRF 9:00-9:50
MEETS: JAN 9-MAY 5

INTRO DNA TECHNIQS B M S 542A 1 CREDIT
Satisfactory-Fail Only.
7133005 TR 1:10-2:00
TR 2:10-4:00
MEETS: JAN 10-FEB 9

INTR PROTEIN TECHNQ B M S 542B 1 CREDIT
Satisfactory-Fail Only.
6828005 TR 1:10-2:00 NOTT J
TR 2:10-4:00 NOTT J
MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS B M S 542C 1 CREDIT
Satisfactory-Fail Only.
7135005 TR 1:10-2:00
TR 2:10-4:00
MEETS: MARCH 28-APRIL 27

GENERAL PHARMACOLGY B M S 554 3 CREDITS
Prereq: B M S 549, B M S 552, BBMB 404, BBMB 405
3531010 2 MR 1:10-2:00
T 11:00-11:50
MEETS: JAN 9-MAY 5

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 9-MAY 5

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

BIOMEDICAL SCIENCES (CONTINUED)

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 9-MAY 5

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 9-MAY 5

SEMINAR B M S 698C 1 CREDIT
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
9735005 R 12:10-1:00
MEETS: JAN 9-MAY 5

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

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

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

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

BIORENEWABLE CHEMICALS

BIORNW ENTRPRNEURSH BR C 507 1 CREDIT
Prereq: GRAD STANDING OR INSTRUCTOR PERMISSION
2592005 R 4:10-5:00
MEETS: JAN 9-MAY 5

BIORENEWABLE RESOURCES & TECHNOLOGY

FUND BIORENEW RESOU BRT 501 3 CREDITS
Prereq: RECOMMENDED: INTRODUCTORY PHYSICS
AND CHEMISTRY
6534005 TR 9:30-10:45 BROWN R
MEETS: JAN 9-MAY 5
6534600 XE ARRANGED BROWN R
MEETS: JAN 9-MAY 5
Note: Section XE is off campus
Course delivery is WWW

BIOBASE SEM PRESNTN BRT 506C 1 CREDIT
Satisfactory-Fail Only.
2383005 ARRANGED BAUGHMAN J
MEETS: JAN 9-MAY 5

BIORNW ENTRPRNEURSH BRT 507 1 CREDIT
Prereq: GRAD STANDING OR INSTRUCTOR PERMISSION
2399005 R 4:10-5:00
MEETS: JAN 9-MAY 5

BIORENEW SU CHN MGT BRT 513X 3 CREDITS
Prereq: GRADUATE STANDING, OR QUALIFIED
UNDERGRAD WITH INSTRUCTOR PERMISSION
9881600 XW ARRANGED BOTTENFIELD K
MEETS: JAN 9-MAY 5
Note: Section XW is off campus
Course delivery is WWW

SPECIAL TOPICS BRT 590 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR OR MAJOR PROF
***** SEE DEPT FOR REFERENCE NUMBERS

BIORNWBL RSOURC LAB BRT 592L 1 CREDIT
Prereq: GRADUATE CLASSIFICATION. UNDERGRADUATES
WITH INSTRUCTOR APPROVAL.
3016005 R 8:00-10:50 ROVER M
MEETS: JAN 9-MAY 5

RESEARCH BRT 699 VAR. CREDITS
Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR
***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ADMINISTRATION

ORIENTATION BUSAD 103 1 CREDIT
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: BUSAD 101, BUSAD 101H, BUSAD 102, BUSAD 103, BUSAD 103X

9404005 1 M 8:00-8:50 MUSSELMAN R
 MEETS: JAN 9-MAY 5

9404010 2 M 4:10-5:00 STANFORD N
 MEETS: JAN 9-MAY 5

9404015 3 W 8:00-8:50 GRAVES-WARDEN C
 MEETS: JAN 9-MAY 5

9404020 4 W 10:00-10:50 CLOTTEY K
 MEETS: JAN 9-MAY 5

9404025 5 W 4:10-5:00 SHEEHY L
 MEETS: JAN 9-MAY 5

9404030 6 F 8:00-8:50 BONANNO A
 MEETS: JAN 9-MAY 5

9404035 7 F 10:00-10:50 SCHOBERT M
 MEETS: JAN 9-MAY 5

CAREERS&EMPLOY PREP BUSAD 203 1 CREDIT
 Prereq: BUSAD 101 OR BUSAD 102
 Note: COURSEN NOT OPEN TO FIRST TERM FRESHMAN

8860005 1 M 12:10-1:00 GELLA M
 MEETS: JAN 9-MAY 5

8860010 2 M 1:10-2:00 WAGNER A
 MEETS: JAN 9-MAY 5

8860015 3 T 12:40-1:30 VAN VARK S
 MEETS: JAN 9-MAY 5

8860020 4 M 4:10-5:00 AUSTIN T
 MEETS: JAN 9-MAY 5

8860025 5 T 5:10-6:00PM WADDINGHAM J
 MEETS: JAN 9-MAY 5

8860030 6 W 12:10-1:00 AUSTIN T
 MEETS: JAN 9-MAY 5

8860035 7 R 12:40-1:30 GELLA M
 MEETS: JAN 9-MAY 5

8860040 8 W 4:10-5:00 WILLIAMS M
 MEETS: JAN 9-MAY 5

8860045 9 R 5:10-6:00PM WADDINGHAM J
 MEETS: JAN 9-MAY 5

8860050 10 F 1:10-2:00 WAGNER A
 MEETS: JAN 9-MAY 5

8860055 11 F 12:10-1:00 GELLA M
 MEETS: JAN 9-MAY 5

8860060 12 W 1:10-2:00 WIELAND K
 MEETS: JAN 9-MAY 5

INTRO TO BUSINESS BUSAD 250 3 CREDITS
 Prereq: COM S 113
 Note: SEC A1,B1 ETC RESTRICTED TO COLLEGE OF BUSINESS ONLY. SEC A2,B2 ETC FOR MAJORS OTHER THAN IN THE COLLEGE OF BUSINESS.

8807005 A1 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5

8807010 A2 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5

8807015 B1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

8807020 B2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

8807025 C1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

8807030 C2 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

8807035 D1 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

8807040 D2 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

8807045 E1 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

8807050 E2 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

8807055 F1 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

8807060 F2 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

8807065 G1 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

8807070 G2 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

8807075 J1 MWF 4:10-5:00
 MEETS: JAN 9-MAY 5

8807080 J2 MWF 4:10-5:00
 MEETS: JAN 9-MAY 5

8807085 K1 MW 5:10-6:25PM
 MEETS: JAN 9-MAY 5

8807090 K2 MW 5:10-6:25PM
 MEETS: JAN 9-MAY 5

8807095 L1 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

8807100 L2 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

8807105 M1 M 6:40-9:25PM
 MEETS: JAN 9-MAY 5

8807110 M2 M 6:40-9:25PM
 MEETS: JAN 9-MAY 5

8807115 N1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

8807120 N2 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

8807125 P1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

BUSINESS ADMINISTRATION (CONTINUED)

INTRO TO BUSINESS BUSAD 250 3 CREDITS
 8807130 P2 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

8807135 Q1 TR 2:10-3:25
 MEETS: JAN 9-MAY 5

8807140 Q2 TR 2:10-3:25
 MEETS: JAN 9-MAY 5

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 9-MAY 5

COOPERATIVE EDUC BUSAD 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS
 PERMISSION OF KATHY WIELAND REQUIRED TO ADD.
 NO MORE THAN 3 ADDITIONAL CREDITS MAY BE TAKEN IN SAME SEMESTER AS BUSAD 398.
 Satisfactory-Fail Only.
 6147005 A ARRANGED
 MEETS: JAN 9-MAY 5
 Note: College permission required - go to 1200 Gerdin.

IND STDY ENTREPRENR BUSAD 490E 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION; PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 3635005 ARRANGED
 MEETS: JAN 9-MAY 5

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.
 Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXP INT'L INTERNSHP BUSAD 491B 1- 3 CREDITS
 Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE.
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXP INT'L TRAVEL&ST BUSAD 491D 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: Instructor permission required.
 Satisfactory-Fail Only.
 7514800 SP ARRANGED THORNOCK T
 MEETS: MARCH 9-19
 Note: SEC SP TAUGHT IN MADRID & BARCELONA SPAIN. INTERNATIONAL FINANCE, BANKING & ACCOUNTING STUDY ABROAD SPRING 2017 OFFERED FOR 3 CREDITS.
 TRAVEL MARCH 9-19
 Study Abroad Administrative Fee Applies

INFORMATION SYSTEMS BUSAD 503 2 CREDITS
 Prereq: ADMISSION TO MS IN SEED TECHNOLOGY AND BUSINESS PROGRAM OR BY SPECIAL ARRANGEMENT WITH INSTR
 2270600 XW ARRANGED TOWNSEND A
 MEETS: JAN 9-MAY 5
 Note: THIS SECTION IS RESTRICTED TO STB MAJORS, ALL OTHER STUDENT MUST GET PERMISSION TO REGISTER FROM SEEDGRAD@IASTATE.EDU
 Section XW is off campus
 Course delivery is WWW

MARKETING&LOGISTICS BUSAD 504 3 CREDITS
 Prereq: ADMISSION TO MS IN SEED TECHNOLOGY AND BUSINESS PROGRAM OR BY SPECIAL ARRANGEMENT WITH INSTR
 2317600 XW ARRANGED CHEN H
 MEETS: JAN 9-MAY 5
 Note: THIS SECTION IS RESTRICTED TO STB MAJORS, ALL OTHER STUDENT MUST GET PERMISSION TO REGISTER FROM SEEDGRAD@IASTATE.EDU
 Section XW is off campus
 Course delivery is WWW

BUSINESS ADMINISTRATION (CONTINUED)

PRO EXPERIEN TL 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
 7533390 MP ARRANGED
 7533393 MS ARRANGED

MBA PRO SKIL DEV II BUSAD 594 R CREDIT
 Prereq: 592
 Satisfactory-Fail Only.
 9425005 F 7:30-10:50 ACKERMAN R
 MEETS: JAN 13-APRIL 7

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 9-MAY 5

CREATIV COMP ACNTG BUSAD 599A 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP FINANC BUSAD 599C 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MANAGMT BUSAD 599E 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MARKTNG BUSAD 599F 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP MGT INF SY BUSAD 599K 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

CREATV COMPONEN SCM BUSAD 599L 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BUSAD 699 3- 6 CREDITS
 Prereq: GRAD CLASSIF, PERMISSION OF MAJOR PROF
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING (CONTINUED)

CHEMICAL ENGR LAB I CH E 325 2 CREDITS
 Prereq: CH E 357, CH E 381; CREDIT OR ENROLLMENT IN CH E 382; CREDIT OR ENROLLMENT IN ENGL 314 OR ENGL 309 OR ENGL 312 OR JL MC 347
 Note: Instructor permission required 1st week.
 5699005 A MW 12:10-2:00
 MEETS: JAN 9-MAY 5

5699010 B MW 2:10-4:00
 MEETS: JAN 9-MAY 5

5699015 C MW 12:10-2:00
 MEETS: JAN 9-MAY 5

5699020 D MW 2:10-4:00
 MEETS: JAN 9-MAY 5

TRANSPRT PHENOMEN I CH E 356 3 CREDITS
 Prereq: CH E 205, CH E 210, PHYS 221;
 CREDIT OR ENROLLMENT IN MATH 267
 2435005 A MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

2435010 B MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

SEPARATIONS CH E 358 3 CREDITS
 Prereq: CH E 310, CH E 357
 2437005 A MWF 4:10-5:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

CHEMICL REACTN ENGR CH E 382 3 CREDITS
 Prereq: CH E 310, CH E 381; CREDIT OR ENROLLMENT IN CH E 357
 2439005 A MWF 8:00-8:50
 MEETS: JAN 9-MAY 5

FOREIGN STDY ORIENT CH E 391 3 CREDITS
 Prereq: CH E 357, CH E 381
 Note: Meets international perspectives reqmt
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 7162010 SP ARRANGED
 MEETS: JAN 9-MAY 5
 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

ENVIR CHEMODYNAMICS CH E 406 3 CREDITS
 Prereq: CH E 381, CREDIT OR ENROLLMENT IN CH E 358
 4532005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

CHEMC PROCSS SAFETY CH E 420 3 CREDITS
 Prereq: CH E 357, CH E 381; JUNIOR CLASSIFICATION
 7965005 A MWF 8:00-8:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

CHEMICL ENGR LAB II CH E 426 2 CREDITS
 Prereq: CH E 325, CH E 358, CH E 382
 Note: RESTRICTED TO CH E SENIORS GRADUATING SPRING 2017
 CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 2448005 A T 8:00-11:50
 MEETS: JAN 9-MAY 5

2448010 B T 2:10-6:00PM
 MEETS: JAN 9-MAY 5

2448015 C R 8:00-11:50
 MEETS: JAN 9-MAY 5

2448020 D R 2:10-6:00PM
 MEETS: JAN 9-MAY 5

PROCES&PLANT DESIGN CH E 430 4 CREDITS
 Prereq: CH E 358, CH E 382
 Note: COURSE RESTRICTED TO CH E MAJORS GRADUATING S17
 2449005 A MW 9:00-9:50
 MW 10:00-11:50
 MEETS: JAN 9-MAY 5

CHEMICAL ENGINEERING

CH E PROBL CPTR LAB CH E 160 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165
 Note: COURSE RESTRICTED TO CH E MAJORS ONLY
 2778005 A MW 12:10-1:00
 ARRANGED
 MEETS: JAN 9-MAY 5

2778010 B MW 1:10-2:00, ARRANGED
 MEETS: JAN 9-MAY 5

2778015 C MW 2:10-3:00, ARRANGED
 MEETS: JAN 9-MAY 5

CH E PROGRSS ASESMT CH E 205 R CREDIT
 Prereq: CHEM 178, MATH 166; CREDIT OR ENROLLMENT IN CH E 160, CH E 210
 Note: MANDATORY MEETING JAN 18 5-6PM. ASSESSMENT OFFERED AT TESTING CENTER JAN 27-31, FEB 10-14 & MARCH 3-7. COURSE RESTRICTED TO CH E MAJORS ONLY
 Satisfactory-Fail Only.
 2531005 ARRANGED
 MEETS: JAN 9-MAY 5

MATRL &ENERGY BALNC CH E 210 3 CREDITS
 Prereq: CHEM 178, MATH 166, CH E 160
 2429005 A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

COMPUT MTHDS CHEM E CH E 310 3 CREDITS
 Prereq: CH E 160, CH E 205, CH E 210, MATH 265
 2104005 A TR 12:40-2:00
 MEETS: JAN 9-MAY 5

2104010 B TR 2:10-3:30
 MEETS: JAN 9-MAY 5

CHEMICAL ENGINEERING (CONTINUED)

POLYMERS & POLY ENGR CH E 447 3 CREDITS
 Prereq: CH E 382 AND CHEM 331 OR MAT E 351
 7146005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

UG RESRCH/IND STUDY CH E 490 1- 6 CREDITS
 Prereq: PERMISSION OF DEPARTMENT
 Note: NO MORE THAN 6 CREDITS OF CH E 490 MAY BE
 APPLIED TOWARDS GRADUATION AS TECHNICAL ELECTIVES

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS CH E 490H 1-6 CREDITS
 Prereq: MEMBERSHIP IN THE HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY. NO MORE THAN 6 CREDITS OF CH E 490 MAY BE
 APPLIED TOWARDS GRADUATION AS TECHNICAL ELECTIVES.

 SEE DEPT FOR REFERENCE NUMBERS

ENVIR CHEMODYNAMICS CH E 506 3 CREDITS
 Prereq: CH E 381, CREDIT OR ENROLLMENT IN CH E
 358
 2080005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

POLYMERS & POLY ENGR CH E 547 3 CREDITS
 Prereq: CH E 382 AND CHEM 331 OR MAT E 351
 9043005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

ADV CH REACTOR DSGN CH E 587 3 CREDITS
 Prereq: CH E 382
 2468005 MW 9:00-10:20
 MEETS: JAN 9-MAY 5

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 9-MAY 5

METABOLIC ENGINEER CH E 625 3 CREDITS
 Prereq: CH E 382, CHEM 331
 2060005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

MULTIPHASE FLOW CH E 632 3 CREDITS
 Prereq: M E 538
 2678005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 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
 MEETS: MARCH 6-MAY 5
 Section info: <http://courses.chem.iastate.edu>

ORIEN PRO DEVEL OPP CHEM 101B 1 CREDIT
 Prereq: MEMBER OF THE CHEM LEARNING COMMUNITY
 Satisfactory-Fail Only.
 4761005 TR 4:10-5:00
 MEETS: JAN 9-MAY 5

PHYSCL SC FOR EL ED CHEM 102L 3 CREDITS
 Prereq: MATH 195 OR MATH 140
 8675005 1 M 3:10-4:00
 TR 10:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

8675010 2 M 3:10-4:00
 TR 12:10-2:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

8675015 3 M 3:10-4:00
 TR 2:10-4:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

PHYSCL SC FOR EL ED CHEM 102L 3 CREDITS
 8675020 4 M 3:10-4:00
 TR 4:10-6:00PM
 MEETS: JAN 9-MAY 5

8675025 5 T 3:40-4:30
 WF 8:00-9:50
 MEETS: JAN 9-MAY 5

8675030 6 T 3:40-4:30
 WF 10:00-11:50
 MEETS: JAN 9-MAY 5

8675035 7 T 3:40-4:30
 WF 12:10-2:00
 MEETS: JAN 9-MAY 5

8675040 8 M 3:10-4:00
 TR 2:10-4:00
 MEETS: JAN 9-MAY 5

CHEM IN MOD SOCIETY CHEM 160 3 CREDITS
 2488005 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS
 Prereq: 1 YR H.S. ALGEBRA AND GEOMETRY;
 CHEM 50 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR
 ENROLLMENT IN CHEM 163L
 Note: MUST BE ACCOMPANIED BY CHEM 163L UNLESS STUDENT
 ALREADY HAS CREDIT IN 163L. CREDIT FOR ONLY ONE OF
 THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE
 APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167,
 CHEM 177, CHEM 201.

2489005 1 MWF 9:00-9:50
 R 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489010 2 MWF 9:00-9:50
 R 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489015 3 MWF 9:00-9:50
 R 9:00-9:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489020 4 MWF 9:00-9:50
 R 9:00-9:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

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

2489030 6 MWF 9:00-9:50
 R 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489035 7 MWF 9:00-9:50
 R 11:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489040 8 MWF 9:00-9:50
 R 11:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489045 9 MWF 9:00-9:50
 R 12:10-1:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489050 10 MWF 9:00-9:50
 R 12:10-1:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489055 11 MWF 9:00-9:50
 R 1:10-2:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489060 12 MWF 9:00-9:50
 R 1:10-2:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489065 13 MWF 9:00-9:50
 R 2:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489070 14 MWF 9:00-9:50
 R 2:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489075 15 MWF 9:00-9:50
 R 3:10-4:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489080 16 MWF 9:00-9:50
 R 3:10-4:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2489085 17 MWF 9:00-9:50
 R 10:00-10:50
 MEETS: JAN 9-MAY 5

CHEMISTRY

(CONTINUED)

GENERAL CHEM LAB I CHEM 163L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 163
 Note: MUST BE ACCOMPANIED BY CHEM 163 UNLESS STUDENT ALREADY HAS CREDIT IN 163. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L

2490005 1 M 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490010 2 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490015 3 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490020 4 T 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490025 5 T 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490030 6 T 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490035 7 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490040 8 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490045 9 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490050 10 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490055 11 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490060 12 R 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490065 13 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490070 14 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490075 15 M 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490080 16 T 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490085 17 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490090 18 R 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490095 19 R 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2490100 20 R 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

ENGNRS GENERAL CHEM CHEM 167 4 CREDITS
 Prereq: ONE YEAR OF HIGH SCHOOL CHEMISTRY OR CHEM 50; MATH 143 PRE-CALCULUS OR HIGH SCHOOL EQUIV
 Note: RESTRICTED TO ENGR COLLEGE MAJORS OR OPEN. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201.

2493005 1 MWF 9:00-9:50
 T 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2493010 2 MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2493015 3 MWF 9:00-9:50
 T 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2493020 4 MWF 9:00-9:50
 T 11:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2493055 5 MWF 9:00-9:50
 T 12:10-1:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2493030 6 MWF 9:00-9:50
 T 1:10-2:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2493035 7 MWF 9:00-9:50
 T 2:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2493040 8 MWF 9:00-9:50
 T 3:10-4:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

(CONTINUED)

ENGNRS GENERAL CHEM CHEM 167 4 CREDITS
 Section info: <http://courses.chem.iastate.edu>
 2493045 9 MWF 9:00-9:50
 T 2:10-3:00
 MEETS: JAN 9-MAY 5

ENGINR GEN CHEM LAB CHEM 167L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 167
 Note: COURSE RESTRICTED TO ENGR COLLEGE & LAS OPEN. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L.

2494005 1 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2494010 2 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
 Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR 1 YR H.S. CHEM, CR OR ENROLLMENT IN CHEM 177L. CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
 Note: CHEM 177 MUST BE ACCOMPANIED BY CHEM 177L UNLESS STUDENT ALREADY HAS CREDIT IN 177L. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201.

2495005 1 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495010 2 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495015 3 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495020 4 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495025 5 MWF 12:10-1:00
 R 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495030 6 MWF 12:10-1:00
 R 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495035 7 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495040 8 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495045 9 MWF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495050 10 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495055 11 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495060 12 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495065 13 MWF 12:10-1:00
 R 2:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495070 14 MWF 10:00-10:50
 R 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495075 15 MWF 10:00-10:50
 R 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495080 16 MWF 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495085 17 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495090 18 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

2495095 19 MWF 10:00-10:50
 R 11:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

(CONTINUED)

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
 2495100 20 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2495105 21 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2495110 22 MWF 10:00-10:50
 R 1:10-2:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2495115 23 MWF 10:00-10:50
 R 2:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2495120 24 MWF 10:00-10:50
 R 3:10-4:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2495125 25 MWF 10:00-10:50
 R 4:10-5:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 177
 Note: CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS
 STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY
 ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD
 GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L,
 CHEM 177N, CHEM 201L.
 2496005 1 M 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496010 2 M 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496015 3 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496020 4 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496025 5 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496030 6 T 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496035 7 T 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496040 8 T 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496045 9 T 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496050 10 T 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496055 11 T 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496060 12 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496065 13 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496070 14 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496075 15 W 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496080 16 W 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496085 17 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496090 18 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496095 19 R 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496100 20 R 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496105 21 R 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496110 22 R 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496115 23 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496120 24 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

(CONTINUED)

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
 2496125 25 W 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496126 26 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496127 27 M 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496128 28 M 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496129 29 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2496130 30 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 Prereq: CHEM 177, CHEM 177L
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>
 2499005 1 M 1:10-2:00
 F 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499010 2 M 1:10-2:00
 F 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499015 3 M 1:10-2:00
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499020 4 M 1:10-2:00
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499025 5 M 1:10-2:00
 F 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499030 6 M 1:10-2:00
 F 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499035 7 M 1:10-2:00
 F 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499040 8 M 1:10-2:00
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499045 9 M 1:10-2:00
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499050 10 M 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499055 11 M 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499060 12 M 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499065 13 M 1:10-2:00
 F 3:10-4:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499070 14 M 3:10-4:00
 F 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499075 15 M 3:10-4:00
 F 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499080 16 M 3:10-4:00
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499085 17 M 3:10-4:00
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499090 18 M 3:10-4:00
 F 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499095 19 M 3:10-4:00
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499100 20 M 3:10-4:00
 F 12:10-1:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

(CONTINUED)

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 2499105 21 MW 3:10-4:00
 F 12:10-1:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499110 22 MW 3:10-4:00
 F 1:10-2:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499115 23 MW 3:10-4:00
 F 1:10-2:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499120 24 MW 3:10-4:00
 F 2:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499125 25 MW 3:10-4:00
 F 2:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499130 26 MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499135 27 MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499140 28 TR 11:00-11:50
 F 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499145 29 TR 11:00-11:50
 F 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499150 30 TR 11:00-11:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499155 31 TR 11:00-11:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 31 RESTRICTED TO HONORS STUDENTS ONLY
 Section info: <http://courses.chem.iastate.edu>
 2499160 32 TR 11:00-11:50
 F 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499165 33 TR 11:00-11:50
 F 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499170 34 TR 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499175 35 TR 11:00-11:50
 F 12:10-1:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499180 36 TR 11:00-11:50
 F 12:10-1:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499185 37 TR 11:00-11:50
 F 1:10-2:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499190 38 TR 11:00-11:50
 F 1:10-2:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499195 39 TR 11:00-11:50
 F 2:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2499200 40 TR 11:00-11:50
 F 3:10-4:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 LAB GENERAL CHEM II CHEM 178L 1 CREDIT
 Prereq: CHEM 177L AND CREDIT OR ENROLLMENT
 IN CHEM 178
 Note: MUST BE ACCOMPANIED BY OR HAVE CREDIT IN 178.
 2500005 1 M 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500010 2 M 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500015 3 M 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500020 4 M 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500025 5 M 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500030 6 M 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

(CONTINUED)

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
 2500035 7 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500040 8 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500045 9 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500050 10 T 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500055 11 T 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500060 12 T 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500065 13 T 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500070 14 T 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500075 15 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500080 16 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500085 17 W 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500090 18 W 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500095 19 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500100 20 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500105 21 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500110 22 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500115 23 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500120 24 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500125 25 R 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500130 26 R 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500135 27 R 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500140 28 R 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500145 29 R 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500150 30 R 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500155 31 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500160 32 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500165 33 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500170 34 M 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500175 35 M 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500180 36 T 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500185 37 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500190 38 W 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500195 39 M 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500200 40 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2500205 41 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

QUANT&ENVIRO ANALYS CHEM 211 2 CREDITS
 Prereq: CHEM 163 AND CHEM 163L, CHEM 201
 AND CHEM 201L; OR CREDIT OR ENROLLMENT IN CHEM 178;
 AND CONCURRENT ENROLLMENT IN CHEM 211L
 2503005 1 MW 11:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

QNT&ENVIR ANALY LAB CHEM 211L 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 211
 3678005 1 MW 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 3678010 2 MW 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 3678015 3 TR 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 3678020 4 TR 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 3678025 5 TR 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

ELEM ORGANIC CHEM CHEM 231 3 CREDITS
 Prereq: 163,163L, OR 177,177L; CR OR ENR IN 231L
 Note: CREDIT FOR EITHER CHEM 231 OR BMBB 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
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

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](http://www.registrar.iastate.edu/students/exams/night-exams).
 7900005 1 M 8:00-8:50
 M 9:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 7900010 2 M 12:10-1:00
 M 1:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 7900015 3 M 3:10-4:00
 M 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 7900020 4 M 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 7900025 5 T 9:00-9:50
 T 10:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 7900030 6 T 12:10-1:00
 T 1:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 7900035 7 T 3:10-4:00
 T 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 7900040 8 W 8:00-8:50
 W 9:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 7900045 9 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 7900050 10 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

FRESH&SOPH RESEARCH CHEM 299 VAR. CREDITS
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM
 STUDENT PROPOSES TO WORK

 SEE DEPT FOR REFERENCE NUMBERS

INORGANIC CHEMISTRY CHEM 301 2 CREDITS
 2507005 MW 11:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

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](http://www.registrar.iastate.edu/students/exams/night-exams).
 2511005 1 WF 2:10-3:00
 TR 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

PHYSICAL CHEM LAB CHEM 321L 2 CREDITS
 2511010 2 WF 2:10-3:00
 TR 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2511015 3 WF 2:10-3:00
 TR 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2511020 4 WF 2:10-3:00
 MW 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

PHYSICAL CHEM LAB CHEM 322L 3 CREDITS
 Prereq: CHEM 324 OR CHEM 325
 Note: THE WF 2 RECITATION MEETS THE FIRST FIVE WEEKS
 ONLY. CREDIT FOR EITHER CHEM 321L OR CHEM 322L, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).
 2515005 1 WF 2:10-3:00
 TR 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2515010 2 WF 2:10-3:00
 TR 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2515015 3 WF 2:10-3:00
 TR 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2515020 4 WF 2:10-3:00
 MW 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

INTR QUANTUM MECHAN CHEM 324 3 CREDITS
 Prereq: CHEM 178, MATH 166. PHYS 222 RECOMMENDED.
 5202005 1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5202010 2 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

CHEMICAL THERMODYNAM CHEM 325 3 CREDITS
 Prereq: CHEM 178, MATH 166. PHYS 222 RECOMMENDED.
 5224005 1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RECOMMENDED FOR CHEMICAL ENGINEERING MAJORS
 Section info: <http://courses.chem.iastate.edu>
 5224010 2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 2 FOR STUDENTS WHO HAVE TAKEN CHEM 324.
 SEC 2 RECOMMENDED FOR CHEMISTRY & BIOCHEMISTRY
 MAJORS.
 Section info: <http://courses.chem.iastate.edu>
 5224015 3 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC 3 RESTRICTED TO CHEM AND BIOCH MAJORS ONLY
 WHO HAVE TAKEN FOR CHEM 324
 Section info: <http://courses.chem.iastate.edu>
 5224025 5 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC 5 RECOMMENDED FOR CHEM MAJORS
 Section info: <http://courses.chem.iastate.edu>

CHEMICAL KINETICS CHEM 326X 1 CREDIT
 Prereq: CHEM 167 OR CHEM 177 OR CHEM 178 OR
 CHEM 201; MATH 166.
 RECOMMENDED: CHEM 324 AND CHEM 325.
 9859005 TR 4:10-5:00
 MEETS: JAN 9-MAY 5

ORGANIC CHEMISTRY I CHEM 331 3 CREDITS
 Prereq: CHEM 178 OR CHEM 201, ENROLLMENT IN CHEM
 331L HIGHLY RECOMMENDED
 Note: CREDIT FOR EITHER CHEM 331 (AND 331L) OR
 CHEM 231 (AND 231L), BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 2516005 1 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
 Prereq: CHEM 177L; CR OR ENROLLMENT IN CHEM 331
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: CHEM 231L,
 CHEM 331L, CHEM 333L
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).
 5270005 1 M 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5270010 2 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5270015 3 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5270020 4 R 9:00-11:50
 MEETS: JAN 9-MAY 5

CHEMISTRY (CONTINUED)

CHEMISTRY (CONTINUED)

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
 Section info: <http://courses.chem.iastate.edu>
 5270025 5 R 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5270030 6 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5270035 7 M 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5270040 8 M 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5270045 9 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

ORGANIC CHEMISTRY II CHEM 332 3 CREDITS
 Prereq: CHEM 331. ENROLLMENT IN CHEM 332L HIGHLY RECOMMENDED.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>
 2517005 1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2517010 2 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2517015 3 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC 3 RESTRICTED TO CHEM, AGBIO, BIOCH, CH E
 Section info: <http://courses.chem.iastate.edu>

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT
 Prereq: CHEM 331L, CR OR ENROLLMENT IN CHEM 332
 Note: CREDIT FOR EITHER CHEM 332L OR CHEM 334L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>
 5272005 1 T 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 Syllabus: <http://>
 5272010 2 T 3:40-6:30PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5272015 3 W 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5272020 4 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5272025 5 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5272030 6 R 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5272035 7 R 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5272040 8 R 3:40-6:30PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5272045 9 T 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

LAB ORGANIC CHEM II CHEM 334L 2 CREDITS
 Prereq: 333L, CR OR ENROLLMENT FOR CREDIT IN 332
 Note: CREDIT FOR EITHER CHEM 332L OR CHEM 334L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 COURSE RESTRICTED TO AGBIO, BIOPH, BIOCH, CHEM MAJORS ONLY.
 5645005 1 MW 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5645010 2 MW 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 5645015 3 TR 3:40-6:30PM
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

UNDERGRAD RESEARCH CHEM 399 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK AND JR OR SR CLASSIFICATION
 Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INORGANIC CHEM LAB CHEM 401L 1 CREDIT
 Prereq: CHEM 402
 2524005 1 T 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2524010 2 T 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>
 2524015 3 R 9:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

INORGANIC CHEM LAB CHEM 401L 1 CREDIT
 2524020 4 R 12:10-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu>

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

ANALYT SPECTROSCOPY CHEM 513 3 CREDITS
 Prereq: 316, 316L, 324, 322L
 2538005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

ANALYTIC SEPARATION CHEM 516 3 CREDITS
 Prereq: 316, 316L, 324, 322L
 2539005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu/>

ORGANIC SYNTHESIS I CHEM 531 2 CREDITS
 Prereq: 332
 9267005 TR 10:00-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu/>

PHYS ORGANIC CHEM II CHEM 538 3 CREDITS
 Prereq: 537
 2543005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

SAFETY IN CHEM LAB CHEM 550 1 CREDIT
 Prereq: 332L
 Satisfactory-Fail Only.
 4295005 TR 8:00-8:50
 MEETS: JAN 9-MARCH 3
 Section info: <http://courses.chem.iastate.edu/>

ATOMIC&MOLEC Q MECH CHEM 562 3 CREDITS
 Prereq: 561, CREDIT OR ENROLLMENT IN 583
 2549005 M 12:10-1:30
 W 12:10-1:30
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu/>

STATISTCL MECHANICS CHEM 563 3 CREDITS
 Prereq: 325
 2550005 MW 1:40-3:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu/>

MOLEC SPECTRO&STRUC CHEM 564 3 CREDITS
 Prereq: 505 OR 562
 2551005 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5

SOLID-STATE CHEM CHEM 571 2 CREDITS
 Prereq: 301, 324
 2554005 MW 1:40-2:30
 MEETS: JAN 9-MAY 5

ORGANOMETALLIC CHEM CHEM 574 2 CREDITS
 Prereq: 301, 332
 2557005 TR 11:00-11:50
 MEETS: JAN 9-MAY 5

MASS SPECTROMETRY CHEM 577 3 CREDITS
 2560005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu/>

CHEMICAL GROUP THRY CHEM 583 1 CREDIT
 Prereq: 324
 5657005 TR 1:10-2:00
 MEETS: JAN 9-MARCH 3
 Section info: <http://www.chem.iastate.edu/courses>

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
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu/>

CHEMISTRY (CONTINUED)

SEMNR ANALYTIC CHEM CHEM 611 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2565005 F 2:30-4:00
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu/>

SEMINR ORGANIC CHEM CHEM 631 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2566005 F 1:10-2:30
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu/>

SEMNR PHYSICAL CHEM CHEM 660 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2568005 F 4:10-5:30
 MEETS: JAN 9-MAY 5
 Section info: <http://courses.chem.iastate.edu/>

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 ZHANG S
 MEETS: JAN 9-MAY 5

7374010 2 MTWRF 1:10-2:00 CAI L
 MEETS: JAN 9-MAY 5

INTM MAND CHINES II CHIN 202 5 CREDITS
 Prereq: 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
 Meets international perspectives reqmt
 7768005 1 MTWRF 10:00-10:50 LI T
 MEETS: JAN 9-MAY 5

INTRO CHINES CULTUR CHIN 272 3 CREDITS
 Note: Meets international perspectives reqmt
 8252005 1 TR 11:00-12:20 MU A
 MEETS: JAN 9-MAY 5

ADV MANDARIN CHI II CHIN 302 3 CREDITS
 Prereq: 301 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 5405005 1 TR 2:10-3:30 MU A
 MEETS: JAN 9-MAY 5

CHINA TODAY CHIN 375 3- 4 CREDITS
 Prereq: ENGL 250 OR ENGL 105 OR EQUIVALENT
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2017.
 TOPIC: CONTEMPORARY CHINESE POPULAR CULTURE.
 Meets international perspectives reqmt
 5347005 MW 2:10-3:30 MU A
 MEETS: JAN 9-MAY 5

SMNR READNG CHI TXT CHIN 403C 3 CREDITS
 Note: Meets international perspectives reqmt
 4556005 TR 2:10-3:30 LI T
 MEETS: JAN 9-MAY 5

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 9-MAY 5

FUND OF SURVEYING I C E 111 3 CREDITS
 Prereq: C E 160; CREDIT OR ENR IN ENGR 170 OR
 C E 170; MATH 165
 Note: COURSE RESTRICTED TO C E AND CON E MAJORS ONLY.
 7242005 1 MF 2:10-3:00
 T 8:00-10:50
 MEETS: JAN 9-MAY 5

7242010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 9-MAY 5

7242015 3 MF 2:10-3:00
 W 12:10-3:00
 MEETS: JAN 9-MAY 5

7242020 4 MF 2:10-3:00
 R 2:10-5:00
 MEETS: JAN 9-MAY 5

7242025 5 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 9-MAY 5

CIVIL ENGINEERING (CONTINUED)

CIVIL ENGR LRN COMM C E 120 R CREDIT
 Satisfactory-Fail Only.
 8518005 1 TR 4:10-5:25
 MEETS: JAN 9-MAY 5

ENGR PROB CMPUT LAB C E 160 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH
 PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165
 Note: COURSE RESTRICTED TO C E, CON E, ENGRS MAJORS
 CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE
 APPLIED TOWARD GRADUATION: I E 148, C E 160, M E 160,
 A B E 160, AER E 160, ENGR 160, CPR E 185, E E 185,
 S E 185.
 2911005 1 MW 10:00-11:50
 MEETS: JAN 9-MAY 5

2911010 2 TR 3:10-5:00
 MEETS: JAN 9-MAY 5

2911015 3 TR 8:00-9:50
 MEETS: JAN 9-MAY 5

CIVIL ENGR GRAPHICS C E 170 2 CREDITS
 Note: COURSE RESTRICTED TO C E, CON E, ENGRS MAJORS
 ONLY.
 3515005 1 TR 12:10-2:00
 MEETS: JAN 9-MAY 5

3515010 2 MW 12:10-2:00
 MEETS: JAN 9-MAY 5

3515015 3 MW 3:10-5:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

COOPERATIVE EDUC C E 298 R CREDIT
 Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROJECT MANAGMNT CE C E 306 3 CREDITS
 Prereq: C E 206
 4943005 1 MW 3:10-4:00
 R 8:00-10:50
 MEETS: JAN 9-MAY 5

4943010 2 MW 3:10-4:00
 T 8:00-10:50
 MEETS: JAN 9-MAY 5

4943015 3 MW 3:10-4:00
 T 11:00-1:50
 MEETS: JAN 9-MAY 5

PRIN ENVIRONMT ENGR C E 326 3 CREDITS
 Prereq: CHEM 177 OR 178, MATH 166, CREDIT OR
 ENROLLMENT IN E M 378
 Note: COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/night-exams.](http://www.registrar.iastate.edu/students/exams/night-exams)
 2284005 1 MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 9-MAY 5
 Section info: <http://www.public.iastate.edu/~tgc/courses/ce326/homepage.html>

2284010 2 MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 9-MAY 5
 Section info: <http://www.public.iastate.edu/~tgc/courses/ce326/homepage.html>

2284015 3 MF 10:00-10:50
 T 11:00-12:50
 MEETS: JAN 9-MAY 5

STRUCTURAL ANALYS I C E 332 3 CREDITS
 Prereq: E M 324
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/night-exams.](http://www.registrar.iastate.edu/students/exams/night-exams)
 2285005 1 MWF 1:10-2:00
 W 2:10-3:00
 MEETS: JAN 9-MAY 5

2285010 2 MWF 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 9-MAY 5

2285015 3 MWF 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 9-MAY 5

2285020 4 MWF 8:00-8:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5

STRUCT STEEL DSGN I C E 333 3 CREDITS
 Prereq: 332, E M 327
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/night-exams.](http://www.registrar.iastate.edu/students/exams/night-exams)
 2286005 1 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 9-MAY 5

2286010 2 MWF 8:00-8:50
 R 9:00-9:50
 MEETS: JAN 9-MAY 5

CIVIL ENGINEERING (CONTINUED)

CIVIL ENGINEERING (CONTINUED)

REIN CONCRETE DSN I C E 334 3 CREDITS
 Prereq: 332, E M 327
 Night exams scheduled. For dates go to
 http://www.registrar.iastate.edu/students/exams/
 night-exams.

2287005 1 MWF 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 9-MAY 5

2287010 2 MWF 1:10-2:00
 M 11:00-11:50PM
 MEETS: JAN 9-MAY 5

PRIN TRANSPORTN ENG C E 355 3 CREDITS
 Prereq: C E 111
 Note: COURSE RESTRICTED TO C E JUNIORS AND SENIORS
 ONLY

2924005 1 TR 3:40-4:55
 MEETS: JAN 9-MAY 5

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 9-MAY 5

2291010 2 MF 12:10-1:00
 T 12:10-3:00
 MEETS: JAN 9-MAY 5

2291015 3 MF 12:10-1:00
 R 8:00-10:50
 MEETS: JAN 9-MAY 5

2291020 4 MF 12:10-1:00
 R 12:10-3:00
 MEETS: JAN 9-MAY 5

2291025 5 MF 12:10-1:00
 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5

2291030 6 MF 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

2294010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 9-MAY 5

2294015 3 MF 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 9-MAY 5

2294020 4 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 9-MAY 5

2294025 5 MF 2:10-3:00
 W 2:10-5:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

9480010 2 T 3:10-5:00
 MEETS: JAN 9-MAY 5

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.
 Satisfactory-Fail Only.

7351005 1 M 5:10-6:00PM
 MEETS: MARCH 6-MAY 5
 Note: SEC 1 RESTRICTED TO STUDENTS GRADUATING SPRING
 2017 OR SUMMER 2017

7351010 2 M 5:10-6:00PM
 MEETS: MARCH 6-MAY 5
 Note: SEC 2 RESTRICTED TO CONCURRENT GRADUATE
 STUDENTS

LAND SURVEYING C E 417 3 CREDITS
 Prereq: 111

7565005 1 MF 10:00-10:50
 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

7565010 2 MF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 9-MAY 5

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 9-FEB 10

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 12-MARCH 31

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: APRIL 2-MAY 5

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: APRIL 2-MAY 5

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: APRIL 2-MAY 5

WASTEWTR TREATM DSN C E 428 3 CREDITS
 Prereq: 326

6106005 1 TR 8:00-8:50, ARRANGED
 MEETS: JAN 9-MAY 5

6106010 2 WF 8:00-8:50
 WF 9:00-9:50
 MEETS: JAN 9-MAY 5

BRIDGE DESIGN C E 446 3 CREDITS
 Prereq: 333, 334

2300005 1 MW 3:10-5:00, ARRANGED
 MEETS: JAN 9-MAY 5

STRUC HEALTH MONITR C E 449 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN ENGINEERING
 OR PERMISSION OF INSTRUCTOR

9700005 1 MW 10:00-11:30
 MEETS: JAN 9-MAY 5

HIGHWAY DESIGN C E 453 3 CREDITS
 Prereq: C E 306, C E 355
 Note: RESTRICTED TO STUDENTS GRADUATING SPRING 2016,
 SUMMER 2016 OR FALL 2016

2302005 1 MW 9:00-9:50
 R 2:10-4:00
 MEETS: JAN 9-MAY 5

2302010 2 MW 9:00-9:50
 R 4:10-6:00PM
 MEETS: JAN 9-MAY 5

FOUNDATION ENGINEER C E 460 3 CREDITS
 Prereq: 360

2303005 1 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

GEOMATERIAL STABILIZ C E 467 3 CREDITS
 Prereq: C E 360 OR C E 382 OR C E 383

9166005 1 MW 1:10-2:00
 M 3:10-5:00
 MEETS: JAN 9-MAY 5

PAVEMENT ANALYS&DSGN C E 483 3 CREDITS
 Prereq: 382, 360

7748005 1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

ADV DSIGN CONCRETES C E 484 3 CREDITS
 Prereq: 382

9167005 ARRANGED
 MEETS: JAN 9-MAY 5

CIVIL ENGINEERING (CONTINUED)

CIVIL ENGINEERING (CONTINUED)

CIVIL ENGRN 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 '16 OR SUMMER '16.
 2131005 1 MF 12:10-1:00
 T 11:00-1:00
 MEETS: JAN 9-MAY 5
 2131010 2 MF 12:10-1:00
 T 3:10-5:00
 MEETS: JAN 9-MAY 5
 2131015 3 MF 12:10-1:00
 R 11:00-1:00
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY C E 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C E 490H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

CONSTR ENGR&MANAGMT C E 502 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CON E 422
 8715005 1 M 5:10-8:00PM
 MEETS: JAN 9-MAY 5

DESIGN CONSTRUC SYS C E 505 3 CREDITS
 Prereq: 334, 360, CON E 322 AND 340
 1947005 1 R 2:10-5:00
 MEETS: JAN 9-MAY 5

WTR POLL CNTRL PROC C E 522 3 CREDITS
 Prereq: 521
 2320005 1 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

PHY-CHEM TREAT PROC C E 523 3 CREDITS
 Prereq: 520
 2321005 TR 4:10-5:30
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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: JAN 9-MAY 5

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: JAN 9-MAY 5

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: JAN 9-MAY 5

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: JAN 9-MAY 5

SOLID&HAZ WASTE MGT C E 528 3 CREDITS
 Prereq: C E 326 OR BACKGROUND COURSES IN BOTH ENVIRONMENTAL CHEMISTRY AND MICROBIOLOGY, JUNIOR STANDING
 9360005 1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

STRUCT STEEL DSN II C E 533 3 CREDITS
 Prereq: 333
 2331005 1 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

PRESTRESS CONCR STR C E 535 3 CREDITS
 Prereq: 334
 2328005 1 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

STRUC ANLY FIN ELEM C E 542 3 CREDITS
 Prereq: 532
 2324005 1 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

BRIDGE DESIGN C E 546 3 CREDITS
 Prereq: 333, 334
 1934005 1 MW 3:10-5:00
 MEETS: JAN 9-MAY 5

TRAFFIC SAFETY,OPER C E 552 3 CREDITS
 Prereq: 355
 2335005 1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

TRANSPRT DATA ANALY C E 556 3 CREDITS
 Prereq: C E 355, A STATISTICS COURSE AT 300-LEVEL OR HIGHER
 5105005 1 TR 3:40-4:55
 MEETS: JAN 9-MAY 5

TRANSPRTN SYS ANALY C E 557 3 CREDITS
 Prereq: 355, 3 CREDITS IN STAT OR PROBABILITY
 7286005 1 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

EXPMTL MTHDS GEOENG C E 563 3 CREDITS
 Prereq: 360
 5146005 1 ARRANGED
 MEETS: JAN 9-MAY 5

GEOMATERIAL STABILZ C E 567 3 CREDITS
 Prereq: 360,565
 1945005 1 MW 1:10-2:00
 M 3:10-5:00
 MEETS: JAN 9-MAY 5

SURFC WTR HYDROLOGY C E 571 3 CREDITS
 Prereq: 372
 2343005 1 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

ENVIRONMENTAL FLOWS C E 576 3 CREDITS
 Prereq: E M 378 OR EQUIVALENT
 5109005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

PAVEMENT ANLYS&DSGN C E 583 3 CREDITS
 Prereq: 382, 360
 7772005 1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

ADV DSGN CONCRETES C E 584 3 CREDITS
 Prereq: 382
 9168005 1 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

SPL TOP CON ADV TEC C E 594P 1- 3 CREDITS
 Prereq: CON E 322, CON E 340 OR C E 306, AND PERMISSION OF INSTRUCTOR
 2354005 T 5:10-8:00PM
 MEETS: JAN 9-MAY 5

RSRCH MTDS SEM:TECH C E 595B 1 CREDIT
 4294005 1 M 2:10-4:00
 MEETS: JAN 9-MAY 5

RSRCH MTDS SEM:TECH C E 595C 1 CREDIT
 4297005 1 M 2:10-4:00
 MEETS: JAN 9-MAY 5

CREATIVE COMPONENT C E 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENVIR ANALY C E 622E 2 CREDITS
 Prereq: PERMISSION OF ENVIRON ENGR GRAD FACULTY
 4021005 1 MW 9:00-9:50
 MEETS: JAN 9-MAY 5

ADV TP ENGR:TRAFFIC C E 650B 3 CREDITS
 Prereq: PERMISSION OF TRANSPORTATION ENGR GRADUATE FACULTY
 9042005 1 R 6:00-9:00PM
 MEETS: JAN 9-MAY 5

CIVIL ENGINEERING (CONTINUED)

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 9-MAY 5

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 MOOK M
 MEETS: JAN 9-MAY 5

RHETORICAL TRADITNS CL ST 350 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 2176005 A1 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM
 MAJORS ONLY
 2176010 A2 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 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 1:10-2:00 HALL A
 MEETS: JAN 9-MAY 5

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 MWF 1:10-2:00 MEYERS R
 MEETS: JAN 9-MAY 5

SX, CLTR ANC MEDITRR CL ST 374 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN, OR
 GREEK
 Note: Meets international perspectives reqmt
 8164005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

ROMN ARCHAEO TO400CE CL ST 376C 3 CREDITS
 Note: Meets international perspectives reqmt
 9725005 MWF 12:10-1:00 MEYERS R
 MEETS: JAN 9-MAY 5

INTR ARCHAEOLOG GREEC CL ST 394 2 CREDITS
 Note: Meets international perspectives reqmt
 5095005 M 3:10-5:00 MOOK M
 MEETS: JAN 9-MAY 5

ROMAN CIVILIZATION CL ST 403 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 2590005 1 MW 3:10-4:30 HOLLANDER D
 MEETS: JAN 9-MAY 5
 2590010 2 M 5:30-8:30PM HOLLANDER D
 MEETS: JAN 9-MAY 5

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 9-MAY 5

PHONETICS&PHONOLOGY CMDIS 371 3 CREDITS
 Prereq: ENGL 219
 2610005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

LANG&RDG DEVEL CHLD CMDIS 471 3 CREDITS
 Prereq: 275 OR PSYCH 230 OR ENGL 219
 2618600 XW ARRANGED VENKATAGIRI H
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

COMMUNICATION DISORDERS (CONTINUED)

TOP DISOR:ANAT SPCH CMDIS 480A 3 CREDITS
 Prereq: CMDIS 275 OR LING 275; CMDIS 371
 OR LING 371; BIOL 255; PERMISSION OF INSTRUCTOR
 9305600 XW ARRANGED VENKATAGIRI H
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

COMM DISORDR FLDWRK CMDIS 492X 1- 2 CREDITS
 Prereq: CMDIS/LING 371; CMDIS/LING 471;
 COMPLETION OR CONCURRENT ENROLLMENT IN
 CMDIS/LING 480A OR 480B OR 480C
 8982600 XW ARRANGED VENKATAGIRI H
 MEETS: JAN 9-MAY 5
 Note: 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
 MEETS: JAN 9-MAY 5

INTRO INTERPRS COMM COMST 102 3 CREDITS
 Note: SEC 1A,2A ETC RESTRICTED TO COMST MAJORS ONLY.
 SEC 1B,2B ETC FOR MAJORS OTHER THAN COMST
 8105005 1A TR 9:30-10:50 COFFELT T
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8105010 1B TR 9:30-10:50 COFFELT T
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8105015 2A MWF 8:00-8:50 EGDORF D
 MEETS: JAN 9-MAY 5
 8105020 2B MWF 8:00-8:50 EGDORF D
 MEETS: JAN 9-MAY 5
 8105025 3A MWF 9:00-9:50 SNYDER-YULY J
 MEETS: JAN 9-MAY 5
 8105030 3B MWF 9:00-9:50 SNYDER-YULY J
 MEETS: JAN 9-MAY 5
 8105035 4A TR 2:10-3:30 RAFFERTY K
 MEETS: JAN 9-MAY 5
 8105040 4B TR 2:10-3:30 RAFFERTY K
 MEETS: JAN 9-MAY 5

INTRO COM RSRCH MTD COMST 203 3 CREDITS
 Prereq: COMST 101
 Note: COURSE RESTRICTED TO COMST MAJORS.
 STUDENT SHOULD HAVE PRIOR CREDIT IN COMST 101 BEFORE
 ENROLLING IN COMST 203
 5123005 1 TR 12:40-2:00 COSTABILE K
 MEETS: JAN 9-MAY 5
 5123010 2 TR 11:00-12:30 COSTABILE K
 MEETS: JAN 9-MAY 5

COMM& U.S. DIVRSITY COMST 210X 3 CREDITS
 Note: Meets U.S. diversity reqmt
 7066005 TR 2:10-3:30 RUBLE R
 MEETS: JAN 9-MAY 5

PROFESSNAL COMMUNIC COMST 214 3 CREDITS
 9183005 1 MWF 12:10-1:00 ODENWELLER K
 MEETS: JAN 9-MAY 5
 9183600 XU ARRANGED SNYDER-YULY J
 MEETS: JAN 9-MAY 5
 Note: Section XU is off campus
 Course delivery is WWW
 9183605 XV ARRANGED ODENWELLER K
 MEETS: JAN 9-MAY 5
 Note: Section XV is off campus
 Course delivery is WWW
 9183610 XW ARRANGED HARMS J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

CONFLICT MANAGEMENT COMST 218 3 CREDITS
 7314005 M 2:10-5:00 SWEET D
 MEETS: JAN 9-MAY 5

HUMAN COMMUNIC THRY COMST 301 3 CREDITS
 Prereq: COMST 101
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 6593005 1 TR 11:00-12:20 RAFFERTY K
 MEETS: JAN 9-MAY 5
 6593010 2 TR 3:40-5:00 RAFFERTY K
 MEETS: JAN 9-MAY 5

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 8:00-9:20 JENKS T
 MEETS: JAN 9-MAY 5

COMMUNICATION STUDIES (CONTINUED)

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 MWF 10:00-10:50 ODENWELLER K
 MEETS: JAN 9-MAY 5

LDRSH COMMUN THEOR COMST 313 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST 301
 4305005 1 TR 3:40-5:00 JENKS T
 MEETS: JAN 9-MAY 5

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 12:40-2:00 TYE-WILLIAMS S
 MEETS: JAN 9-MAY 5

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 11:00-12:30 VRCHOTA D
 MEETS: JAN 9-MAY 5

COMM TRAINING&DEVEL COMST 319 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST 301
 2362005 1 TR 2:10-3:25 VRCHOTA D
 MEETS: JAN 9-MAY 5

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 11:00-12:20 SWEET D
 MEETS: JAN 9-MAY 5

CMPTN-MEDIATED COMM COMST 330 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY.
 2385005 TR 9:30-10:50 RUBLE R
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 2298010 2 TR 12:40-2:00 VRCHOTA D
 MEETS: JAN 9-MAY 5
 2298015 3 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY COMST 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM COMST 491 VAR. CREDITS
 Prereq: COMST 203, COMST 301, AND PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSNL INTERNSHP COMST 497 1- 3 CREDITS
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR COMST 504 3 CREDITS
 Prereq: GRADUATE STANDING, INSTRUCTOR PERMISSION
 Note: Instructor permission required.
 4421005 1 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

SPECIAL TOPICS COMST 590 1- 4 CREDITS
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING

FUND GEOG INFO SYST C R P 251X 3 CREDITS
 4051005 A MW 10:00-10:50 POPLIN A
 W 4:10-6:00PM POPLIN A
 MEETS: JAN 9-MAY 5
 4051010 B MW 10:00-10:50 POPLIN A
 F 1:10-3:00 POPLIN A
 MEETS: JAN 9-MAY 5

WORLD CITIES&GLOBLZ C R P 291 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 7447005 MWF 9:00-9:50 OWUSU F
 MEETS: JAN 9-MAY 5

COMMUNITY & REGIONAL PLANNING (CONTINUED)

PLANNG METHDS STDIO C R P 301 4 CREDITS
 4968005 TR 2:10-5:20 HAMIDEH S
 MEETS: JAN 9-MAY 5

U.S. HOUSING POLICY C R P 325X 3 CREDITS
 9742005 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

PRACTICUM C R P 330 1- 3 CREDITS
 Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING
 Note: COURSE OFFERED FOR 1-3 CREDITS SPRING 2017
 Satisfactory-Fail Only.
 2386005 ARRANGED
 MEETS: JAN 9-MAY 5

INTMD GEOG INFO SYS C R P 351X 3 CREDITS
 Prereq: C R P 251X
 8289005 A MW 10:00-10:50
 F 1:10-3:00
 MEETS: JAN 9-MAY 5
 8289010 B MW 10:00-10:50
 F 8:00-10:00
 MEETS: JAN 9-MAY 5

FIELD TRAVEL C R P 391 1- 2 CREDITS
 Prereq: C R P MAJOR, PERMISSION OF ADVISER
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2017.
 Satisfactory-Fail Only.
 2402005 W 12:10-1:00
 MEETS: JAN 9-MAY 5

URBAN REVITALIZATN C R P 417 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7569005 MW 3:10-4:30
 MEETS: JAN 9-MAY 5

PUBLIC PARTICIP PLN C R P 437X 3 CREDITS
 9744005 W 5:10-8:00PM
 MEETS: JAN 9-MAY 5

TRANSPRT POLCY&PLAN C R P 445 3 CREDITS
 Prereq: C E 350 OR EQUIVALENT
 2720005 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

GEODESIGN C R P 450X 3 CREDITS
 9912005 MW 1:10-2:20
 MEETS: JAN 9-MAY 5

GEOG DATA MGT&ANALY C R P 452 3 CREDITS
 Prereq: 451 OR EQUIVALENT
 5205005 TR 10:00-11:50
 MEETS: JAN 9-MAY 5

REAL ESTATE DEVELOP C R P 471X 3 CREDITS
 9767005 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

GRANT WRITING C R P 475 1 CREDIT
 Prereq: 253 OR 270 AND JUNIOR CLASSIFICATION
 Note: TOPIC: GRANT WRITING
 Instructor permission required 1st week.
 5575005 W 12:10-1:00
 MEETS: JAN 9-MAY 5

SUSTAINABLE COMMUNT C R P 484 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7041005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

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 11:00-11:50
 MEETS: JAN 9-MAY 5

PRO WORK EXPERIENCE C R P 510 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING (CONTINUED)

COMMUNITY & REGIONAL PLANNING (CONTINUED)

URBAN REVITALIZATN C R P 517 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7839005 MW 3:10-4:30
 MEETS: JAN 9-MAY 5

HISTR PRSRV PLANNG C R P 521X 3 CREDITS
 9768005 T 5:10-8:00PM
 MEETS: JAN 9-MAY 5

PRACTICUM C R P 530 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION IN C R P
 Satisfactory-Fail Only.
 2405005 ARRANGED
 MEETS: JAN 9-MAY 5

TRANPRTN POLICY PLN C R P 545 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2756005 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

INTRO GEOG INFO SYS C R P 551 3 CREDITS
 1985005 A MW 9:00-9:50
 W 10:00-11:50
 MEETS: JAN 9-MAY 5
 1985010 B MW 9:00-9:50
 F 10:10-12:00
 MEETS: JAN 9-MAY 5

GEOG DATA MGT &PLAN C R P 552 3 CREDITS
 Prereq: C R P 551
 5209005 TR 10:00-11:50
 MEETS: JAN 9-MAY 5

DIGTL DSN MTH L ARC C R P 559X 3 CREDITS
 9823005 TR 11:00-12:30 WESTORT C
 MEETS: JAN 9-MAY 5

PLAN THRY FOR PRCTC C R P 561 3 CREDITS
 2410005 R 5:10-8:00PM
 MEETS: JAN 9-MAY 5

PLANNING & DEVELPMT C R P 568 3 CREDITS
 Prereq: C R P 564 OR EQUIVALENT
 2018005 MW 5:10-8:00PM
 MEETS: JAN 9-MAY 5

SUSTAINBLE COMMUNIT C R P 584 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7043005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

SPL TP PLAN LAW,ADM C R P 590A 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECON DEVEL C R P 590B 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN C R P 590C 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOUS&URB RV C R P 590D 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN C R P 590H 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRTN PL C R P 590I 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC INT'L PLAN C R P 590N 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATL AN MTH C R P 590O 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SM TOWN PLAN C R P 590P 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRS&EQ PLN C R P 590Q 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GIS C R P 590R 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 9-MAY 5

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
 8469605 XF ARRANGED CLAPP T
 MEETS: JAN 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-474-4478
 Instructor permission required.
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

8469600 XH ARRANGED CLAPP T
 MEETS: JAN 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

CMUNT ANALYS:METHODS C DEV 504 3 CREDITS
 8588600 XG ARRANGED
 MEETS: JAN 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

COMM&RG ECON ONLY I C DEV 506 3 CREDITS
 8608600 XG ARRANGED
 MEETS: JAN 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

ECOLOGICL ECONOMICS C DEV 508 3 CREDITS
 8466600 XG ARRANGED
 MEETS: JAN 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

ORIENT CMUNTY DEVEL C DEV 520 1 CREDIT
 8539600 XG ARRANGED
 MEETS: JAN 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

COMMUNITY DEVELOPMENT (CONTINUED)

HOUSING &DEVEL PROG C DEV 521 3 CREDITS
 7222600 XG ARRANGED
 MEETS: JAN 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agonline.iastate.edu
 /resources/computer-requirements

EVALUAT ORG&PROGRAM C DEV 528 3 CREDITS
 Prereq: 504 WITH GRADE OF C OR BETTER
 9190600 XG ARRANGED
 MEETS: JAN 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agonline.iastate.edu
 /resources/computer-requirements

CREATIVE COMPONENT C DEV 599 VAR. CREDITS
 2349600 XA ARRANGED
 MEETS: JAN 9-MAY 5
 Note: CONTACT DE COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 SECTION XA OFFERED FOR 1.0 - 6.0 CREDITS.
 Tuition Category: GPIDEA Consortium
 Section XA is off campus
 Course delivery is WWW
 Cmptr reqmt: http://www.agonline.iastate.edu
 /resources/computer-requirements

THESIS RESEARCH C DEV 699 1- 6 CREDITS
 8981600 XA ARRANGED
 MEETS: JAN 9-MAY 5
 Note: CONTACT DE COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Course delivery is WWW
 Section XA is off campus
 Course delivery is WWW
 Cmptr reqmt: http://www.agonline.iastate.edu
 /resources/computer-requirements

COMPUTER ENGINEERING (CONTINUED)

CYBER SECURTY CNCPT CPR E 231X 3 CREDITS
 Prereq: COM S 107 OR COM S 207 OR COM S 227
 OR E E 285
 8802005 A MW 9:00-9:50
 R 9:00-11:50
 MEETS: JAN 9-MAY 5

8802010 B MW 9:00-9:50
 R 9:00-11:50
 MEETS: JAN 9-MAY 5

TRANSFER ORIENTATIO CPR E 261 R CREDIT
 Satisfactory-Fail Only.
 9198005 T 11:00-11:50
 MEETS: JAN 9-MAY 5

DIG LOGC,PROCSR,P I CPR E 281 4 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO CPR E, E E, COM S, P CS,
 S E SOPHOMORES, JUNIORS AND SENIORS

7321005 A MWF 9:00-9:50
 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5

7321010 B MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

7321015 C MWF 9:00-9:50
 R 4:10-7:00PM
 MEETS: JAN 9-MAY 5

7321020 D MWF 9:00-9:50
 F 12:10-3:00
 MEETS: JAN 9-MAY 5

7321025 E MWF 9:00-9:50
 F 3:10-6:00PM
 MEETS: JAN 9-MAY 5

7321030 F MWF 4:10-5:00
 T 12:10-3:00
 MEETS: JAN 9-MAY 5

7321035 G MWF 4:10-5:00
 W 6:10-9:00PM
 MEETS: JAN 9-MAY 5

7321034 J MWF 4:10-5:00
 W 12:10-3:00
 MEETS: JAN 9-MAY 5

7321040 K MWF 4:10-5:00
 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5

7321045 L MWF 4:10-5:00
 T 9:00-11:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

3364010 B TR 9:30-10:50
 T 4:10-6:00PM
 MEETS: JAN 9-MAY 5

3364015 C TR 2:10-3:30
 T 6:10-8:00PM
 MEETS: JAN 9-MAY 5

3364020 D TR 2:10-3:30
 W 12:10-2:00
 MEETS: JAN 9-MAY 5

3364025 E TR 9:30-10:50
 F 2:10-4:00
 MEETS: JAN 9-MAY 5

3364030 F TR 2:10-3:30
 F 12:10-2:00
 MEETS: JAN 9-MAY 5

3364035 G TR 2:10-3:30
 F 2:10-4:00
 MEETS: JAN 9-MAY 5

3364045 K TR 2:10-3:30
 W 2:10-4:00
 MEETS: JAN 9-MAY 5

3364050 L TR 2:10-3:30
 W 4:10-6:00PM
 MEETS: JAN 9-MAY 5

PROGRAM DISCOVERY CPR E 294 R CREDIT
 Prereq: CPR E 166 OR E E 166
 Note: SEC A1, B1 RESTRICTED TO CPR E MAJORS ONLY.
 SEC A2, B2 RESTRICTED TO E E MAJORS ONLY
 Satisfactory-Fail Only.

5337005 A1 M 1:10-2:00
 MEETS: JAN 9-MAY 5

5337010 A2 M 1:10-2:00
 MEETS: JAN 9-MAY 5

5337015 A3 M 1:10-2:00
 MEETS: JAN 9-MAY 5

5337020 B1 F 3:10-4:00
 MEETS: JAN 9-MAY 5

5337025 B2 F 3:10-4:00
 MEETS: JAN 9-MAY 5

5337030 B3 F 3:10-4:00
 MEETS: JAN 9-MAY 5

COMPUTER ENGINEERING

INTR CMPTR SECURITY CPR E 131 1 CREDIT
 Satisfactory-Fail Only.
 3482005 A MW 11:00-11:50
 MEETS: JAN 9-MARCH 3

PRO PROG ORIENTATN CPR E 166 R CREDIT
 Note: COURSE RESTRICTED TO E E & CPR E MAJORS ONLY.

2292005 A T 2:10-3:00
 MEETS: JAN 9-MAY 5

2292010 B T 2:10-3:00
 MEETS: JAN 9-MAY 5

2292015 C T 3:10-4:00
 MEETS: JAN 9-MAY 5

2292020 D T 3:10-4:00
 MEETS: JAN 9-MAY 5

2292025 E R 2:10-3:00
 MEETS: JAN 9-MAY 5

INTRO PROBLM SOLV I CPR E 185 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON
 MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR
 ENROLLMENT IN MATH 165
 Note: COURSE RESTRICTED TO CPR E, ENGR, E E AND
 S E MAJORS ONLY. CREDIT IN ONLY ONE OF THE
 FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION:
 M E 160, ENGR 160, A B E 160, AER E 160, C E 160,
 CPR E, E E 185, S E 185, I E 148.

3878005 A TR 3:10-4:00
 W 8:00-9:50
 MEETS: JAN 9-MAY 5

3878010 B TR 3:10-4:00
 W 6:10-8:00PM
 MEETS: JAN 9-MAY 5

3878015 C TR 3:10-4:00
 F 2:10-4:00
 MEETS: JAN 9-MAY 5

3878020 D MW 8:00-8:50
 F 12:10-2:00
 MEETS: JAN 9-MAY 5

3878025 E TR 3:10-4:00
 F 10:00-11:50
 MEETS: JAN 9-MAY 5

INTR PROBLM SOLV II CPR E 186 1 CREDIT
 Prereq: 185

6238005 A W 10:00-11:50
 MEETS: JAN 9-MAY 5

6238010 B W 12:10-2:00
 MEETS: JAN 9-MAY 5

6238015 C W 2:10-4:00
 MEETS: JAN 9-MAY 5

6238020 D T 4:10-6:00PM
 MEETS: JAN 9-MAY 5

6238025 E T 12:10-2:00
 MEETS: JAN 9-MAY 5

COMPUTER ENGINEERING (CONTINUED)

COMPUTER ENGINEERING (CONTINUED)

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: CPR E 381 OR COM S 321

2036005 A MWF 9:00-9:50
 T 11:00-1:50
 MEETS: JAN 9-MAY 5

2036010 B MWF 9:00-9:50
 W 10:00-12:50
 MEETS: JAN 9-MAY 5

2036015 C MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

2036020 D MWF 9:00-9:50
 R 12:10-3:00
 MEETS: JAN 9-MAY 5

2036025 E MWF 9:00-9:50
 W 6:10-9:00PM
 MEETS: JAN 9-MAY 5

2036030 F MWF 12:10-1:00
 T 8:00-10:50
 MEETS: JAN 9-MAY 5

2036035 G MWF 12:10-1:00
 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5

2036040 J MWF 12:10-1:00
 R 6:10-9:00PM
 MEETS: JAN 9-MAY 5

THEORET FOUND CPR E CPR E 310 3 CREDITS
 Prereq: COM S 228

9240005 A TR 4:10-5:30
 MEETS: JAN 9-MAY 5

SOFTWARE PROJCT MGT CPR E 329 3 CREDITS
 Prereq: COM S 309

6832005 TR 12:40-1:55
 MEETS: JAN 9-MAY 5

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 9-MAY 5

2311010 B MWF 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 9-MAY 5

2311015 C MWF 9:00-9:50
 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5

2311020 D MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

2311025 E MWF 9:00-9:50
 F 1:10-4:00
 MEETS: JAN 9-MAY 5

2311030 F MWF 9:00-9:50
 F 10:00-12:50
 MEETS: JAN 9-MAY 5

CYBER DEFENS COMPET CPR E 332 1 CREDIT
 Satisfactory-Fail Only.

9653005 ARRANGED
 MEETS: JAN 9-MAY 5

SFTWR ARCHITC&DSIGN CPR E 339 3 CREDITS
 Prereq: S E 319

6834005 TR 4:10-5:30
 MEETS: JAN 9-MAY 5

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 9-MAY 5

5941010 B T 5:10-8:00PM
 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

6769010 B MWF 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 9-MAY 5

6769015 C MWF 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 9-MAY 5

6769020 D MWF 9:00-9:50
 W 4:10-6:00PM
 MEETS: JAN 9-MAY 5

PROGRAM EXPLORATION CPR E 394 R CREDIT
 Prereq: 294 OR E E 294
 Note: SEC B1,C1 RESTRICTED TO CPR E MAJORS ONLY.
 SEC B2,C2 RESTRICTED TO E E MAJORS ONLY
 Satisfactory-Fail Only.

5388005 A1 M 1:10-2:00
 MEETS: JAN 9-MAY 5

5388010 A2 M 1:10-2:00
 MEETS: JAN 9-MAY 5

5388015 A3 M 1:10-2:00
 MEETS: JAN 9-MAY 5

5388020 B1 F 3:10-4:00
 MEETS: JAN 9-MAY 5

5388025 B2 F 3:10-4:00
 MEETS: JAN 9-MAY 5

5388030 B3 M 1:10-2:00
 MEETS: JAN 9-MAY 5

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 230 OR CPR E 310; COM S 311, STAT 330

8535005 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

SOFTWARE EVOLU&MAINT CPR E 416 3 CREDITS
 Prereq: COM S 309

5946005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

LG SC DTA ANLY SFTW CPR E 419 4 CREDITS
 Prereq: CPR E 308 OR COM S 352; COM S 309

9581005 A TR 9:30-10:50
 W 2:10-4:00
 MEETS: JAN 9-MAY 5

9581010 B TR 9:30-10:50
 W 6:10-8:00PM
 MEETS: JAN 9-MAY 5

INFO SYSTM SECURITY CPR E 431 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CPR E 308 OR CREDIT OR ENROLLMENT IN COM S 352

8650005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

2330010 B MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 9-MAY 5

2330015 C MWF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 9-MAY 5

DISTRB SYS&MIDDLWRE CPR E 450 3 CREDITS
 Prereq: 308 OR COM S 352

8512005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

DIST&NETWK OPER SYS CPR E 454 3 CREDITS
 Prereq: COM S 311, 352, ENGL 250 OR ENGL 105, SP CM 212

7291005 TR 2:10-3:25
 MEETS: JAN 9-MAY 5

MULTIDISC ENGR DSGN CPR E 466 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR

1899005 A MWF 3:10-5:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

8156010 B TR 12:40-2:00
 R 4:10-7:00PM
 MEETS: JAN 9-MAY 5

CPTR NTRWK&DATA COM CPR E 489 4 CREDITS
 Prereq: 381 OR E E 324

2771005 A TR 11:00-12:20
 T 4:10-6:00PM
 MEETS: JAN 9-MAY 5

2771010 B TR 11:00-12:20
 F 1:10-3:00
 MEETS: JAN 9-MAY 5

2771015 C TR 11:00-12:20
 W 1:10-3:00
 MEETS: JAN 9-MAY 5

COMPUTER ENGINEERING (CONTINUED)

INDEPENDENT STUDY CPR E 490 VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY CPR E 490H VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO CPR E 491 3 CREDITS
 Prereq: 308 OR E E 322, COMPLETION OF 24 CREDITS
 IN THE E E CORE PROFESSIONAL PROGRAM OR 29 CREDITS
 IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL 314
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR AND ABOVE
 Instructor permission required 1st week.
 2765005 T 2:10-4:00, ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5
 2279010 B W 2:10-3:00
 MEETS: JAN 9-MAY 5
 2279015 C R 3:10-4:00
 MEETS: JAN 9-MAY 5
 2279020 D R 4:10-5:00
 MEETS: JAN 9-MAY 5

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 MW 2:10-3:30
 T 5:10-8:00PM
 MEETS: JAN 9-MAY 5
 3301010 B MW 2:10-3:30
 T 11:00-1:50
 MEETS: JAN 9-MAY 5

DSN&ANALY ALGORITHM CPR E 511 3 CREDITS
 Prereq: COM S 311
 5651005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

NUM ANALY HI-P COMP CPR E 525 3 CREDITS
 Prereq: CPR E 308 OR MATH 481; EXPERIENCE IN SCIENTIFIC PROGRAMING; KNOWLEDGE OF FORTRAN OR C
 1368005 TR 11:00-1:00
 MEETS: JAN 9-MAY 5

PROBLSTC MTHD CPR E 528 3 CREDITS
 Prereq: CPR E 315 OR COM S 311
 8172005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

INFORMATION WARFARE CPR E 532 3 CREDITS
 Prereq: 531
 2989005 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

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 9:00-9:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

STEGANOG&DGT FORNSC CPR E 535 3 CREDITS
 Prereq: MATH 307 OR COM S 330 OR E E 524
 8510005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 8510600 XW ARRANGED NEWMAN J
 MEETS: JAN 9-APRIL 28
 Note: Section XW is off campus
 Course delivery is WWW

COMPUTER ENGINEERING (CONTINUED)

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 9-MAY 5

RVRS ENGR&SECUR TST CPR E 538 3 CREDITS
 Prereq: COM S 321 OR CPR E 381, COM S 352 OR CPR E 308
 2750005 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

CYB SECUR SMRT GRID CPR E 539 3 CREDITS
 2866005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

WIRELSS&SENSOR NTWK CPR E 546 3 CREDITS
 Prereq: 489 OR 530
 8653005 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

DISTRB SYS&MIDDLWRE CPR E 550 3 CREDITS
 Prereq: 308 OR COM S 352
 8515005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

DISTRIBUTED SYSTEMS CPR E 554 3 CREDITS
 Prereq: COM S 311, 352
 7292005 TR 2:10-3:25
 MEETS: JAN 9-MAY 5

SEC PRIVCY IN CLOUD CPR E 559X 3 CREDITS
 Prereq: COM S 352 OR CPR E 308 AND COM S 486 OR CPR E 489 OR CPR E 530
 9713005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

COMPUTATNL PERCEPTN CPR E 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 5237005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 5237600 XE ARRANGED STOYTCHEV A
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

CPR SYS PERFORMANCE CPR E 582 3 CREDITS
 Prereq: 381, 310 AND STAT 330
 2779005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

EMBEDDED CMPTR SYST CPR E 588 3 CREDITS
 Prereq: 308
 2783005 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 Note: RESTRICTED TO E CPE, COM S, GRAD STUDENTS ONLY

SPECIAL TOPICS CPR E 590 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR CMPUTR ENGR CPR E 592 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO E CPE, E E, COM S, AND INFAS GRAD STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 9-MAY 5

ENGINEERG INTERNSHP CPR E 697 R CREDIT
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF STUDENT SERVICES.
 Satisfactory-Fail Only.
 7420005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Department permission required.

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

COMPUTER SCIENCE

ORIENTATION COM S 101 R CREDIT
 Satisfactory-Fail Only.
 2672005 T 12:40-2:00
 MEETS: JAN 9-MARCH 3 CHAUDHURI S

COMPUTER SCIENCE (CONTINUED)

COMPUTER SCIENCE (CONTINUED)

COMPUTER APPLICATNS COM S 103 4 CREDITS
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: COM S 103,
 COM S 113, COM S 113X

2673005 1 ARRANGED CHANG S
 MEETS: JAN 9-MAY 5
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 1
 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF THE
 SEMESTER, MONDAY, 10-10:50 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673010 2 ARRANGED CHANG S
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 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>

2673600 XW ARRANGED CHANG S
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

INTRO TO PROGRAMMNG 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 9-MARCH 3

2995010 2 MW 4:10-5:00 ATUKORALA N
 F 4:10-5:00
 R 4:10-6:00PM
 MEETS: MARCH 6-MAY 5

2995600 XV ARRANGED ATUKORALA N
 MEETS: MARCH 6-MAY 5
 Note: Section XV is off campus
 Course delivery is WWW

2995605 XW ARRANGED ATUKORALA N
 MEETS: JAN 9-MARCH 3
 Note: Section XW is off campus
 Course delivery is WWW

INTRO WEB PROGRAMMG COM S 106 3 CREDITS

6704005 1 ARRANGED CHANG S
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs106x/index.html>
 Syllabus: <http://www.cs.iastate.edu/~cs106x/index.html>

6704010 2 ARRANGED CHANG S
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs106x/index.html>
 Syllabus: <http://www.cs.iastate.edu/~cs106x/index.html>

6704600 XW ARRANGED CHANG S
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

APP COMPUTER PROGRM COM S 107 3 CREDITS

2674005 ARRANGED STERLING A
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~jtian/cs107/syllabus.html>
 Syllabus: <http://www.cs.iastate.edu/~jtian/cs107/syllabus.html>

2674600 XW ARRANGED STERLING A
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

INTRO SPRDSH&DATABS COM S 113 3 CREDITS
 Note: CREDIT FOR EITHER COM S 103 OR COM S 113/COM S
 113X, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 COM S, S E, AND CPR E MAJORS MAY NOT APPLY CREDIT IN
 COM S 113 TOWARD GRADUATION.

7761600 XW ARRANGED CHANG S
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

7761005 A TR 9:30-10:20 SUKUL A
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO THE COLLEGE OF BUSINESS
 MAJORS ONLY
 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.

7761010 B TR 12:40-1:30 SUKUL A
 MEETS: JAN 9-MAY 5
 Note: SEC B RESTRICTED TO THE COLLEGE OF BUSINESS
 MAJORS ONLY
 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

INTRO SPRDSH&DATABS COM S 113 3 CREDITS
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

7761015 C TR 12:40-1:30 SUKUL A
 MEETS: JAN 9-MAY 5
 Note: SEC C RESTRICTED TO THE NON-BUSINESS COLLEGE
 MAJORS
 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.

7761100 1 M 9:10-10:50 SUKUL A
 MEETS: JAN 9-MAY 5

7761105 2 M 12:10-2:00 SUKUL A
 MEETS: JAN 9-MAY 5

7761110 3 M 2:10-4:00 SUKUL A
 MEETS: JAN 9-MAY 5

7761115 4 M 4:10-6:00PM SUKUL A
 MEETS: JAN 9-MAY 5

7761120 5 M 6:10-8:00PM SUKUL A
 MEETS: JAN 9-MAY 5

7761125 6 T 8:00-9:50 SUKUL A
 MEETS: JAN 9-MAY 5

7761130 7 T 12:10-2:00 SUKUL A
 MEETS: JAN 9-MAY 5

7761135 8 T 2:10-4:00 SUKUL A
 MEETS: JAN 9-MAY 5

7761140 9 T 6:10-8:00PM SUKUL A
 MEETS: JAN 9-MAY 5

7761145 10 W 6:40-8:40PM SUKUL A
 MEETS: JAN 9-MAY 5

7761150 11 R 6:40-8:40PM SUKUL A
 MEETS: JAN 9-MAY 5

7761155 12 M 3:10-5:00 SUKUL A
 MEETS: JAN 9-MAY 5

7761160 13 M 6:40-8:30PM SUKUL A
 MEETS: JAN 9-MAY 5

7761165 14 W 3:10-5:00 SUKUL A
 MEETS: JAN 9-MAY 5

INTRO PROB SLV PROG COM S 127X 4 CREDITS
 Prereq: MATH 140
 Note: COURSE RESTRICTED TO P CS, COM S MAJORS ONLY

8789005 A TR 2:10-3:25 SUKUL A
 T 10:00-11:50
 MEETS: JAN 9-MAY 5

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 CHAUDHURI S
 MEETS: JAN 9-MARCH 3

FUND CPTR PROGRAMNG 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 8:00-8:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

9235010 2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 2 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

9235015 3 MWF 10:00-10:50 PRABHU G
 R 3:10-4:00
 MEETS: JAN 9-MAY 5

9235020 4 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC 4 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

9235600 XW ARRANGED CHANG C
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

INTR OBJT ORIEN PRG COM S 227 4 CREDITS
 Prereq: PLACEMENT INTO MATH 143, MATH 165, OR
 HIGHER; RECOMMENDED: A PREVIOUS HIGH SCHOOL OR
 COLLEGE COURSE IN PROGRAMMING OR EQUIVALENT EXPERIENC
 Note: CREDIT FOR EITHER COM S 227 OR COM S 207, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

9237100 A MWF 3:10-4:00 KAUTZ S
 MEETS: JAN 9-MAY 5

9237105 B MWF 1:10-2:00 SONG G
 MEETS: JAN 9-MAY 5

9237005 1 W 8:00-9:50
 MEETS: JAN 9-MAY 5

9237010 2 R 12:10-2:00
 MEETS: JAN 9-MAY 5

9237015 3 W 2:10-4:00
 MEETS: JAN 9-MAY 5

9237020 4 W 4:10-6:00PM
 MEETS: JAN 9-MAY 5

9237025 5 F 10:00-11:50
 MEETS: JAN 9-MAY 5

9237030 6 W 10:00-11:50
 MEETS: JAN 9-MAY 5

COMPUTER SCIENCE

(CONTINUED)

INTR OBJT ORIEN PRG COM S 227 4 CREDITS
 9237035 7 R 10:00-11:50
 MEETS: JAN 9-MAY 5
 9237040 8 R 2:10-4:00
 MEETS: JAN 9-MAY 5
 9237045 9 F 2:10-4:00
 MEETS: JAN 9-MAY 5
 9237050 10 R 10:00-11:50
 MEETS: JAN 9-MAY 5
 9237055 11 W 12:10-2:00
 MEETS: JAN 9-MAY 5
 9237060 12 R 12:10-2:00
 MEETS: JAN 9-MAY 5
 9237065 13 R 2:10-4:00
 MEETS: JAN 9-MAY 5
 9237070 14 R 4:20-6:00PM
 MEETS: JAN 9-MAY 5
 9237075 15 T 4:10-6:00PM
 MEETS: JAN 9-MAY 5

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 HUANG X
 MEETS: JAN 9-MAY 5
 9238105 B MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 9238005 1 R 10:00-10:50
 MEETS: JAN 9-MAY 5
 9238010 2 R 2:10-3:00
 MEETS: JAN 9-MAY 5
 9238015 3 R 1:10-2:00
 MEETS: JAN 9-MAY 5
 9238020 4 R 4:10-5:00
 MEETS: JAN 9-MAY 5
 9238025 5 R 3:10-4:00
 MEETS: JAN 9-MAY 5
 9238030 6 T 9:00-9:50
 MEETS: JAN 9-MAY 5
 9238035 7 T 2:10-3:00
 MEETS: JAN 9-MAY 5
 9238040 8 T 10:00-10:50
 MEETS: JAN 9-MAY 5

DISCRETE CMP STRUCT COM S 230 3 CREDITS
 Prereq: C- OR BETTER IN COM S 227 AND MATH 165;
 ENGL 150
 4005005 MWF 1:10-2:00 CHAUDHURI S
 R 10:00-10:50
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY COM S 290 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2680005 ARRANGED
 MEETS: JAN 9-MAY 5

INDEP STUDY HONORS COM S 290H VAR. CREDITS
 Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVESTY HONORS STUDENTS
 ONLY.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2681005 ARRANGED
 MEETS: JAN 9-MAY 5

SOFTWR DEV PRACTCES COM S 309 3 CREDITS
 Prereq: 228 WITH C- OR BETTER
 Note: 2-PART COURSE. REGISTER FOR LETTER SEC THEN
 NUMBERED SEC. STUDENTS WHO DON'T REGISTER FOR BOTH
 PARTS OF THE COURSE WILL BE DROPPED.
 4438005 A TR 9:30-10:50 MITRA S
 MEETS: JAN 9-MAY 5
 4438100 1 T 11:00-11:50
 MEETS: JAN 9-MAY 5
 4438105 2 T 1:10-2:00
 MEETS: JAN 9-MAY 5

DSN&ANALYSIS ALGRTH COM S 311 3 CREDITS
 Prereq: MINIMUM OF A C- IN COM S 228;
 MATH 166, ENGL 150; COM S 230 OR CPR E 310
 Note: 2-PART COURSE. REGISTER FOR 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 ADURI P
 MEETS: JAN 9-MAY 5
 2683005 1 T 9:00-9:50
 MEETS: JAN 9-MAY 5
 2683010 2 T 10:00-10:50
 MEETS: JAN 9-MAY 5
 2683015 3 M 10:00-10:50
 MEETS: JAN 9-MAY 5
 2683020 4 M 10:00-10:50
 MEETS: JAN 9-MAY 5
 2683025 5 T 1:10-2:00
 MEETS: JAN 9-MAY 5

COMPUTER SCIENCE

(CONTINUED)

SFTWR CNSTR&USER IN COM S 319 3 CREDITS
 8537005 1 MWF 3:10-4:00 MITRA S
 MEETS: JAN 9-MAY 5

INTR CPTR ARCH&MACH COM S 321 3 CREDITS
 Prereq: 228, CPR E 281, ENGL 250
 2684005 A MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

ADV PROGRAMM TCHNQ COM S 327 3 CREDITS
 Prereq: COM S 228, CREDIT OR ENROLLMENT
 IN MATH 166
 2454005 1 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

THEORY OF COMPUTING COM S 331 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228, MATH 166,
 AND IN COM S 230 OR CPR E 310; ENGL 250
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 2686005 A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 2686100 1 T 9:00-9:50
 MEETS: JAN 9-MAY 5
 2686105 2 R 3:10-4:00
 MEETS: JAN 9-MAY 5
 2686110 3 T 10:00-10:50
 MEETS: JAN 9-MAY 5

PRIN Progr LANGUAGS COM S 342 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228, COM S 230
 OR CPR E 310
 2687005 A TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 2687100 1 W 9:00-9:50
 MEETS: JAN 9-MAY 5
 2687105 2 W 4:10-5:00
 MEETS: JAN 9-MAY 5

NUMBER THEORY COM S 350 3 CREDITS
 Prereq: MATH 201 OR COM S 230
 5790005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

INTRO OPERATING SYS COM S 352 3 CREDITS
 Prereq: COM S 321, COM S 327, ENGL 250
 2688005 1 MWF 2:10-3:00
 R 1:10-2:00
 MEETS: JAN 9-MAY 5

OBJCT-ORIEN ANALY&D COM S 362 3 CREDITS
 Prereq: 228 WITH C- OR BETTER, ENGL 250 OR
 ENGL 105
 2622005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW

INTR DATABS MGT SYS COM S 363 3 CREDITS
 Prereq: 228 WITH C- OR BETTER, ENGL 250
 OR ENGL 105
 2689005 TR 12:40-1:55
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN COM S 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Instructor permission required.
 2691005 ARRANGED
 MEETS: JAN 9-MAY 5

SR PROJ CPTR GAM II COM S 402B 2 CREDITS
 Prereq: COM S 402A
 9708005 ARRANGED
 MEETS: JAN 9-MAY 5

FORML MTHDS SFTWR E COM S 412 3 CREDITS
 Prereq: COM S 230 OR CPR E 310; COM S 311,
 STAT 330
 8536005 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

SOFTWARE TESTING COM S 417 3 CREDITS
 Prereq: COM S 309, COM S 230 OR CPR E 310;
 ENGL 250, SP CM 212
 2712005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

INTR CMPPTNL GEOMTRY COM S 418 3 CREDITS
 Prereq: 311 OR INSTRUCTOR PERMISSION
 5952005 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

LOGIC MATH&CPTR SCI COM S 421 3 CREDITS
 Prereq: MATH 301 OR MATH 207 OR MATH 317 OR
 COM S 230
 6476005 TR 11:00-12:15
 MEETS: JAN 9-MAY 5

COMPUTER SCIENCE (CONTINUED)

COMPUTER SCIENCE (CONTINUED)

ADVNC D PROGRAM 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
 MEETS: JAN 9-MAY 5

LG DATA SET ALGRTHM COM S 435 3 CREDITS
 Prereq: COM S 228; COM S 230 OR CPR E 310;
 COM S 311 OR EQUIVALENT
 9618005 TR 9:30-10:45
 MEETS: JAN 9-MAY 5

CPTR GAME&MEDIA PRG COM S 437 3 CREDITS
 Prereq: COM S 336 OR PERMISSION OF INSTRUCTOR
 2793005 MW 3:10-4:30
 MEETS: JAN 9-MAY 5

DIST&NETWK OPER SYS COM S 454 3 CREDITS
 Prereq: 311, 352, ENGL 250 ENGL 105, SP CM 212
 2696005 TR 2:10-3:25
 MEETS: JAN 9-MAY 5

INTRO MACHINE LRNG COM S 474 3 CREDITS
 Prereq: COM S 311, COM S 230 OR CPR E 310,
 STAT 330, MATH 165, ENGL 250, SP CM 212, COM S 342
 OR COMPARABLE PROGRAMMING EXPERIENCE
 2253005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

FUND CMPTR NETWRKNG COM S 486 3 CREDITS
 Prereq: 352
 5060005 TR 11:00-12:15
 MEETS: JAN 9-MAY 5

NTWRK PROG,APPS,RES COM S 487 3 CREDITS
 Prereq: COM S 352 OR CPR E 489 OR EQUIVALENT
 2972005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

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

DSN&ANALY ALGORITHM COM S 511 3 CREDITS
 Prereq: 311
 2706005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

FORML MTHDS SFTWR E COM S 512 3 CREDITS
 Prereq: 311, 330
 2707010 2 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

SMART HOME GERONTEC COM S 514 3 CREDITS
 Prereq: COM S 227 OR COM S 207 OR GERON 377
 OR ARTGR 271 OR EQUIVALENT
 2786005 TR 11:00-12:15
 MEETS: JAN 9-MAY 5

SOFTWARE SYS SAFETY COM S 515 3 CREDITS
 Prereq: 309 OR 311, 342
 6810005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

INTR CMPTNL GEOMTRY COM S 518 3 CREDITS
 Prereq: 311 OR PERMISSION OF INSTRUCTOR
 5866005 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

THEORY OF COMPUTATN COM S 531 3 CREDITS
 Prereq: 331
 2709005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

GENOME ASSEMBL&ANLY COM S 551 3 CREDITS
 Prereq: 311, SOME KNOWLEDGE OF PROGRAMMING
 7908005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

PRIN OPERAT SYSTEMS COM S 552 3 CREDITS
 Prereq: 352
 2713010 2 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

DISTRIBUTED SYSTEMS COM S 554 3 CREDITS
 Prereq: 311, 352
 2714005 TR 2:10-3:25
 MEETS: JAN 9-MAY 5

SEC PRIVCY IN CLOUD COM S 559X 3 CREDITS
 Prereq: COM S 352 OR CPR E 308 AND COM S 486 OR
 CPR E 489 OR CPR E 530
 9712005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

ADV GENOME INFORMTC COM S 568 3 CREDITS
 Prereq: BCB 567 OR BIOL 315 AND STAT 430;
 CREDIT OR ENROLLMENT IN GEN 409
 3310005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

MACHINE LEARNING COM S 573 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 2660005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

COMPUTATNL PERCEPTN COM S 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 3246005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

3246600 XE ARRANGED STOYTCHEV A
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

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 9-MAY 5

SPECIAL TOPICS COM S 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH COLLOQUIA COM S 592 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8406005 R 3:40-5:00
 MEETS: JAN 9-MAY 5

GRADUATE INTERNSHIP COM S 598 R CREDIT
 Prereq: GRADUATE CLASSIFICATION
 5627005 ARRANGED
 MEETS: JAN 9-MAY 5

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: COM S 330
 8149005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

ADV TOP LANG SMANTC COM S 641 3 CREDITS
 Prereq: COM S 531, COM S 541
 2725010 2 TR 12:40-1:55
 MEETS: JAN 9-MAY 5

ADV TOPC DATABA SYS COM S 661 3 CREDITS
 Prereq: 461 OR 561
 2727005 TR 2:10-3:25
 MEETS: JAN 9-MAY 5

COMPUTER SCIENCE (CONTINUED)

ADV TOP CMPUT INTEL COM S 673 3 CREDITS
 Prereq: 572 OR 573 OR 472 OR 474
 9467010 2 TR 12:40-1:55
 MEETS: JAN 9-MAY 5

RESEARCH COM S 699 VAR. CREDITS
 Prereq: APPROVAL OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONSTRUCTION ENGINEERING

ORIENT TO PRO LIFE CON E 122 1 CREDIT
 5269005 1 R 4:10-6:00PM
 MEETS: JAN 9-MAY 5

CONTRACTR ORG & MGT CON E 222 3 CREDITS
 Prereq: COMPLETION OF BASIC PROGRAM
 2363005 1 MTW 11:00-11:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

MECH/ELEC MTRLS&MTH CON E 251 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 241
 2377005 1 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

ENGINEERING LAW CON E 380 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 5102005 1A MW 3:10-4:30
 MEETS: JAN 9-MAY 5
 Note: SEC 1A FOR MAJORS OTHER THAN CON E ONLY
 5102010 1B MW 3:10-4:30
 MEETS: JAN 9-MAY 5
 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 9-MAY 5

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: PERMISSION OF DEPT AND ENGINEERING
 CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONSTR COST EST&ENG CON E 422 3 CREDITS
 Prereq: CON E 241 AND CON E 251
 2747005 1 T 11:00-12:50
 R 11:00-12:50
 MEETS: JAN 9-MAY 5

CONSTRUCTION ENGINEERING (CONTINUED)

CON PLAN,SCHED,CNTL CON E 441 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 421
 2742005 1 MW 11:00-11:50
 T 9:00-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

CONSTRUC E DESIGN I CON E 487 3 CREDITS
 Prereq: CON E 380 OR ACCT 215, CON E 340 (B,H),
 CON E 352 (B,E,M), CON E 353 (B,E,M), CON E 421,
 CON E 441. STUDENT MUST BE WITHIN TWO SEMESTERS OF
 GRADUATING.
 7639005 1 MF 12:10-1:00
 T 11:00-1:00, ARRANGED
 MEETS: JAN 9-MAY 5

7639010 2 MF 12:10-1:00
 T 3:10-5:00, ARRANGED
 MEETS: JAN 9-MAY 5

7639015 3 MF 12:10-1:00
 R 11:00-1:00, ARRANGED
 MEETS: JAN 9-MAY 5

CON ENGR DESIGN II CON E 488 3 CREDITS
 Prereq: CON E 380 OR ACCT 215. CONCURRENT
 ENROLLMENT IN CON E 487.
 7524005 1 M 9:00-9:50
 M 10:00-10:50
 WF 9:00-10:50
 MEETS: JAN 9-MAY 5

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

INTRO FORENSIC SCI CJ ST 220X 3 CREDITS
 9720005 A ARRANGED BUTIN E
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW

9720600 XW ARRANGED BUTIN E
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

INTR CRIMINL JUSTIC CJ ST 240 3 CREDITS
 4719005 A1 TR 3:40-5:00 HEIRIGS M
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO CJ ST, INDIS,
 SOC MAJORS ONLY

4719010 A2 TR 3:40-5:00 HEIRIGS M
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN CJ ST, INDIS,
 SOC

AMER JUDICIAL PROC CJ ST 320 3 CREDITS
 Prereq: POL S 215
 2577005 A TR 2:10-3:30
 MEETS: JAN 9-MAY 5

2577010 B TR 2:10-3:30
 MEETS: JAN 9-MAY 5

PHILOSOPHY OF LAW CJ ST 332 3 CREDITS
 Prereq: PHIL 201 OR 230
 Note: Instructor permission required 1st week.
 2578005 MWF 8:00-8:50 WOLF C
 MEETS: JAN 9-MAY 5

DEVIANT &CRIM BEHAV CJ ST 340 3 CREDITS
 Prereq: SOC 130 OR 134
 2579005 A MWF 11:00-11:50 BEHNKEN M
 MEETS: JAN 9-MAY 5

CRIMINOLOGY CJ ST 341 3 CREDITS
 Prereq: SOC 130 OR 134
 3175005 A MWF 10:00-10:50 HOCHSTETLER A
 MEETS: JAN 9-MAY 5

POLICE AND SOCIETY CJ ST 351 3 CREDITS
 Prereq: 240 OR 241
 7751005 A1 M 6:10-9:00PM BRINKLEY J
 MEETS: JAN 9-MAY 5

7751010 A2 M 6:10-9:00PM BRINKLEY J
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN AG SO, P S A,
 SOC

CRIMINAL JUSTICE STUDIES		(CONTINUED)
PNISH_CORECTN&SOCIE	CJ ST 352	3 CREDITS
Prereq: 240 OR 241		
7762005	A TR 8:00-9:20	DRURY A
	MEETS: JAN 9-MAY 5	
WHITE-COLLAR CRIME	CJ ST 402	3 CREDITS
Prereq: 240 OR 241		
8482005	A MWF 11:00-11:50	HOCHSTETLER A
	MEETS: JAN 9-MAY 5	
CRIMINAL OFFENDERS	CJ ST 403	3 CREDITS
Prereq: 240 OR 241		
3805600	XW ARRANGED	DELISI M
	MEETS: JAN 9-MAY 5	
Note: Section XW is off campus Course delivery is WWW		
CAPITAL PUNISHMENT	CJ ST 410X	3 CREDITS
Prereq: CJ ST 240		
9819005	TR 2:10-3:30	BURGASON K
	MEETS: JAN 9-MAY 5	
CRIM & JUV JUST PRAC	CJ ST 460	3-12 CREDITS
Prereq: JR OR SR CLASSIFICATION; PERMISSION OF CJ ST COORDINATOR; MAJOR OR MINOR IN CJ ST OR SOC		
Note: NO MORE THAN 9 CREDITS OF SOC 460/CJ ST 460 MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN SOC 460/CJ ST 460 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.		
	Satisfactory-Fail Only.	
2581005	ARRANGED	DELISI M
	MEETS: JAN 9-MAY 5	
TOPIC CRIM&JUV JUST	CJ ST 484	3 CREDITS
Prereq: A W 5:30-8:30PM		
2624005		DRURY A
	MEETS: JAN 9-MAY 5	
2624010	B MWF 12:10-1:00	BEHNKEN M
	MEETS: JAN 9-MAY 5	

CURRICULUM & INSTRUCTION

PK-6 CLSRM TECNOLGI	C I 201	3 CREDITS
3015005	1 TR 11:00-11:50	
	M 10:00-11:50	
	MEETS: JAN 9-MAY 5	
Note: SEC 1 RESTRICTED TO EL ED MAJORS ONLY		
3015010	2 TR 11:00-11:50	
	W 8:00-9:50	
	MEETS: JAN 9-MAY 5	
Note: SEC 2 RESTRICTED TO EL ED MAJORS ONLY		
3015015	3 TR 11:00-11:50	
	W 10:00-11:50	
	MEETS: JAN 9-MAY 5	
Note: SEC 3 RESTRICTED TO EL ED & ECE MAJORS ONLY		
3015020	4 TR 11:00-11:50	
	W 12:10-2:00	
	MEETS: JAN 9-MAY 5	
Note: SEC 4 RESTRICTED TO EL ED MAJORS ONLY		
3015025	5 TR 11:00-11:50	
	R 12:10-2:00	
	MEETS: JAN 9-MAY 5	
Note: SEC 5 RESTRICTED TO EL ED MAJORS ONLY		
3015030	6 TR 11:00-11:50	
	M 12:10-2:00	
	MEETS: JAN 9-MAY 5	
Note: SEC 6 RESTRICTED TO EL ED MAJORS ONLY		
3015035	7 TR 11:00-11:50	
	T 9:00-10:50	
	MEETS: JAN 9-MAY 5	
Note: SEC 7 RESTRICTED TO EL ED MAJORS ONLY		
3015040	8 TR 11:00-11:50	
	R 9:00-10:50	
	MEETS: JAN 9-MAY 5	
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 9-MAY 5	
2464010	2 TR 2:10-3:00	
	F 8:00-9:50	
	MEETS: JAN 9-MAY 5	
2464015	3 TR 2:10-3:00	
	F 10:00-11:50	
	MEETS: JAN 9-MAY 5	
2464020	4 TR 2:10-3:00	
	F 12:10-2:00	
	MEETS: JAN 9-MAY 5	
2464025	5 TR 2:10-3:00	
	F 2:10-4:00	
	MEETS: JAN 9-MAY 5	

CURRICULUM & INSTRUCTION		(CONTINUED)
SOC FOUND U.S. EDUC	C I 204	3 CREDITS
6278005	1 TR 9:30-10:45	
	MEETS: JAN 9-MAY 5	
6278010	2 TR 2:10-3:25	
	MEETS: JAN 9-MAY 5	
6278015	3 MW 2:10-3:25	
	MEETS: JAN 9-MAY 5	
6278020	4 TR 12:40-1:55	
	MEETS: JAN 9-MAY 5	
6278025	5 TR 11:00-12:15	
	MEETS: JAN 9-MAY 5	
6278030	6 MW 2:10-3:25	
	MEETS: JAN 9-MAY 5	
SOCIAL FOUND SCHOOL	C I 205X	3 CREDITS
8821005	1 TR 2:10-3:25	
	MEETS: JAN 9-MAY 5	
8821010	2 TR 9:30-10:45	
	MEETS: JAN 9-MAY 5	
8821015	3 TR 11:00-12:15	
	MEETS: JAN 9-MAY 5	
8821020	4 MW 4:10-5:25	
	MEETS: JAN 9-MAY 5	
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	T 8:00-8:50	SHARP L
	MEETS: JAN 9-MAY 5	
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 9-MAY 5	
STRATEGIES IN TCHNG	C I 245	3 CREDITS
Prereq: C I 204, SOPHOMORE CLASSIFICATION		
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY		
3238005	1 MW 10:00-11:50	
	MEETS: JAN 9-MAY 5	
3238010	2 MW 12:10-2:00	
	MEETS: JAN 9-MAY 5	
3238015	3 MW 2:10-4:00	
	MEETS: JAN 9-MAY 5	
3238020	4 TR 10:00-11:50	
	MEETS: JAN 9-MAY 5	
3238025	5 TR 12:10-2:00	
	MEETS: JAN 9-MAY 5	
3238030	6 TR 2:10-4:00	
	MEETS: JAN 9-MAY 5	
3238035	7 MW 8:00-9:50	
	MEETS: JAN 9-MAY 5	
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 9-MAY 5	
6279010	2 ARRANGED	
	MEETS: JAN 9-MAY 5	
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 9-MAY 5	
PRE-TCH EXP I: MUSIC	C I 280K	.5 CREDIT
Satisfactory-Fail Only.		
5673005	ARRANGED	
	MEETS: JAN 9-MAY 5	
EXPRNC 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 9-MAY 5	
Note: SEC 1 OFFERED FOR .5 CREDIT SPRING 2017		
2843010	2 R 3:10-5:00	
	MEETS: JAN 9-MAY 5	
EXPRNC I: SECNDY SCI	C I 280M	1- 2 CREDITS
Prereq: FOR 2 CREDITS - PERMISSION OF INSTRUCTOR		
Note: CLASSROOM MEETING DATES JAN. 12 TO MARCH 3		
Satisfactory-Fail Only.		
8266005	1 MW 8:00-8:50, ARRANGED	
	MEETS: JAN 9-MAY 5	

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

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 9-MAY 5

EXPERIENC I: ART ED C I 2800 1 CREDIT
 Prereq: PERMISSN OF THE ART AND DESIGN DEPARTMENT
 Satisfactory-Fail Only.
 1904005 1 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

EXPERNC I:TUTORING 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 9-MAY 5

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 9-MAY 5

TRANSFR ORIENTATION C I 315 1 CREDIT
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 3250005 1 TR 8:00-8:50
 MEETS: JAN 10-MARCH 31

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 1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 3/25-4/15. STUDENT MUST ENROLL IN
 SAME SECTION NUMBER OF CI 448
 2066005 1 MW 8:00-10:30
 MEETS: JAN 9-MAY 5
 Note: NO MEETINGS MARCH 20 TO APRIL 14.
 RESTRICTED TO EL ED STUDENTS FULLY
 ACCEPTED INTO TEACHER EDUCATION.
 2066010 2 MW 11:00-1:30
 MEETS: JAN 9-MAY 5
 Note: NO MEETINGS MARCH 20 TO APRIL 14.
 RESTRICTED TO EL ED STUDENTS FULLY
 ACCEPTED INTO TEACHER EDUCATION.
 2066015 3 MW 2:10-4:40
 MEETS: JAN 9-MAY 5
 Note: NO MEETINGS MARCH 20 TO APRIL 14.
 RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO
 TEACHER EDUCATION.
 2066020 4 MW 9:30-12:00
 MEETS: JAN 9-MAY 5
 Note: NO MEETINGS MARCH 20 TO APRIL 14.
 RESTRICTED TO ECE STUDENTS FULLY
 ACCEPTED INTO TEACHER EDUCATION.

RDG&LANG ARTS 4TH-6 C I 378 4 CREDITS
 Prereq: 377; CONCURRENT ENRLMNT IN 449,468B,468D
 Note: MUST ENROLL IN SAME SECTION NUMBER OF 449.
 NO MEETINGS 2/13-3/10
 Department permission required 1st week.
 2078005 1 TR 8:00-10:30
 MEETS: JAN 9-MAY 5
 2078010 2 TR 8:00-10:30
 MEETS: JAN 9-MAY 5
 2078015 3 TR 2:10-4:40
 MEETS: JAN 9-MAY 5
 2078020 4 TR 11:00-1:30
 MEETS: JAN 9-MAY 5
 2078025 5 TR 2:10-4:00
 MEETS: JAN 9-MAY 5
 2078030 6 TR 2:10-4:40
 MEETS: JAN 9-MAY 5

READING & LITERACY C I 395 3 CREDITS
 Prereq: 204 AND JUNIOR STANDING
 9656005 1 TR 9:30-10:45
 MEETS: JAN 9-MAY 5

SOC JUSTC ED:ECE&EL C I 405X 3 CREDITS
 Prereq: C I 201, C I 332, JUNIOR CLASSIFICATION,
 ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: NO MEETINGS 3/20-4/14
 Meets U.S. diversity reqmt
 8502005 1 MW 1:10-3:00
 MEETS: JAN 9-MAY 5
 8502010 2 MW 11:00-12:50
 MEETS: JAN 9-MAY 5
 8502015 3 MW 9:00-10:50
 MEETS: JAN 9-MAY 5
 8502020 4 MW 2:10-4:00
 MEETS: JAN 9-MAY 5

INTRO MLTCULTRL FND C I 406 3 CREDITS
 Prereq: 201 OR 202, 332 OR 333, JUNIOR
 CLASSIFICATION, ADMISSION TO TEACHER EDUC PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Meets U.S. diversity reqmt
 6292005 1 MW 3:40-4:55
 MEETS: JAN 9-MAY 5
 Note: SEC 1 FOR STUDENTS ON SECED
 6292010 2 TR 3:40-4:55
 MEETS: JAN 9-MAY 5
 Note: SEC 2 RESTRICTED TO ECE, EL ED MAJORS ONLY
 6292015 3 R 5:10-8:00PM
 MEETS: JAN 9-MAY 5
 Note: SEC 3 FOR STUDENTS IN SECED

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 2016
 Department permission required 1st week.
 5054005 1A ARRANGED
 MEETS: JAN 9-MARCH 3
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5054015 1R ARRANGED
 MEETS: JAN 9-MARCH 3
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5054010 2A ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 5054020 2R ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

SUPV TCHG:GRADES4-6 C I 416B VAR. CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
 449; RESERVATION REQUIRED
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 COURSE OFFERED FOR 8 CREDITS SPRING 2016
 Department permission required 1st week.
 5056005 1A ARRANGED
 MEETS: JAN 9-MARCH 3
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5056015 1R ARRANGED
 MEETS: JAN 9-MARCH 3
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5056010 2A ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 5056020 2R ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 5056035 3S ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 3S OFFERED FOR 16 CREDITS SPRING 2016
 FOR STUDENTS TEACHING IN DES MOINES PUBLIC SCHOOL
 SYSTEM

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 2016
 5057005 1A ARRANGED
 MEETS: JAN 9-MARCH 3
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5057015 1R ARRANGED
 MEETS: JAN 9-MARCH 3
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.

CURRICULUM & INSTRUCTION (CONTINUED)

SUPV TCHG:WRLD LANG C I 416C VAR. CREDITS
 5057010 2A ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

5057020 2R ARRANGED
 MEETS: MARCH 6-MAY 5
 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 2016

5053005 ARRANGED
 MEETS: MARCH 6-MAY 5

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 2016

6824005 ARRANGED
 MEETS: MARCH 6-MAY 5

STDT TCH SOC ST MID C I 417A VAR. CREDITS
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

8046005 1 ARRANGED
 MEETS: JAN 9-MARCH 3

8046010 2 ARRANGED
 MEETS: MARCH 6-MAY 5

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 9-MARCH 3

9044010 2 ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: SEC 2 OFFERED FOR 8 CREDITS SPRING 2017.

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 9-MAY 5

9045010 2 ARRANGED
 MEETS: JAN 23-MAY 5

9045015 3 ARRANGED
 MEETS: JAN 9-MARCH 3

9045020 4 ARRANGED
 MEETS: MARCH 6-MAY 5
 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 2017

9046005 1 ARRANGED
 MEETS: JAN 9-APRIL 21

9046010 2 ARRANGED
 MEETS: JAN 23-MAY 5

9046015 3 ARRANGED
 MEETS: JAN 9-MARCH 3

9046020 4 ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: Instructor permission required.

STUDNT TCH ENGL&LIT C I 417E VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

9047005 1 ARRANGED
 MEETS: JAN 9-MAY 5

9047010 2 ARRANGED
 MEETS: JAN 9-MARCH 3

9047015 3 ARRANGED
 MEETS: MARCH 6-MAY 5

9047020 4 ARRANGED
 MEETS: JAN 9-MAY 5

9047025 5 ARRANGED
 MEETS: JAN 9-MAY 5

CURRICULUM & INSTRUCTION (CONTINUED)

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 9-APRIL 21

9049010 2 ARRANGED
 MEETS: JAN 23-MAY 5

9049015 3 ARRANGED
 MEETS: JAN 9-MARCH 3

9049020 4 ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: SEC 4 OFFERED FOR 8 CREDITS. Instructor permission required.

STDNNT 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 9-APRIL 21

9051010 2 ARRANGED
 MEETS: JAN 23-MAY 5

9051015 3 ARRANGED
 MEETS: JAN 9-MARCH 3

9051020 4 ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: SEC 4 OFFERED FOR 8 CREDITS. Instructor permission required.

STDNNT 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 9-APRIL 21

9054010 2 ARRANGED
 MEETS: JAN 23-MAY 5

9054015 3 ARRANGED
 MEETS: JAN 9-MARCH 3

9054020 4 ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: SEC 4 OFFERED FOR 8 CREDITS. Instructor permission required.

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 9-MARCH 3

8612010 2 ARRANGED
 MEETS: MARCH 6-MAY 5

STUDNT TCH ELEM MUS C I 417R VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2017

6702005 1 ARRANGED
 MEETS: JAN 9-MARCH 3

6702010 2 ARRANGED
 MEETS: MARCH 6-MAY 5

STUDNT TCHG SEC MUS C I 417S VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2017

6682005 1 ARRANGED
 MEETS: JAN 9-MARCH 3

6682010 2 ARRANGED
 MEETS: MARCH 6-MAY 5

SECNDY SCI METHD II C I 419 3 CREDITS
 Prereq: 347,280M,418; CONCURRENT ENROLLMT IN 468K M 5:10-8:00PM
 MEETS: JAN 9-MAY 5
 Note: CONCURRENT ENROLLMENT IN 468K REQUIRED.

9019005

PRINCIPLS SECNDY ED C I 426 3 CREDITS
 Prereq: 202, SR CLASSIFICATION, ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

6293005 1 W 5:30-8:20PM
 MEETS: JAN 9-MAY 5

6293010 2 TR 11:00-12:15
 MEETS: JAN 9-MAY 5

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

SOC STDI PRIM GRADE C I 433 2 CREDITS
 Prereq: C I 377, HD FS 224. CONCURRENT ENROLLMENT IN C I 439, SP ED 355, SP ED 455.
 Note: NO MEETINGS FEB 13 TO MARCH 10
 4487005 1 W 8:00-10:30
 MEETS: JAN 9-MAY 5

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.
 Note: NO MEETINGS MARCH 20-APRIL 14
 4489005 MW 8:00-9:15
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 Note: NO MEETINGS FEB 13-MARCH 10

TCHG OF SOC STUDIES C I 443 3 CREDITS
 Prereq: 377
 Note: NO MEETINGS FEB 13-MARCH 10
 Department permission required 1st week.
 3258005 1 TR 1:10-3:00
 MEETS: JAN 9-MAY 5
 3258010 2 TR 11:00-12:50
 MEETS: JAN 9-MAY 5
 3258015 3 TR 9:00-10:50
 MEETS: JAN 9-MAY 5
 3258020 4 TR 2:10-4:00
 MEETS: JAN 9-MAY 5
 3258025 5 MW 11:00-12:50
 MEETS: JAN 9-MAY 5
 3258030 6 MW 12:10-2:00
 MEETS: JAN 9-MAY 5
 3258035 7 MW 12:10-2:00
 MEETS: JAN 9-MAY 5

TCHNG CHILDREN MATH C I 448 3 CREDITS
 Prereq: MATH 195, 196, CONCURRENT ENROLLMENT IN C I 377, 468A, 468C
 Note: NO MEETINGS MARCH 21-APRIL 14
 COURSE RESTRICTED TO EL ED MAJORS ONLY
 Department permission required 1st week.
 3260005 1 MW 1:10-3:00
 MEETS: JAN 9-MAY 5
 3260010 2 MW 11:00-12:50
 MEETS: JAN 9-MAY 5
 Note: RESTRICTED TO EL ED MAJORS ONLY
 3260015 3 MW 9:00-10:50
 MEETS: JAN 9-MAY 5
 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 13-MARCH 10
 Department permission required 1st week.
 3261005 1 TR 11:00-12:50
 MEETS: JAN 9-MAY 5
 3261010 2 TR 1:10-3:00
 MEETS: JAN 9-MAY 5
 3261015 3 TR 11:00-12:50
 MEETS: JAN 9-MAY 5
 3261020 4 TR 9:00-10:50
 MEETS: JAN 9-MAY 5
 3261025 5 TR 1:10-3:00
 MEETS: JAN 9-MAY 5
 3261030 6 TR 12:10-2:00
 MEETS: JAN 9-MAY 5

LITERCY&LRNG ASESMT C I 452 3 CREDITS
 Prereq: C I 378 OR EQUIVALENT
 Note: TUTORING TUES, THURS 5:30-6:30
 JAN 31-APRIL 13
 6584005 T 5:10-8:30PM
 R 5:10-8:30PM
 MEETS: JAN 9-MAY 5

EMERG TOPC DGTL TEC C I 454 1- 3 CREDITS
 Prereq: 201 OR 202
 9436005 1 ARRANGED
 MEETS: DEC 13-MARCH 10
 Note: SEC 1: TOPIC DIGITAL FABRICATION & MARKERSPACES IN EDUCATION
 9436010 2 ARRANGED
 MEETS: MARCH 20-APRIL 14
 Note: SEC 2 TOPIC: BLENDED LEARNING IN THE PRE K-12 CLASSROOM

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.
 Satisfactory-Fail Only.
 3265005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 20-APRIL 14

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.
 Satisfactory-Fail Only.
 3266005 1 TR 7:30-4:30, ARRANGED
 MEETS: FEB 16-MARCH 10

EXP II:MATH PRIMARY C I 468C 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 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.
 Satisfactory-Fail Only.
 3267005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 20-APRIL 14

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.
 Satisfactory-Fail Only.
 3268005 1 TR 7:30-4:30, ARRANGED
 MEETS: FEB 13-MARCH 10

EXP II:LITRCY PRMRY C I 468F 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Note: REQUIRED MEETING - MONDAY, FEB 2 AT 8:30AM 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 20-APRIL 14

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 20-APRIL 14

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 13-MARCH 10

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 9-MAY 5

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 13-MARCH 10

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

EXPERC III:HIST/SOC C I 480A 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2017.
 6581005 ARRANGED BREMER J
 MEETS: JAN 9-MAY 5

EXPERNC III:ENGLISH C I 480E 1- 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 5062005 1 ARRANGED
 MEETS: JAN 9-MAY 5

EXPERNE III: MUSIC C I 480K 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2017
 Satisfactory-Fail Only.
 9064005 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 5:10-8:30PM
 MEETS: JAN 31-APRIL 13

9461010 2 T 5:10-8:30PM
 R 5:10-8:30PM
 MEETS: JAN 9-MAY 5
 Note: Materials and equipment use fee \$25.00

INDEP STDY MUSIC ED C I 490A VAR. CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CURR CONSTR C I 490C 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU PRIN EDUC C I 490D 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY METHD TCHG C I 490E 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EDUC PSYCH C I 490F 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU DIGITL LRNG C I 490G 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C I 490H 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU MULTICUL ED C I 490J 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU HIST/SOC SC C I 490K 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU LITERACY ED C I 490L 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU MATH EDUC C I 490M 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY FOUND EDUC C I 490O 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY SCI EDUC C I 490P 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACH LIT SECONDARY C I 494 3 CREDITS
 Prereq: ENGL 310, 397, 9 OTHER CREDITS IN ENGLISH
 BEYOND 250, PSYCH 333, ADMISSION TO TEACHER EDUC PROG
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 6305005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

MTHDS TCHG HIST/SOC C I 498 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN 480A; ADMISSION
 TO TEACHER EDUC; 30 CREDITS IN SUBJECT-MATTER FIELD
 8504005 F 1:10-4:00 RUTENBERG A
 MEETS: JAN 9-MAY 5

ALGEBRA K-12 CLSRMS C I 508 3 CREDITS
 Prereq: C I 448 OR C I 497
 7172005 M 5:10-8:00PM
 MEETS: JAN 9-MAY 5

ACTION RESRCH IN ED C I 515 3 CREDITS
 Prereq: ADMISSION TO GRAD STUDY, ONE COURSE IN
 RESEARCH METHODS, EDUCATIONAL INQUIRY, STATISTICS,
 EDUCATIONAL PSYCHOLOGY, OR INSTRUCTIONAL DESIGN
 1901600 XW ARRANGED CRAWFORD D
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WW

STUDNT TCH PHYS SCI C I 517B VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2460005 ARRANGED
 MEETS: JAN 9-MAY 5

STUDNT TEACHNG MATH C I 517C VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2466005 ARRANGED
 MEETS: JAN 9-MAY 5

STUDNT TCH BIOL SCI C I 517D VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2475005 ARRANGED
 MEETS: JAN 9-MAY 5

STDNT TCH:EARTH SCI C I 517J VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2476005 ARRANGED
 MEETS: JAN 9-MAY 5

STDNT TCH: BASIC SCI C I 517M VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2480005 ARRANGED
 MEETS: JAN 9-MAY 5

SEC DY SCI METHDS II C I 519 3 CREDITS
 Prereq: 418 OR 518, CONCURRENT ENROLLMENT IN 591D
 2575005 M 5:10-8:00PM
 MEETS: JAN 9-MAY 5

PRIN SECONDARY EDUC C I 526 3 CREDITS
 Prereq: 6 CREDITS IN EDUCATION
 Note: MUST TAKE CONCURRENTLY WITH CI 415
 7724005 1 TR 11:00-12:15
 MEETS: JAN 9-MAY 5

HOW LEARN,TEACH SCI C I 541 3 CREDITS
 Prereq: BACHELOR'S DEGREE
 6701005 1 W 5:10-8:00PM
 MEETS: JAN 9-MAY 5

CORRECTIVE READING C I 552 3 CREDITS
 Prereq: C I 378 OR EQUIV
 Note: TUTORING ON TUES. & THURS. 5:30-6:30 P.M
 JAN 31-APRIL 13
 3276005 T 5:10-8:30PM
 R 5:10-8:30PM
 MEETS: JAN 31-APRIL 13

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

RDG&RSPND CHILD LIT C I 554 3 CREDITS
 Prereq: SENIOR STATUS OR TEACHING LICENSE
 1672005 1 M 5:30-8:30PM
 MEETS: JAN 9-MAY 5
 1672010 2 W 5:30-8:30PM
 MEETS: JAN 9-MAY 5

SUPVS TUTOR READING C I 588 3 CREDITS
 Prereq: GRADUATE STATUS, TEACHING LICENSE AND
 CONCURRENT ENROLLMENT IN OR COMPLETION OF ONE COURSE
 CORRECTIVE READING; DIAGNOSIS AND CORRECTION OF
 READING PROBLEMS
 Note: COURSE RESTRICTED TO GRADS ONLY.
 9245005 1 R 5:10-8:30PM
 T 5:10-8:30PM
 MEETS: JAN 31-APRIL 13
 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 2017.
 5058005 1 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 1 FOR SCIENCE STUDENTS

EXPERC:SECNDRY MATH C I 591G 1- 4 CREDITS
 Prereq: 15 GRADUATE CREDITS IN SPECIALTY AREA;
 FULL ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2017
 2017005 1 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

MULTICUL EDUC WKSHP C I 593F 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 2815005 1 W 5:10-8:00PM
 MEETS: JAN 9-MAY 5

CRTV COMP CURRICULM C I 599A 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP DIGITL LRNG C I 599B 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRT COMP SCIENCE ED C I 599C 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SECNDR ED C I 599D 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP MULTICUL ED C I 599F 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP MATH EDUC C I 599G 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPON ELEM ED C I 599I 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR CMP WRLD LANG ED C I 599J 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP EDU PSYCH C I 599K 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SOC STUDI C I 599L 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP LITERC ED C I 599M 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR SCIENCE ED C I 615C 1 CREDIT
 5268005 ARRANGED
 MEETS: JAN 9-MAY 5

ADV SPCL TOP CURRIC C I 690A VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP DGTL LRN C I 690B VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SCI ED C I 690C VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SEC ED C I 690D VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MLTICUL C I 690F VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MATH ED C I 690G VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TP WRL LANG C I 690J VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP ED PSYC C I 690K VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP SOC STU C I 690L VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LITERACY ED C I 690M VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CURRICULUM C I 699A VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH DIGITAL LEARN C I 699B VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SCIENCE EDUC C I 699C VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SECNDRY EDUC C I 699D VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MULTICULTURL ED C I 699F VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION (CONTINUED)

RESEARCH MATH EDUC C I 699G VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ELEM EDUC C I 699I VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH EDUC PSYCHOL C I 699K VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOC STUDI ED C I 699L VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH LITERACY ED C I 699M VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

DANCE

MODERN DANCE I DANCE 120 1 CREDIT
 Satisfactory-Fail Only.
 2838005 1 MW 11:00-12:20 ADAMS C
 MEETS: JAN 9-MAY 5

BALLET I DANCE 130 1 CREDIT
 Satisfactory-Fail Only.
 2839005 1 TR 12:40-2:00 ADAMS C
 MEETS: JAN 9-MAY 5

JAZZ I DANCE 140 1 CREDIT
 Satisfactory-Fail Only.
 2840005 1 TR 12:40-2:00 BAKER J
 MEETS: JAN 9-MAY 5

BALLROOM DANCE I DANCE 160 1 CREDIT
 Satisfactory-Fail Only.
 2842005 1 TR 10:00-10:50 BAKER J
 MEETS: JAN 9-MAY 5
 Note: SEC 1 FOR MEN ONLY. MEETS WITH SEC 2
 2842010 2 TR 10:00-10:50 BAKER J
 MEETS: JAN 9-MAY 5
 Note: SEC 2 FOR WOMEN ONLY. MEETS WITH SEC 1
 2842015 3 TR 11:00-11:50 BAKER J
 MEETS: JAN 9-MAY 5
 Note: SEC 3 FOR MEN ONLY. MEETS WITH SEC 4
 2842020 4 TR 11:00-11:50 BAKER J
 MEETS: JAN 9-MAY 5
 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 2016
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2845005 1 ARRANGED BAKER J
 MEETS: JAN 9-MAY 5

FUND SOCIAL&WORLD D DANCE 211 1 CREDIT
 Note: COURSE RESTRICTED TO EX SP, KIN H MAJORS
 9612010 2 MW 10:00-10:50 BAKER J
 MEETS: JAN 9-MAY 5

MODERN DANCE III DANCE 223 1 CREDIT
 Prereq: 222
 2848005 1 TR 11:00-12:20 ADAMS C
 MEETS: JAN 9-MAY 5

CONCERT&THTRE DANCE DANCE 224 .5- 2 CREDITS
 Prereq: BY AUDITION ONLY
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2849005 1 ARRANGED BAKER J
 MEETS: JAN 9-MAY 5
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY
 2849010 2 ARRANGED BAKER J
 MEETS: JAN 9-MAY 5
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
 2849015 3 ARRANGED BAKER J
 MEETS: JAN 9-MAY 5
 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 ADAMS C
 MEETS: JAN 9-MAY 5

JAZZ II DANCE 242 1 CREDIT
 Prereq: PREVIOUS JAZZ DANCE EXPERIENCE
 2852005 1 TR 2:10-3:30 BAKER J
 MEETS: JAN 9-MAY 5

DANCE (CONTINUED)

DANCE APPRECIATION DANCE 270 3 CREDITS
 Note: Meets international perspectives reqmt
 2855005 1 MWF 1:10-2:00 BAKER J
 MEETS: JAN 9-MAY 5

SOUND AND MOVEMENT DANCE 320 3 CREDITS
 Prereq: 220
 2856005 TR 2:10-3:30 ADAMS C
 MEETS: JAN 9-MAY 5

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 ADAMS C
 MEETS: JAN 9-MAY 5

TCHG CHLDRN'S DANCE DANCE 384 2 CREDITS
 2859005 1 MWF 11:00-11:50 BAKER J
 MEETS: JAN 9-MAY 5

TCHNG TECHNIQ &COMP DANCE 386 2 CREDITS
 Prereq: 320
 2861005 1 MWF 12:10-1:00 BAKER J
 MEETS: JAN 9-MAY 5

HONORS INDEP STUDY DANCE 490H 1- 3 CREDITS
 Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DESIGN

DESIGN THINKING DES 230 3 CREDITS
 4957005 TR 2:10-3:30 LUETH P
 MEETS: JAN 9-MAY 5

DESIGN STUDIO I DES 240 2 CREDITS
 Prereq: DSN S 102, DSN S 131 AND DSN S 183
 4959005 1 MW 9:00-12:20
 MEETS: JAN 9-MARCH 3
 4959010 2 MW 9:00-10:50 SAKA E
 MW 10:50-12:20
 MEETS: MARCH 6-MAY 5
 4959015 3 MW 5:10-8:30PM JACKSON M
 MEETS: JAN 9-MARCH 3

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 10:00-11:50
 MEETS: JAN 9-MAY 5

DESIGN FIELD STUDY DES 259 R CREDIT
 Prereq: ENROLLMENT IN OR 2 CREDITS OF DES 240
 Satisfactory-Fail Only.
 4666005 ARRANGED
 MEETS: MARCH 25-26

VISUAL LIT DS CRITQ DES 330 3 CREDITS
 Prereq: DSN S 102 OR DSN S 183 OR 3 CREDITS
 OF ART H OR EQUIVALENT
 8284005 MW 3:40-5:00 VALENTINE O
 MEETS: JAN 9-MAY 5

DESIGN STUDIO II DES 340 2 CREDITS
 Prereq: 4 CREDITS OF DES 240
 6434005 1 TR 9:00-12:20 KNIGHT K
 MEETS: JAN 9-MARCH 3
 6434010 2 TR 9:00-12:20 OWENS K
 MEETS: MARCH 6-MAY 5
 6434015 3 TR 12:40-4:00 NEPPL T
 MEETS: MARCH 6-MAY 5

CAPSTONE EXPERIENCE DES 495 4 CREDITS
 Prereq: 2 CREDITS OF DES 340; CLASSIFICATION
 AS DES MAJOR
 8101005 MW 9:00-12:20 LAIR K
 MEETS: JAN 9-MAY 5

DESIGN STUDIES

DESIGN STUDIO I DSN S 102 4 CREDITS
 Note: ODD NUMBERED SEC ARE RESTRICTED TO THE COLLEGE
 OF DESIGN MAJORS ONLY. EVEN NUMBERED SEC ARE FOR
 MAJORS OTHER THAN IN THE COLLEGE OF DESIGN.
 8050005 1 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050010 2 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050015 3 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050020 4 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIO I DSN S 102 4 CREDITS
 8050025 5 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050030 6 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050035 7 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050040 8 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050045 9 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050050 10 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050055 11 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050060 12 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050065 13 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050070 14 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050075 15 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050080 16 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050085 17 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050090 18 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050095 19 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050100 20 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050105 21 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050110 22 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050115 23 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050120 24 TR 8:00-10:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050125 25 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050130 26 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050135 27 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050140 28 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050145 29 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 8050150 30 TR 11:00-1:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

DESIGN STUDIES

(CONTINUED)

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 9-MAY 5
 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 9-MAY 5
 DESIGN REPRESENTATN DSN S 131 4 CREDITS
 Note: ODD NUMBERED SEC ARE RESTRICTED TO THE COLLEGE
 OF DESIGN MAJORS ONLY. EVEN NUMBERED SEC ARE FOR
 MAJORS OTHER THAN IN THE COLLEGE OF DESIGN.
 Instructor permission required 1st week.
 2124005 1 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124010 2 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124015 3 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124020 4 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124025 5 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124030 6 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124035 7 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124040 8 MW 9:00-11:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124045 9 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124050 10 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124055 11 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124060 12 MW 12:10-3:00
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124065 13 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124070 14 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124075 15 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124080 16 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124085 17 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124090 18 MW 3:10-6:00PM
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124095 19 TR 11:00-1:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124100 20 TR 11:00-1:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124105 21 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124110 22 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124115 23 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 2124120 24 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 9-MAY 5
 DIVERSITY IN ART DSN S 145X 1 CREDIT
 Note: Meets U.S. diversity reqmt
 9775005 W 3:10-5:00
 MEETS: JAN 9-MAY 5

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIES

(CONTINUED)

DESIGN CULTURES DSN S 183 3 CREDITS
 5945005 1 TR 2:10-3:30
 F 10:00-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1 FOR MAJORS OTHER THAN COLLEGE OF DESIGN
 5945010 2 TR 2:10-3:30
 F 10:00-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC 2 RESTRICTED TO DESIGN COLLEGE MAJORS
 5945015 3 TR 2:10-3:30
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 5945020 4 TR 2:10-3:30
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 5945025 5 TR 2:10-3:30
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 5945030 6 TR 2:10-3:30
 F 12:10-1:00
 MEETS: JAN 9-MAY 5
 5945035 7 TR 2:10-3:30
 F 12:10-1:00
 MEETS: JAN 9-MAY 5
 5945040 8 TR 2:10-3:30
 F 1:10-2:00
 MEETS: JAN 9-MAY 5
 5945045 9 TR 2:10-3:30
 F 1:10-2:00
 MEETS: JAN 9-MAY 5
 DIGTL DSIGN CMUNICA DSN S 232 3 CREDITS
 2087005 1 TR 5:30-6:50PM
 MEETS: JAN 9-MAY 5
 2087040 2 TR 5:30-6:50PM
 MEETS: JAN 9-MAY 5
 STDY ABRD PREP SEMN DSN S 301 1 CREDIT
 Satisfactory-Fail Only.
 7396005 1 M 6:00-6:50PM
 MEETS: JAN 9-MAY 5
 DESIGN LEADRSHP SEM DSN S 302 2 CREDITS
 Prereq: SELECTION AS A PEER MENTOR FOR THE CORE
 DESIGN PROGRAM
 Satisfactory-Fail Only.
 8568005 1 W 6:10-7:00PM
 ARRANGED
 MEETS: JAN 9-MAY 5
 8568010 2 M 6:10-7:00PM
 ARRANGED
 MEETS: JAN 9-MAY 5
 DESIGN AMBASSADORS DSN S 303 1- 2 CREDITS
 Prereq: ADMITTANCE INTO ONE OF THE PROFESSIONAL
 PROGRAMS IN THE COLLEGE OF DESIGN
 Satisfactory-Fail Only.
 1677005 ARRANGED
 MEETS: JAN 9-MAY 5
 PRACTICAL EXPERIENC DSN S 310 R CREDIT
 Prereq: PERMISSION OF ADVISER OR COORDINATOR
 OF DESIGN STUDIES
 5669005 ARRANGED
 MEETS: JAN 9-MAY 5
 INDEP STDY CMUNICAT DSN S 490C 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS
 INDEPN STUDY DESIGN DSN S 490D 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS
 INDEP STDY ENTREPRN DSN S 490E 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS
 INDEP STDY SOC/BEHV DSN S 490F 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS
 INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS
 Prereq: GRADUATE OR SENIOR STANDING IN THE
 COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR
 2878005 1 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 1 TOPIC: LAS VEGAS FOOD HUB
 2878010 2 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 2 TOPIC: RETAIL-SCAPES
 2878015 3 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 3 TOPIC: DESIGN BUILD 2017
 2878020 4 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 4 TOPIC: HEALTH, HEALING & WELLNESS
 OFFERED FOR 6 CREDITS

INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS
 2878025 5 MWF 1:10-4:00
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 5 TOPIC: RESEARCHING DESIGN. OFFERED FOR
 4 CREDITS & 6 CREDITS WITH PERMISSION
 2878030 6 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 6 TOPIC: BLACK CONTEMPORARY: RURAL
 ROUTE 3 FOOD HUB. OFFERED FOR 6 CREDITS
 2878035 7 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 7 TOPIC: URBAN DESIGN ANALYSIS &
 PRACTICE
 2878040 8 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 8 TOPIC: TOYS! 2017
 2878045 9 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 9 TOPIC: FABRICATION POTENTIALS
 2878050 10 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 10 TOPIC: INFORMATION VISUALIZATION
 2878055 11 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 11 INGENIOUS DESIGN & PING IN THE
 SOUTHWEST
 OFFERED FOR 6 CREDITS, 4 CREDITS BY PERMISSION
 2878060 12 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 2878065 13 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 2878070 14 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 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

DIETETICS

RESEARCH METHODS DIET 511 3 CREDITS
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 Note: CREDIT FOR EITHER DIET 511 OR FCEDS 511, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5559600 XG ARRANGED
 MEETS: JAN 9-MAY 5
 Note: STUDENTS ACCEPTED INTO THE GPIEDA-FFP PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Instructor permission required.
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIEDA Consortium
 NUTRITN IN WELLNESS DIET 530 3 CREDITS
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 4706600 XG ARRANGED
 MEETS: JAN 9-MAY 12
 Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIEDA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIEDA Consortium
 ADV NU:MICRONUTRIEN DIET 556 3 CREDITS
 Prereq: BBMB 404 OR BBMB 420 OR EQUIVALENT/
 ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 Note: CREDIT FOR EITHER DIET 556 OR NUTRS 502, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 FOR PERMISSION TO ENROLL IN SECTION XG, EMAIL KAREN
 SMIDT: KSMIDT@IASTATE.EDU
 TO ADD YOUR NAME TO THE SPRING 2016 WAITLIST, PLEASE
 VISIT HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 4202600 XG ARRANGED
 MEETS: JAN 9-MAY 5
 Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIEDA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIEDA Consortium

DIETETICS

(CONTINUED)

EARLY CHILDCARE EDUCATION AND PROGRAMMIN (CONTINUED)

ADV NU:MACRONUTRIEN DIET 558 3 CREDITS
 Prereq: BMB 404 OR BMB 420 OR EQUIVALENT;
 ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 Note: CREDIT FOR EITHER DIET 558 OR NUTRS 501,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 4198600 XG ARRANGED
 MEETS: JAN 17-MAY 7
 Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIEDA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIEDA Consortium

NUTR COUNS&ED METHD DIET 566 3 CREDITS
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 5579005 MW 9:00-10:50 BASSLER E
 MEETS: JAN 9-MAY 5
 5579600 XF ARRANGED BASSLER E
 MEETS: JAN 9-MAY 5
 Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIEDA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIEDA Consortium

ENVIR SCAN CURR ISS DIET 572 3 CREDITS
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 4070600 XG ARRANGED
 MEETS: JAN 17-MAY 12
 Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIEDA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIEDA Consortium

NUTRITN & IMMUNOLOGY DIET 574 3 CREDITS
 9629600 XG ARRANGED
 MEETS: JAN 9-MAY 5
 Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIEDA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIEDA Consortium

CLIN ASPCT NUTR SUP DIET 598 3 CREDITS
 Prereq: ENROLLMENT IN GPIEDA - DIETETICS PROGRAM
 9630600 XG ARRANGED
 MEETS: JAN 17-MAY 12
 Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIEDA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIEDA Consortium

EARLY CHILDCARE EDUCATION AND PROGRAMMIN

PROFESSIONL DEVELOP E C P 305 3 CREDITS
 Prereq: HD FS 102
 9204600 XG ARRANGED
 MEETS: JAN 17-MAY 5
 Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIEDA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIEDA Consortium

DIVERSITY YNG CHLDN E C P 322 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3981600 XG ARRANGED
 MEETS: JAN 17-MAY 4
 Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Meets U.S. diversity reqmt
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIEDA Consortium

ADMIN CHLD SETTINGS E C P 442 3 CREDITS
 4000600 XG ARRANGED
 MEETS: JAN 17-MAY 5
 Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIEDA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIEDA Consortium

ECOLOGY & EVOLUTIONARY BIOLOGY

FIELD TRIP PRE-TRIP EEB 585A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION; PERMISSMION OF
 INSTRUCTOR
 2862005 ARRANGED
 MEETS: JAN 9-MARCH 10

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 MW 10:00-10:50
 MEETS: JAN 9-MARCH 3

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 TOTHA
 MEETS: JAN 9-MAY 5

CONSERVATION BIOLGY EEOB 531 3 CREDITS
 Prereq: BIOL 312; BIOL 313 OR GRADUATE STANDING
 2644005 TR 9:30-10:50 DEBINSKI D
 MEETS: JAN 9-MAY 5

INTRO DNA TECHNIQS EEOB 542A 1 CREDIT
 Satisfactory-Fail Only.
 7105005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 10-FEB 9

INTR PROTEIN TECHNQ EEOB 542B 1 CREDIT
 Satisfactory-Fail Only.
 6957005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS EEOB 542C 1 CREDIT
 Satisfactory-Fail Only.
 7119005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 28-APRIL 27

BRYOPHYT&LICHN DVRS EEOB 555 3 CREDITS
 Prereq: BIOL 212, BIOL 212L
 8952005 MR 4:10-6:30PM COLBERT J
 MEETS: JAN 9-MAY 5

FUNCTIONAL ECOLOGY EEOB 576 3 CREDITS
 Prereq: BIOL 312
 2130005 TR 2:10-3:25
 MEETS: JAN 9-MAY 5

ADV ECOSYSTEM ECOL EEOB 584 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOL, CHEM, PHYS
 32005 MWF 9:00-9:50 RAICH J
 MEETS: JAN 9-MAY 5

SPCL TOPICS ECOLOGY EEOB 590A 1- 3 CREDITS
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EVOLUT BIOL EEOB 590B 1- 3 CREDITS
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ORGNM BIOL EEOB 590C 1- 3 CREDITS
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT EEOB 599 VAR. CREDITS
 2145005 ARRANGED
 MEETS: JAN 9-MAY 5

ECOLOGY, EVOLUTION & ORGANISMAL BIOL (CONTINUED)

SEMINAR EEOB 698 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS
 RESEARCH EEOB 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ECONOMICS

PRIN MICROECONOMICS ECON 101 3 CREDITS
 3100005 1 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 3100010 2 MWF 10:00-10:50 OH M
 MEETS: JAN 9-MAY 5
 3100015 3 MWF 11:00-11:50 DEITER R
 MEETS: JAN 9-MAY 5
 3100020 4 MWF 1:10-2:00 OH M
 MEETS: JAN 9-MAY 5
 3100025 5 MWF 2:10-3:00 SCHROETER J
 MEETS: JAN 9-MAY 5
 3100030 6 MW 6:10-7:30PM CHOI E
 MEETS: JAN 9-MAY 5
 3100035 7 TR 2:10-3:30 RUDIK I
 MEETS: JAN 9-MAY 5
 3100600 XW ARRANGED ELOBEID A
 MEETS: JAN 9-MAY 5
 Note: SECTION XW RESTRICTED TO DISTANCE ONLY STUDENTS.
 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 ELOBEID A
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp
 3099010 2 MWF 10:00-10:50 ZHYLYEVSKYY O
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp
 3099015 3 MWF 1:10-2:00 ELOBEID A
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp
 3099020 4 TR 9:30-10:50 CAMARGO-BARTALOT
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp
 3099025 5 TR 12:40-2:00 CAMARGO-BARTALOT
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp
 3099030 6 TR 2:10-3:25 CALHOUN G
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp
 3099600 XW ARRANGED ALEXANDER T
 MEETS: JAN 9-MAY 5
 Note: SECTION XW RESTRICTED TO DISTANCE ONLY STUDENTS.
 Section XW is off campus
 Course delivery is WWW

ORIENTATION AG BUSI ECON 110 1 CREDIT
 3172005 1 TR 2:10-3:00 BRANDAU A
 MEETS: JAN 9-MARCH 3

APPL ECON OPTIMIZTN ECON 207 3 CREDITS
 Prereq: MATH 151, MATH 160, MATH 165 OR
 EQUIVALENT
 Note: COURSE RESTRICTED TO AG B, BUSEC, ECON MAJORS
 ONLY
 2753005 1 MW 12:10-1:00 ROY S
 W 2:10-3:25 ROY S
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp
 2753010 2 MW 12:10-1:00 ROY S
 R 2:10-3:25 ROY S
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp
 2753015 3 MW 12:10-1:00 ROY S
 R 3:40-5:00 ROY S
 MEETS: JAN 9-MAY 5
 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 BOESSEN C
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO AG B MAJORS ONLY
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp
 3177010 2 MWF 9:00-9:50 BOESSEN C
 MEETS: JAN 9-MAY 5

ECONOMICS (CONTINUED)

INTRO AGRI MARKETS ECON 235 3 CREDITS
 Prereq: ECON 101
 3174005 1 TR 12:40-2:00 LADE G
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp
 3174010 2 TR 9:30-10:50 JENSEN H
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp

COOPERATIVE EDUC ECON 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 Note: Instructor permission required.
 4834005 1 ARRANGED DEITER R
 MEETS: JAN 9-MAY 5

INTERMED MICROECON ECON 301 3- 4 CREDITS
 Prereq: ECON 101; ECON 207 OR MATH 166
 Note: COURSE OFFERED FOR 4 CREDITS SPRING 2016.
 3101005 1 MWF 11:00-11:50 ORAZEM P
 W 2:10-4:00 ORAZEM P
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp
 3101010 2 MWF 11:00-11:50 ORAZEM P
 R 2:10-4:00 ORAZEM P
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp

3101015 3 TR 9:30-10:50 ARTZ G
 T 2:10-4:00 ARTZ G
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp
 3101020 4 TR 9:30-10:50 ARTZ G
 W 2:10-4:00 ARTZ G
 MEETS: JAN 9-MAY 5

INTERMED MACROECON ECON 302 3 CREDITS
 Prereq: ECON 101, ECON 102; MATH 160 OR MATH 165
 3102005 1 TR 2:10-3:25 BHATTACHARYA J
 MEETS: JAN 9-MAY 5

ECONOMICS OF SPORTS ECON 313 3 CREDITS
 Prereq: ECON 101
 4910005 1 MWF 10:00-10:50 DEITER R
 MEETS: JAN 9-MAY 5

ECON OF DISCRIMINAT ECON 321 3 CREDITS
 Prereq: ECON 101
 Note: Meets U.S. diversity reqmt
 3116005 1 MWF 9:00-9:50 ORAZEM P
 MEETS: JAN 9-MAY 5

ENTREPRENEURSHIP AG ECON 334 3 CREDITS
 Prereq: ECON 101
 6836005 1 MWF 11:00-11:50 KIMLE K
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp
 6836010 2 MWF 12:10-1:00 KIMLE K
 MEETS: JAN 9-MAY 5

AGRICULTRL MARKETNG ECON 337 3 CREDITS
 Prereq: ECON 101; ECON 235 IS RECOMMENDED.
 2316005 1 TR 9:30-10:20 HART C
 T 2:10-4:00 HART C
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO AG B, ECON MAJORS ONLY
 2316010 2 TR 9:30-10:20
 T 2:10-4:00
 MEETS: JAN 9-MAY 5

PUBLIC FINANCE ECON 344 3 CREDITS
 Prereq: ECON 101
 3111005 1 T 6:10-9:00PM HOFFMAN E
 MEETS: JAN 9-MAY 5

MONEY,BANK,FIN INST ECON 353 3 CREDITS
 Prereq: ECON 101, ECON 102
 3103005 1 TR 11:00-12:15 ROY S
 MEETS: JAN 9-MAY 5
 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 CHOI E
 MEETS: JAN 9-MAY 5
 Section info: http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp

ECONOMICS (CONTINUED)

ECONOMICS (CONTINUED)

RURAL PRPRTY APPRSL ECON 364 3 CREDITS
 Prereq: 101
 8902005 1 TR 2:10-3:25 ZHANG W
 MEETS: JAN 9-MAY 5

INTRO ECONOMETRICS ECON 371 4 CREDITS
 Prereq: ECON 301, ECON 302 OR ECON 353, STAT 326
 2790005 1 MW 9:00-9:50 BUNZEL H
 F 9:00-10:50 BUNZEL H
 MEETS: JAN 9-MAY 5

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 2:10-3:00 GUDMUNSON C
 MEETS: JAN 9-MAY 5

ENVIR &RESOURC ECON ECON 380 3 CREDITS
 Prereq: ECON 101
 3180005 1 TR 11:00-12:15 RUDI K I
 MEETS: JAN 9-MAY 5

ECONOMIC DEVELOPMNT ECON 385 3 CREDITS
 Prereq: ECON 101, ECON 102
 Note: Meets international perspectives reqmt
 3114005 1 TR 12:40-2:00 LUVAGA E
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUC ECON 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 Note: Permission of adviser required.
 4835005 1 ARRANGED DEITER R
 MEETS: JAN 9-MAY 5

INDUSTRIAL ORGANZTN ECON 416 3 CREDITS
 Prereq: ECON 301
 3184005 1 TR 9:30-10:45 MOSCHINI G
 MEETS: JAN 9-MAY 5

ANALYSIS FOOD MRKTS ECON 435X 3 CREDITS
 Prereq: STAT 226, ECON 235, ECON 301
 9914005 1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

COMMOD MKTG&RISK MG ECON 437 3 CREDITS
 Prereq: ECON 235, ECON 301, STAT 326
 7572005 TR 11:00-12:15 SCHULZ L
 MEETS: JAN 9-MAY 5

INTERNATNAL FINANCE ECON 457 3 CREDITS
 Prereq: ECON 302
 Note: Meets international perspectives reqmt
 5250005 1 TR 12:40-2:00 SINGH R
 MEETS: JAN 9-MAY 5

AGRICULTURL FINANCE ECON 466 3 CREDITS
 Prereq: ECON 301, STAT 226, FIN 301 AND ECON 353
 (RECOMMENDED)
 3183005 1 MWF 12:10-1:00 CRESPI J
 MEETS: JAN 9-MAY 5

INTERMD ENVIR&RESOU ECON 480 3 CREDITS
 Prereq: ECON 301 OR ECON 501
 3187005 1 TR 2:10-3:25
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY ECON 490 1- 5 CREDITS
 Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6
 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED
 FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO
 MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR ECON 490E 1- 5 CREDITS
 Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ECON 490H 1- 5 CREDITS
 Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON.
 AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON
 490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY COUNT
 NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6
 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED
 FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO
 MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.
 COURSE RESTRICTED TO UNIV. HONORS STUDENTS.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATNG SR SURVEY ECON 492 R CREDIT
 Prereq: GRADUATING SENIOR
 Satisfactory-Fail Only.
 6208005 1 R 4:10-5:00 DEITER R
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO AG B MAJORS ONLY
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

6208100 2 R 4:10-5:00 DEITER R
 MEETS: JAN 9-MAY 5
 Note: SEC 2 RESTRICTED TO BUSEC MAJORS ONLY

GRADUATNG SR SURVEY ECON 492 R CREDIT
 6208015 3 R 4:10-5:00 DEITER R
 MEETS: JAN 9-MAY 5
 Note: SEC 3 RESTRICTED TO ECON MAJORS ONLY

ECON TRAVEL COURSE ECON 496 1- 3 CREDITS
 Prereq: SOPHOMORE STATUS, PERMISSION OF INSTRUCTR
 Note: Meets international perspectives reqmt
 5225800 AU ARRANGED LUVAGA E
 MEETS: MARCH 11-19
 Note: SEC AU TAUGHT IN AUSTRALIA. TOPIC: AGRICULTURAL
 PRODUCTION, BUSINESS AND TRADE IN AUSTRALIA
 STUDY ABROAD SPRING 2017. OFFERED FOR 1-2 CREDITS
 Study Abroad Administrative Fee Applies
 5225805 UK ARRANGED ALEXANDER T
 MEETS: MARCH 9-19
 Note: SEC UK TAUGHT IN EDINBURGH, SCOTLAND &
 LONDON, ENGLAND. SPRING BREAK IN ENGLAND &
 SCOTLAND: BREXIT- THE BRITISH VOTE TO EXIT
 FROM THE EU, HISTORY & POSSIBLE OUTCOMES.
 STUDY ABROAD SPRING 2017. OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

COOPERATIVE EDUC ECON 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 Note: Permission of adviser required.
 4836005 1 ARRANGED DEITER R
 MEETS: JAN 9-MAY 5

EXPERMNTL ECONOMICS ECON 510 3 CREDITS
 Prereq: ECON 501 OR ECON 601
 4909005 M 6:10-9:00PM HOFFMAN E
 MEETS: JAN 9-MAY 5

PUBLIC ECONOMICS ECON 545 3 CREDITS
 Prereq: ECON 501 OR ECON 601
 3137005 1 TR 2:10-3:25 KREIDER B
 MEETS: JAN 9-MAY 5

INTERMED ECONOMETRC ECON 571 3 CREDITS
 Prereq: ECON 500
 9077005 1 MWF 1:10-2:00 HUFFMAN W
 MEETS: JAN 9-MAY 5
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

SPECIAL TOPICS ECON 590 1- 5 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ECON 599 1- 5 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MACROECON ANALYSIS ECON 602 4 CREDITS
 Prereq: ECON 301, ECON 302, PREVIOUS OR
 CONCURRENT ENROLLMENT IN 600 AND PERMISSION OF
 DIRECTOR OF GRADUATE EDUCATION
 Note: Department permission required.
 3126005 1 TR 9:30-11:20 BHATTACHARYA J
 F 3:10-5:00 BHATTACHARYA J
 MEETS: JAN 9-MAY 5
 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 FRANKEL D
 F 1:10-3:00 FRANKEL D
 MEETS: JAN 9-MAY 5
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

THEORET INDUS ORGNZ ECON 615 3 CREDITS
 Prereq: ECON 603
 2937005 1 TR 12:40-2:00 MOSCHINI G
 MEETS: JAN 9-MAY 5

AGRICULTURL ECON II ECON 642 3 CREDITS
 Prereq: ECON 603
 2944005 1 TR 8:00-9:15 LADE G
 MEETS: JAN 9-MAY 5

INTERNATNAL FINANCE ECON 657 3 CREDITS
 Prereq: ECON 602
 3141005 1 MW 2:10-3:25 SINGH R
 MEETS: JAN 9-MAY 5

ECONOMETRICS II ECON 672 4 CREDITS
 Prereq: ECON 671
 3146005 1 MW 11:00-12:50 ZHYLYEVSKYY O
 F 11:00-12:50 ZHYLYEVSKYY O
 MEETS: JAN 9-MAY 5

ECONOMICS (CONTINUED)

MACROECONOMETRICS ECON 674 3 CREDITS
 Prereq: ECON 672, ECON 602
 4902005 1 ARRANGED BUNZEL H
 MEETS: JAN 9-MAY 5

ADV RESOURCE ECON ECON 680 3 CREDITS
 Prereq: ECON 603
 3204005 1 TR 9:30-10:45 WENINGER Q
 MEETS: JAN 9-MAY 5

ADVANCED TOPICS ECON 690 1- 5 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

THIRD-YEAR PAPER ECON 691 3 CREDITS
 Satisfactory-Fail Only.
 5334005 1 ARRANGED SCHROETER J
 MEETS: JAN 9-MAY 5

WORKSHOP ECON 693 3 CREDITS
 Satisfactory-Fail Only.
 8649005 1 ARRANGED SCHROETER J
 MEETS: JAN 9-MAY 5

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 COMON DEVEL EDADM 599 1- 3 CREDITS
 Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS EDADM 690 1- 3 CREDITS
 Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CLINCL DILEMM PRCTC EDADM 691 1- 3 CREDITS
 Prereq: EDADM 541, ADMISSION TO PROGRAM, INSTR
 APPROVAL
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DISSERTATN RESEARCH EDADM 699 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL LEADERSHIP & POLICY ST

SOC JUSTC FIELD EXP EL PS 591 1- 3 CREDITS
 Prereq: EL PS 620
 ***** SEE DEPT FOR REFERENCE NUMBERS

CAPSTONE EXPERIENCE EL PS 616 3 CREDITS
 Prereq: 4 CREDITS OF EL PS 615
 ***** SEE DEPT FOR REFERENCE NUMBERS

PEDAGOGI OF DISSENT EL PS 621 3 CREDITS
 Prereq: EL PS 620
 8899005 R 5:10-8:00PM
 MEETS: JAN 9-MAY 5

ELECTRICAL ENGINEERING

PRO PROG ORIENTATN E E 166 R CREDIT
 Note: COURSE RESTRICTED TO E E AND CPR E MAJORS ONLY.
 2887005 A T 2:10-3:00
 MEETS: JAN 9-MAY 5

2887010 B T 2:10-3:00
 MEETS: JAN 9-MAY 5

2887015 C T 3:10-4:00
 MEETS: JAN 9-MAY 5

2887020 D T 3:10-4:00
 MEETS: JAN 9-MAY 5

2887025 E R 2:10-3:00
 MEETS: JAN 9-MAY 5

INTR EE&PROB SOLV I E E 185 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON
 MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR
 ENROLLMENT IN MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: CPR E 185, E E 185,
 S E 185, M E 160, ENGR 160, A B E 160, AER E 160,
 C E 160, I E 148
 3880005 A MW 8:00-8:50
 W 4:10-6:00PM
 MEETS: JAN 9-MAY 5

3880010 B MW 8:00-8:50
 R 8:00-9:50
 MEETS: JAN 9-MAY 5

ELECTRICAL ENGINEERING (CONTINUED)

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 9-MAY 5

6239010 B R 12:10-2:00
 MEETS: JAN 9-MAY 5

6239015 C R 2:10-4:00
 MEETS: JAN 9-MAY 5

ELECTRIC CIRCUITS E E 201 4 CREDITS
 Prereq: CR OR ENROLLMENT IN MATH 267 AND PHYS 222
 Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION

2120005 A MWF 10:00-10:50
 T 2:10-5:00
 MEETS: JAN 9-MAY 5

2120010 B MWF 10:00-10:50
 R 8:00-10:50
 MEETS: JAN 9-MAY 5

2120015 C MWF 10:00-10:50
 W 2:10-5:00
 MEETS: JAN 9-MAY 5

2120020 D MWF 2:10-3:00
 W 11:00-1:50
 MEETS: JAN 9-MAY 5

2120025 E MWF 2:10-3:00
 R 5:10-8:00PM
 MEETS: JAN 9-MAY 5

2120030 F MWF 2:10-3:00
 F 9:00-11:50
 MEETS: JAN 9-MAY 5

2120035 G MWF 2:10-3:00
 T 5:10-8:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5

5064010 B TR 4:10-5:30
 W 12:10-3:00
 MEETS: JAN 9-MAY 5

5064015 C TR 4:10-5:30
 F 9:00-11:50
 MEETS: JAN 9-MAY 5

5064020 D TR 4:10-5:30
 F 12:10-3:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

4639010 B MWF 4:10-5:00
 T 11:00-1:50
 MEETS: JAN 9-MAY 5

4639015 C MWF 4:10-5:00
 T 5:10-8:00PM
 MEETS: JAN 9-MAY 5

4639020 D MWF 4:10-5:00
 W 8:00-10:50
 MEETS: JAN 9-MAY 5

4639025 E MWF 4:10-5:00
 W 5:10-8:00PM
 MEETS: JAN 9-MAY 5

4639030 F MWF 4:10-5:00
 R 11:00-1:50
 MEETS: JAN 9-MAY 5

4639035 G MWF 4:10-5:00
 F 12:10-3:00
 MEETS: JAN 9-MAY 5

TRANSFER ORIENTATIO E E 261 R CREDIT
 Satisfactory-Fail Only.
 9197005 T 11:00-11:50
 MEETS: JAN 9-MAY 5

PROB SOLV MTHD&TOOL E E 285 4 CREDITS

2505005 A MWF 12:10-1:00
 T 8:00-9:50
 MEETS: JAN 9-MAY 5

2505010 B MWF 12:10-1:00
 T 4:10-6:00PM
 MEETS: JAN 9-MAY 5

2505015 C MWF 12:10-1:00
 W 8:00-9:50
 MEETS: JAN 9-MAY 5

2505020 D MWF 12:10-1:00
 W 10:00-11:50
 MEETS: JAN 9-MAY 5

2505025 E MWF 12:10-1:00
 R 4:10-6:00PM
 MEETS: JAN 9-MAY 5

2505030 F MWF 12:10-1:00
 T 6:10-8:00PM
 MEETS: JAN 9-MAY 5

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

PROGRAM DISCOVERY E E 294 R CREDIT
 Prereq: E E 166 OR CPR E 166
 Note: SEC A1, B1 RESTRICTED TO CPR E MAJORS ONLY.
 SEC A2, B2 RESTRICTED TO E E MAJORS ONLY
 Satisfactory-Fail Only.

5380005 A1 M 1:10-2:00
 MEETS: JAN 9-MAY 5

5380010 A2 M 1:10-2:00
 MEETS: JAN 9-MAY 5

5380015 A3 M 1:10-2:00
 MEETS: JAN 9-MAY 5

5380020 B1 F 3:10-4:00
 MEETS: JAN 9-MAY 5

5380025 B2 F 3:10-4:00
 MEETS: JAN 9-MAY 5

5380030 B3 F 3:10-4:00
 MEETS: JAN 9-MAY 5

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 ENROLLMENT
 IN E E 224 AND E E 230

3415005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

ELECTROMG FLD&WAVES E E 311 4 CREDITS
 Prereq: E E 201, MATH 265, PHYS 222, CREDIT OR
 ENROLLMENT IN MATH 267

2889005 MWRWF 10:00-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

PROBAB MTH,ELEC ENG E E 322 3 CREDITS
 Prereq: E E 224

3424005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

2192010 B MWF 2:10-3:00
 R 1:10-4:00
 MEETS: JAN 9-MAY 5

2192015 C MWF 2:10-3:00
 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5

5635010 B MWF 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 9-MAY 5

5635015 C MWF 9:00-9:50
 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5

5635020 D MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

5635025 E MWF 9:00-9:50
 F 1:10-4:00
 MEETS: JAN 9-MAY 5

5635030 F MWF 9:00-9:50
 F 10:00-12:50
 MEETS: JAN 9-MAY 5

SEMICND MTRLS&DEVIC E E 332 3 CREDITS
 Prereq: PHYS 222; ADDITIONAL PREREQ FOR MAT E
 MAJORS: MAT E 317; ADDITIONAL PREREQ FOR E E AND
 CPR E MAJORS: E E 230

2195005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

ANALYS ENERGY SYSTM E E 351 3 CREDITS
 Prereq: PHYS 222
 Note: Meets international perspectives reqmt

8412005 MW 4:10-5:20
 MEETS: JAN 9-MAY 5

PROGRAM EXPLORATION E E 394 R CREDIT
 Prereq: E E 294 OR CPR E 294
 Note: SEC B1,C1 RESTRICTED TO CPR E MAJORS ONLY.
 SEC B2,C2 RESTRICTED TO E E MAJORS ONLY
 Satisfactory-Fail Only.

5403005 A1 M 1:10-2:00
 MEETS: JAN 9-MAY 5

5403010 A2 M 1:10-2:00
 MEETS: JAN 9-MAY 5

5403015 A3 M 1:10-2:00
 MEETS: JAN 9-MAY 5

PROGRAM EXPLORATION E E 394 R CREDIT
 5403020 B1 F 3:10-4:00
 MEETS: JAN 9-MAY 5

5403025 B2 F 3:10-4:00
 MEETS: JAN 9-MAY 5

5403030 B3 M 1:10-2:00
 MEETS: JAN 9-MAY 5

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
 M 12:10-3:00
 MEETS: JAN 9-MAY 5

2900010 B MWF 11:00-11:50
 R 10:00-12:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

COMMUNIC SYSTMS LAB E E 423 1 CREDIT
 Prereq: E E 421, ENROLLMENT IN E E 422

2903005 A F 3:10-6:00PM
 MEETS: JAN 9-MAY 5

2903010 B R 6:10-9:00PM
 MEETS: JAN 9-MAY 5

INT DIGT SIGNL PROC E E 424 4 CREDITS
 Prereq: E E 224

7977005 A TR 11:00-12:20
 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5

MICROELEC FABRICATN E E 432 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN E E 332

9222005 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

2906010 B MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 9-MAY 5

2906015 C MWF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 9-MAY 5

PHYSICS OF TRANSIST E E 436X 3 CREDITS
 Prereq: E E 332

9846005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

OPTOELECTN DEVVC&APP E E 438 3 CREDITS
 Prereq: E E 311, E E 332

7182005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

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
 M 8:00-9:50
 MEETS: JAN 9-MARCH 3

4723010 B MWF 4:10-5:00
 M 5:10-7:00PM
 MEETS: JAN 9-MARCH 3

4723015 C MWF 4:10-5:00
 F 2:10-4:00
 MEETS: JAN 9-MARCH 3

4723020 D MWF 4:10-5:00
 F 8:00-10:50
 MEETS: JAN 9-MARCH 3

4723025 E MWF 4:10-5:00
 R 3:10-5:00
 MEETS: JAN 9-MARCH 3

4723030 F MWF 4:10-5:00
 F 12:10-2:00
 MEETS: JAN 9-MARCH 3

4723035 G MWF 4:10-5:00
 F 10:00-11:50
 MEETS: JAN 9-MARCH 3

4723040 J MWF 4:10-5:00
 M 12:10-2:00
 MEETS: JAN 9-MARCH 3

4723045 K MWF 4:10-5:00
 M 7:10-9:00
 MEETS: JAN 9-MARCH 3

4723050 L MWF 4:10-5:00
 W 10:00-11:50
 MEETS: JAN 9-MARCH 3

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

INTR CIRCUIT&INSTRM E E 442 2 CREDITS
 4723055 M MWF 4:10-5:00
 M 10:00-11:50
 MEETS: JAN 9-MARCH 3
 4723060 N MWF 4:10-5:00
 W 8:00-9:50
 MEETS: JAN 9-MARCH 3
 4723065 P MWF 4:10-5:00
 M 2:10-4:00
 MEETS: JAN 9-MARCH 3
 4723070 Q MWF 4:10-5:00
 T 2:10-4:00
 MEETS: JAN 9-MARCH 3
 4723075 R MWF 4:10-5:00
 W 6:10-8:00PM
 MEETS: JAN 9-MARCH 3
 4723080 S MWF 4:10-5:00
 T 12:10-2:00
 MEETS: JAN 9-MARCH 3
 4723085 T MWF 4:10-5:00
 T 7:10-9:00PM
 MEETS: JAN 9-MARCH 3

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
 M 8:00-9:50
 MEETS: MARCH 6-MAY 5
 4775010 B MWF 4:10-5:00
 M 5:10-7:00PM
 MEETS: MARCH 6-MAY 5
 4775015 C MWF 4:10-5:00
 F 2:10-4:00
 MEETS: MARCH 6-MAY 5
 4775020 D MWF 4:10-5:00
 F 8:00-10:50
 MEETS: MARCH 6-MAY 5
 4775025 E MWF 4:10-5:00
 R 3:10-5:00
 MEETS: MARCH 6-MAY 5
 4775030 F MWF 4:10-5:00
 F 12:10-2:00
 MEETS: MARCH 6-MAY 5
 4775035 G MWF 4:10-5:00
 F 10:00-11:50
 MEETS: MARCH 6-MAY 5
 4775040 J MWF 4:10-5:00
 M 12:10-2:00
 MEETS: MARCH 6-MAY 5
 4775045 K MWF 4:10-5:00
 M 7:10-9:00
 MEETS: MARCH 6-MAY 5
 4775050 L MWF 4:10-5:00
 W 10:00-11:50
 MEETS: MARCH 6-MAY 5
 4775055 M MWF 4:10-5:00
 M 10:00-11:50
 MEETS: MARCH 6-MAY 5
 4775060 N MWF 4:10-5:00
 W 8:00-10:50
 MEETS: MARCH 6-MAY 5
 4775065 P MWF 4:10-5:00
 M 2:10-4:00
 MEETS: MARCH 6-MAY 5
 4775075 R MWF 4:10-5:00
 W 6:10-8:00PM
 MEETS: MARCH 6-MAY 5
 4775080 S MWF 4:10-5:00
 T 12:10-2:00
 MEETS: MARCH 6-MAY 5
 4775085 T MWF 4:10-5:00
 T 7:10-9:00PM
 MEETS: MARCH 6-MAY 5

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 9-MAY 5
 2893010 B TR 11:00-11:50
 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 2893015 C TR 11:00-11:50
 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

MULTIDISC ENGR DSGN E E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 1900005 A MWF 3:10-5:00
 MEETS: JAN 9-MAY 5

CONTROL SYS SIMULAT E E 476 3 CREDITS
 Prereq: E E 475
 2915005 MW 4:10-5:00, ARRANGED
 MEETS: JAN 9-MAY 5

SURV REMOTE SNS TEC E E 489 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 9753005 TR 9:30-10:50 AANSTOOS J
 MEETS: JAN 9-MAY 5

SATELL RMT SENS LAB E E 489L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489
 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489
 OR NREM 589 OR E E 489
 5436005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5
 7347010 B W 2:10-3:00
 MEETS: JAN 9-MAY 5
 7347015 C R 3:10-4:00
 MEETS: JAN 9-MAY 5
 7347020 D R 4:10-5:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 MW 2:10-3:30
 T 5:10-8:00PM
 MEETS: JAN 9-MAY 5
 3362010 B MW 2:10-3:30
 T 11:00-1:50
 MEETS: JAN 9-MAY 5

MODERN OPTICAL COMM E E 511 3 CREDITS
 Prereq: E E 311
 2930005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

ADV ELECMAG THRY II E E 513 3 CREDITS
 Prereq: E E 512
 2934005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

ELECTRICAL ENGINEERING		(CONTINUED)
ELMAGNETC RAD,ANTEN	E E 517	4 CREDITS
4808005	Prereq: E E 311 A MWF 11:00-11:50 M 12:10-3:00 MEETS: JAN 9-MAY 5	
4808010	B MWF 11:00-11:50 R 10:00-12:50 MEETS: JAN 9-MAY 5	
MICROWV REMOTE SENS	E E 518	3 CREDITS
3671005	Prereq: MATH 265 OR EQUIVALENT TR 11:00-12:30 MEETS: JAN 9-MAY 5	
RANDM PROC COMM&SIG	E E 523	3 CREDITS
7358005	Prereq: E E 322, MATH 317 A TR 9:30-10:50 MEETS: JAN 9-MAY 5	
DETECT&ESTIM THEORY	E E 527	3 CREDITS
2940005	Prereq: E E 422 TR 2:10-3:30 MEETS: JAN 9-MAY 5	
TOPICS EL,MICR,PHOT	E E 530	3 CREDITS
9526005	Prereq: E E 332 TR 5:40-7:00PM MEETS: JAN 9-MAY 5	
MICROEL FABRIC TCHQ	E E 532	4 CREDITS
8880005	Prereq: PHYS 222, MATH 265. E E 332 OR MAT E 331 RECOMMENDED MW 12:10-1:00 ARRANGED MEETS: JAN 9-MAY 5	
PHYS SEMICONV DEVIC	E E 536	3 CREDITS
2942005	Prereq: E E 535 MW 5:40-7:00PM MEETS: JAN 9-MAY 5	
OPTOELE DEVICES&APP	E E 538	3 CREDITS
3517005	Prereq: E E 311 OR E E 332 MWF 11:00-11:50 MEETS: JAN 9-MAY 5	
ENERGY SYS PLANNING	E E 552	3 CREDITS
2870005	Prereq: E E 456, E E 457 OR EQUIVALENT MWF 12:10-1:00 MEETS: JAN 9-MAY 5	
SYST ENGR &ANALYSIS	E E 565	3 CREDITS
8931005	Prereq: COURSE WORK IN BASIC STATISTICS Note: I E MAJORS MAY NOT APPLY CREDIT IN I E/E E/AER E 565 TOWARD DEGREE REQUIREMENTS A TR 11:00-12:20 MEETS: JAN 9-MAY 5	
OPTIMAL CONTROL	E E 574	3 CREDITS
2952005	Prereq: E E 577 TR 9:30-10:50 MEETS: JAN 9-MAY 5	
2952600	XE ARRANGED MEETS: JAN 9-MAY 5 Note: Section XE is off campus Course delivery is WWW	
DIGIT FEEDBCK CNTRL	E E 576	3 CREDITS
2953005	Prereq: E E 475 OR AER E 432 OR M E 411 OR MATH 415; AND MATH 267 TR 2:10-3:30 MEETS: JAN 9-MAY 5	
NONLINEAR SYSTEMS	E E 578	3 CREDITS
2955005	Prereq: E E 577 MW 4:10-5:30 MEETS: JAN 9-MAY 5	
SURV REMOTE SNS TEC	E E 589	3 CREDITS
9758005	Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING TR 9:30-10:50 MEETS: JAN 9-MAY 5 AANSTOOS J	
SATELL RMT SENS LAB	E E 589L	1 CREDIT
3759005	Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489 OR NREM 589 OR E E 489 1 R 11:00-1:50 MEETS: JAN 9-MAY 5 WOLTER P	
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	

ELECTRICAL ENGINEERING		(CONTINUED)
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
1920005	Note: COURSE OFFERED FOR 1 CREDIT SPRING 2016 A ARRANGED MEETS: JAN 9-MAY 5	
SEMNL ELECTRIC POWER	E E 594	1- 3 CREDITS
2964005	Note: COURSE OFFERED FOR 1 CREDIT SPRING 2016. A T 1:10-2:00 MEETS: JAN 9-MAY 5	
SEMNL CONTROL SYSTMS	E E 596	1- 3 CREDITS
2973005	Note: COURSE OFFERED FOR 1 CREDIT SPRING 2016 M 4:10-5:00 MEETS: JAN 9-MAY 5	
SEM COMM&SIGNAL PROC	E E 597	1 CREDIT
7542005	Note: COURSE RESTRICTED TO E CPE MAJORS ONLY. Satisfactory-Fail Only. A ARRANGED MEETS: JAN 9-MAY 5	
CREATIVE COMPONENT	E E 599	VAR. CREDITS
*****	SEE DEPT FOR REFERENCE NUMBERS	
INFORMATION THEORY	E E 622	3 CREDITS
2776005	Prereq: E E 521, E E 523 TR 3:40-5:00 MEETS: JAN 9-MAY 5	
ENGINEERG INTERNSHP	E E 697	R CREDIT
5716005	Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF STUDENT SERVICES. Satisfactory-Fail Only. ARRANGED MEETS: JAN 9-MAY 5 Note: Department permission required.	
RESEARCH	E E 699	VAR. CREDITS
*****	SEE DEPT FOR REFERENCE NUMBERS	
ENGINEERING		
ENGINEERING ORIENTN	ENGR 101	R CREDIT
3788005	Satisfactory-Fail Only. A T 11:00-11:50 MEETS: JAN 9-MAY 5 Note: SEC A FOR MAJORS OTHER THAN AER E, CH E, C E, CON E, CPR E, E E, M E, S E	
3788010	B R 11:00-11:50 MEETS: JAN 9-MAY 5 Note: SEC B RESTRICTED TO CPR E, E E AND S E MAJORS ONLY.	
3788015	C T 8:00-8:50 MEETS: JAN 9-MAY 5 Note: SEC C RESTRICTED TO M E MAJORS ONLY.	
3788020	D W 10:00-10:50 MEETS: JAN 9-MAY 5 Note: SEC D RESTRICTED TO CH E, C E MAJORS ONLY	
3788025	E F 10:00-10:50 MEETS: JAN 9-MAY 5 Note: SEC E RESTRICTED TO ARE E MAJORS	
3788030	F T 11:00-11:50 MEETS: JAN 9-MAY 5 Note: SEC F RESTRICTED TO CPR E, E E AND S E MAJORS ONLY.	
3788035	G R 8:00-8:50 MEETS: JAN 9-MAY 5 Note: SEC G RESTRICTED TO M E MAJORS ONLY	
3788040	H W 2:10-3:00 MEETS: JAN 9-MARCH 3 Note: SEC H RESTRICTED THE CH E MAJORS ONLY	
LEAD PROGRM SEMINAR	ENGR 105	1 CREDIT
6866005	Satisfactory-Fail Only. F 1:10-3:00 MEETS: JAN 9-MAY 5 Note: THIS COURSE IS RESTRICTED TO STUDENTS IN LEAD LEARNING COMMUNITY.	

ENGINEERING

(CONTINUED)

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 9-MAY 5
 7845010 B R 10:00-10:50
 MEETS: JAN 9-MAY 5

FOUND LEADR DV&LRNG ENGR 150 1 CREDIT
 Prereq: FOR ELP STUDENTS ONLY
 Satisfactory-Fail Only.
 8147005 1 T 3:40-5:30
 MEETS: MARCH 6-MAY 5

LDRSHP ENGR STU ORG ENGR 155X 1 CREDIT
 8589005 1 R 3:40-5:30
 MEETS: JAN 9-MARCH 3

ENGR PROB & CPR LAB ENGR 160 3 CREDITS
 Prereq: MATH 143 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 9-MAY 5
 2946010 B MW 10:00-11:50
 MEETS: JAN 9-MAY 5
 2946015 C MW 12:10-2:00
 MEETS: JAN 9-MAY 5
 2946020 D TR 8:00-9:50
 MEETS: JAN 9-MAY 5
 2946025 E TR 10:00-11:50
 MEETS: JAN 9-MAY 5
 2946030 F TR 12:10-2:00
 MEETS: JAN 9-MAY 5
 2946035 G TR 2:10-4:00
 MEETS: JAN 9-MAY 5
 2946040 J MW 2:10-4:00
 MEETS: JAN 9-MAY 5

LEADRSH ENGR TEAMS ENGR 250X 1 CREDIT
 8591005 1 T 3:40-5:30
 MEETS: JAN 9-MARCH 3
 8591010 2 R 3:40-5:30
 MEETS: MARCH 6-MAY 5

SURV IMPCT OF ENGRG ENGR 265 3 CREDITS
 2212005 ARRANGED
 MEETS: JAN 9-MAY 5

SURV HOW THINGS WRK ENGR 270 3 CREDITS
 7455005 TR 4:10-5:30
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 MWF 3:10-5:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

ENGINEERING MECHANICS

ENGINEERING STATICS E M 274 3 CREDITS
 Prereq: CREDIT OR ENROLLMNT IN MATH 166; 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).

3004010 2 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 3004015 3 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 3004020 4 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 3004025 5 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

ENGINEERING MECHANICS

(CONTINUED)

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 9-MAY 5
 3007010 2 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 3007015 3 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 3007020 4 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 3007040 5 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 3007045 6 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 3007050 7 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

MECH OF MATERLS LAB E M 327 1 CREDIT
 Prereq: E M 324
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
 ABOVE.

3008005 1 T 8:00-9:50
 MEETS: JAN 9-MAY 5
 3008010 2 T 10:00-11:50
 MEETS: JAN 9-MAY 5
 3008015 3 R 10:00-11:50
 MEETS: JAN 9-MAY 5
 3008020 4 W 8:00-9:50
 MEETS: JAN 9-MAY 5
 3008025 5 W 10:00-11:50
 MEETS: JAN 9-MAY 5
 3008030 6 T 1:10-3:00
 MEETS: JAN 9-MAY 5
 3008035 7 R 1:10-3:00
 MEETS: JAN 9-MAY 5
 3008040 8 T 3:10-5:00
 MEETS: JAN 9-MAY 5
 3008045 9 R 3:10-5:00
 MEETS: JAN 9-MAY 5
 3008050 10 T 5:10-7:00PM
 MEETS: JAN 9-MAY 5

ENGINEERING 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 9-MAY 5
 3010010 2 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 3010015 3 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 3010020 4 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 3011600 XE ARRANGED BOWLER N
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

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 9-MAY 5
 3012010 B T 3:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 3013010 2 MWF 10:00-10:50
 T 10:00-11:50
 MEETS: JAN 9-MAY 5
 3013015 3 MWF 10:00-10:50
 T 1:10-3:00
 MEETS: JAN 9-MAY 5
 3013020 4 MWF 10:00-10:50
 T 3:10-5:00
 MEETS: JAN 9-MAY 5

ENGINEERING MECHANICS (CONTINUED)

ENGINEERING MECHANICS (CONTINUED)

MECHANICS OF FLUIDS E M 378 3 CREDITS
 3013025 5 MWF 9:00-9:50
 W 1:10-3:00
 MEETS: JAN 9-MAY 5

3013030 6 MWF 9:00-9:50
 W 3:10-5:00
 MEETS: JAN 9-MAY 5

3013035 7 MWF 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 9-MAY 5

3013040 8 MWF 10:00-10:50
 R 3:10-5:00
 MEETS: JAN 9-MAY 5

3013050 10 MW 10:00-10:50
 R 1:10-3:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

ULTRSNCRONONDESTR EV E M 480 3 CREDITS
 Prereq: E M 324, MATH 266 OR MATH 267, PHYS 222
 1355005 1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

1355600 XE ARRANGED CHIMENTI D
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

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 9-MAY 5

3029600 XE ARRANGED HONG W
 MEETS: JAN 9-MAY 5
 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 9-MAY 5

3034600 XE ARRANGED HONG W
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

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 9-MAY 5

8108600 XE ARRANGED HOLLAND S
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

MCH COMPOSITE MATLS E M 569 3 CREDITS
 Prereq: E M 324
 3049005 1 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

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 6900 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV MATERLS E M 690P 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV COMP MTH E M 690Q 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RELIAB&FAIL E M 690R 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 690S 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP E M 697 R CREDIT
 Prereq: PERMISSION OF DOGE, GRAD CLASSIFICATION
 Satisfactory-Fail Only.
 8134005 ARRANGED
 MEETS: JAN 9-MAY 5
 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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10B 0 CREDITS
 Note: Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CREDITS
 Note: Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READING:BEGINR ENGL 11A 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READG:LO-INTRMD ENGL 11B 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READING:INTMED ENGL 11C 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READ:HI-INTRMD ENGL 11D 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READING: HIGH ENGL 11E 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READING:ADVANC ENGL 11F 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING:BEGINR ENGL 12A 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRIT:LO-INTRMD ENGL 12B 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING:INTRMD ENGL 12C 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRIT:HI INTRMD ENGL 12D 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING: HIGH ENGL 12E 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING:ADVANC ENGL 12F 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP LISTN-SPK:BEGR ENGL 13A 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP LIST-SPK:LO-IN ENGL 13B 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGLISH (CONTINUED)

IEOP LISTN-SPK:INTM ENGL 13C 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP LIST-SPK:HI-IN ENGL 13D 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP LISTEN-SPK: HI ENGL 13E 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP LISTEN-SPK:ADV ENGL 13F 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:BEGINR ENGL 14A 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:LO-INT ENGL 14B 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:INTRMD ENGL 14C 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:HI-INT ENGL 14D 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR: HIGH ENGL 14E 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:ADVANC ENGL 14F 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP EXIT ACAD SKIL ENGL 15 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP EXIT ORIENTATN ENGL 16 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP EXIT TECHNOLGY ENGL 17 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP BUSNSS LIST-SP ENGL 18 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP BUSNSS READ-WR ENGL 19 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP OPTIONL SEMNAR ENGL 20 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

NONNATIVE 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 9-MAY 5

7774010 2 MW 2:10-3:00
 MEETS: JAN 9-MAY 5

7774015 3 TR 3:40-4:30
 MEETS: JAN 9-MAY 5

7774020 4 TR 4:40-5:30
 MEETS: JAN 9-MAY 5

7774025 5 MW 9:00-9:50
 MEETS: JAN 9-MAY 5

7774030 6 WF 11:00-11:50
 MEETS: JAN 9-MAY 5

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 9-MARCH 3

7877010 2 WF 1:10-2:00
 MEETS: JAN 9-MARCH 3

7877015 3 MW 12:10-1:00
 MEETS: JAN 9-MARCH 3

7877020 4 WF 2:10-3:00
 MEETS: JAN 9-MARCH 3

7877025 5 MW 11:00-11:50
 MEETS: JAN 9-MARCH 3

7877030 6 WF 9:00-9:50
 MEETS: JAN 9-MARCH 3

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 9-MAY 5

3294010 2 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

ENGLISH (CONTINUED)

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 9-MAY 5

3295010 2 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

3295015 3 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

3295020 4 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

3295025 5 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

3295030 6 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

3295035 7 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

3295040 8 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

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 W 12:10-1:00
 MF 12:10-1:00
 MEETS: JAN 9-MAY 5

3296010 2 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 9-MAY 5

3296015 3 W 10:00-10:50
 MF 10:00-10:50
 MEETS: JAN 9-MAY 5

3296020 4 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 9-MAY 5

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN LIB 160
 IS RECOMMENDED
 Note: EVERY SECTION MEETS IN A COMPUTER WRITING LAB
 ONE DAY PER WEEK. THE OTHER MEETING(S) WILL BE IN A
 TRADITIONAL CLASSROOM.
 CONCURRENT ENROLLMENT IN LIB 160 IS RECOMMENDED.

3298001 DA TR 3:40-6:20PM
 MEETS: JAN 9-MARCH 3
 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 6-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 Note: SEC. FB MAY MEET THURSDAYS IN FRILEY HALL
 COMPUTER LAB

3298020 FD T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 9-MAY 5
 Note: SEC. FD MAY MEET THURSDAY IN FRILEY HALL
 COMPUTER LAB

3298035 FG MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 Note: SEC. FL MAY MEET THURSDAY IN FRILEY HALL
 COMPUTER LAB

3298200 TA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC. TB MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

ENGLISH

(CONTINUED)

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS
 3298210 TC WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 Note: SEC TH MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3298245 TJ MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 9-MAY 5
 Note: SEC TJ MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB
 3298250 TK MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC TK MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB
 3298285 TT MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC TV MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL STUDENTS ONLY. MEETS JOINTLY WITH SEC TT. SEE ADVISOR TO ADD.
 3298295 TW MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC TX MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION INTERNATIONAL STUDENTS ONLY. MEETS JOINTLY WITH SEC TW. SEE ADVISOR TO ADD.

SPEAKG FOR INT'L TA ENGL 180A 3 CREDITS
 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 MW 3:10-4:30
 MEETS: JAN 9-MAY 5
 Note: Department permission required.

ADV SPEAKG INT'L TA ENGL 180C 3 CREDITS
 Prereq: NO MORE THAN ONE SECTION OF ENGL 180 MAY BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
 Note: ENGL 180C DOES NOT APPLY TOWARD GRADUATION. FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.
 Satisfactory-Fail Only.
 3585005 1 TR 3:10-4:30
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: Department permission required.
 3593010 2 MW 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: Department permission required.

ENGLISH

(CONTINUED)

INTRO TO LITERATURE ENGL 201 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 3303005 A1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL, SP CM, TCOMM ONLY MAJORS ONLY
 TOPIC: BANNED BOOKS
 3303010 A2 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, SP CM, TCOMM
 TOPIC: BANNED BOOKS

INTRO CREATIVE WRIT ENGL 207 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 7369005 A TR 2:10-3:00
 M 4:10-5:00
 MEETS: JAN 9-MAY 5
 7369010 B TR 2:10-3:00
 M 4:10-5:00
 MEETS: JAN 9-MAY 5
 7369015 C TR 2:10-3:00
 M 5:10-6:00PM
 MEETS: JAN 9-MAY 5
 7369020 D TR 2:10-3:00
 M 5:10-6:00PM
 MEETS: JAN 9-MAY 5
 7369025 E TR 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 9-MAY 5
 7369030 F TR 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 9-MAY 5
 7369035 G TR 2:10-3:00
 T 5:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 3307010 B MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC B RESTRICTED TO ENGL, LING SOPH & ABOVE
 3307015 C TR 2:10-3:30
 MEETS: JAN 9-MAY 5

DESCRP ENGL GRAMMAR ENGL 220 3 CREDITS
 Prereq: ENGL 250
 3308005 A MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 3308010 B TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 3308015 C TR 12:40-2:00
 MEETS: JAN 9-MAY 5

BRIT LIT SINCE 1800 ENGL 226 3 CREDITS
 Prereq: ENGL 250
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 5351005 A1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 5351010 A2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

AMER LIT SINCE 1865 ENGL 228 3 CREDITS
 Prereq: ENGL 250
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 5360005 A1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 5360010 A2 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 Prereq: ENGL 150 OR EXEMPTION FROM ENGL 150;
 CREDIT FOR OR CONCURRENT ENROLLMENT IN LIB 160
 Note: EVERY SECTION MEETS IN A COMPUTER WRITING LAB ONE DAY PER WEEK. THE OTHER MEETING(S) WILL BE IN A TRADITIONAL CLASSROOM. PREREQ ENFORCED.
 3299905 CA MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 Note: SEC CA IS LIKELY TO MEET ALL DAYS IN THE COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED
 3299910 CB MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC CB IS LIKELY TO MEET ALL DAYS IN THE COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED
 3299915 CC MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC CC IS LIKELY TO MEET ALL DAYS IN THE COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED
 3299920 CD MWF 3:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC CD IS LIKELY TO MEET ALL DAYS IN THE COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED
 3299925 CE MWF 4:10-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC CE IS LIKELY TO MEET ALL DAYS IN THE COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299930 CF TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 Note: SEC CF IS LIKELY TO MEET ALL DAYS IN THE
 COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299935 CG TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC CG IS LIKELY TO MEET ALL DAYS IN THE
 COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299010 DB WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: SEC DB MEETS IN A DURHAM CENTER
 COMPUTER LAB ON MONDAYS
 3299015 DC WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC DC MEETS IN A DURHAM CENTER
 COMPUTER LAB ON MONDAYS
 3299030 FC R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC. FD MAY MEET TUESDAY IN FRILEY HALL
 COMPUTER LAB
 3299045 FF R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC. FG MAY MEET TUESDAY IN FRILEY HALL
 COMPUTER LAB
 3299220 LE WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: SEC LE MAY MEET MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299225 LF WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 Note: SEC LH MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299250 LL T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC LM MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299300 MA WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 Note: SEC MD MAY MEET MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM.
 3299330 MG MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC MG MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER LAB
 3299350 ML T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC MM MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM

ENGLISH

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WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299360 MN T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 Note: SEC MU MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299105 NA MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 Note: SEC NA MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299110 NB MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC NB MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299115 NC MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC NC MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299120 ND MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC ND MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299125 NE MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: SEC NE MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299130 NF MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC NF MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299135 NG MWF 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC NG MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299140 NH MWF 3:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC NH MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299145 NJ MWF 4:10-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC NJ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299150 NK TR 8:00-9:20
 MEETS: JAN 9-MAY 5
 Note: SEC NK MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299155 NL TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC NL MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299160 NM TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 Note: SEC NM MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299165 NN TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC NN MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299170 NP TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC NP MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299175 NQ TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC NQ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299400 PA TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 Note: SEC PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299405 PB TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC PB MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299410 PC TR 3:40-6:20PM
 MEETS: JAN 9-MARCH 3
 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.

ENGLISH

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WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299461 PD TR 3:40-6:20PM
 MEETS: MARCH 6-MAY 5
 Note: SEC PR MAY MEET IN ROSS HALL LAPTOP LAB.
 COMPUTERS ARE PROVIDED.
 Department permission required 1st week.
 3299420 PE TR 8:00-9:20
 MEETS: JAN 9-MAY 5
 Note: SEC PE MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299425 PF TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC PF MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299430 PG MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 Note: SEC PG MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299435 PH MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC PH MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299440 PJ MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC PJ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299445 PK MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC PK MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299450 PL MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: SEC PL MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299455 PM MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC PM MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299460 PN MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC PN MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299465 PP MW 3:10-6:00PM
 MEETS: JAN 9-MARCH 3
 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 6-MAY 5
 Note: SEC PQ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 CONTACT DEANNA STUMBO 1ST WEEK FOR PERMISSION
 Department permission required 1st week.
 3299260 PR TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC PR MAY MEET IN ROSS HALL LAPTOP COMPUTER
 LAB. COMPUTERS ARE PROVIDED.
 3299700 RA MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 Note: SEC RA MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299705 RB MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC RB MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299710 RC MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC RC MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299715 RD MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC RD MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299720 RE MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: SEC RE MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299725 RF MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC RF MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299730 RG MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC RG MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299735 RH MWF 3:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC RH MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299740 RJ MWF 4:10-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC RJ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299745 RK TR 8:00-9:20
 MEETS: JAN 9-MAY 5
 Note: SEC RK MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299750 RL TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC RL MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 THIS SECTION WILL COVER THE NATURE OF SCIENCE AND
 COMMUNICATION OF SCIENCE.
 3299755 RM TR 11:00-12:20
 MEETS: JAN 9-MAY 5

ENGLISH

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WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 Note: SEC RM MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299760 RN TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC RN MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299765 RP TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC RP MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299770 RQ TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC RQ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299800 SA MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 Note: SEC SA MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299805 SB MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC SB MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299810 SC MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC SC MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299815 SD MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC SD MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299820 SE MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: SEC SE MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299825 SF MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC SF MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299821 SG MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC SH MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299827 SJ MWF 4:10-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC SJ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299830 SK TR 8:00-9:20
 MEETS: JAN 9-MAY 5
 Note: SEC SK MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299840 SL TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC SL MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299845 SM TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 Note: SEC SM MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299885 SN TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC SN MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299890 SQ TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC SQ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299892 ST TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC ST THIS SEC IS FOR STUDENTS WHO ARE
 ENROLLED IN THE STUDY ABROAD TRIP TO EXETER,
 ENGLAND SPRING BREAK FOR 1 EXTRA CREDIT HOUR.
 INTERESTED STUDENTS SHOULD APPLY TO STUDY ABOARD
 CENTER BY OCT. 31.
 3299500 TA T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 9-MAY 5
 Note: SEC TA MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299505 TB T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 9-MAY 5
 Note: SEC TB MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299510 TC T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 9-MAY 5
 Note: SEC TC MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299515 TD T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC TD WILL MEET IN A ROSS HALL COMPUTER LAB
 3299525 TE R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC TF MAY MEET TUESDAY IN ROSS HALL COMPUTER LAB

ENGLISH

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WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299535 TG T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC TG MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB

3299550 TK MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC TK MEETS FRIDAY IN ROSS COMPUTER LAB

3299555 TL MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC TL MEETS FRIDAY IN ROSS COMPUTER LAB

3299605 VB WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 Note: SEC VD MAY MEETS WEDNESDAY IN ROSS HALL COMPUTER LAB

3299620 VE WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC VE MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3299625 VF WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC VG MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3299635 VH WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC VJ MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3299664 VN T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC VA MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB

3299666 VR WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC VR MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3299670 VW MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC VX MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION INTERNATIONAL STUDENT ONLY. MEETS JOINTLY WITH SEC VW. SEE ADVISOR TO ADD.

3299680 VY MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC VZ MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION INTERNATIONAL STUDENTS ONLY. MEETS JOINTLY WITH SEC VY. SEE ADVISOR TO ADD.

INTRO LITERARY STDY ENGL 260 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 Note: SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS.
 SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM

3306005 A1 TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.

3306010 A2 TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THEN ENGL, TCOMM

ENGLISH

(CONTINUED)

SCI IN PUBL:CMUNIC ENGL 270X 3 CREDITS
 Prereq: ENGL 250
 9875005 A MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

3314010 2 WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 9-MAY 5

3314015 3 MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: SEC 3 RESTRICTED TO JUNIORS & SENIORS IN THE COLLEGE OF BUSINESS

3314020 4 MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC 4 RESTRICTED TO JUNIORS & SENIORS IN THE COLLEGE OF BUSINESS

3314025 5 WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 9-MAY 5

3314030 6 WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 9-MAY 5

3314035 7 MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 9-MAY 5

3314040 8 MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 9-MAY 5

3314045 9 MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 9-MAY 5

3314170 EM MW 6:00-8:00PM
 MEETS: JAN 23-APRIL 5
 Note: SECTION EM FOR MAJORS OTHER THAN L ST, LAS S

3314175 ES MW 6:00-8:00PM
 MEETS: JAN 23-APRIL 5
 Note: SEC ES FOR L ST, LAS S MAJORS ONLY

3314600 XN ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT STACIES@IASTATE.EDU WITH ANY QUESTIONS. Section XN is off campus Course delivery is WWW

3314605 XO ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT STACIES@IASTATE.EDU WITH ANY QUESTIONS. Section XO is off campus Course delivery is WWW

3314610 XP ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT STACIES@IASTATE.EDU WITH ANY QUESTIONS. Section XP is off campus Course delivery is WWW

3314615 XQ ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT STACIES@IASTATE.EDU WITH ANY QUESTIONS. Section XQ is off campus Course delivery is WWW

3314620 XR ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT STACIES@IASTATE.EDU WITH ANY QUESTIONS. Section XR is off campus Course delivery is WWW

3314625 XS ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT STACIES@IASTATE.EDU WITH ANY QUESTIONS. Section XS is off campus Course delivery is WWW

3314630 XT ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT STACIES@IASTATE.EDU WITH ANY QUESTIONS. Section XT is off campus Course delivery is WWW

3314635 XU ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT STACIES@IASTATE.EDU WITH ANY QUESTIONS. Section XU is off campus Course delivery is WWW

3314640 XV ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT STACIES@IASTATE.EDU WITH ANY QUESTIONS. Section XV is off campus Course delivery is WWW

3314645 XW ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT STACIES@IASTATE.EDU WITH ANY QUESTIONS. Section XW is off campus Course delivery is WWW

ENGLISH (CONTINUED)

ENGLISH (CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS
 3314050 10 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 9-MAY 5
 3314055 11 WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 9-MAY 5
 3314060 12 WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 9-MAY 5
 3314065 13 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 9-MAY 5
 3314070 14 MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 9-MAY 5
 3314075 15 MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC 15 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314080 16 MW 4:10-5:00
 F 4:10-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC 16 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314085 17 T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 9-MAY 5
 Note: SEC 17 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314090 18 T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC 18 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314095 19 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 9-MAY 5
 3314100 20 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 9-MAY 5
 3314105 21 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 9-MAY 5
 3314110 22 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 9-MAY 5
 3314115 23 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 9-MAY 5
 3314120 24 T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 9-MAY 5
 3314125 25 R 2:10-3:00
 T 2:10-3:00
 MEETS: JAN 9-MAY 5
 3314130 26 T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC 26 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314135 27 R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 9-MAY 5
 3314140 28 MW 8:00-8:50
 F 8:00-8:50
 MEETS: JAN 9-MAY 5
 Note: SEC 28 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314145 29 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 29 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314150 30 WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 9-MAY 5
 3314155 31 WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 9-MAY 5
 3314160 32 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 9-MAY 5
 3314165 33 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC 33 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314180 34 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 9-MAY 5
 3314185 35 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 9-MAY 5
 3314190 36 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC 36 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314195 37 MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 9-MAY 5
 3314200 38 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 9-MAY 5

BUSINESS COMMUNICAT ENGL 302 3 CREDITS
 3314205 39 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 9-MAY 5
 3314210 40 WF 4:10-5:00
 M 4:10-5:00
 MEETS: JAN 9-MAY 5
 3314215 41 T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC 41 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314220 42 MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 9-MAY 5
 3314225 43 MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 43 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314230 44 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 9-MAY 5
 3314235 45 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 9-MAY 5
 3314240 46 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 3314245 47 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 9-MAY 5
 3314250 48 MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 9-MAY 5
 CREAT WRITING:FICTN ENGL 304 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 Note: COURSE IS RESTRICTED TO SOPH AND ABOVE
 3316005 A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 3316010 B TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 3316015 C TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 CREAT WRITING:NON-F ENGL 305 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 3317005 A TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 CREAT WRITING: POET ENGL 306 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 3318005 A TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 PROPOS&RPRT WRITNG ENGL 309 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 8089005 A1 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 8089010 A2 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 8089015 B1 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 9-MAY 5
 8089025 C1 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 8089035 D1 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 9-MAY 5
 8089040 E1 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 9-MAY 5
 8089045 F1 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 9-MAY 5
 8089600 XV ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT
 STACIES@IASTATE.EDU WITH ANY QUESTIONS.
 Section XV is off campus
 Course delivery is WWW
 8089605 XW ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT
 STACIES@IASTATE.EDU WITH ANY QUESTIONS.
 Section XW is off campus
 Course delivery is WWW
 RHETORICAL ANALYSIS ENGL 310 3 CREDITS
 Prereq: ENGL 250
 8308005 A1 TR 8:00-9:20
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 8308010 A2 TR 8:00-9:20
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

ENGLISH (CONTINUED)

BIOLOGICL COMMUNICA ENGL 312 3 CREDITS
 Prereq: ENGL 250
 Note: COURSE IS RESTRICTED TO MAJOR IN LIFE SCIENCES
 6971005 A T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 9-MAY 5
 6971010 B T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 9-MAY 5

RHETORCL WEBSTE DSN ENGL 313 3 CREDITS
 Prereq: ENGL 250
 5597005 A1 TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 5597010 A2 TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 3356010 2 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5
 3356015 3 MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 9-MAY 5
 3356020 4 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 3356025 5 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 9-MAY 5
 3356030 6 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 9-MAY 5
 3356035 7 MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 9-MAY 5
 3356040 8 MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 9-MAY 5
 3356045 9 MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 9-MAY 5
 3356105 EM TR 6:00-8:00PM
 MEETS: JAN 24-APRIL 6
 3356107 EN TR 6:00-8:00PM
 MEETS: JAN 24-APRIL 6
 3356110 ES TR 6:00-8:00PM
 MEETS: JAN 24-APRIL 6
 Note: SEC ES FOR L ST, LAS S MAJORS ONLY
 3356600 XT ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT
 STACIES@IASTATE.EDU WITH ANY QUESTIONS.
 Section XT is off campus
 Course delivery is WWW
 3356605 XU ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT
 STACIES@IASTATE.EDU WITH ANY QUESTIONS.
 Section XU is off campus
 Course delivery is WWW
 3356610 XV ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT
 STACIES@IASTATE.EDU WITH ANY QUESTIONS.
 Section XV is off campus
 Course delivery is WWW
 3356615 XW ARRANGED
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT STACIE SCHAEFER AT
 STACIES@IASTATE.EDU WITH ANY QUESTIONS.
 Section XW is off campus
 Course delivery is WWW
 3356050 10 T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 9-MAY 5
 3356055 11 T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 9-MAY 5
 3356060 12 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 9-MAY 5
 3356065 13 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 9-MAY 5
 3356070 14 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 9-MAY 5
 3356075 15 R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC 15 RESTRICTED TO LING MAJORS ONLY
 3356080 16 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 9-MAY 5
 3356085 17 MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 9-MAY 5

ENGLISH (CONTINUED)

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS
 3356090 18 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 9-MAY 5
 3356095 19 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 9-MAY 5
 3356100 20 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 9-MAY 5
 3356115 21 MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 9-MAY 5
 3356120 22 MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 9-MAY 5
 3356125 23 MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 9-MAY 5
 3356130 24 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 9-MAY 5

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 9-MAY 5

CRTV WRT:PLAYWRITNG ENGL 316 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 Note: COURSE IS RESTRICTED TO SOPH AND ABOVE
 3321005 A1 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL MAJOR ONLY
 3321010 A2 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO PERF MAJORS ONLY

TOPC LINGUIST STRUC ENGL 320X 3 CREDITS
 Prereq: ENGL 219/LING 219, ENGL 220/LING 220
 9841005 A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

LANGUAGE & SOCIETY ENGL 322X 3 CREDITS
 Prereq: ENGL 219 OR LING 219
 9893005 A MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

TCH MTH ESL:ORAL CM ENGL 325X 3 CREDITS
 Prereq: ENGL 219 OR LING 219
 9895005 A MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

SCIENCE FICTION ENGL 330 3 CREDITS
 Prereq: ENGL 250
 3312600 XW ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

AM INDIAN WMN WRITE ENGL 342 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 9756005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5 COPPOC J

AFRIC AM LIT STUDIE ENGL 347 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 3326005 A1 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
 3326010 A2 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

RHETORICAL TRADITNS ENGL 350 3 CREDITS
 Prereq: ENGL 250
 8387005 A1 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM
 MAJORS ONLY
 8387010 A2 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM

WORLD LIT:1600-PRES ENGL 354 3 CREDITS
 Prereq: ENGL 250
 Note: Meets international perspectives reqmt
 3330005 A1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3330010 A2 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM

ENGLISH (CONTINUED)

ENGLISH (CONTINUED)

LIT AND THE ENVIRON ENGL 355 3 CREDITS
 Prereq: ENGL 250
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 5370005 A1 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 5370010 A2 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

STU 19TH C AMER LIT ENGL 362 3 CREDITS
 Prereq: ENGL 250; SOPHOMORE CLASSIFICATION
 3336005 A1 TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3336010 A2 TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

SHAKESPEARE ENGL 370 3 CREDITS
 Prereq: ENGL 250
 Note: Meets international perspectives reqmt
 3341005 A1 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3341010 A2 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM

BRIT LIT: VICTORIAN ENGL 376B 3 CREDITS
 Prereq: ENGL 250; SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 9056005 A1 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 9056010 A2 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

HIST OF CHILD'S LIT ENGL 393 3 CREDITS
 Prereq: ENGL 250
 8391600 XW ARRANGED
 MEETS: JAN 9-MAY 5
 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
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
 3350010 A2 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO EL ED MAJORS ONLY.

TEACHING 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 9-MAY 5

CR WRIT WKSH: FICTN ENGL 404 3 CREDITS
 Prereq: ENGL 304
 3353005 A TR 9:30-10:50
 MEETS: JAN 9-MAY 5

BUSI&TECHNICAL EDIT ENGL 415 3 CREDITS
 Prereq: ENGL 302, ENGL 309, OR ENGL 314; JUNIOR
 CLASSIFICATION
 3358005 A1 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3358010 A2 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC 1 OFFERED FOR 16 CREDITS.
 7786010 2 ARRANGED
 MEETS: JAN 9-MARCH 3
 Note: SEC 2 OFFERED FOR 8 CREDITS.
 7786015 3 ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 7786020 4 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 4 OFFERED FOR 16 CREDITS.
 7786025 5 ARRANGED
 MEETS: JAN 9-MAY 5

SEMNR ARGUMENTATION ENGL 418 3 CREDITS
 Prereq: ENGL 310; JUNIOR CLASSIFICATION
 2718005 A TR 2:10-3:30
 MEETS: JAN 9-MAY 5

HIST OF ENGLISH LANG ENGL 420 3 CREDITS
 Prereq: ENGL/LING 219, ENGL/LING 220
 Note: NOT OPEN TO FRESHMEN OR SOPHOMORES
 3360005 A TR 8:00-9:20
 MEETS: JAN 9-MAY 5

2ND LANG LRNG&TCHNG ENGL 425 3 CREDITS
 Prereq: ENGL/LING 219, JUNIOR CLASSIFICATION
 9321005 A MW 4:30-5:50
 MEETS: JAN 9-MAY 5

SMNR LITERRY GENRES ENGL 450 3 CREDITS
 Prereq: COMPLETION OF 9 CR OF SURVEYS; COMPLETION
 OF OR CONCURRENT ENROLLMENT IN ENGL 339; JUNIOR
 CLASSIFICATION.
 5400005 A T 6:10-9:00PM
 MEETS: JAN 9-MAY 5

INTERN BUS, PRO COMM ENGL 487 1- 3 CREDITS
 Prereq: JUNIOR CLASSIF; PERMISSN OF COORDINATOR;
 9 CR IN ENGL 302, ENGL 309, ENGL 313, ENGL 314, ENGL
 415 (PREFERRED), ENGL 416, OR ENGL 477.
 Note: Department permission required.
 9099005 A ARRANGED
 MEETS: JAN 9-MAY 5

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

ENGLISH (CONTINUED)

TEACH LIT SECONDARY ENGL 494 3 CREDITS
 Prereq: ENGL 310, ENGL 397, 9 OTHER CREDITS IN ENGL BEYOND ENGL 250, PSYCH 333, ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 3379005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

RSRCH METHD RHETORC ENGL 501 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN ENGLISH
 8090005 A W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

TCHG BUS&TECHN COMM ENGL 504 3 CREDITS
 Prereq: GRADUATE STANDING
 Note: COURSE RESTRICTED TO GRADUATE ENGL MAJORS
 3388005 A ARRANGED
 MEETS: JAN 9-MAY 5

WRIT&ANLY PRO DOCUM ENGL 507 3 CREDITS
 Prereq: ADMISSION TO ENGLISH DEPT GRADUATE DEGREE PROGRAM
 Note: COURSE RESTRICTED TO ENGL GRADUATE STUDENTS ONLY
 3391005 A T 12:40-2:20
 R 12:40-2:20
 MEETS: JAN 10-APRIL 6
 Note: SEC A RESTRICTED TO ACCT GRADUATE STUDENTS ONLY

2ND LANGUAGE ACQUIS ENGL 512 3 CREDITS
 Prereq: ENGL 511 OR AN INTRO COURSE IN LINGUISTICS
 3400005 A MW 3:40-5:00
 MEETS: JAN 9-MAY 5

LANGU ASSESS PRACTM ENGL 513 3 CREDITS
 Prereq: ENGL 519
 8728005 A ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

SOCIOLINGUISTICS ENGL 514 3 CREDITS
 Prereq: ENGL/LING 511 OR AN INTRODUCTORY LINGUISTICS COURSE
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3397006 A TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

STATISTC LANGU PROC ENGL 515 3 CREDITS
 Prereq: STAT 330 OR EQUIVALENT.
 RECOMMEND: ENGL/LING 219 OR ENGL/LING 511.
 8015005 A TR 12:40-2:00
 MEETS: JAN 9-MAY 5

2ND LANUAGE ASSESSM ENGL 519 3 CREDITS
 Prereq: ENGL/LING 511
 3402005 A MW 9:30-10:50
 MEETS: JAN 9-MAY 5

OLD ENGL LANG & LIT ENGL 523 3 CREDITS
 Prereq: COURSE IN MEDIAEVAL LITERATURE OR HISTORY OR HISTORY OF THE ENGLISH LANGUAGE RECOMMENDED
 2098005 A TR 3:40-5:00
 MEETS: JAN 9-MAY 5

CPR-ASSIST LANG LRN ENGL 526 3 CREDITS
 Prereq: ENGL/LING 511 OR EQUIVALENT
 3638005 A M 6:10-9:00PM
 MEETS: JAN 9-MAY 5

DISCOURSE ANALYSIS ENGL 527 3 CREDITS
 Prereq: ENGL/LING 511 OR AN INTRODUCTORY COURSE IN LINGUISTICS
 Note: COURSE RESTRICTED TO ENGL GRADUATE STUDENTS
 2052005 A TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 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
 MEETS: JAN 9-MAY 5

AMERICN LIT TO 1865 ENGL 532 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR 6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE
 1244005 A W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

STDY ENVIRONMTL LIT ENGL 543 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: COURSE RESTRICTED TO ENGL GRAD STUDENTS ONLY.
 8359005 A T 6:10-9:00PM
 MEETS: JAN 9-MAY 5

ENGLISH (CONTINUED)

FICTION WORKSHOP ENGL 554 3 CREDITS
 Prereq: ENGL 550 AND GRADUATE ADMISSION INTO THE CREATIVE WRITING AND ENVIRONMENT PROGRAM
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3412005 A W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

3412010 B W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

POETRY WORKSHOP ENGL 556 3 CREDITS
 Prereq: ENGL 550 AND GRADUATE ADMISSION INTO THE CREATIVE WRITING AND ENVIRONMENT PROGRAM
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3413005 A M 6:10-9:00PM
 MEETS: JAN 9-MAY 5

3413010 B M 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 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: ENGL 550 AND GRADUATE ADMISSION INTO THE CREATIVE WRITING AND ENVIRONMENT PROGRAM
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.
 9075005 A TR 3:40-5:00
 MEETS: JAN 9-MAY 5

CRTV WRT TCHG INTRN ENGL 559 1- 3 CREDITS
 Prereq: PERMISSION OF PARTICIPATING INSTRUCTORS
 7431005 A ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

ENVIRON FIELD EXPER ENGL 560 3 CREDITS
 Prereq: ENGL 550, GRAD CLASSIFICATION. OPEN TO GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND ENVIRONMENT WITH PERMISSION OF INSTRUCTOR.
 8229005 A ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

TOPICS STDY OF FILM ENGL 562X 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR 6 CREDITS IN FILM AT 300 LEVEL OR ABOVE
 9413005 A R 6:10-9:00PM
 MEETS: JAN 9-MAY 5

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
 MEETS: JAN 9-MAY 5

PRA TCH ENG 2ND LNG ENGL 588 3 CREDITS
 Prereq: 9 CREDITS TOWARD TESL/TEFL CERTIFICATE, 15 CREDITS TOWARD TESL/AL MASTER'S DEGREE, OR 18 CR COMPLETED TOWARD THE ESL ENDORSEMENT OPTION
 3426005 A ARRANGED
 MEETS: JAN 9-MAY 5

SUPV PRACT LIT EDIT ENGL 589 1- 3 CREDITS
 Prereq: ENGL 550 AND PERMISSION OF INSTRUCTOR
 7611005 A ARRANGED
 MEETS: JAN 9-MAY 5

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

ENGLISH

(CONTINUED)

SPL TP APP LING&TEC ENGL 590G VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE

 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ENGL 599 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR

 SEE DEPT FOR REFERENCE NUMBERS

RHET RES MTHDS:QLTV ENGL 602A 3 CREDITS
 1127005 A T 3:10-6:00PM
 MEETS: JAN 9-MAY 5

TOPCS RHETOR THEORY ENGL 611 3 CREDITS
 Prereq: ENGL 547 OR ENGL 548
 8395005 A M 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Note: SEC A TOPIC: INTERPERSONAL COMMUNICATION
 RESEARCH, THEORY, & PRACTICE

SMNR APPLD LINGUIST ENGL 630 3 CREDITS
 Prereq: ENGL/LING 510, ENGL/LING 511
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.
 4758005 A MW 12:40-2:00
 MEETS: JAN 9-MAY 5
 4758010 B T 6:10-9:00PM
 MEETS: JAN 9-MAY 5

MULTMODAL WRIT PROG ENGL 631 3 CREDITS
 Prereq: ENGL 500, ENGL 503, ENGL 504, OR ENGL 603
 4913005 A W 6:10-9:00PM
 MEETS: JAN 9-MAY 5

PRACTCM TEC &LINGUI ENGL 688 3 CREDITS
 Prereq: ENGL/LING 510, ENGL/LING 626, OR EQUIV;
 AT LEAST 2ND YEAR PH.D. STUDENT IN APPLIED
 LINGUISTICS AND TECHNOLOGY
 7633005 A ARRANGED
 MEETS: JAN 9-MAY 5

RESEARCH ENGL 699 VAR. CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR

 SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

INTRO TO INSECTS ENT 201 1 CREDIT
 5197005 A TR 2:10-3:30
 MEETS: JAN 10-FEB 9
 HOLSCHER K

INSECTS AND SOCIETY ENT 211 2 CREDITS
 Prereq: ENT 201
 3441005 A TR 2:10-3:30
 MEETS: FEB 14-MAY 5
 HOLSCHER K

INTRO FORENSIC SCI ENT 220X 3 CREDITS
 9714005 A ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW
 9714600 XW ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

PESTICIDE APPL CERT ENT 283 2 CREDITS
 6695005 A MW 2:10-3:00
 MEETS: JAN 9-MAY 5
 HOLSCHER K

LIVESTOCK ENTOMOLGY ENT 372 2 CREDITS
 7986005 A T 5:10-7:00PM
 MEETS: JAN 9-MAY 5
 7986600 XW ARRANGED
 MEETS: JAN 9-MARCH 3
 Note: Section XW is off campus
 Course delivery is WWW

INSECTS &OUR HEALTH ENT 374 3 CREDITS
 Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES
 Note: Meets international perspectives reqmt
 3445005 A TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 SMITH R

PLT PROTEC NAT ENEM ENT 375 3 CREDITS
 Prereq: ENT 370 OR ENT 376
 9546005 A TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 HARRIS M

FND ENTOMO&PEST MGT ENT 376 3 CREDITS
 Prereq: BIOL 101 OR BIOL 211
 Note: CREDIT FOR EITHER ENT 376 OR ENT 386, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 3446005 A TR 12:40-1:30
 T 2:10-5:00
 MEETS: JAN 9-MAY 5
 GASSMANN A
 GASSMANN A

3446010 B TR 12:40-1:30
 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 GASSMANN A
 GASSMANN A

3446015 C TR 12:40-1:30
 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 O'NEAL M
 O'NEAL M

3446020 D TR 12:40-1:30
 R 2:10-5:00
 MEETS: JAN 9-MAY 5
 GASSMANN A
 GASSMANN A

ENTOMOLOGY

(CONTINUED)

AQUATIC INSECTS ENT 425 3 CREDITS
 Prereq: BIOL 312 OR EQUIVALENT
 6353005 A MW 1:10-2:00
 F 1:10-4:00
 MEETS: JAN 9-MAY 5
 Note: Materials, field trips &/or travel fee \$40.00
 COURTNEY G
 COURTNEY G

PESTICIDES IN ENVIR ENT 450 2 CREDITS
 9834005 A MW 9:00-9:50
 MEETS: JAN 9-MAY 5
 COATS J

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
 7962005 ARRANGED
 MEETS: JAN 9-MAY 5
 7962800 CR ARRANGED
 MEETS: MARCH 8-17
 GLEASON M
 Note: SEC CR TAUGHT IN COSTA RICA. INTEGRATED
 MANAGEMENT OF TOPICAL CROPS. STUDY ABROAD
 SPRING 2017. MARCH 8-17
 Study Abroad Administrative Fee Applies

AQUATIC INSECTS ENT 525 3 CREDITS
 Prereq: BIOL 312 OR EQUIVALENT
 6364005 A MW 1:10-2:00
 F 1:10-4:00
 MEETS: JAN 9-MAY 5
 Note: Materials, field trips &/or travel fee \$40.00
 COURTNEY G
 COURTNEY G

PESTICIDES IN ENVIR ENT 550 2 CREDITS
 Prereq: GRAD CLASSIFICATION
 8682005 A MW 9:00-9:50
 MEETS: JAN 9-MAY 5
 COATS J

PLT PROTEC NAT ENEM ENT 575 3 CREDITS
 Prereq: ENT 370 OR ENT 376
 3456005 A TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 HARRIS M

SP TOP BIOL CONTROL ENT 590A 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES

 SEE DEPT FOR REFERENCE NUMBERS

SP TOP CHEM ECOLOGY ENT 590B 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES

 SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECO&PEST MGT ENT 590C 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES

 SEE DEPT FOR REFERENCE NUMBERS

SP TOP EVOL&SYSTMAT ENT 590D 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH TOPCS ENT 590E 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEDICAL&VET ENT 590F 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC MOLECULAR ENT 590G 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHYSL&BIOCH ENT 590H 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TOXICOLOGY ENT 590I 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCHNG EXPER ENT 590K 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES

 SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY (CONTINUED)

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 9-MAY 5

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

ENVIRONMENTAL SCIENCE

EXPLOR ENVIRONM SCI ENSCI 203 1 CREDIT
Prereq: ENSCI 202
Note: COURSE RESTRICTED TO ENSCA & ENSCS MAJORS ONLY
Satisfactory-Fail Only.
9529005 T 2:10-3:00 CARROLL H
MEETS: JAN 9-MAY 5

BIOL PROC IN ENVIRN ENSCI 251 3 CREDITS
9536005 1A TR 12:40-1:55 WILSEY B
MEETS: JAN 9-MAY 5
Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
9536010 1B TR 12:40-1:55 WILSEY B
MEETS: JAN 9-MAY 5
9536015 1C TR 12:40-1:55 WILSEY B
MEETS: JAN 9-MAY 5
Note: SEC 1C RESTRICTED TO A E, BSE MAJORS ONLY

ENERGY &THE ENVIRON ENSCI 324 3 CREDITS
4865005 1 MWF 11:00-11:50
MEETS: JAN 9-MAY 5
4865600 XW ARRANGED WOOD A
MEETS: JAN 9-MAY 5
Note: Section XW is off campus
Course delivery is WWW

NAT RES PHOTGRM&GIS ENSCI 345 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
3031005 TR 8:00-8:50 WOLTER P
W 1:10-4:00 WOLTER P
MEETS: JAN 9-MAY 5

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 1:10-3:00 BURRAS C
MEETS: JAN 9-MAY 5
1924010 2 MW 9:00-9:50 BURRAS C
W 3:10-5:00 BURRAS C
MEETS: JAN 9-MAY 5
1924015 3 MW 9:00-9:50 BURRAS C
W 12:10-2:00 BURRAS C
MEETS: JAN 9-MAY 5
1924020 4 MW 9:00-9:50 BURRAS C
W 2:10-4:00 BURRAS C
MEETS: JAN 9-MAY 5

ECO&ENVIRON SCI GIS ENSCI 370 1- 6 CREDITS
Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL
SCIENCES; PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
Satisfactory-Fail Only.
4002005 ARRANGED LU C
MEETS: JAN 9-MAY 5

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 CRUMPTON W
W 12:10-3:00 CRUMPTON W
MEETS: JAN 9-MAY 5
4810010 1B T 12:40-1:55 CRUMPTON W
W 12:10-3:00 CRUMPTON W
MEETS: JAN 9-MAY 5
4810015 2A T 12:40-1:55 CRUMPTON W
W 3:10-6:00PM CRUMPTON W
MEETS: JAN 9-MAY 5
4810020 2B T 12:40-1:55 CRUMPTON W
W 3:10-6:00PM CRUMPTON W
MEETS: JAN 9-MAY 5
4810025 3A T 12:40-1:55 CRUMPTON W
R 12:10-3:00 JUDGE C
MEETS: JAN 9-MAY 5
4810030 3B T 12:40-1:55 CRUMPTON W
R 12:10-3:00 CRUMPTON W
MEETS: JAN 9-MAY 5
4810035 4A T 12:40-1:55 CRUMPTON W
R 3:10-6:00PM CRUMPTON W
MEETS: JAN 9-MAY 5
4810040 4B T 12:40-1:55 CRUMPTON W
R 3:10-6:00PM CRUMPTON W
MEETS: JAN 9-MAY 5

ENVIRONMENTAL SCIENCE (CONTINUED)

INTRO TO ECOSYSTEMS ENSCI 384 3 CREDITS
Prereq: 12 CREDITS OF NATURAL SCIENCE
INCLUDING BIOLOGY AND CHEMISTRY
7124005 1A TR 9:30-10:50
MEETS: JAN 9-MAY 5
Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
7124010 1B TR 9:30-10:50
MEETS: JAN 9-MAY 5

INTERNSHIP ENVI SCI ENSCI 390 VAR. CREDITS
Prereq: APPROVAL OF THE ENVI SCI COORDINATOR
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

APPRENTICESHIP ENSCI 391 VAR. CREDITS
Prereq: APPROVAL OF THE ENVI SCI 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
MEETS: JAN 9-MAY 5
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 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 9-MAY 5

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 9-MAY 5

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 9-MAY 5
2830010 2 TR 9:30-10:50 SCHULTZ R
T 12:10-3:00 SCHULTZ R
MEETS: JAN 9-MAY 5

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
MWF 12:10-1:00
MEETS: JAN 9-MAY 5

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 9-FEB 10

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: APRIL 2-MAY 5

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: APRIL 2-MAY 5

STABLE ISOTOPES ENV ENSCI 426 3 CREDITS
Prereq: 4 COURSES IN BIOLOGICAL OR PHYSICAL SCI
6844005 TR 9:30-10:50
MEETS: JAN 9-MAY 5

APPL&ENVIR GEOPHYSC ENSCI 451 3 CREDITS
Prereq: GEOL 100 OR GEOL 201, COLLEGE ALGEBRA
AND TRIGONOMETRY
3090005 MW 10:00-10:50
F 10:00-10:50
F 11:00-11:50
MEETS: JAN 9-MAY 5
Note: Equipment use and field trips & travel fee \$70.00

GIS FOR GEOSCIENTST ENSCI 452 3 CREDITS
Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
3093005 MW 4:10-5:00
F 4:10-5:00
MW 5:10-6:00PM
MEETS: JAN 9-MAY 5

ENVIRONMENTAL SCIENCE (CONTINUED)

ENVIRONMENTAL SCIENCE (CONTINUED)

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 BURRAS C
 ARRANGED
 MEETS: JAN 9-MAY 5

ENVIRONM BIOGEOCHEM ENSCI 483X 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOLOGY, CHEMISTRY, AND PHYSICS
 9885005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

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
 MEETS: JAN 9-MAY 5

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

INT'L TRAVEL TOUR ENSCI 496A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6179800 CR ARRANGED BURRAS C
 MEETS: MARCH 8-18
 Note: SEC CR TAUGHT IN COSTA RICA, COUNTY WIDE. TOPIC: SOIL, CROPS & WATER OF COSTA RICA. STUDY ABROAD SPRING 2017. OFFERED FOR 3 CREDITS.
 TRAVEL: MARCH 8-18
 Study Abroad Administrative Fee Applies

COOPERATIVE EDUCATN ENSCI 498 R CREDIT
 Prereq: PERMISSION OF ENSCI COORDINATOR
 6276005 ARRANGED
 MEETS: JAN 9-MAY 5

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
 MEETS: JAN 9-MAY 5

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 9-MAY 5

WATERSHED MANAGEMNT ENSCI 507 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY. JUNIORS & SENIORS NEED THE PERMISSION OF INSTRUCTOR
 3868005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 9-MAY 5
 3868010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 9-MAY 5

GIS&NAT RESOURC MGT ENSCI 508 3 CREDITS
 Prereq: WORKING KNOWLEDGE OF CMPTRS & WINDOWS ENVIRONMENT
 4447005 MW 3:10-5:00
 MEETS: JAN 9-MAY 5

HYDROLGC MDLNG&ANLY ENSCI 516 3 CREDITS
 Prereq: FOUR COURSES IN EARTH SCI, METEOROLOGY, OR ENGINEERING; JUNIOR CLASSIFICATION
 8579005 MW 11:00-11:50
 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

WTR POLL CNTRL PROC ENSCI 522 3 CREDITS
 Prereq: C E 521
 4517005 1 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

PHY-CHEM TREAT PROC ENSCI 523 3 CREDITS
 Prereq: C E 520
 4530005 TR 4:10-5:30
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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: JAN 9-MAY 5

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: JAN 9-MAY 5

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: JAN 9-MAY 5

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: JAN 9-MAY 5

STABLE ISOTOP&ENVIR ENSCI 526 3 CREDITS
 Prereq: 4 COURSES IN PHYSICAL OR BIOL SCIENCE
 3178005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

SOLID&HAZ WASTE MGT ENSCI 528 3 CREDITS
 Prereq: C E 326 OR BACKGROUND COURSES IN BOTH ENVIRONMENTAL CHEMISTRY AND MICROBIOLOGY, JUNIOR STANDING
 8403005 1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

APPL&ENVIR GEOPHYSC ENSCI 551 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201, MATH 181 OR EQUIVALENT EXPERIENCE
 3199005 MW 10:00-10:50
 F 10:00-10:50
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: Field trips & travel fee \$70.00

GIS FOR GEOSCIENTST ENSCI 552 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3217005 MW 4:10-5:00
 F 4:10-5:00
 MW 5:10-6:00PM
 MEETS: JAN 9-MAY 5

SOIL-PLANT RELATION ENSCI 553 3 CREDITS
 Prereq: AGRON 354
 6258005 MWF 2:10-3:00 MCDANIEL M
 MEETS: JAN 9-MAY 5

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, ARRANGED
 MEETS: JAN 9-MAY 5

SURFC WTR HYDROLOGY ENSCI 571 3 CREDITS
 Prereq: C E 372
 4567005 1 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

SOIL PHYSICS ENSCI 577 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 AND MATH 166
 7360005 MWF 10:00-10:50 HORTON R
 MEETS: JAN 9-MAY 5

LAB MTHD SOIL PHYSC ENSCI 578 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN ENSCI 577
 7362005 M 1:10-4:00 HORTON R
 MEETS: JAN 9-MAY 5

ANALYS ENVIRNM SYST ENSCI 582 3 CREDITS
 Prereq: ENSCI 581
 6285005 1 T 12:40-1:55 CRUMPTON W
 W 3:10-6:00PM CRUMPTON W
 MEETS: JAN 9-MAY 5
 Note: Department permission required.
 6285010 2 T 12:40-1:55 CRUMPTON W
 W 3:10-6:00PM CRUMPTON W
 MEETS: JAN 9-MAY 5
 Note: Department permission required.

ENVIRONMENTAL SCIENCE (CONTINUED)

ADV ECOSYSTEM ECOL ENSCI 584 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOLOGY AND CHEM
 5036005 MWF 9:00-9:50 RAICH J
 MEETS: JAN 9-MAY 5

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
 MEETS: JAN 9-MAY 5

SPECIAL TOPICS ENSCI 590 VAR. CREDITS
 Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL
 SCIENCE FACULTY
 ***** SEE DEPT FOR REFERENCE NUMBERS

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
 MEETS: JAN 9-MAY 5
 3418600 XW ARRANGED ANKERSTJERNE S
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

GEOLOGICL DISASTERS ENV S 111 1 CREDIT
 9170005 TR 9:30-10:20
 MEETS: MARCH 6-MAY 5
 9170600 XW ARRANGED HARDING C
 MEETS: MARCH 6-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

INTR RENEW RESOURCS ENV S 120 3 CREDITS
 5141005 MWF 12:10-1:00 PRITCHARD J
 MEETS: JAN 9-MAY 5
 5141600 XW ARRANGED PRITCHARD J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

NAT RESOURCES &AGRI ENV S 130 3 CREDITS
 2836005 MWF 9:00-9:50 ISENHART T
 MEETS: JAN 9-MAY 5

WORLD WATER RESOURC ENV S 160 3 CREDITS
 Note: Meets international perspectives reqmt
 6343005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

ENVIRONMNTL BIOLOGY ENV S 173 3 CREDITS
 2022600 XW ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

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 6-MAY 5

GLOBAL SUSTAINBLTY ENV S 220 3 CREDITS
 Note: Meets international perspectives reqmt
 3862005 1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

SOILS&ENVIR QUALITY ENV S 260 3 CREDITS
 5508005 1 MWF 12:10-1:00 ANDERSON-MBA A
 MEETS: JAN 9-MAY 5

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 WIRTH D
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 7863600 XW ARRANGED WOOD A
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

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 ANDERSON-MBA A
 MEETS: JAN 9-MAY 5
 1733010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 9-MAY 5
 1733015 3 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 1733020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 9-MAY 5
 1733025 5 TR 12:40-2:00 MERRICK L
 MEETS: JAN 9-MAY 5
 1733600 XW ARRANGED FORD C
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

LIT AND THE ENVIRON ENV S 355 3 CREDITS
 Prereq: ENGL 250
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 5510005 A1 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 5510010 A2 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

ENVIR &RESOURC ECON ENV S 380 3 CREDITS
 Prereq: ECON 101
 7578005 1 TR 11:00-12:15 RUDIK I
 MEETS: JAN 9-MAY 5

ENVIRONMENTL SOCIO 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 GARDEZI S
 MEETS: JAN 9-MAY 5
 7579010 A2 MWF 9:00-9:50 GARDEZI S
 MEETS: JAN 9-MAY 5

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS
 Prereq: APPROVAL OF THE ENV S COORDINATOR
 Note: COURSE OFFERED FOR 1-4 CREDITS SPRING 2016.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENV S 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR ENSCA,
 ENSCS AND GE AT MAJORS ONLY
 8673005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

WATERSHED MANAGMNT ENV S 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 5143005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 9-MAY 5
 5143010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 9-MAY 5

SUSTNBLE&ENVIR HORT ENV S 424 3 CREDITS
 5150005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

CONTRV NAT RSRC MGT ENV S 460 3 CREDITS
 Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND
 JUNIOR CLASSIFICATION
 2880005 1 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 2880010 2 MW 11:00-12:20
 MEETS: JAN 9-MAY 5

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 9-MAY 5

SUSTAINABLE COMMUNT ENV S 484 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7275005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

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 2016.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EVENT MANAGEMENT

EVNT SOPH MENTORSHIP EVENT 203X 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION; AESHM 113;
 EVENT 271; BY APPLICATION ONLY
 9892005 T 5:10-7:00PM
 ARRANGED
 MEETS: JAN 9-MAY 5

INTRO EVENT MANAGMT EVENT 271 3 CREDITS
 6726005 1A MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 6726010 1B MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 6726015 1C MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1C FOR MAJORS OTHER THAN A M D, AMDP, EVENT,
 HRI, HSP M

CONTEMPRARY CLUB MGT EVENT 289 2 CREDITS
 Prereq: HSP M 101
 1429005 1A M 2:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO HRI, HSP M MAJORS ONLY
 1429010 1B M 2:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1B RESTRICTED EVENT MAJORS ONLY

AMUSEMNT PARK ADMIN EVENT 320 3 CREDITS
 Prereq: HRI 101 OR PERMISSION OF INSTRUCTOR
 2041005 1A MW 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M
 MAJORS ONLY
 2041010 1B MW 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI,
 HSP M.

ENTERTNMT VENUE MGT EVENT 333 3 CREDITS
 Prereq: EVENT 271 OR EQUIVALENT
 Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
 9397005 1 W 5:10-8:00PM
 MEETS: JAN 9-MAY 5

CONFRCN&MTG PLANNGG EVENT 371 3 CREDITS
 Prereq: EVENT 271
 1350005 1A TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY
 1350010 1B TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO A M D, AMDP, HRI, HSP M,
 MAJORS ONLY
 1350015 1C TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1C FOR MAJORS OTHER THAN
 A M D, AMDP, EVENT, HRI, HSP M

WEDDING PLANNG &MGT EVENT 373 3 CREDITS
 Prereq: EVENT 371, EVENT MANAGEMENT MAJOR
 8128005 1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

SUSTAINBL EVENT MGT EVENT 378X 3 CREDITS
 Prereq: EVENT 271, CLASSIFICATN AS AN EVENT MAJOR
 Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
 9916005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

INT'L CONFERENC MGT EVENT 423X 3 CREDITS
 Prereq: EVENT 271, EVENT 371
 9917005 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

SPCIAL EVENTS COORD EVENT 471 3 CREDITS
 Prereq: EVENT 371; PERMISSION OF INSTRUCTOR
 6904005 1A MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY.
 6904010 1B MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Department permission required.

INDEP STDY CONFERNC EVENT 490B VAR. CREDITS
 Prereq: APPROVAL OF PROGRAM COORDINATOR

 SEE DEPT FOR REFERENCE NUMBERS

FAMILY&CONSUMER SCIENCES ED&STUDIES

PLAN&ASESMT FMLY ED FCEDS 413 4 CREDITS
 Prereq: FCEDS 306
 3985005 TR 1:10-4:50
 MEETS: JAN 9-MAY 5 ANDERSON T

FAMILY&CONSUMER SCIENCES ED&STUDIES (CONTINUED)

SUPR TCHG VOC FAMLY FCEDS 417A 3- 8 CREDITS
 Prereq: FCEDS 413, 24 CR IN FAMILY & CONSUMER
 SCI SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO
 TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 OFFERED FOR 8 CREDITS
 3987005 1 ARRANGED
 MEETS: JAN 9-MAY 5 ANDERSON T

SUPV TCHG FAMLY SCI FCEDS 417B 3- 8 CREDITS
 Prereq: FCEDS 413, 24 CR IN FAMILY & CONSUMER
 SCI SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO
 TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 OFFERED FOR 3-8 CREDITS
 3988005 1 ARRANGED
 MEETS: JAN 9-MAY 5 ANDERSON T

FOUND CAREER&TEC ED FCEDS 418 3 CREDITS
 Prereq: 400 HOURS EMPLOYMENT IN A FAMIY AND
 CONSUMER SCIENCES RELATED FIELD
 3980600 XW ARRANGED
 MEETS: JAN 9-MAY 5 ANDERSON T
 Note: Section XW is off campus
 Course delivery is WW

PRE-TCHG PRCTCM:LAB FCEDS 480A 1 CREDIT
 Prereq: ADMISSION TO TEACHER EDUCATION
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 9460005 ARRANGED
 MEETS: JAN 9-MAY 5 ANDERSON T

PRE-TCHG PRA:DV SET FCEDS 480B 1 CREDIT
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 9484005 A ARRANGED
 MEETS: JAN 9-MAY 5 ANDERSON T

INDEP STUDY GENERAL FCEDS 490G VAR. CREDITS
 Prereq: DEPARTMENTAL APPROVAL

 SEE DEPT FOR REFERENCE NUMBERS

SUPV EXPRNC COMMUNC FCEDS 491A 3- 8 CREDITS
 Prereq: HD FS 449; 24 CREDITS IN FAMILY AND
 CONSUMER SCIENCES; RESERVATION REQUIRED
 Satisfactory-Fail Only.
 2261005 ARRANGED
 MEETS: JAN 9-MAY 5 ANDERSON T

SUPV EXPRNC PRO STU FCEDS 491B 3- 8 CREDITS
 Prereq: HD FS 418B; 24 CREDITS IN FAMILY AND
 CONSUMER SCIENCES; RESERVATION REQUIRED
 Satisfactory-Fail Only.
 2272005 ARRANGED
 MEETS: JAN 9-MAY 5 ANDERSON T

PROG DEVEL &ASSESMT FCEDS 507 3 CREDITS
 Prereq: PROFESSIONAL EXPERIENCE IN FCS OR
 RELATED AREA
 4012005 TR 1:10-4:50
 MEETS: JAN 9-MAY 5 ANDERSON T

FOUND CAREER&TEC ED FCEDS 518 3 CREDITS
 Prereq: 400 HOURS EMPLOYMENT IN A FAMILY AND
 CONSUMER SCIENCES RELATED FIELD.
 3214600 XW ARRANGED
 MEETS: JAN 9-MAY 5 ANDERSON T
 Note: Section XW is off campus
 Course delivery is WW

FAMILY FINANCIAL PLANNING

FINANC THRY & RES I FFP 520 3 CREDITS
 8201600 XG ARRANGED
 MEETS: JAN 11-MAY 5
 Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

FUND FAMILY FINANCI FFP 530 3 CREDITS
 8202600 XG ARRANGED
 MEETS: JAN 9-MAY 5
 Note: STUDENTS ACCEPTED INTO THE GPIDEA-FFP PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

FAMILY FINANCIAL PLANNING (CONTINUED)

FINANCIAL COUNSELNG FFP 535 3 CREDITS
8211600 XG ARRANGED

MEETS: JAN 9-MAY 12
Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE. PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIEDA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIEDA Consortium

ESTATE PLAN FAMILIE FFP 540 3 CREDITS
8212600 XG ARRANGED

MEETS: JAN 11-MAY 5
Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE. PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIEDA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIEDA Consortium

HOUSING&FINANC PLAN FFP 541 3 CREDITS
8213605 XF ARRANGED FOX J

MEETS: JAN 9-MAY 5
Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE. PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIEDA Consortium
Section XF is off campus
Course delivery is WWW
Tuition Category: GPIEDA Consortium

8213610 XH ARRANGED FOX J

MEETS: JAN 9-MAY 5
Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE. PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIEDA Consortium
Section XH is off campus
Course delivery is WWW
Tuition Category: GPIEDA Consortium

RETIREMT PLAN,BENEF FFP 545 3 CREDITS
8215600 XG ARRANGED

MEETS: JAN 9-MAY 5
Note: STUDENTS ACCEPTED INTO THE GPIEDA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE. PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIEDA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIEDA Consortium

INSURN PLAN FAMILI FFP 555 3 CREDITS
8216600 XG ARRANGED

MEETS: JAN 17-MAY 5
Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE. PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIEDA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIEDA Consortium

PERSONAL INCOME TAX FFP 565 3 CREDITS
8203600 XG ARRANGED

MEETS: JAN 17-MAY 4
Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE. PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIEDA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIEDA Consortium

PRO PRACTC FIN PLAN FFP 570 3 CREDITS
8217600 XG ARRANGED

MEETS: JAN 17-MAY 12
Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE. PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIEDA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIEDA Consortium

FAMILY FINANCIAL PLANNING (CONTINUED)

FINAN PLN CASE STUD FFP 595 3 CREDITS
Prereq: FFP 530, FFP 540, FFP 545, FFP 555, FFP 565, FFP 583

8218600 XG ARRANGED
MEETS: JAN 17-MAY 12
Note: STUDENTS ACCEPTED INTO THE GPIEDA PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE. PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIEDA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIEDA Consortium

FINANCE

PRINCIPL OF FINANCE FIN 301 3 CREDITS

Prereq: ACCT 284, ECON 101, STAT 226
Note: SEC A,B,C,D,F,F,J,K,L RESTRICTED TO BUSINESS COLLEGE AG B, AN S & DY S UNDERGRAD MAJORS. SEC G FOR ALL OTHER COLLEGES OTHER THAN BUS & AG B, AN S, & DY S ALSO NOT OPEN TO P BUS MAJORS.
NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

- 3689005 A MWF 8:00-8:50
MEETS: JAN 9-MAY 5
- 3689010 B MWF 10:00-10:50
MEETS: JAN 9-MAY 5
- 3689015 C MWF 11:00-11:50
MEETS: JAN 9-MAY 5
- 3689020 D MW 5:10-6:25PM
MEETS: JAN 9-MAY 5
- 3689025 E TR 8:00-9:20
MEETS: JAN 9-MAY 5
- 3689030 F TR 9:30-10:50
MEETS: JAN 9-MAY 5
- 3689035 G TR 12:40-1:55
MEETS: JAN 9-MAY 5
- 3689040 J TR 12:40-1:55
MEETS: JAN 9-MAY 5
- 3689045 K TR 5:10-6:25PM
MEETS: JAN 9-MAY 5
- 3689050 L TR 2:10-3:25
MEETS: JAN 9-MAY 5
- 3689055 M MWF 2:10-3:00
MEETS: JAN 9-MAY 5

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 9-MAY 5
- 3691010 A2 MWF 12:10-1:00
MEETS: JAN 9-MAY 5
- 3691015 B1 MWF 2:10-3:00
MEETS: JAN 9-MAY 5
- 3691020 B2 MWF 2:10-3:00
MEETS: JAN 9-MAY 5
- 3691025 C1 MWF 11:00-11:50
MEETS: JAN 9-MAY 5
- 3691030 C2 MWF 11:00-11:50
MEETS: JAN 9-MAY 5
- 3691035 D1 MWF 1:10-2:00
MEETS: JAN 9-MAY 5
- 3691040 D2 MWF 1:10-2:00
MEETS: JAN 9-MAY 5

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, SCM MAJORS ONLY.

- 3692005 A1 MWF 8:00-8:50
MEETS: JAN 9-MAY 5
- 3692010 A2 MWF 8:00-8:50
MEETS: JAN 9-MAY 5
- 3692015 B1 MWF 9:00-9:50
MEETS: JAN 9-MAY 5
- 3692020 B2 MWF 9:00-9:50
MEETS: JAN 9-MAY 5
- 3692025 C1 TR 3:40-5:00
MEETS: JAN 9-MAY 5
- 3692030 C2 TR 3:40-5:00
MEETS: JAN 9-MAY 5
- 3692035 D1 TR 5:10-6:25PM
MEETS: JAN 9-MAY 5
- 3692040 D2 TR 5:10-6:25PM
MEETS: JAN 9-MAY 5

FINANCE

(CONTINUED)

FIXD INCOME SECURTI FIN 327 3 CREDITS
 Prereq: FIN 301
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY.
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
 8796005 A TR 12:40-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 6829010 A2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 6829015 B1 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 6829020 B2 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

PERSNL RISK MGT&INS FIN 361 3 CREDITS
 Prereq: ECON 101
 Note: NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION 1200 GERDIN.
 3693005 A1 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 3693010 A2 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 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.
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
 3690005 A1 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 3690010 A2 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 3690015 B1 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 3690020 B2 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5

BUS FINANCG DECISNS FIN 415 3 CREDITS
 Prereq: FIN 301
 Note: NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION 1200 GERDIN.
 3698005 A1 T 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY.
 3698010 A2 T 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR BUSINESS COLLEGE MAJORS THAN FIN OR P BUS

FIN FUTURES&OPTIONS FIN 424 3 CREDITS
 Prereq: FIN 320 AND STAT 326
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 3697005 A1 TR 2:10-3:25
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 3697010 A2 TR 2:10-3:25
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS
 3697015 B1 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 Note: SEC B1 RESTRICTED TO FIN MAJORS ONLY
 3697020 B2 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 Note: SEC B2 FOR MAJORS OTHER THAN FIN OR P BUS

SECUR ANALY&PORTFOL FIN 425 3 CREDITS
 Prereq: FIN 320, STAT 326 AND PERMISSION OF INSTRUCTOR
 7201010 A W 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 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
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 7492005 A1 TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 7492010 A2 TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

FINANCE

(CONTINUED)

VENTURE CAPTL,MERGR FIN 435 3 CREDITS
 Prereq: FIN 310, FIN 320, STAT 326
 Note: COURSE RESTRICTED TO AG B, FIN UNDERGRADS ONLY
 8935005 A TR 3:50-4:55
 MEETS: JAN 9-MAY 5

BANK MGT DECISIONS FIN 445 3 CREDITS
 Prereq: STAT 326; FIN 330 OR ECON 353
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 3696005 A1 T 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 3696010 A2 T 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

ANALYTICAL FINANCE FIN 450X 3 CREDITS
 Prereq: STAT 326 AND ECON 301 OR FIN 301
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 NOT OPEN TO P BUS
 9158005 A MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

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 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 9268010 A2 TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY.
 4555010 A2 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

REAL ESTATE INVESTM FIN 474X 3 CREDITS
 Prereq: FIN 301, FIN 371
 Note: COURSE NOT OPEN TO P BUS MAJORS.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 9641005 A MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

INTRNATIONL FINANCE FIN 480 3 CREDITS
 Prereq: FIN 301 AND STAT 326
 Note: SEC A1, B1 RESTRICTED TO FIN AND I BUS MAJORS ONLY. SE A2, B2 FOR MAJORS OTHER THAN FIN OR P BUS
 5131005 A1 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED BUSINESS COLLEGE UNDERGRADS NOT OPEN TO P BUS OR GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
 5131010 A2 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 Note: College permission required to add during 1st week. Go to 1200 Gerdin.

FINANCE

(CONTINUED)

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 9-MAY 5
 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 9-MAY 5
 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 MW 7:30-10:50
 MEETS: JAN 9-FEB 15
 Note: SEC A RESTRICTED TO BUSAD GRADS ONLY
 9124600 XA MW 5:50-9:10PM BROWN J
 MEETS: JAN 9-FEB 15
 Note: FOR PERMISSION TO ENROLL, CONTACT DEBBIE JOHNSON
 DLJOHNS@IASTATE.EDU 515-294-5133
 College permission required - go to
 Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by CAPITAL SQUARE

CASE STU FIN DECISN FIN 515 3 CREDITS
 Prereq: FIN 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7163005 A M 6:40-10:00PM STOVER R
 MEETS: JAN 9-APRIL 3

INVESTMENTS FIN 520 3 CREDITS
 Prereq: FIN 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 3704005 A TR 2:10-3:25 SAPP T
 MEETS: JAN 9-MAY 5

ADV FIXD INCM ANALY FIN 528 3 CREDITS
 3952005 A TR 3:40-5:00
 MEETS: JAN 9-MAY 5

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 14-APRIL 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 SCIENCE & HUMAN NUTRITION

FOOD & THE CONSUMER FS HN 101 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
 3 CREDITS EACH OF BIOLOGY AND CHEMISTRY
 3659005 1 MWF 11:00-11:50 GILBERT K
 MEETS: JAN 9-MAY 5
 3659600 XW ARRANGED BOYLSTON T
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: [http://www.agonline.iastate.edu
 /resources/computer-requirements](http://www.agonline.iastate.edu/resources/computer-requirements)

SPORT PRFRMC NUTRIT FS HN 102 1 CREDIT
 1873005 TR 11:00-12:20 HENDRICH S
 MEETS: MARCH 6-MAY 5

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 9-MAY 5

PROFESSNL&EDUC PREP FS HN 110 1 CREDIT
 Satisfactory-Fail Only.
 3661005 TR 2:10-3:00 DEATON M
 MEETS: JAN 9-MARCH 3
 3661010 2 TR 2:10-3:00 KARGOL A
 MEETS: JAN 9-MARCH 3

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 GILBERT K
 MEETS: JAN 9-MAY 5

FOOD SCIENCE & HUMAN NUTRITION

(CONTINUED)

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, P DTH, P DTA MAJORS ONLY
 2922005 1 M 2:10-5:00 GILBERT K
 MEETS: JAN 9-MAY 5
 2922010 2 W 2:10-5:00 BOYLSTON T
 MEETS: JAN 9-MAY 5
 2922015 3 T 9:00-11:50 BEIRMAN E
 MEETS: JAN 9-MAY 5
 2922020 4 R 9:00-11:50 BEIRMAN E
 MEETS: JAN 9-MAY 5
 2922025 5 F 1:10-4:00 GILBERT K
 MEETS: JAN 9-MAY 5

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 9-MAY 5

ISSU FOOD SCI&NUTRI FS HN 203 1 CREDIT
 8685005 1 W 12:10-1:00 HENDRICH S
 MEETS: JAN 9-MAY 5
 8685010 2 R 8:00-8:50 WILSON L
 MEETS: JAN 9-MAY 5
 8685015 3 F 3:10-4:00 HOLLIS J
 MEETS: JAN 9-MAY 5
 8685020 4 F 12:10-1:00 VORST K
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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, P DTH, P DTA
 MAJORS ONLY
 2928005 1 TR 9:00-11:50 SVENDSEN L
 MEETS: JAN 9-MAY 5
 2928010 2 TR 1:10-4:00 SVENDSEN L
 MEETS: JAN 9-MAY 5

SOCIE IMPCTS FD SYS FS HN 242 3 CREDITS
 2950005 TR 11:00-12:20 MACDONALD R
 MEETS: JAN 9-MAY 5

NUTRI ACTIV LIFSTYL FS HN 265 3 CREDITS
 Prereq: FS HN 167; FS HN 264 OR CREDIT OR
 ENROLLMENT IN BBMB 301
 6232005 1 MWF 3:10-4:00 ROWLING M
 MEETS: JAN 9-MAY 5

DAIRY PRODUCTS ISSU FS HN 308 3 CREDITS
 2288005 TR 2:10-3:30 CLARK S
 MEETS: JAN 9-MAY 5
 Note: Professional support fee \$25.00

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 9-MAY 5

WORLD FOOD ISSUES FS HN 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1923005 1 TR 11:00-12:20 ANDERSON-MBA A
 MEETS: JAN 9-MAY 5
 1923010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 9-MAY 5
 1923015 3 TR 2:10-3:30 FORD C
 MEETS: JAN 9-MAY 5
 1923020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 9-MAY 5
 1923025 5 TR 12:40-2:00 MERRICK L
 MEETS: JAN 9-MAY 5
 1923600 XW ARRANGED FORD C
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: [http://www.agonline.iastate.edu
 /resources/computer-requirements](http://www.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 9-MAY 5

FOOD SCIENCE & HUMAN NUTRITION		(CONTINUED)
NUTRI&HEALTH ASESMT FS HN 361 2 CREDITS		
Prereq: FS HN 265; 3 CREDITS IN STATISTICS; 3 CREDITS IN PHYSIOLOGY RECOMMENDED		
Note: COURSE RESTRICTED TO DIETA, DIETH, NS A. NS H, PDEXA, PDEXH MAJORS ONLY		
3608005	1 M 3:10-4:00 R 1:10-4:00	LANNINGHAM-FOSTE MARTIN R
MEETS: JAN 9-MAY 5		
3608010	2 M 3:10-4:00 R 9:30-12:20	LANNINGHAM-FOSTE MARTIN R
MEETS: JAN 9-MAY 5		
3608015	3 M 3:10-4:00 W 11:00-1:50	LANNINGHAM-FOSTE MARTIN R
MEETS: JAN 9-MAY 5		
NUTRIT GROWTH & DEV FS HN 362 3 CREDITS		
Prereq: FS HN 360; CREDIT OR ENROLLMENT IN A COURSE IN PHYSIOLOGY		
7271005	1 MWF 2:10-3:00	REDDY M
MEETS: JAN 9-MAY 5		
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 9-MAY 5		
COMMUNCT NUTRI MSGS FS HN 366 3 CREDITS		
Prereq: FS HN 264 OR FS HN 265		
1553005	TR 9:30-10:50	LITCHFIELD R
MEETS: JAN 9-MAY 5		
MED TERMNOL FOR PRO FS HN 367 1 CREDIT		
9487005	1 ARRANGED	KRUEGER T
MEETS: JAN 9-MAY 5		
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 11:00-11:50	BREHM-STECHER B
MEETS: JAN 9-MAY 5		
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 W 10:00-12:50	WILSON L TALBERT J
MEETS: JAN 9-MAY 5		
3667010	2 MF 1:10-2:00 W 1:10-4:00	WILSON L TALBERT J
MEETS: JAN 9-MAY 5		
3667015	3 MF 1:10-2:00 W 1:10-4:00	WILSON L TALBERT J
MEETS: JAN 9-MAY 5		
SAFTY FOOD FROM ANI FS HN 407 3 CREDITS		
Prereq: MICRO 420		
1882005	1 TR 9:30-10:50	
MEETS: JAN 9-MAY 5		
DAIRY PRODUCTS EVAL FS HN 408 1 CREDIT		
9517005	ARRANGED	CLARK S
MEETS: JAN 9-MAY 5		
Note: Materials and equipment use fee \$40.00		
FOOD INGRED INTERAC FS HN 411 2 CREDITS		
Prereq: FS HN 214 OR FS HN 311 AND FS HN 115, FS HN 215 OR FS HN 311L.		
3613005	1 M 8:00-8:50 F 9:00-11:50	BOYLSTON T BOYLSTON T
MEETS: JAN 9-MAY 5		
3613010	2 M 8:00-8:50 F 2:10-5:00	BOYLSTON T BOYLSTON T
MEETS: JAN 9-MAY 5		
3613015	3 M 8:00-8:50 M 2:10-5:00	BOYLSTON T BOYLSTON T
MEETS: JAN 9-MAY 5		
FOOD PRODUCT DEVELP FS HN 412 3 CREDITS		
Prereq: FS HN 311 OR FS HN 411		
3618005	1 T 1:10-2:00 TR 2:10-5:00	PRUSA K GILBERT K
MEETS: JAN 9-MAY 5		
3618010	2 T 1:10-2:00 TR 2:10-5:00	PRUSA K GILBERT K
MEETS: JAN 9-MAY 5		
FOOD MICROBIOL LAB FS HN 421 3 CREDITS		
Prereq: MICRO 201 OR MICRO 302; MICRO 201L OR MICRO 302L. CREDIT OR ENROLLMENT IN FS HN/MICRO 420		
7208005	1 TR 9:30-11:30 F 2:10-4:00	COLEMAN S SAVITS J
MEETS: JAN 9-MAY 5		
ANALYSIS FOOD MRKTS FS HN 435X 3 CREDITS		
Prereq: STAT 226, ECON 235, ECON 301		
9915005	1 MWF 11:00-11:50	
MEETS: JAN 9-MAY 5		

FOOD SCIENCE & HUMAN NUTRITION		(CONTINUED)
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 2016.		
4599005	1 TR 9:30-10:50	CAMPBELL C
MEETS: JAN 9-MAY 5		
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 9-MAY 5		
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 9-MAY 5		
FOOD PROCESSING II FS HN 472 3 CREDITS		
Prereq: FS HN 351 OR A E 451 OR CH E 357.		
3666005	1 MW 9:00-9:50 F 9:00-11:50 F 9:00-9:50	WEN Z WEN Z WEN Z
MEETS: JAN 9-MAY 5		
Note: SEC 1 LAB DATES 1/15,1/22,1/29,2/5,2/12,3/4,3/11,4/1,4/8,4/15,4/22. RECITATION DATES: 2/19,2/25,3/25,4/25		
3666010	2 MW 9:00-9:50 F 9:00-11:50 F 9:00-9:50	WEN Z WEN Z WEN Z
MEETS: JAN 9-MAY 5		
Note: SEC 2 LAB DATES 1/15,1/22,1/29,2/5,2/12,3/4,3/11,4/1,4/8,4/15,4/22. RECITATION DATES: 2/19,3/4,4/29		
PRO COMM FD SC&NUTR FS HN 480 1 CREDIT		
Prereq: FS HN 203, SENIOR CLASSIFICATION IN THE DEPARTMENT		
3611005	1 T 11:00-11:50	REDDY M
MEETS: JAN 9-MAY 5		
3611010	2 F 12:10-1:00	ACEVEDO N
MEETS: JAN 9-MAY 5		
3611015	3 R 11:00-11:50	WILLETTE A
MEETS: JAN 9-MAY 5		
ISSUES FOOD SAFETY FS HN 489 1 CREDIT		
Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS HN 272 OR HSP M 233; FS HN 419 OR FS HN 420; FS HN 403		
8347005	MW 2:10-3:00	MENDONCA A
MEETS: JAN 9-MARCH 3		
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		

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

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 HENDRICH S
 MEETS: JAN 9-MAY 5

TRAVEL - INTERNATNL FS HN 496A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 6295005 FR T 6:10-8:00PM ROSENTRATER K
 MEETS: JAN 9-MAY 5
 Note: SEC FR - PRE-DEPARTURE FOR SUMMER 2017 - STUDY ABROAD TO FRANCE, PARIS - OFFERED FOR 1 CREDIT
 6295800 UK ARRANGED SVENDSEN L
 MEETS: MARCH 10-19
 Note: SEC UK TAUGHT IN WELLBECK ESTATE & LONDON, ENGLAND. FOOD PRODUCTION IN THE ARTISAN STYLE. STUDY ABROAD SPRING 2017
 Study Abroad Administrative Fee Applies

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 9-MAY 5

SENSORY EVALUA WINE FS HN 509X 1 CREDIT
 Prereq: MUST BE AT LEAST 21 YEARS OF AGE; SENIOR CLASSIFICATION OR GRAD STATUS
 8970005 R 3:10-5:00 NORTON E
 MEETS: JAN 9-MAY 5
 Note: Materials and equipment use fee \$150.00

FOOD PRODUCT DEVELP FS HN 512 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411
 5580005 1 T 1:10-2:00 PRUSA K
 TR 2:10-5:00 GILBERT K
 MEETS: JAN 9-MAY 5
 Note: Materials and equipment use fee \$110.00
 5580010 2 T 1:10-2:00 PRUSA K
 TR 2:10-5:00 GILBERT K
 MEETS: JAN 9-MAY 5

PRIN FD SCI:MICROBI FS HN 514 2 CREDITS
 Prereq: 3 CR EACH MICROBIOL & ORGANIC CHEMISTRY
 3632005 1 ARRANGED MENDONCA A
 MEETS: JAN 9-MAY 5
 Note: SEC 1 IS FOR ON-CAMPUS STUDENTS ONLY
 Course delivery is WWW
 3632600 XW ARRANGED BREHM-STECHER B
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

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 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL: AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agonline.iastate.edu /resources/computer-requirements

ADV MICROBIO&BIOTCH FS HN 522 2 CREDITS
 2313005 ARRANGED MENDONCA A
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW
 2313600 XG ARRANGED
 MEETS: JAN 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL: AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.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 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL: AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.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 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL: AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agonline.iastate.edu /resources/computer-requirements

INTRO DNA TECHNIQS FS HN 542A 1 CREDIT
 Satisfactory-Fail Only.
 7123005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 10-FEB 9

INTR PROTEIN TECHNQ FS HN 542B 1 CREDIT
 Satisfactory-Fail Only.
 7100005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS FS HN 542C 1 CREDIT
 Satisfactory-Fail Only.
 7130005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 28-APRIL 27

DIETETC INTERNSHP I FS HN 554 5 CREDITS
 Prereq: FOR STUDENTS ENROLLED IN THE DIETETIC INTERNSHIP PROGRAM ONLY
 3050600 XW ARRANGED ANDERSON J
 MEETS: JAN 3-MAY 6
 Note: INSTRUCTOR PERMISSION REQUIRED TO REGISTER.
 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 3-MAY 6
 Note: INSTRUCTOR PERMISSION REQUIRED.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW

NUTR COUNS&ED METHD FS HN 566 3 CREDITS
 Prereq: FS HN 361 AND FS HN 362
 Note: SCHEDULED HOURS ARE FOR EXAMS AND PROJECT CONFERENCES.
 2223005 MW 9:00-10:50 BASSLER E
 MEETS: JAN 9-MAY 5

FOOD PROCESSING II FS HN 572 3 CREDITS
 Prereq: FS HN 351 OR A E 451 OR CH E 357.
 5600005 1 MW 9:00-9:50 WEN Z
 F 9:00-11:50 WEN Z
 F 9:00-9:50 WEN Z
 MEETS: JAN 9-MAY 5
 5600010 2 MW 9:00-9:50 WEN Z
 F 9:00-11:50 WEN Z
 F 9:00-9:50 WEN Z
 MEETS: JAN 9-MAY 5

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

SEMINAR FS HN 581 1 CREDIT
7974005 T 11:00-11:50 CLARK S
MEETS: JAN 9-MAY 5

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 ACEVEDO N
M 10:00-12:50 ACEVEDO N
MEETS: JAN 9-MAY 5
Note: Materials and equipment use fee \$90.00

SEMINAR FS HN 681 1 CREDIT
3648005 W 4:10-5:00 CLARK S
MEETS: JAN 9-MAY 5

SEMINAR REFLECTION FS HN 682 R CREDIT
Satisfactory-Fail Only.
9178005 1 W 4:10-5:00 WILLETTE A
MEETS: JAN 9-MAY 5

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 9-MAY 5

PESTICIDE APPL CERT FOR 283 2 CREDITS
5219005 A MW 2:10-3:00 HOLSCHER K
MEETS: JAN 9-MAY 5

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 SCHULTZ R
W 2:10-5:00 SCHULTZ R
MEETS: JAN 9-MAY 5

FOREST HERBAC LAYER FOR 358 1 CREDIT
Prereq: BIOL 212
9574005 R 11:00-2:00 MCMULLEN C
MEETS: MARCH 6-MAY 5

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 9-MAY 5

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 9-MAY 5
Note: Field trips & travel fee \$25.00

FORESTRY (CONTINUED)

FORESTRY PRACTICUM FOR 454 3 CREDITS
Prereq: 20 CREDITS IN STUDENT'S MAJOR AT
300 LEVEL OR ABOVE
3734005 Note: Instructor permission required 1st week.
A F 9:00-9:50 SCHULTZ R
MW 8:00-9:50 SCHULTZ R
MEETS: JAN 9-MAY 5

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 9-MAY 5
Note: Field trips & travel fee \$25.00

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

RESEARCH SEMINAR FOR 696 1 CREDIT
Satisfactory-Fail Only.
8834005 W 4:10-5:30
MEETS: JAN 9-MAY 5

FOREST BIOLGY RSRCH FOR 699A 1-12 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RESRCH FOR 699B 1-12 CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1-12 CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

FOR MGT&ADMIN RSRCH FOR 699D 1-12 CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RESRCH FOR 699E 1-12 CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH PLANT PHYSIOL FOR 699F 1-12 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH

ELEMENTRY FRENCH II FRNCH 102 4 CREDITS
Prereq: FRNCH 101
Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
SCHOOL FRENCH MAY NOT ENROLL IN 102.
Meets international perspectives reqmt
3804005 1 MTWR 9:00-9:50 GOODMAN N
MEETS: JAN 9-MAY 5

3804010 2 MTWR 10:00-10:50 TAOUTEL J
MEETS: JAN 9-MAY 5
Note: SEC 2: HYBRID

3804015 3 MTWR 1:10-2:00 WEBER-FEVE S
MEETS: JAN 9-MAY 5

INTERMED FRENCH II FRNCH 202 4 CREDITS
Prereq: FRNCH 201
Note: Meets international perspectives reqmt
3809005 1 MTWR 11:00-11:50 TAOUTEL J
MEETS: JAN 9-MAY 5

3809010 2 MTWR 2:10-3:00 ALLEN L
MEETS: JAN 9-MAY 5

READ &WRITNG FRENCH FRNCH 302 3 CREDITS
Prereq: FRNCH 301
Note: Meets international perspectives reqmt
6543005 1 TR 9:30-10:50 WEBER-FEVE S
MEETS: JAN 9-MAY 5

6543010 2 TR 12:40-2:00 DEININGER M
MEETS: JAN 9-MAY 5

FRENCH (CONTINUED)

FRENCH CONVERSATION FRNCH 305 3 CREDITS
 Prereq: FRNCH 202
 Note: Meets international perspectives regmt
 2755005 MWF 10:00-10:50 SCHAAL M
 MEETS: JAN 9-MAY 5

FRANCE TODAY FRNCH 320 3 CREDITS
 Prereq: FRNCH 202
 Note: Meets international perspectives regmt
 2907005 TR 2:10-3:30 DEININGER M
 MEETS: JAN 9-MAY 5

FRNCH STUDI IN ENGL FRNCH 370 3 CREDITS
 Note: TOPIC: PARIS BETWEEN THE LINES
 Meets international perspectives regmt
 7933600 XW ARRANGED DEININGER M
 MEETS: MARCH 6-MAY 5
 Note: TOPIC: THE GOLDEN AGE OF FRENCH CULTURE:
 FRANCE GOES TO THE WORLD'S FAIRS.
 Section XW is off campus
 Course delivery is WWW

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 FRENCH LANG SKILLS IN PUBLIC/PRIVATE
 SECTOR, COMBINED W/ ACAD WK UNDER FACULTY SUPERVISN
 Note: CREDIT IN FRNCH 499 MAY ONLY APPLY TOWARD
 GRADUATION IN THE LCP MAJOR. NO MORE THAN 3 CREDITS
 IN FRNCH 499 MAY BE APPLIED TOWARD GRADUATION IN
 THE MAJOR.
 Department permission required.
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FRNC CIVILZ FRNCH 590D 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSN; 6 CR 400-LEVEL FRNCH
 Note: Permission of department chair required.
 2401005 ARRANGED
 MEETS: JAN 9-MAY 5

GENETICS

GENETICS ORIENTATN GEN 112X .5 CREDIT
 9730005 R 2:10-3:00
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN GEN 298 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR; SOPHOMORE CLASSIFICATION
 4225005 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5
 9560010 2 MW 10:30-11:50
 MEETS: JAN 9-MAY 5
 9560015 3 MW 1:10-2:30
 MEETS: JAN 9-MAY 5
 9560020 4 MW 3:10-4:30
 MEETS: JAN 9-MAY 5
 9560025 5 MW 5:10-6:30PM
 MEETS: JAN 9-MAY 5
 9560030 6 TR 9:00-10:20
 MEETS: JAN 9-MAY 5
 9560035 7 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 9560040 8 TR 1:10-2:30
 MEETS: JAN 9-MAY 5
 9560045 9 TR 3:10-4:30
 MEETS: JAN 9-MAY 5
 9560050 10 TR 5:10-6:30PM
 MEETS: JAN 9-MAY 5
 9560055 11 MW 7:10-8:30PM
 MEETS: JAN 9-MAY 5
 9560060 12 TR 7:10-8:30PM
 MEETS: JAN 9-MAY 5

GENETICS (CONTINUED)

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 9-MAY 5

HUMAN GENETICS GEN 340 3 CREDITS
 Prereq: BIOL 313 OR GEN 313
 3794600 XW ARRANGED GIRTON J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr regmt: http://www.agonline.iastate.edu
 /resources/computer-requirements

GENOME PRSPCTV BIOL GEN 349 3 CREDITS
 Prereq: GEN 313 OR GEN 320
 9690005 T 3:40-5:30
 R 3:40-5:30
 MEETS: JAN 9-MAY 5

MOLECULAR GENETICS GEN 409 3 CREDITS
 Prereq: BIOL 313
 3832005 A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

ANALYTICAL GENETICS GEN 410 3 CREDITS
 Prereq: GEN 409
 3833005 A MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO AGRON, GEN, GEN S
 MAJORS ONLY
 3833010 B MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC B FOR MAJORS OTHER THAN AGRON, GEN

UNDERGRAD SEMINAR GEN 491 1 CREDIT
 Prereq: GEN 409
 3837005 A W 3:10-4:00
 MEETS: JAN 9-MAY 5

LAB TCHG EXPERIENCE GEN 492 1- 2 CREDITS
 Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 2 CREDITS OF GEN 490U OR
 GEN 492 MAY BE APPLIED TOWARD THE GENETICS
 ADVANCED COURSE REQUIREMENT
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GENETICS GEN 495 1- 3 CREDITS
 Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
 OF 490-499 UNIVERSITY WIDE TOWARD GRADUATION

 SEE DEPT FOR REFERENCE NUMBERS

ATTEND&CRITIQ SEMNR GEN 496 1 CREDIT
 Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
 OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

GENETICS RESEARCH GEN 499 1- 5 CREDITS
 Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION
 OF INSTRUCTOR
 Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
 OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION

 SEE DEPT FOR REFERENCE NUMBERS

GENET RESRCH HONORS GEN 499H 1- 5 CREDITS
 Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION
 OF INSTRUCTOR. MEMBERSHIP IN UNIVERSITY HONORS
 PROGRAM.
 Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
 OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION

 SEE DEPT FOR REFERENCE NUMBERS

GENETICS - INTERDISCIPLINARY

ETHICS &BIOLGCL SCI GENET 539 2 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 Satisfactory-Fail Only.
 9221005 R 1:10-3:00
 MEETS: JAN 9-MAY 5

SPECIAL TOPICS GENET 590 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

GENETICS - INTERDISCIPLINARY (CONTINUED)

GRAD STU SEMNR GENE GENET 690 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 9682005 T 4:10-5:00
 MEETS: JAN 9-MAY 5

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS
 9316005 SR ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

INTRO DNA TECHNIQS GDCB 542A 1 CREDIT
 Satisfactory-Fail Only.
 7089005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 10-FEB 9

INTR PROTEIN TECHNQ GDCB 542B 1 CREDIT
 Satisfactory-Fail Only.
 7092005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS GDCB 542C 1 CREDIT
 Satisfactory-Fail Only.
 7096005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 28-APRIL 27

ADV GENOME INFORMTC GDCB 568 3 CREDITS
 Prereq: BCB 567 OR BIOL 315 AND STAT 430;
 CREDIT OR ENROLLMENT IN GEN 409
 5576005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 T 4:10-5:00
 MEETS: JAN 9-MAY 5

RESEARCH SEMINAR GDCB 696 1 CREDIT
 Satisfactory-Fail Only.
 8832005 W 4:10-5:30
 MEETS: JAN 9-MAY 5

SEM N MOLEC,DV BIO GDCB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2016.
 3856005 M 3:10-5:00
 MEETS: JAN 9-MAY 5

RESEARCH GDCB 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

THE EARTH GEOL 100 3 CREDITS
 3870005 A MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 3870010 B MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

THE EARTH: LAB GEOL 100L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN GEOL 100
 7595005 1 T 10:00-11:50
 MEETS: JAN 9-MAY 5
 7595010 2 T 1:10-3:00
 MEETS: JAN 9-MAY 5
 7595015 3 R 1:10-3:00
 MEETS: JAN 9-MAY 5
 7595020 4 R 10:00-11:50
 MEETS: JAN 9-MAY 5

ENVIRONMNTL GEOLOGY GEOL 101 3 CREDITS
 7596005 A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 7596600 XW ARRANGED ANKERSTJERNE S
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

GEOLOGY (CONTINUED)

HISTORY OF EARTH GEOL 102 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; GEOL MAJORS:
 CONCURRENT ENROLLMENT IN 102L
 3874005 A MWF 4:10-2:00
 MEETS: JAN 9-MAY 5

HIST OF EARTH: LAB GEOL 102L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN GEOL 102
 7597005 1 R 3:10-5:00
 MEETS: JAN 9-MAY 5
 7597010 2 T 3:10-5:00
 MEETS: JAN 9-MAY 5

EARTH&SPC FOR EL ED GEOL 106 2 CREDITS
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED
 8465005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW

EARTH&SPACE SCI LAB GEOL 106L 1 CREDIT
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD
 EDUCATION; CONCURRENT ENROLLMENT IN GEOL106/ASTRO 106
 8582005 1 M 2:10-4:00
 MEETS: JAN 9-MAY 5
 8582010 2 M 12:10-2:00
 MEETS: JAN 9-MAY 5
 8582015 3 M 10:00-11:50
 MEETS: JAN 9-MAY 5
 8582020 4 M 5:10-7:00PM
 MEETS: JAN 9-MAY 5

GEOLOGICL DISASTERS GEOL 111 1 CREDIT
 9152005 TR 9:30-10:20
 MEETS: MARCH 6-MAY 5
 9152600 XW ARRANGED HARDING C
 MEETS: MARCH 6-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

EARTH,WIND&F ORIENT GEOL 113X 1 CREDIT
 9686005 M 4:10-5:00 CERVATO C
 MEETS: JAN 9-MAY 5

WORLD WATER RESOURC GEOL 160 3 CREDITS
 Note: Meets international perspectives reqmt
 3241005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY GEOL 290 1- 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 9-MAY 5

ENERGY &THE ENVIRON GEOL 324 3 CREDITS
 3045005 1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 3045600 XW ARRANGED WOOD A
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

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
 TR 9:00-11:50
 MEETS: JAN 9-MAY 5

PETROLOGY GEOL 365 3 CREDITS
 Prereq: GEOL 315, GEOL 315L, GEOL 316
 3883005 1 MW 3:10-4:00
 T 2:10-5:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

HYDROLGC MDLNG&ANLY GEOL 416 3 CREDITS
 Prereq: FOUR COURSES IN EARTH SCI, METEOROLOGY,
 OR ENGINEERING; JUNIOR CLASSIFICATION
 8445005 MW 11:00-11:50
 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

STABLE ISOTOPES ENV GEOL 426 3 CREDITS
 Prereq: 4 COURSES IN BIOL OR PHYSICAL SCIENCES
 6837005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

GEOLOGY (CONTINUED)

GEOLOGY (CONTINUED)

APPL&ENVIR GEOPHYSC GEOL 451 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; COLLEGE ALGEBRA AND TRIGONOMETRY
 7599005 MW 10:00-10:50
 F 10:00-10:50
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: Equipment use and field trips & travel fee \$70.00

GIS FOR GEOSCIENTST GEOL 452 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3092005 MW 4:10-5:00
 F 4:10-5:00
 MW 5:10-6:00PM
 MEETS: JAN 9-MAY 5

GLACIAL &QUATERNARY GEOL 474 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201 OR EQUIVALENT EXPERIENCE
 8422005 MW 2:10-3:00
 R 1:10-3:00
 MEETS: JAN 9-MAY 5
 Note: Materials, field trips &/or travel fee \$70.00

ENVIRONM BIOGEOCHEM GEOL 483X 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOLOGY, CHEMISTRY, AND PHYSICS
 9889005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

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
 MEETS: JAN 9-MAY 5

SURV REMOTE SNS TEC GEOL 489 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING
 9751005 TR 9:30-10:50 AANSTOOS J
 MEETS: JAN 9-MAY 5

SATELL RMT SENS LAB GEOL 489L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489 OR NREM 589 OR E E 489
 5244005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

HYDROLGC MDLNG&ANLY GEOL 516 3 CREDITS
 Prereq: FOUR COURSES IN EARTH SCI, METEOROLOGY, OR ENGINEERING; JUNIOR CLASSIFICATION
 8526005 MW 11:00-11:50
 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

STABLE ISOTOP&ENVIR GEOL 526 3 CREDITS
 Prereq: 4 COURSES IN PHYSICAL OR BIOL SCIENCE
 6843005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

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
 F 10:00-10:50
 F 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: Field trips & travel fee \$70.00

GIS FOR GEOSCIENTST GEOL 552 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3206005 MW 4:10-5:00
 F 4:10-5:00
 MW 5:10-6:00PM
 MEETS: JAN 9-MAY 5

GLACIAL &QUATERNARY GEOL 574 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201
 8423005 MW 2:10-3:00
 R 1:10-3:00
 MEETS: JAN 9-MAY 5
 Note: Materials, field trips &/or travel fee \$70.00

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
 MEETS: JAN 9-MAY 5

SURV REMOTE SNS TEC GEOL 589 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING
 9754005 TR 9:30-10:50 AANSTOOS J
 MEETS: JAN 9-MAY 5

SATELL RMT SENS LAB GEOL 589L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489 OR NREM 589 OR E E 489
 6062005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 9-MAY 5

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 HYDROGEOLOGY GEOL 590H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI GEOL 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIN RESOURC GEOL 590J 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP GEOPHYSICS GEOL 590K 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP MINERALOGY GEOL 590L 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS TECTONICS GEOL 590M 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP PALEOECO&CLI GEOL 590N 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ISOTP GCHEM GEOL 590O 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTA&GIS GEOL 590P 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SRFC HYDROL GEOL 590R 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY (CONTINUED)

GEOLOGY (CONTINUED)

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 9-MAY 5

GRADUATE SEMINAR GEOL 595B R CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8220005 F 4:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5

ADV SEM ECONOM GEOL GEOL 610B 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7609005 ARRANGED
 MEETS: JAN 9-MAY 5

ADV SEM GEOTECTONIC GEOL 610E 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7606005 ARRANGED
 MEETS: JAN 9-MAY 5

ADV SEM HYDROGEOLOGY GEOL 610F 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7604005 ARRANGED
 MEETS: JAN 9-MAY 5

ADV SEM SURFIC PROC GEOL 610G 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7608005 ARRANGED
 MEETS: JAN 9-MAY 5

ADV SEM SED&STRATIG GEOL 610H 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7607005 ARRANGED
 MEETS: JAN 9-MAY 5

ADV SEM PALEOEC&CLI GEOL 610I 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 6710005 ARRANGED
 MEETS: JAN 9-MAY 5

RES SURFICIAL PROC GEOL 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH STRATIGRAPHY GEOL 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEDIMENTATION GEOL 699C VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH PALEONTOLOGY GEOL 699D VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

RES STRUCTURAL GEOL GEOL 699F VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH GEOCHEMISTRY GEOL 699G VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH HYDROGEOLOGY GEOL 699H VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH EARTH SCIENCE GEOL 699I VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MINERAL RESOURC GEOL 699J VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GEOPHYSICS GEOL 699K VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MINERALOGY GEOL 699L VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TECTONICS GEOL 699M VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES PALEOECO&CLIMAT GEOL 699N VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES ISOTOPE GEOCHEM GEOL 699O VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH CMPUT MTH&GIS GEOL 699P VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES SURFC HYDROLOGY GEOL 699R VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSEARCH GEOSCI EDUC GEOL 699S VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

GERMAN

ELEMENTRY GERMAN II GER 102 4 CREDITS
 Prereq: GER 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL GERMAN MAY NOT ENROLL IN 102.
 Meets international perspectives reqmt
 3950005 1 MTWR 10:00-10:50 CARTER W
 MEETS: JAN 9-MAY 5

3950010 2 MTWR 11:00-11:50 MARTIN B
 MEETS: JAN 9-MAY 5

3950015 3 MTWR 1:10-2:00 HOLTHAUS M
 MEETS: JAN 9-MAY 5

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 AMIDON K
 MEETS: JAN 9-MAY 5

3954010 2 MTWR 10:00-10:50 LOONEY M
 MEETS: JAN 9-MAY 5

COMPOSITION GER 302 3 CREDITS
 Prereq: GER 202
 Note: Meets international perspectives reqmt
 3956005 1 TR 9:30-10:50 AMIDON K
 MEETS: JAN 9-MAY 5

CONVERSATN:CITY EUR GER 305 3 CREDITS
 Prereq: GER 202, GER 301 RECOMMENDED
 Note: Meets international perspectives reqmt
 8405005 MWF 12:10-1:00 CARTER W
 MEETS: JAN 9-MAY 5

GERMANY TODAY GER 320 3 CREDITS
 Prereq: GER 301 OR GER 304
 Note: Meets international perspectives reqmt
 3792005 1 MW 3:10-4:30 RECTANUS M
 MEETS: JAN 9-MAY 5

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 2017.
 Meets international perspectives reqmt
 7143005 1 T 6:10-9:00PM RECTANUS M
 MEETS: JAN 9-MAY 5
 Note: SEC 1 OFFERED FOR 3 CREDITS SPRING
 2017

7143010 2 T 6:10-9:00PM RECTANUS M
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 2 OFFERED FOR 4 CREDITS SPRING 2017

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 AMIDON K
 MEETS: JAN 9-MAY 5

3958010 2 TR 2:10-3:30 AMIDON K
 MEETS: JAN 9-MAY 5
 Note: SEC 1 OFFERED FOR 3 CREDITS SPRING 2017
 Note: SEC 2 OFFERED FOR 4 CREDITS SPRING 2017

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

GERMAN

(CONTINUED)

SPL TOP GER CIVLZTN GER 590D 2- 4 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR; 6 CREDITS
 OF 400-LEVEL GERMAN
 2412005 ARRANGED
 MEETS: JAN 9-MAY 5
 2412075 WC ARRANGED CARTER W

GERONTOLOGY

ADULT DEVELOPM&AGING GERON 234 3 CREDITS
 Prereq: HD FS 102
 2026005 1 TR 2:10-3:30 MARGRETT J
 MEETS: JAN 9-MAY 5

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 9-MAY 5

GERONTOL PRACTICUM GERON 467 3- 6 CREDITS
 Prereq: GERON 466, ADVANCE RESERVATION
 Satisfactory-Fail Only.
 7870005 ARRANGED
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY GERON 490 VAR. CREDITS
 3052005 ARRANGED
 MEETS: JAN 9-MAY 5

SURV OF GERONTOLOGY GERON 510 1- 3 CREDITS
 3053005 W 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: OPEN SEC OFFERED FOR 1 CREDIT SPRING 2017
 3053010 2 W 1:10-2:00, ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 3 OFFERED FOR 2 CREDITS SPRING 2017
 3053015 3 W 1:10-2:00, ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 3 OFFERED FOR 3 CREDITS SPRING 2017

MENTAL HEALTH&AGING GERON 523 3 CREDITS
 3538600 XG ARRANGED
 MEETS: JAN 17-MAY 12
 Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Department permission required.
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ADULT DEVELOPMENT GERON 534 3 CREDITS
 2631600 XG ARRANGED
 MEETS: JAN 17-MAY 12
 Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ENVIR FOR THE AGING GERON 563 3 CREDITS
 Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH,
 INTERIOR DSGN, REHABILITATION, PSYCH OR HD FS
 Note: Meets U.S. diversity reqmt
 3807605 XG ARRANGED
 MEETS: JAN 17-MAY 12
 Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Meets U.S. diversity reqmt
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

AGING IN FAMLY SETT GERON 577 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES
 9006605 XG ARRANGED
 MEETS: JAN 17-MAY 4
 Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

GERONTOLOGY

(CONTINUED)

SPECIAL TOPICS GERON 590 VAR. CREDITS
 3059005 ARRANGED
 MEETS: JAN 9-MAY 5
 3059010 2 ARRANGED
 MEETS: JAN 9-MAY 5

CREATIVE COMPONENT GERON 599 VAR. CREDITS
 9839077 PM ARRANGED

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

GLOBAL RESOURCE SYSTEMS

GLOBAL RESOURCE SYS GLOBE 201 3 CREDITS
 6635005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

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 T 3:40-5:00
 MEETS: JAN 10-MARCH 28
 Note: SEC 1 OFFERED FOR 1 CREDIT SPRING 2017
 6651010 2 R 3:40-5:00
 MEETS: JAN 12-MARCH 30
 Note: SEC 2 OFFERED FOR 1 CREDIT SPRING 2017

GLOBAL SUSTAINABLY 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 9-MAY 5

APPRENTICESHIP GLOBE 221 R CREDIT
 Satisfactory-Fail Only.
 6652005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

INDEPENDENT STUDY GLOBE 290 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS GLOBE 290H 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 9-MAY 5

GLB SYS INTERN PREP GLOBE 320 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5201005 W 4:10-5:00
 MEETS: JAN 9-MAY 5
 5201600 XW ARRANGED NONNECKE G
 MEETS: JAN 9-MAY 5
 Note: PERMISSION FROM INSTRUCTOR IS REQUIRED TO
 REGISTER. STUDENTS MUST INTEND TO ENROLL IN GLOBE
 321 OR 322 IN THE FOLLOWING TERM.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://www.agonline.iastate.edu
 /resources/computer-requirements

INTERNSHIP - GLOBAL GLOBE 321 3- 6 CREDITS
 Prereq: GLOBE 320; JR. OR SR. CLASSIFICATION IN
 GLOBAL RESOURCE SYSTEMS MAJOR; PERMISSION OF
 INSTRUCTOR AND APPROVAL BY THE GLOBAL RESOURCE
 SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND
 GLOBE 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 Meets international perspectives reqmt
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP - U.S. GLOBE 322 3- 6 CREDITS
 Prereq: GLOBE 320; JR. OR SR. CLASSIFICATION IN
 GLOBAL RESOURCE SYSTEMS MAJOR; PERMISSION OF
 INSTRUCTOR AND APPROVAL BY THE GLOBAL RESOURCE
 SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 12 CREDITS OF GLOBE 322 AND
 GLOBE 321 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 8684005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

GLOBAL RESOURCE SYSTEMS (CONTINUED)

ECONOMIC DEVELOPMNT GLOBE 385 3 CREDITS
 Prereq: ECON 101, ECON 102
 Note: Meets international perspectives reqmt
 3230005 1 TR 12:40-2:00 LUVAGA E
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN GLOBE 398X R CREDIT
 Prereq: PERMISSION OF FACULTY COORDINATOR FOR THE
 MAJOR, COMPLETION OF COOPERATIVE EDUCATION APPROVAL
 FORM, REGISTRATION IN GLOBE 398X PRIOR TO COMMENCING
 WORK PERIOD
 Satisfactory-Fail Only.
 9743005 ARRANGED
 MEETS: JAN 9-MAY 5

SENIOR PROJECT GLOBE 401 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN GLOBE
 6799005 W 3:10-4:00, ARRANGED
 MEETS: JAN 9-MAY 5

SENIOR PROJ HONORS GLOBE 401H 3 CREDITS
 8914005 W 3:10-4:00, ARRANGED
 MEETS: JAN 9-MAY 5

GLEBL RSOURC CHALLNG GLOBE 402 3 CREDITS
 6815005 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 9-MAY 5

INT'L ANIMAL AGRICU GLOBE 441 3 CREDITS
 Note: Meets international perspectives reqmt
 7435005 1 TR 11:00-12:15 ROTHSCCHILD M
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 Note: Instructor permission required.

INDEP STUDY HONORS GLOBE 490H 1-4 CREDITS
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE
 APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
 6817005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

IND STDY SERVE LRN GLOBE 490Z 1-4 CREDITS
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE
 APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
 6823005 ARRANGED
 MEETS: JAN 9-MAY 5

SERVICE LEARN INT'L GLOBE 494A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 3581005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

SERV LRNG DOMESTIC GLOBE 494B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3604005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

GL RSOURC ABRD PREP GLOBE 495 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 8845015 CN W 3:10-4:40
 MEETS: FEB 15-MAY 5
 Note: SEC CN HIS STUDY ABROAD PREPARATION CLASS IS FOR
 THE CHINA THAT WILL TAKE PLACE SUMMER 2017
 8845010 IN ARRANGED
 MEETS: MARCH 2-APRIL 27
 Note: SEC IN IS STUDY ABROAD PREPARATION CLASS IS FOR
 THE INDIA TRIP THAT WILL TAKE PLACE SUMMER 2017
 8845005 IT M 3:10-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC IT HIS STUDY ABROAD PREPARATION CLASS IS FOR
 THE ROME ITALY TRIP THAT WILL TAKE PLACE SUMMER 2017
 MAY 10-JUNE 5
 8845805 UG W 5:10-7:00PM
 MEETS: JAN 9-MAY 5
 Note: SEC UG PRE-TRAVEL FOR SUMMER STUDY ABOARD TO
 UGANDA.

GLOBAL RESOURCE SYSTEMS (CONTINUED)

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS
 6903005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

GRADUATE STUDIES

PREP PUBLSHBL THSIS GR ST 529 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 9736005 T 11:00-12:20 GRAVES W
 ARRANGED
 MEETS: JAN 9-MAY 5

RSPBL RSRCH CONDUCT GR ST 565 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 7866005 1 W 11:00-11:50 GLEASON M
 MEETS: JAN 9-MAY 5
 7866015 3 T 1:10-2:00 LEANDRO L
 MEETS: JAN 9-MAY 5
 7866020 4 M 5:10-6:00PM
 MEETS: JAN 9-MAY 5
 7866025 5 M 2:10-3:00 GENSCHEL U
 MEETS: JAN 9-MAY 5

GRANT WRITING GR ST 569 1 CREDIT
 Prereq: AT LEAST TWO PRIOR YEARS OF GRADUATE
 CLASSIFICATION.
 3910005 1 MW 10:00-10:50 RUSSELL A
 MEETS: JAN 9-MARCH 3
 Note: SEC 1: FOCUS ON THE NSF
 3910010 2 MW 11:00-11:50 RUSSELL A
 MEETS: JAN 9-MARCH 3
 Note: SEC 2: FOCUS ON FULBRIGHT, ARTS,
 HUMANITIES FUNDING

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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 Note: SEC 1: PFF
 Instructor permission required.
 8341010 2 ARRANGED BENDER H
 MEETS: JAN 9-MAY 5
 Note: SEC 2: CIRTLL
 Instructor permission required.
 8341015 3 ARRANGED BENDER H
 MEETS: JAN 9-MAY 5
 Note: SEC 3: TAR
 Instructor permission required.

EXAMINATION ONLY GR ST 600 R CREDIT
 Note: ASSESSES FOR 2 CREDITS TUITION IS EQUIVALENT
 OF 2 CREDITS
 3972005 ARRANGED
 MEETS: JAN 9-MAY 5

REQUIRED ENROLLMENT GR ST 601 R CREDIT
 Note: ASSESSES FOR 2 CREDITS TUITION IS EQUIVALENT
 OF 2 CREDITS
 College permission required.
 4482005 ARRANGED
 MEETS: JAN 9-MAY 5

DOC PRELIM REGISTRA GR ST 680 R CREDIT
 Note: SEE GRADUATE COLLEGE HANDBOOK FOR SPECIFIC
 REQUIREMENTS
 SIGNATURE REQUIRED: GRADUATE COLLEGE, 1137 PEARSON.
 College permission required.
 7349005 ARRANGED
 MEETS: JAN 9-MAY 5

PRACTICAL TRAINING GR ST 697 R CREDIT
 6905005 ARRANGED
 MEETS: JAN 9-MAY 5

GRAPHIC DESIGN

GRAPH DSGN STDIO II ARTGR 271 3 CREDITS
 Prereq: ART 230, ARTGR 270, ARTGR 275 AND
 ENROLLMENT IN ARTGR 276
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE
 PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.
 1786005 A MW 9:00-10:50
 MEETS: JAN 9-MAY 5
 1786010 B MW 9:00-10:50
 MEETS: JAN 9-MAY 5
 1786015 C MW 9:00-10:50
 MEETS: JAN 9-MAY 5

GRAPHIC DESIGN (CONTINUED)

GRAPHIC DESIGN (CONTINUED)

GRAPH DSGN STUDIO II ARTGR 271 3 CREDITS
 1786020 D MW 9:00-10:50
 MEETS: JAN 9-MAY 5

DG PHOTO FOR GR DSN ARTGR 272 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 270 OR
 ARTGR 271
 9179005 A MW 10:00-12:50
 MEETS: JAN 9-MAY 5
 9179010 B MW 2:10-5:00
 MEETS: JAN 9-MAY 5

GRAPHIC TECHNLOGY 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 9:00-9:50
 TR 9:00-9:50
 MEETS: JAN 9-MAY 5
 5292010 B TR 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 9-MAY 5
 5292015 C TR 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 9-MAY 5
 5292020 D TR 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 9-MAY 5

GRAPH DSN STUDIO IV ARTGR 371 3 CREDITS
 Prereq: ARTGR 370 AND ARTGR 387
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.
 1820005 A TR 9:30-12:20 CLIFFORD R
 MEETS: JAN 9-MAY 5
 1820010 B TR 9:30-12:20 URE C
 MEETS: JAN 9-MAY 5
 1820015 C TR 9:30-12:20 QUAM A
 MEETS: JAN 9-MAY 5
 1820020 D TR 9:30-12:20 CLENDENEN B
 MEETS: JAN 9-MAY 5

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 6:10-7:30PM
 MEETS: JAN 9-MAY 5

GRPH DSN INTERN SEM ARTGR 377 1 CREDIT
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
 370 OR ARTGR 371
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 7537005 A T 11:00-11:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5
 Note: Instructor permission required.
 Materials, field trips &/or travel fee
 \$25.00-\$1,041.00

3D MOTION GRAPHICS ARTGR 463X 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370 OR
 ARTGR 371 OR ARTGR 470
 9814005 MW 2:10-5:00 CALL A
 MEETS: JAN 9-MAY 5

GRPHC DSGN CAPSTONE ARTGR 471 5 CREDITS
 Prereq: ARTGR 470 OR PERMISSION OF INSTRUCTOR
 1645005 A TR 12:40-5:30 BRAIDWOOD A
 MEETS: JAN 9-MAY 5
 1645010 B TR 12:40-5:30 QUAM A
 MEETS: JAN 9-MAY 5
 1645015 C TR 12:40-5:30 URE C
 MEETS: JAN 9-MAY 5
 1645020 D TR 12:40-5:30 CLIFFORD R
 MEETS: JAN 9-MAY 5

ADVANCED TYPOGRAPHY ARTGR 475 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR
 371, ARTGR 470 OR ARTGR 482
 Note: COURSE RESTRICTED TO ARTGR UNDERGRADS
 ONLY
 1888005 MW 2:10-5:00 CURRAN P
 MEETS: JAN 9-MAY 5

WAYFINDING DESIGN ARTGR 479 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR
 371, ARTGR 470 OR ARTGR 482
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY.
 TOPIC: WAYFINDING DESIGN. FIELD TRIP FEE \$250.00
 1891005 MW 2:10-5:00
 MEETS: JAN 9-MAY 5

GRPH DSGN PRO PRACT ARTGR 481 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
 470
 Note: Instructor permission required 1st week.
 8243005 TR 6:10-7:30PM
 MEETS: JAN 9-MAY 5

STUDIES IN GRPH DSN ARTGR 484 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO ARTGR MAJORS ONLY. OFFERED FOR 3
 CREDITS SPRING 2016
 Instructor permission required 1st week.
 8261005 A MW 2:10-5:00 KANG S
 MEETS: JAN 9-MAY 5
 Note: SEC A TOPIC: PACKAGE DESIGN

IND ST THEORY, CRIT ARTGR 490A 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 2-D DESGN ARTGR 490B 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 3-D DESGN ARTGR 490C 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTGR 490H 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF 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

PUBLICATN DSGN:BOOKS ARTGR 492 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
 370 OR ARTGR 371
 1994005 TR 2:10-5:00 CURRAN P
 MEETS: JAN 9-MAY 5

ADVANCED TYPOGRAPHY ARTGR 575 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370
 OR ARTGR 371 OR ARTGR 470; OR GRAD CLASSIFICATION
 IN THE COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO DESIGN COLLEGE GRADUATE
 STUDENTS
 2113005 MW 2:10-5:00 CURRAN P
 MEETS: JAN 9-MAY 5

WAYFINDING DESIGN ARTGR 579 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370
 OR ARTGR 371 OR ARTGR 470; OR GRAD CLASSIFICATION
 IN THE COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY.
 TOPIC: WAYFINDING DESIGN. FIELD TRIP FEE \$250.00
 2123005 MW 2:10-5:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

DESIGN AND ETHICS ARTGR 589 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 4955005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

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

GRAPHIC DESIGN (CONTINUED)

SPL TOP 2-DIMEN DSN ARTGR 590B VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 3-DIMEN DSN ARTGR 590C VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

PUBLICATN DSGN:BOOKS ARTGR 592 3 CREDITS
 Prereq: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 2158005 TR 2:10-5:00
 MEETS: JAN 9-MAY 5

CREATIVE COMPONENT ARTGR 599 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

GRPH DSG BEHAVR CHG ARTGR 672B 3 CREDITS
 Prereq: ARTGR 570, ARTGR 571, AND GRADUATE ENROLLMENT IN COLLEGE OF DESIGN OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 4211005 TR 10:00-12:50 CANNIFFE B
 MEETS: JAN 9-MAY 5

ADVANCED TOPICS ARTGR 690 VAR. CREDITS
 Prereq: MFA CLASSIFICATION, INSTRUCTOR PERMISSION
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

GRAPHIC DSGN ISSUES ARTGR 698 1- 3 CREDITS
 Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN OR PERMISSION OF INSTRUCTOR
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2016.
 1837005 M 6:10-9:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 4081010 A2 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 4081015 B1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 4081020 B2 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 4081025 C1 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 4081030 C2 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 4081035 D2 TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 4081040 D3 TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 4081045 E1 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 4081050 E2 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

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 DUKES L
 MEETS: JAN 9-MAY 5
 4082010 A2 MWF 11:00-11:50 DUKES L
 MEETS: JAN 9-MAY 5
 4082015 B1 TR 11:00-12:30 LIPSEY H
 MEETS: JAN 9-MAY 5
 4082020 B2 TR 11:00-12:30 LIPSEY H
 MEETS: JAN 9-MAY 5
 4082025 C1 MWF 9:00-9:50 DRENTH J
 MEETS: JAN 9-MAY 5

HEALTH STUDIES (CONTINUED)

DRUG EDUCATION H S 215 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 4083005 A1 TR 8:00-9:20 DENTON D
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO A TR, KIN H, P ATR
 MAJORS.
 4083010 A2 TR 8:00-9:20 DENTON D
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN A TR, KIN H, P ATR.
 4083015 B1 TR 9:30-10:50 DENTON D
 MEETS: JAN 9-MAY 5
 Note: SEC B1 RESTRICTED TO A TR, KIN H, P ATR
 MAJORS.
 4083020 B2 TR 9:30-10:50 DENTON D
 MEETS: JAN 9-MAY 5
 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 SMITH J
 MEETS: JAN 9-MAY 5
 4084010 2 MWF 11:00-11:50 SMITH J
 MEETS: JAN 9-MAY 5

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 SPRY-KNUTSON J
 MEETS: JAN 9-MAY 5

COMMUN&PUBLIC HEALTH H S 310 3 CREDITS
 Prereq: H S 110
 4087005 1 MWF 11:00-11:50 LIPSEY H
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO KIN H JUNIORS & SENIORS
 4087010 2 MWF 11:00-11:50 LIPSEY H
 MEETS: JAN 9-MAY 5
 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 KOHUT M
 MEETS: JAN 9-MAY 5
 4088010 A2 TR 12:40-2:00 KOHUT M
 MEETS: JAN 9-MAY 5

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 SOUTHARD K
 MEETS: JAN 9-MAY 5

STRATG PRO SCHL&FLD H S 385 .5 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 POWER D
 MEETS: JAN 9-MARCH 3
 3789010 2 F 1:10-2:00, ARRANGED POWER D
 MEETS: JAN 9-MARCH 3

SUPV TCHG HLTH,SCDY H S 417A 14 CREDITS
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED
 Note: Department permission required.
 9508005 ARRANGED LIPSEY H
 MEETS: JAN 9-MAY 5

TEACH HLTH SEC,ADDL H S 417B VAR. CREDITS
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED
 Note: Department permission required.
 9507005 ARRANGED LIPSEY H
 MEETS: JAN 9-MAY 5

PHY ACTVTY EPIDEMIO H S 464 3 CREDITS
 Prereq: KIN 358 OR H S 350; STAT 101 OR STAT 401
 9726005 MW 3:10-4:30 MEIER N
 MEETS: JAN 9-MAY 5

FLD EXP HLTH PROMO H S 485 8-16 CREDITS
 Prereq: ALL REQUIRED H S COURSES, PERMISSION OF COORDINATOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 4095005 ARRANGED POWER D
 MEETS: JAN 9-MAY 5

HEALTH STUDIES

(CONTINUED)

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 UNIVERSITY HONORS STUDENTS
 ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HIGHER EDUCATION

HIGHER EDUC IN U.S. HG ED 504 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: FOR EDUC STUDENTS ONLY - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 4111005 1 W 5:30-8:20PM
 MEETS: JAN 9-MAY 5

LEARN, LDRSHIP, CMUNTY HG ED 541 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7154005 T 3:10-5:00
 MEETS: JAN 9-MAY 5

TEAMS IN ACTION HG ED 543 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7160005 T 11:00-2:00
 MEETS: JAN 9-MAY 5

LDRSH&L IN PRACTICE HG ED 545 3 CREDITS
 Prereq: HG ED 544, GRADUATE CLASSIFICATION
 6845005 T 11:00-2:00
 MEETS: JAN 9-MAY 5

COLLEGE TEACHING HG ED 561 3 CREDITS
 Prereq: 6 GRADUATE CREDITS
 4112005 1 F 5:00-8:00PM
 S 9:00-5:00
 MEETS: JAN 13-FEB 18
 Note: SEC 1 RESTRICTED TO EDUC MAJORS ONLY.
 OTHERS CONTACT DEPARTMENT FOR PERMISSION
 Instructor permission required.

STUDENT DEVELOPMENT HG ED 576 3 CREDITS
 Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM
 4118005 1 T 2:10-5:00
 MEETS: JAN 9-MAY 5
 4118010 2 M 2:10-5:00
 MEETS: JAN 9-MAY 5

ADVISING&HELP SKILLS HG ED 579 3 CREDITS
 Prereq: HG ED 574, HG ED 576
 6274005 1 M 9:00-11:50
 MEETS: JAN 9-MAY 5
 6274010 2 T 9:00-11:50
 MEETS: JAN 9-MAY 5

SPL TOP STDY 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 T 2:10-5:00
 MEETS: JAN 9-MAY 5

HIGHER EDUCATION

(CONTINUED)

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 2016
 4142005 1 T 5:30-8:30PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5 MCDONNELL L

INTR WESTERN CIV II HIST 202 3 CREDITS
 Note: Meets international perspectives reqmt
 4151005 1 TR 11:00-11:50 MONROE J
 T 8:00-8:50
 MEETS: JAN 9-MAY 5

4151010 2 TR 11:00-11:50 MONROE J
 T 9:30-10:20
 MEETS: JAN 9-MAY 5

4151015 3 TR 11:00-11:50 MONROE J
 W 10:00-10:50
 MEETS: JAN 9-MAY 5

4151020 4 TR 11:00-11:50 MONROE J
 W 11:00-11:50
 MEETS: JAN 9-MAY 5

4151025 5 TR 11:00-11:50 MONROE J
 R 8:00-8:50
 MEETS: JAN 9-MAY 5

4151030 6 TR 11:00-11:50 MONROE J
 W 8:00-8:50
 MEETS: JAN 9-MAY 5

4151035 7 TR 11:00-11:50 MONROE J
 F 10:00-10:50
 MEETS: JAN 9-MAY 5

4151040 8 TR 11:00-11:50 MONROE J
 F 11:00-11:50
 MEETS: JAN 9-MAY 5

4151045 9 MW 1:10-2:00 CORDERY S
 T 9:30-10:20
 MEETS: JAN 9-MAY 5

4151050 10 MW 1:10-2:00 CORDERY S
 T 11:00-11:50
 MEETS: JAN 9-MAY 5

4151055 11 MW 1:10-2:00 CORDERY S
 W 9:00-9:50
 MEETS: JAN 9-MAY 5

4151060 12 MW 1:10-2:00 CORDERY S
 W 10:00-10:50
 MEETS: JAN 9-MAY 5

4151065 13 MW 1:10-2:00 CORDERY S
 R 2:10-3:00
 MEETS: JAN 9-MAY 5

4151070 14 MW 1:10-2:00 CORDERY S
 R 11:00-11:50
 MEETS: JAN 9-MAY 5

4151075 15 MW 1:10-2:00 CORDERY S
 F 12:10-1:00
 MEETS: JAN 9-MAY 5

4151080 16 MW 1:10-2:00 CORDERY S
 F 1:10-2:00
 MEETS: JAN 9-MAY 5

HISTORY

(CONTINUED)

HISTORY

(CONTINUED)

SURVEY U.S. HIST I HIST 221 3 CREDITS
 4155005 TR 12:40-2:00 COURTWRIGHT J
 MEETS: JAN 9-MAY 5

SURVEY U.S. HIST II HIST 222 3 CREDITS
 4156005 1 MW 3:10-4:00 CORDERY S
 T 8:00-8:50
 MEETS: JAN 9-MAY 5

4156010 2 MW 3:10-4:00 CORDERY S
 T 9:30-10:20
 MEETS: JAN 9-MAY 5

4156015 3 MW 3:10-4:00 CORDERY S
 T 11:00-11:50
 MEETS: JAN 9-MAY 5

4156020 4 MW 3:10-4:00 CORDERY S
 R 8:00-8:50
 MEETS: JAN 9-MAY 5

4156025 5 MW 3:10-4:00 CORDERY S
 R 9:30-10:20
 MEETS: JAN 9-MAY 5

4156030 6 MW 3:10-4:00 CORDERY S
 R 11:00-11:50
 MEETS: JAN 9-MAY 5

4156035 7 MW 3:10-4:00 CORDERY S
 F 9:00-9:50
 MEETS: JAN 9-MAY 5

4156040 8 MW 3:10-4:00 CORDERY S
 F 10:00-10:50
 MEETS: JAN 9-MAY 5

4156045 9 TR 11:00-11:50 MCDONNELL L
 T 8:00-8:50
 MEETS: JAN 9-MAY 5

4156050 10 TR 11:00-11:50 MCDONNELL L
 T 9:30-10:20
 MEETS: JAN 9-MAY 5

4156055 11 TR 11:00-11:50 MCDONNELL L
 W 10:00-10:50
 MEETS: JAN 9-MAY 5

4156060 12 TR 11:00-11:50 MCDONNELL L
 R 8:00-8:50
 MEETS: JAN 9-MAY 5

4156065 13 TR 11:00-11:50 MCDONNELL L
 W 11:00-11:50
 MEETS: JAN 9-MAY 5

4156070 14 TR 11:00-11:50 MCDONNELL L
 R 9:30-10:20
 MEETS: JAN 9-MAY 5

4156075 15 TR 11:00-11:50 MCDONNELL L
 F 10:00-10:50
 MEETS: JAN 9-MAY 5

4156080 16 TR 11:00-11:50 MCDONNELL L
 F 11:00-11:50
 MEETS: JAN 9-MAY 5

4156085 17 MWF 10:00-10:50 BARRON M
 MEETS: JAN 9-MAY 5

4156090 18 MWF 9:00-9:50 WEBER M
 MEETS: JAN 9-MAY 5

INTR ASIAN AMER STU HIST 225 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9579005 TR 3:40-5:00 DUSSELIER J
 MEETS: JAN 9-MAY 5

INTR WRLD HIS 1500- HIST 255X 3 CREDITS
 Note: Meets international perspectives reqmt
 9731005 TR 11:00-12:20 HERNANDEZ B
 MEETS: JAN 9-MAY 5

WONDRS WLD GLB INNV HIST 284 3 CREDITS
 Note: Meets international perspectives reqmt
 4163005 TR 9:30-10:50 WOLTERS T
 MEETS: JAN 9-MAY 5

AMER POPULAR CULTUR HIST 307 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 3890600 XW ARRANGED BIX A
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

HIST MOD EURO 1789- HIST 320X 3 CREDITS
 9732005 TR 2:10-3:30 BEST J
 MEETS: JAN 9-MAY 5

ENGLAND 1525-1700 HIST 325 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 4169005 TR 11:00-12:20 GRIFFITHS P
 MEETS: JAN 9-MAY 5

HIST BRITISH EMPIRE HIST 327X 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 9457005 TR 12:40-2:00 SCHNEIDER W
 MEETS: JAN 9-MAY 5

ASIAN AM MATRL CULT HIST 333 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2369005 TR 12:40-2:00 DUSSELIER J
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

U.S.CIVIL WAR&RECON HIST 356 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 4217005 TR 9:30-10:50 HILLIARD K
 MEETS: JAN 9-MAY 5
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE

U.S. 1945-PRESENT HIST 361 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 4220005 MWF 11:00-11:50 RUTENBERG A
 MEETS: JAN 9-MAY 5

AMER AGRIC II:1865- HIST 366 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE.
 4180005 MWF 9:00-9:50 HILL K
 MEETS: JAN 9-MAY 5

HISTORY OF IOWA HIST 370 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 4222600 XW ARRANGED BREMER J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

HIST OF AMER WOMEN HIST 386 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4187600 XW ARRANGED BIX A
 MEETS: JAN 9-MAY 5
 Note: SECTION XW IS RESTRICTED TO SOPHOMORES AND ABOVE.
 Section XW is off campus
 Course delivery is WWW

WORLD MILITARY HIST HIST 390 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 4190005 MWF 10:00-10:50 KEHRBERG R
 MEETS: JAN 9-MAY 5

ROMAN CIVILIZATION HIST 403 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 4193005 1 MW 3:10-4:30 HOLLANDER D
 MEETS: JAN 9-MAY 5
 4193010 2 M 5:30-8:30PM HOLLANDER D
 MEETS: JAN 9-MAY 5

EARLY MEDVL TRNSFRM HIST 405 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 4194005 MWF 11:00-11:50 HILL K
 MEETS: JAN 9-MAY 5

HOLOCAUST IN HIST HIST 410X 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 9481005 TR 11:00-12:20 BEST J
 MEETS: JAN 9-MAY 5

PUNSHMT ENGL 16-19C HIST 428 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 7660005 TR 2:10-3:30 GRIFFITHS P
 MEETS: JAN 9-MAY 5

REBELLN&RV LTN AMER HIST 442 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Meets international perspectives reqmt
 1206005 TR 2:10-3:30 HERNANDEZ B
 MEETS: JAN 9-MAY 5

AMER REVOLUTION ERA HIST 451 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Instructor permission required 1st week.
 8415005 MWF 1:10-2:00 KEHRBERG R
 MEETS: JAN 9-MAY 5

HISTORY

(CONTINUED)

AMERICAN FAMILY HIST 456 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 2763005 TR 11:00-12:20 RINEY-KEHRBERG P
 MEETS: JAN 9-MAY 5

HIST RURAL AMERICA HIST 468 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 6960005 TR 2:10-3:30 RINEY-KEHRBERG P
 MEETS: JAN 9-MAY 5

U.S. ENVIRMNTL HIST HIST 472 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 9189005 TR 9:30-10:50 COURTWRIGHT J
 MEETS: JAN 9-MAY 5

CHINA AND COLD WAR HIST 479 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 8450005 TR 9:30-10:50 WANG T
 MEETS: JAN 9-MAY 5

EXPERC III:HIST/SOC HIST 480A 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 8693005 ARRANGED BREMER J
 MEETS: JAN 9-MAY 5

AMERICAN STUFF HIST 488 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 4235005 MWF 1:10-2:00 BARRON M
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY HIST 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN HISTORY; PERMISSION OF
 DEPARTMENT CHAIR
 Note: SOPHOMORE AND ABOVE CLASSIFICATION. NO MORE
 THAN 6 CREDITS OF HIST 490 MAY BE APPLIED TOWARD
 GRADUATION WITH A MAJOR IN HISTORY. NO CREDITS OF
 HIST 490 MAY BE APPLIED TOWARD A MINOR IN HISTORY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTRIOG&RESRCH WRT HIST 495 3 CREDITS
 Prereq: SR HISTORY MAJORS WITH AT LEAST 12 CR OF
 300+ LEVEL HISTORY COURSES
 Note: COURSE RESTRICTED TO HIST SENIORS ONLY.
 4238005 1 M 2:10-5:00 BAILEY M
 MEETS: JAN 9-MAY 5
 4238010 2 T 1:10-4:00 ANDREWS J
 MEETS: JAN 9-MAY 5
 4238015 3 R 2:10-5:00 HILLIARD K
 MEETS: JAN 9-MAY 5

MTHDS TCHG HIST/SOC HIST 498 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN C I 480A;
 ADMISSION TO TEACHER EDUC; 30 CREDITS IN SUBJECT-
 MATTER FIELD
 7032005 F 1:10-4:00 RUTENBERG A
 MEETS: JAN 9-MAY 5

SEM GEN HIST TECHNOL HIST 575 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 4260005 T 1:10-4:00 WOLTERS T
 MEETS: JAN 9-MAY 5

HIS METHD H NARRATV HIST 583A 3 CREDITS
 3389005 R 2:10-5:00 MONROE J
 MEETS: JAN 9-MAY 5

HIS METHD HISTORIOG HIST 583C 3 CREDITS
 Note: Instructor permission required.
 3422005 M 2:10-5:00 MCDONNELL L
 MEETS: JAN 9-MAY 5

SPECIAL TOPICS HIST 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

HONORS

(CONTINUED)

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 9-MAY 5
 Note: Department permission required.

UNIV HONORS SEMINAR HON 322 1- 2 CREDITS
 Prereq: MEMBERSHIP IN THE HONORS PROGRAM
 Note: CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS
 COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HON 490 VAR. CREDITS
 Prereq: MEMBERSHIP IN THE UNIV HONORS PROGRAM,
 PERMISSION OF FACULTY DIRECTOR OF UNIV HONORS PROGRAM
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE

HOME HORTICULTURE HORT 121 2 CREDITS
 4292005 MW 3:10-4:00
 MEETS: JAN 9-MAY 5

HANDS-ON HOME HORTI HORT 122 1 CREDIT
 5497005 1 M 9:00-9:50
 MEETS: JAN 9-MAY 5
 5497010 2 M 11:00-11:50
 MEETS: JAN 9-MAY 5
 5497015 3 M 1:10-2:00
 MEETS: JAN 9-MAY 5

FLORAL DESIGN HORT 131 1 CREDIT
 9661005 1 W 5:10-7:00PM
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO HORT MAJORS ONLY
 9661010 2 W 5:10-7:00PM
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 4296010 2 TR 9:00-9:50
 R 2:10-4:00
 MEETS: JAN 9-MAY 5

PESTICIDE APPL CERT HORT 283 2 CREDITS
 5221005 A MW 2:10-3:00
 MEETS: JAN 9-MAY 5
 HOLSCHER K

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 9-MAY 5
 4304010 2 TR 10:00-10:50
 W 1:10-3:00
 MEETS: JAN 9-MAY 5

GREENHSE OPERAT&MGT HORT 332 4 CREDITS
 Prereq: HORT 221
 4306005 1 MWF 1:10-2:00
 M 2:10-5:00
 MEETS: JAN 9-MAY 5
 4306010 2 MWF 1:10-2:00
 W 2:10-5:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

SOILS & PLANT GROWTH HORT 354 3 CREDITS
 Prereq: AGRON 154 AND BIOL 101 OR BIOL 211
 8494005 1 MWF 10:00-10:50 MATHUR R
 MEETS: JAN 9-MAY 5

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 MATHUR R
 MEETS: JAN 9-MAY 5
 8496010 2 W 1:10-4:00
 MEETS: JAN 9-MAY 5
 8496015 3 R 1:10-4:00
 MEETS: JAN 9-MAY 5

HORTICULTURE (CONTINUED)

HORTICULTURE (CONTINUED)

PRIN GARDEN COMPOSI HORT 380 2 CREDITS
 Prereq: HORT 240
 7264005 TR 9:30-10:20
 MEETS: JAN 9-MAY 5
 7264600 XW ARRANGED ORGLER L
 MEETS: JAN 9-MAY 5
 Note: THIS SECTION CANNOT BE TAKEN BY THOSE IN THE
 LANDSCAPE DESIGN OPTION OR THOSE IN HORT 381.
 Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://www.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 9-MAY 5
 7284010 2 MW 1:10-3:00
 MEETS: JAN 9-MAY 5

HORT MGT EXPERIENCE HORT 391 1 CREDIT
 Prereq: HORT 221 OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 2 CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE HORTICULTURAL SCIENCES COURSE REQUIREMENTS.
 2 ADDITIONAL CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN HORT 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT RESOURCE AND
 CAREER CENTER COORDINATOR
 Satisfactory-Fail Only.
 3652005 ARRANGED
 MEETS: JAN 9-MAY 5

SUSTNBLE&ENVIR HORT 424 3 CREDITS
 8866005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

SPRING GREENHS CROP HORT 435 3 CREDITS
 Prereq: HORT 330 AND HORT 332
 2659005 MW 9:00-9:50
 R 2:10-5:00
 MEETS: JAN 9-MAY 5
 Note: Materials, field trips &/or travel fee \$100.00

PROF TURFGRASS MGMT HORT 451 2 CREDITS
 Prereq: HORT 351
 4319005 T 2:10-5:00
 MEETS: JAN 9-MAY 5
 4319600 XW ARRANGED CHRISTIANS N
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: http://www.agonline.iastate.edu
 /resources/computer-requirements

FRUIT CROP PROD&MGMT HORT 461 3 CREDITS
 Prereq: HORT 221
 4320005 MW 11:00-11:50
 M 2:10-4:00
 MEETS: JAN 9-MAY 5
 Note: Materials, field trips &/or travel fee \$50.00

ORGANC AG:THRY&PRAC HORT 484 3 CREDITS
 Prereq: 9 CR IN BIOLOGICAL OR PHYSICAL SCIENCES
 3190005 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 3190600 XW ARRANGED DELATE K
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

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 490G VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HORT 490H VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY
 HONORS STUDENTS.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRNATL INDEP STDY HORT 490I VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR HORT 490J VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP HORT 491 1- 2 CREDITS
 Prereq: AGRON 338, ADVANCED APPROVAL AND
 PARTICIPATION OF EMPLOYER AND INSTRUCTOR
 Note: Instructor permission required.
 9370005 ARRANGED
 MEETS: JAN 9-MAY 5

HORTICULTR WORKSHOP HORT 493 VAR. CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2017
 7617005 R 4:10-5:00
 MEETS: JAN 9-MAY 5
 Note: THERE WILL BE NO FEE ASSOCIATED WITH THIS
 SECTION
 Field trips & travel fee

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 9-MAY 5

SERV C LEARN DOMESTC HORT 494B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: A MAXIMUM OF 4 CREDITS OF 494 MAY BE APPLIED
 TOWARD THE HORTICULTURE CREDITS REQUIRED FOR GRADUATN
 3163005 ARRANGED
 MEETS: JAN 9-MAY 5

INTG MGT TROP 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 9-MAY 5
 4433800 CR ARRANGED GLEASON M
 MEETS: MARCH 8-17
 Note: SEC CR TAUGHT IN COSTA RICA. INTEGRATED
 MANAGEMENT OF TOPICAL CROPS. STUDY ABROAD
 SPRING 2017. MARCH 8-17
 Study Abroad Administrative Fee Applies

HORTICULTURE (CONTINUED)

SUSTNBL&ENVI HORT HORT 524 3 CREDITS
 4105005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

INTRO DNA TECHNIQS HORT 542A 1 CREDIT
 Satisfactory-Fail Only.
 3106005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 10-FEB 9

INTR PROTEIN TECHNQ HORT 542B 1 CREDIT
 Satisfactory-Fail Only.
 7109005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS HORT 542C 1 CREDIT
 Satisfactory-Fail Only.
 3107005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 28-APRIL 27

STRAT DIVERSFD FARM HORT 546 3 CREDITS
 Prereq: SUSAG 509
 6120005 1 ARRANGED
 MEETS: JAN 9-MAY 5

ORGANC AG THRY&PRAC HORT 584 3 CREDITS
 Prereq: 9 CR. IN BIOLOGICAL OR PHYSICAL SCIENCES
 3403005 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 3403600 XW ARRANGED DELATE K
 MEETS: JAN 9-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW

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 9-MAY 5

ADVANCED TOPICS HORT 690 VAR. CREDITS
 4348005 ARRANGED
 MEETS: JAN 9-MAY 5

RESEARCH SEMINAR HORT 696 1 CREDIT
 Satisfactory-Fail Only.
 8833005 W 4:10-5:30
 MEETS: JAN 9-MAY 5

HORT TEACH PRACTICM HORT 698 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 6171005 M 3:10-4:00
 MEETS: JAN 9-MAY 5

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

HOSPITALITY MANAGEMENT

INTRO HOSP TLY INDUS HSP M 101 3 CREDITS
 7306005 1A ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M
 MAJORS ONLY
 Course delivery is WWW
 7306010 1B ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI,
 HSP M
 Course delivery is WWW

HOSPITALITY MANAGEMENT (CONTINUED)

INTR HSPLY PFM ANLY HSP M 230 3 CREDITS
 4715005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW

HOSP SANITAT&SAFETY HSP M 233 3 CREDITS
 Note: CREDIT FOR EITHER HRI 392, OR HRI 233 AND
 HRI 333 MAY BE APPLIED TOWARD GRADUATION
 4435005 1 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO CS A, CS H, HRI, HSP M,
 EVENT MAJORS ONLY
 Course delivery is WWW
 4435010 2 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 2 RESTRICTED MAJORS OTHER THAN CS A, CS H
 HRI, HSP M, EVENT
 Course delivery is WWW

GLOBAL TOURISM MGT HSP M 260 3 CREDITS
 Note: Meets international perspectives reqmt
 6738005 1 TR 12:30-1:50
 MEETS: JAN 9-MAY 5
 6738010 2 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW

CONTRMPRARY CLUB MGT HSP M 289 2 CREDITS
 Prereq: HSP M 101
 9247005 1A M 2:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO HRI, HSP M MAJORS ONLY
 9247010 1B M 2:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1B RESTRICTED TO EVENT MAJORS ONLY

HOSPITALITY LAW HSP M 315 3 CREDITS
 Prereq: HSP M 101
 Note: COURSE RESTRICTED TO HRI, HSP M, EVENT
 MAJORS ONLY
 4369005 1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

AMUSEMNT PARK ADMIN HSP M 320 3 CREDITS
 Prereq: HSP M 101 OR PERMISSION OF INSTRUCTOR
 9570005 1A MW 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M
 MAJORS ONLY
 9570010 1B MW 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI,
 HSP M.

QUANT FOOD PROD MGT HSP M 380 3 CREDITS
 Prereq: HSP M 233 OR 2 CREDITS IN MICRO;
 FS HN 111 OR FS HN 214; FS HN 115 OR FS HN 215;
 JUNIOR CLASSIFICATION; ENROLLMENT IN HSP M 380L
 Note: Instructor permission required.
 4358005 1 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

QUANT FOOD PROD&MGT HSP M 380L 2 CREDITS
 Prereq: HSP M 233 OR 2 CREDITS IN MICRO;
 FS HN 111 OR FS HN 214; FS HN 115 OR FS HN 215;
 JUNIOR CLASSIFICATION; ENROLLMENT IN HSP M 380
 Note: Instructor permission required.
 4359005 1 TR 10:00-1:00
 MEETS: JAN 9-MAY 5
 4359010 2 WF 10:00-1:00
 MEETS: JAN 9-MAY 5
 4359015 3 TR 4:15-7:15PM
 MEETS: JAN 9-MAY 5

INTRO WINE, BEER, SPI HSP M 383 2 CREDITS
 Prereq: MUST BE AT LEAST 21 YEARS OLD
 4108005 1A R 3:40-5:30
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO CS A, CSH, HRI,
 HSP M, EVENT MAJORS ONLY
 4108010 1B R 3:40-5:30
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN CS A, CS H,
 EVENT, HRI, HSP M
 4108015 2A T 3:40-5:30
 MEETS: JAN 9-MAY 5
 Note: SEC 2A RESTRICTED TO CS A, CSH, HRI,
 HSP M, EVENT MAJORS ONLY
 4108020 2B T 3:40-5:30
 MEETS: JAN 9-MAY 5
 Note: SEC 2B FOR MAJORS OTHER THAN CS A, CS H, EVENT,
 HRI, HSP M

INTRO WINE, BEER LAB HSP M 383L 1 CREDIT
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN
 HSP M 383. MUST BE AT LEAST 21 YEARS OLD.
 8018005 1 F 1:10-3:00
 MEETS: JAN 9-MAY 5

HOSPITALITY MANAGEMENT (CONTINUED)

FOODSERVICE MGT II HSP M 392 3 CREDITS
 Prereq: HSP M 391
 Note: CREDIT IN HRI 392 MAY NOT BE APPLIED TOWARD THE DEGREE REQUIREMENTS FOR THE MAJOR IN HOSPITALITY MANAGEMENT. CREDIT FOR EITHER HRI 392, OR HRI 233 AND HRI 333 MAY BE APPLIED TOWARD GRADUATION.
 7619005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

HOSPITLT FINANCL MGT HSP M 433 3 CREDITS
 Prereq: HSP M 333; ACCT 284; ECON 101; CREDIT OR ENROLLMENT IN STAT 101
 9349005 A MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

LODGING OPER MGT II HSP M 452 3 CREDITS
 Prereq: HSP M 352; CR OR ENROLLMENT IN HSP M 333
 6696005 MW 4:10-5:30
 MEETS: JAN 9-MAY 5

INTR STRATG MGT F&L HSP M 455 3 CREDITS
 Prereq: AESHM 340; CREDIT OR ENROLLMENT IN HSP M 433 AND AESHM 438
 9580005 1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

ISSUES FOOD SAFETY HSP M 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
 8349005 MW 2:10-3:00 MENDONCA A
 MEETS: JAN 9-MARCH 3

IND ST HOSPILITY MGT HSP M 490B VAR. CREDITS
 Prereq: PROGRAM APPROVAL
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HSP M 490D VAR. CREDITS
 Prereq: PROGRAM APPROVAL
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FOODSRVC OP HSP M 490E VAR. CREDITS
 Prereq: PROGRAM APPROVAL
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HSP M 490H VAR. CREDITS
 Prereq: PROGRAM APPROVAL, FULL MEMBERSHIP IN HONORS PROGRAM
 Note: COURSE IS RESTRICTED TO UNIVERSITY HONORS STUDENTS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURR ISS HSPLTY MGT HSP M 506 1 CREDIT
 3458005 1 F 3:10-5:00
 MEETS: JAN 9-MARCH 3

STRATGC MGT HSPTLTY HSP M 555 3 CREDITS
 Prereq: COURSES IN MARKETING, FINANCE, HSP M AND MANAGEMENT. PERMISSION OF INSTRUCTOR.
 4230005 1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

SP TOP HOSPITLTY MGT HSP M 590B VAR. CREDITS
 Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LODGING OPER HSP M 590D VAR. CREDITS
 Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CMMRC FDSRV HSP M 590E VAR. CREDITS
 Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HSP M 599 VAR. CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONL WRITING HSP M 604 2 CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM
 8484005 1 ARRANGED
 MEETS: JAN 9-MAY 5

ADMINISTRA PROBLEMS HSP M 608 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; ENROLLMENT IN PH.D. PROGRAM
 Note: Instructor permission required 1st week.
 4399005 1 ARRANGED
 MEETS: JAN 9-MAY 5

HOSPITALITY MANAGEMENT (CONTINUED)

ADV HOSP FINANC MGT HSP M 633 3 CREDITS
 Prereq: HSP M 433; ENROLLMENT IN PH.D. PROGRAM
 4397005 ARRANGED
 MEETS: JAN 9-MAY 5

ADV TOP HSPTLTY MGT HSP M 690B VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION OF APPLICATION TO DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC LODGING HSP M 690D VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION OF APPLICATION TO DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ONSITE FDSV HSP M 690F VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION OF APPLICATION TO DEPARTMENT
 2801008 CS ARRANGED
 MEETS: JAN 9-MAY 5

RESEARCH HSP M 699 VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN COMPUTER INTERACTION

STATISTC LANGU PROC HCI 515 3 CREDITS
 Prereq: STAT 330 OR EQUIVALENT. RECOMMEND: LING 219 OR LING 511.
 8017005 A TR 12:40-2:00
 MEETS: JAN 9-MAY 5

METHDS HUMAN&CMPUTR HCI 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7055005 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 7055600 XE ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

COMPUT IMPL&PROTYP HCI 574 3 CREDITS
 9226005 A MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC A FOR MAJORS OTHER THAN COM S, E CPE MAJORS ONLY
 9226600 XE ARRANGED HARDING C
 MEETS: JAN 9-MAY 5
 Note: SEC XE FOR MAJORS OTHER THAN COM S, E CPE MAJORS ONLY
 Section XE is off campus
 Course delivery is WWW

COMPUTATNL PERCEPTN HCI 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 3245005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 3245600 XE ARRANGED STOYTCHEV A
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

DESIGN AND ETHICS HCI 589 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 4956005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

SPECIAL TOPICS HCI 590 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM HUMN CPR NTRACT HCI 591 1 CREDIT
 Note: COURSE OFFERED FOR 1 CREDIT
 3509005 A F 12:10-1:00
 MEETS: JAN 9-MAY 5
 3509600 XE ARRANGED GILBERT S
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

HCI DESIGN,IMPLEMNT HCI 598 3 CREDITS
 Prereq: 21 CREDITS IN HCI OR INSTRUCTOR PERMISSN
 3368600 XE ARRANGED GILBERT S
 MEETS: JAN 9-MAY 5
 Note: PLEASE CONTACT AMY CARVER AT ACARVER@IASTATE.EDU FOR PERMISSION TO REGISTER.
 Department permission required.
 Section XE is off campus
 Course delivery is WWW

CREATIVE COMPONENT HCI 599 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN COMPUTER INTERACTION (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

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 DEVEL&HLTH HD FS 102 3 CREDITS
 3491600 XW ARRANGED ROWE N
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 3491005 1A TR 9:30-10:50 BALTIMORE D
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO COLLEGE OF HUMAN SCIENCES
 MAJORS ONLY.
 3491010 1B TR 9:30-10:50 BALTIMORE D
 MEETS: JAN 9-MAY 5
 3491020 2B MWF 8:00-8:50 HOLST M
 MEETS: JAN 9-MAY 5

PRO PRIN WRK CH&YTH HD FS 103 .5 CREDIT
 Note: CREDIT FOR EITHER HD FS 103 OR HD FS 105, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 COURSE RESTRICTED TO CH FS, ECE, P ECP, E C P,
 FCEDS MAJORS ONLY
 Satisfactory-Fail Only.
 4950005 ARRANGED LUZE G
 MEETS: JAN 9-MAY 5

PRO PRIN WRK W ADLT HD FS 105 .5 CREDIT
 Note: CREDIT FOR EITHER HD FS 103 OR HD FS 105, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 COURSE RESTRICTED TO CH FS, ECE & FCEDS MAJORS ONLY
 Satisfactory-Fail Only.
 4951005 ARRANGED LUZE G
 MEETS: JAN 9-MAY 5

NEW TRNSFR STU SMNR HD FS 111 1 CREDIT
 Prereq: CLASSIFICATION AS A CH FS, FCEDS OR
 F C P MAJOR
 Note: COURSE RESTRICTED TO CH FS, FCEDS, F C P MAJORS
 Satisfactory-Fail Only.
 7003005 M 2:10-3:00 HANSEN M
 MEETS: JAN 9-MAY 5

PRSNL FIN ERLY ADLT HD FS 183 1 CREDIT
 Satisfactory-Fail Only.
 7594600 XK ARRANGED NATION J
 MEETS: JAN 9-MAY 5
 Note: Section XK is off campus
 Course delivery is WWW
 7594605 XU ARRANGED NATION J
 MEETS: MARCH 6-MAY 5
 Note: Section XU is off campus
 Course delivery is WWW

ERLY CHLDHD ED ORIE HD FS 208 1 CREDIT
 Note: COURSE RESTRICTED TO ECE MAJORS ONLY
 Satisfactory-Fail Only.
 4390005 T 8:00-8:50 SHARP L
 MEETS: JAN 9-MAY 5

PRO ORIENT&SRVC LRN HD FS 218 2 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN
 HD FS 102. CLASSIFICATION AS A CH FS MAJOR.
 Note: COURSE RESTRICTED TO CH FS MAJORS ONLY
 Satisfactory-Fail Only.
 2190005 W 12:10-2:00 POPILLION A
 MEETS: JAN 9-MAY 5

CHILD DEVELP&HEALTH HD FS 223 3 CREDITS
 1239005 TR 12:40-2:00 CLUCAS M
 MEETS: JAN 9-MAY 5

DEVELPMT BIRTH-8YRS HD FS 224 3 CREDITS
 Prereq: HD FS 102 AND HD FS 103
 Note: LAB PLACEMENT ASSIGNED AT FIRST LECTURE.
 Department permission required 1st week.
 7011005 1 TR 12:40-2:00 HUGHES-BELDING K
 M 9:00-11:00 HUGHES-BELDING K
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS MAJORS.
 7011010 2 TR 12:40-2:00 HUGHES-BELDING K
 T 9:00-11:00 HUGHES-BELDING K
 MEETS: JAN 9-MAY 5
 Note: SEC 2 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
 7011015 3 TR 12:40-2:00 HUGHES-BELDING K
 W 9:00-11:00 HUGHES-BELDING K
 MEETS: JAN 9-MAY 5
 Note: SEC 3 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
 7011020 4 TR 12:40-2:00 HUGHES-BELDING K
 R 9:00-11:00 HUGHES-BELDING K
 MEETS: JAN 9-MAY 5
 Note: SEC 4 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
 7011025 5 TR 12:40-2:00 HUGHES-BELDING K
 F 9:00-11:00 HUGHES-BELDING K
 MEETS: JAN 9-MAY 5
 Note: SEC 5 RESTRICTED TO CH FS, ECE, FCEDS MAJORS

DEVELPMT BIRTH-8YRS HD FS 224 3 CREDITS
 7011030 6 TR 12:40-2:00 HUGHES-BELDING K
 M 3:10-5:00 HUGHES-BELDING K
 MEETS: JAN 9-MAY 5
 Note: SEC 6 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
 7011035 7 TR 12:40-2:00 HUGHES-BELDING K
 T 3:10-5:00 HUGHES-BELDING K
 MEETS: JAN 9-MAY 5
 Note: SEC 7 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
 7011040 8 TR 12:40-2:00 HUGHES-BELDING K
 W 3:10-5:00 HUGHES-BELDING K
 MEETS: JAN 9-MAY 5
 Note: SEC 8 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
 7011045 9 TR 12:40-2:00 HUGHES-BELDING K
 R 3:10-5:00 HUGHES-BELDING K
 MEETS: JAN 9-MAY 5
 Note: SEC 9 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
 7011050 10 TR 12:40-2:00 HUGHES-BELDING K
 F 3:10-5:00 HUGHES-BELDING K
 MEETS: JAN 9-MAY 5
 Note: SEC 10 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
 7011055 11 TR 12:40-2:00 WELTER N
 M 9:00-11:00 WELTER N
 MEETS: JAN 9-MAY 5
 7011060 12 TR 12:40-2:00 WELTER N
 T 9:00-11:00 WELTER N
 MEETS: JAN 9-MAY 5
 7011065 13 TR 12:40-2:00 WELTER N
 W 9:00-11:00 WELTER N
 MEETS: JAN 9-MAY 5
 7011070 14 TR 12:40-2:00 WELTER N
 R 9:00-11:00 WELTER N
 MEETS: JAN 9-MAY 5
 7011075 15 TR 12:40-2:00 WELTER N
 F 9:00-11:00 WELTER N
 MEETS: JAN 9-MAY 5
 7011080 16 TR 12:40-2:00 WELTER N
 M 3:10-5:00 WELTER N
 MEETS: JAN 9-MAY 5
 7011085 17 TR 12:40-2:00 WELTER N
 T 3:10-5:00 WELTER N
 MEETS: JAN 9-MAY 5
 7011090 18 TR 12:40-2:00 WELTER N
 W 3:10-5:00 WELTER N
 MEETS: JAN 9-MAY 5
 7011095 19 TR 12:40-2:00 WELTER N
 R 3:10-5:00 WELTER N
 MEETS: JAN 9-MAY 5
 7011100 20 TR 12:40-2:00 WELTER N
 F 3:10-5:00 WELTER N
 MEETS: JAN 9-MAY 5

ADOLESC&EMRGING ADU HD FS 227 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 6972005 MWF 12:10-1:00 GILLETTE M
 MEETS: JAN 9-MAY 5

ADULT DEVELPMT&AGING HD FS 234 3 CREDITS
 Prereq: HD FS 102
 3401005 1 TR 2:10-3:30 MARGRETT J
 MEETS: JAN 9-MAY 5

HOUSING&CONSUMR ISS HD FS 239 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3494005 MWF 1:10-2:00 HILLMAN A
 MEETS: JAN 9-MAY 5

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 KREISCHER A
 MEETS: JAN 9-MAY 5
 2194010 A2 TR 3:40-5:00 KREISCHER A
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN CH FS, ECE, EL ED,
 FCEDS
 2194015 B1 MWF 3:10-4:00 CAMP R
 MEETS: JAN 9-MAY 5
 2194020 B2 MWF 3:10-4:00 CAMP R
 MEETS: JAN 9-MAY 5
 Note: SEC B2 FOR MAJORS OTHER THAN CH FS, ECE, EL ED,
 FCEDS

PRNT&FAM DVRSTY ISS HD FS 249 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2207005 1 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS &
 F C P MAJORS ONLY.
 2207010 2 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 Note: SEC 2 FOR MAJORS OTHER THAN CH FS, ECE, FCEDS,
 F C P

FAMILY CMM&RELATNSH HD FS 270 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, F C P
 MAJORS ONLY
 Meets U.S. diversity reqmt
 7012005 1 MWF 11:00-11:50 JORDAN T
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 Note: SEC 1 RESTRICTED TO CH FS, F C P, FCEDS
 MAJORS ONLY
 3496010 2 TR 12:40-2:00 POPILLION A
 MEETS: JAN 9-MAY 5
 3496015 3 TR 11:00-12:20 BALTIMORE D
 MEETS: JAN 9-MAY 5
 3496600 XJ ARRANGED STUHLSATZ G
 MEETS: JAN 9-MAY 5
 Note: Section XJ is off campus
 Course delivery is WWW
 3496605 XV ARRANGED BAEK Y
 MEETS: JAN 9-MAY 5
 Note: Section XV is off campus
 Course delivery is WWW
 3496610 XW ARRANGED GILLETTE M
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 PRSNL&FAMILY FINANC HD FS 283 3 CREDITS
 3499005 1 MWF 1:10-2:00 KARRAKER A
 MEETS: JAN 9-MAY 5
 3499600 XW ARRANGED NATION J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 FIELD EXPERIENCES HD FS 317 1- 6 CREDITS
 Prereq: 9 CREDITS IN HD FS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 HONORS FIELD EXPRNC HD FS 317H 1- 6 CREDITS
 Prereq: 9 CREDITS IN HD FS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 ASS'MT&CUR:BRTH-2YR HD FS 340 4 CREDITS
 Prereq: HD FS 103, HD FS 224, ADMISSION TO
 TEACHER EDUCATION PROGRAM
 Note: LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST
 LECTURE CLASS.
 8686005 1 TR 3:40-4:55 LIPPARD C
 M 9:00-12:00 LIPPARD C
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 8686010 2 TR 3:40-4:55 LIPPARD C
 T 9:00-12:00 LIPPARD C
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 8686015 3 TR 3:40-4:55 LIPPARD C
 W 9:00-12:00 LIPPARD C
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 8686020 4 TR 3:40-4:55 LIPPARD C
 R 9:00-12:00 LIPPARD C
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 8686025 5 TR 3:40-4:55 LIPPARD C
 F 9:00-12:00 LIPPARD C
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 GUIDNC&GRP ERLY CHD HD FS 342 3 CREDITS
 Prereq: HD FS 103, HD FS 224
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS MAJORS.
 LAB LOCATIONS ASSIGNED AT FIRST LECTURE.
 Department permission required 1st week.
 3414005 1 TR 2:10-3:00 CHOI J
 M 12:10-1:00 CHOI J
 MEETS: JAN 9-MAY 5
 3414010 2 TR 2:10-3:00 CHOI J
 T 12:10-1:00 CHOI J
 MEETS: JAN 9-MAY 5
 3414015 3 TR 2:10-3:00 CHOI J
 W 12:10-1:00 CHOI J
 MEETS: JAN 9-MAY 5
 3414020 4 TR 2:10-3:00 CHOI J
 R 12:10-1:00 CHOI J
 MEETS: JAN 9-MAY 5
 3414025 5 TR 2:10-3:00 CHOI J
 F 12:10-1:00 CHOI J
 MEETS: JAN 9-MAY 5
 3414030 6 TR 2:10-3:00 CHOI J
 M 3:10-4:00 CHOI J
 MEETS: JAN 9-MAY 5
 3414035 7 TR 2:10-3:00 CHOI J
 T 3:10-4:00 CHOI J
 MEETS: JAN 9-MAY 5
 3414040 8 TR 2:10-3:00 CHOI J
 W 3:10-4:00 CHOI J
 MEETS: JAN 9-MAY 5
 3414045 9 TR 2:10-3:00 CHOI J
 R 3:10-4:00 CHOI J
 MEETS: JAN 9-MAY 5
 3414050 10 TR 2:10-3:00 CHOI J
 F 3:10-4:00 CHOI J
 MEETS: JAN 9-MAY 5

ASESMT&PROG:AGE 3-6 HD FS 343 4 CREDITS
 Prereq: HD FS 103, HD FS 224, HD FS 240,
 ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: COURSE LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST
 LECTURE CLASS.
 2205005 1 TR 3:40-5:00 COLBERT K
 M 9:00-12:00 COLBERT K
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 2205010 2 TR 3:40-5:00 COLBERT K
 T 9:00-12:00 COLBERT K
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 2205015 3 TR 3:40-5:00 COLBERT K
 W 9:00-12:00 COLBERT K
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 2205020 4 TR 3:40-5:00 COLBERT K
 R 9:00-12:00 COLBERT K
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 2205025 5 TR 3:40-5:00 COLBERT K
 F 9:00-12:00 COLBERT K
 MEETS: JAN 9-MAY 5
 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.
 1351005 1 TR 9:30-10:50 SHEDD C
 M 2:10-5:30 SHEDD C
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 1351010 2 TR 9:30-10:50 SHEDD C
 T 2:10-5:30 SHEDD C
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 1351015 3 TR 9:30-10:50 SHEDD C
 W 2:10-5:30 SHEDD C
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 1351020 4 TR 9:30-10:50 SHEDD C
 R 2:10-5:30 SHEDD C
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 1351025 5 TR 9:30-10:50 SHEDD C
 F 2:10-5:30 SHEDD C
 MEETS: JAN 9-MAY 5
 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 MAJORS ONLY
 4449005 TR 12:40-2:00 SHEDD C
 MEETS: JAN 9-MAY 5
 ABUSE&ILL IN FAMILI HD FS 367 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 9193005 1 MWF 11:00-11:50 TAYLOR A
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS, F C P
 MAJORS ONLY
 9193600 XW ARRANGED KAVANAUGH S
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 INTRO TO HD FS RSRCH HD FS 369 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230; 9 HOURS IN
 HD FS; JUNIOR OR SENIOR CLASSIFICATION
 3343005 1 MWF 10:00-10:50 GUDMUNSON C
 M 8:00-8:50 GUDMUNSON C
 MEETS: JAN 9-MAY 5
 3343010 2 MWF 10:00-10:50 GUDMUNSON C
 W 8:00-8:50 GUDMUNSON C
 MEETS: JAN 9-MAY 5
 3343015 3 MWF 10:00-10:50 GUDMUNSON C
 F 8:00-8:50 GUDMUNSON C
 MEETS: JAN 9-MAY 5
 DEATH PART OF LIVNG HD FS 373 3 CREDITS
 Prereq: HD FS 102
 3505600 XW ARRANGED SAMPLE G
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 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 2:10-3:00 GUDMUNSON C
 MEETS: JAN 9-MAY 5
 CHLD, FAM&PUB POLCY HD FS 395 3 CREDITS
 Prereq: HD FS 369 OR EQUIVALENT
 1155005 1 MWF 9:00-9:50 ROUSE H
 MEETS: JAN 9-MAY 5

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

SUP TCH EARLY SP ED HD FS 417C 8 CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION PROGRAM, HD FS 455; HD FS 456
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2213005 1A ARRANGED KROGH J
 MEETS: JAN 9-MARCH 3
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.

2213015 1R ARRANGED COLBERT K
 MEETS: JAN 9-MARCH 3
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.

2213010 2A ARRANGED KROGH J
 MEETS: MARCH 6-MAY 5
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

2213020 2R ARRANGED COLBERT K
 MEETS: MARCH 6-MAY 5
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

PRO PRAC RFLCT:TCHG HD FS 418A .5 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN HD FS 417
 Satisfactory-Fail Only.
 4952005 ARRANGED KROGH J
 MEETS: JAN 9-MAY 5

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 9-MAY 5

PRG EVAL&PROPOS WRI HD FS 449 3 CREDITS
 Prereq: HD FS 369
 Note: COURSE RESTRICTED TO CH FS, F C P, FCEDS, KIN JR & SR'S ONLY
 2221005 1 TR 11:00-12:15 GILLIGAN M
 MEETS: JAN 9-MAY 5
 2221010 2 MWF 12:10-1:00 ZARLING A
 MEETS: JAN 9-MAY 5

CURR--AGES 3 THRU 6 HD FS 455 4 CREDITS
 Prereq: HD FS 343, HD FS 345, SP ED 355 AND SP ED 455
 Note: BACKGROUND CHECK IS REQUIRED - ASSOCIATED COSTS ARE THE RESPONSIBILITY OF THE STUDENT.
 2222005 1 TR 12:40-2:00 KROGH J
 M 8:00-11:50 KROGH J
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 2222010 2 TR 12:40-2:00 KROGH J
 T 8:00-11:50 KROGH J
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 2222015 3 TR 12:40-2:00 KROGH J
 R 8:00-11:50 KROGH J
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.
 2222020 4 TR 12:40-2:00 KROGH J
 F 8:00-11:50 KROGH J
 MEETS: JAN 9-MAY 5
 Note: Department permission required 1st week.

BUILD PARTNERSH&FAM HD FS 456 3 CREDITS
 Prereq: HD FS 340 OR HD FS 344; OR PERMISSION OF INSTRUCTOR
 7563005 1 TR 2:10-3:30 SHEDD C
 MEETS: JAN 9-MAY 5

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 HILLMAN A
 MEETS: JAN 9-MAY 5
 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 369 OR EQUIVALENT; 9 HOURS IN SOCIAL SCIENCES; JUNIOR OR SENIOR STATUS
 3524005 1 TR 12:40-2:00 SCHOFIELD T
 MEETS: JAN 9-MAY 5

ESTATE PLN FAMILIES HD FS 484 3 CREDITS
 Prereq: HD FS 283
 4052005 M 5:30-8:30PM KARRAKER A
 MEETS: JAN 9-MAY 5

CAPSTONE FAM FINANC HD FS 485 3 CREDITS
 Prereq: HD FS 283, HD FS 378, HD FS 383, HD FS 484, HD FS 488, ACCT 485, FIN 361
 4049005 W 6:10-9:00PM FOX J
 MEETS: JAN 9-MAY 5

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

ADMIN PRGS CHLD&FAM HD FS 486 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION; 6 CREDITS IN HD FS AT 300 LEVEL AND ABOVE
 Note: COURSE RESTRICTED TO CH FS, FCEDS MAJORS ONLY
 3619005 MWF 1:10-2:00 VAN RYSWYK J
 MEETS: JAN 9-MAY 5

FINANCIAL COUNSELNG HD FS 489 2- 3 CREDITS
 Prereq: HD FS 283
 3537005 MWF 10:00-10:50 NATION J
 MEETS: JAN 9-MAY 5

FINANC COUNSEL LAB HD FS 489L 2 CREDITS
 Prereq: HD FS 489, INSTRUCTOR PERMISSION
 8102005 1 ARRANGED NATION J
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY HD FS 490 VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H VAR. CREDITS
 Prereq: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4- 9 CREDITS
 Prereq: HD FS 418B; PERMISSION OF INSTRUCTOR; SENIOR CLASSIFICATION; MINIMUM 2.0 GPA; RESERVATION REQUIRED ONE SEMESTER BEFORE PLACEMENT
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HD FS 499 1- 6 CREDITS
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSED TO WORK, CONSULT DEPARTMENT OFFICE FOR PROCEDURES
 ***** SEE DEPT FOR REFERENCE NUMBERS

APP QNTVE RSRCH MTH HD FS 505 3 CREDITS
 Prereq: HD FS 503 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO HD FS MAJORS ONLY
 7057005 1 M 12:30-3:30, ARRANGED DORIOUS C
 MEETS: JAN 9-MAY 5
 7057010 2 M 12:30-3:30, ARRANGED DORIOUS C
 MEETS: JAN 9-MAY 5
 Note: SEC 2 FOR MAJORS OTHER THAN HD FS

FAMILY THEORY HD FS 511 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR
 7701005 1 W 9:00-11:40 GILLIGAN M
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO HD FS MAJORS ONLY
 7701010 2 W 9:00-11:40 GILLIGAN M
 MEETS: JAN 9-MAY 5
 Note: SEC 2 FOR MAJORS OTHER THAN HD FS

HOUSING&FINANC PLAN HD FS 541 3 CREDITS
 3624600 XW ARRANGED FOX J
 MEETS: JAN 9-MAY 5
 Note: STUDENTS ACCEPTED INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE. PLEASE ADD YOUR NAME TO THE WAITLIST: [HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST](http://www.online.hs.iastate.edu/waitlist)
 Course delivery is WWW
 Section XW is off campus
 Course delivery is WWW

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 HILLMAN A
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

AGING IN FAMLY SETT HD FS 577 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR
 3557600 XW ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

FAMILY WELL-BEING HD FS 579 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR
 3559600 XW ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

PROGRAM EVALUATION HD FS 585 3 CREDITS
 Prereq: 6 CREDITS IN GRADUATE LEVEL SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR
 5806005 1 T 1:10-4:00 ZARLING A
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO HD FS MAJORS ONLY
 5806010 2 T 1:10-4:00 ZARLING A
 MEETS: JAN 9-MAY 5
 5806600 XE T 1:10-4:00 ZARLING A
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is Videostreaming

FINANCIAL COUNSELNG HD FS 589 2 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7583005 MWF 10:00-10:50 GUDMUNSON C
 MEETS: JAN 9-MAY 5

FINANC COUNSEL LAB HD FS 589L 2 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 3510005 1 ARRANGED FOX J
 MEETS: JAN 9-MAY 5

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

MULTILEVEL MODELING HD FS 605 3 CREDITS
 Prereq: HD FS 503 AND HD FS 505 OR STAT 404
 OR PERMISSION OF INSTRUCTOR
 4472005 W 1:10-4:00 RUSSELL D
 MEETS: JAN 9-MAY 5

MIXED METHODS HD FS 607 3 CREDITS
 Prereq: HD FS 503, HD FS 504, HD FS 505,
 OR PERMISSION OF INSTRUCTOR
 4018005 1 R 9:00-11:50 JORDAN T
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO HD FS MAJORS ONLY
 4018010 2 R 9:00-11:50 JORDAN T
 MEETS: JAN 9-MAY 5
 Note: SEC 2 FOR MAJORS OTHER THAN HD FS
 4018600 XE R 9:00-11:50 JORDAN T
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is Videostreaming

SUPPT&INTRVN E CHLD HD FS 632 3 CREDITS
 Prereq: HD FS 510 OR PERMISSION OF INSTRUCTOR
 2266600 XW ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

BIOMARKRS&FAM RSRCH HD FS 640 3 CREDITS
 Prereq: HD FS 510 OR PERMISSION OF INSTRUCTOR
 3347005 T 9:00-11:50 SHIRTCLIFF E
 MEETS: JAN 9-MAY 5

ADV TOP HUMAN,FAMLY HD FS 690I VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSP HD FS 691A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP HD FS 691B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO EXPER INTERNSHP HD FS 691D VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 6-MAY 5
 6929010 2 T 1:10-3:00
 MEETS: MARCH 6-MAY 5
 6929015 3 W 1:10-3:00
 MEETS: MARCH 6-MAY 5
 6929020 4 M 3:10-5:00
 MEETS: MARCH 6-MAY 5
 6929025 5 T 3:10-5:00
 MEETS: MARCH 6-MAY 5
 6929030 6 W 3:10-5:00
 MEETS: MARCH 6-MAY 5

HUMAN SCIENCES (CONTINUED)

DIALOG ON DIVERSITY H SCI 150 1 CREDIT
 6929035 7 R 1:10-3:00
 MEETS: MARCH 6-MAY 5
 6929040 8 R 3:10-5:00
 MEETS: MARCH 6-MAY 5

IND STDY ENTREPRNSH H SCI 490E 1- 4 CREDITS
 5101005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

IMMUNOBIOLOGY

SEMINAR IMMUNOBIOLG IMBIO 604 1 CREDIT
 5949005 ARRANGED
 MEETS: JAN 9-MAY 5

CMPTV IMMNL&INF DIS IMBIO 661 2 CREDITS
 Prereq: GRADUATE-LEVEL IMMUNOLOGY OR PERMISSION
 OF INSTRUCTOR
 3038005 ARRANGED JONES D
 MEETS: JAN 9-MAY 5

GRAD RSEARCH ROTATN IMBIO 697 VAR. CREDITS
 5991005 ARRANGED
 MEETS: JAN 9-MAY 5

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 NEUBAUER D
 MEETS: JAN 9-MAY 5
 5972010 2 MWF 1:10-4:30 NEUBAUER D
 MEETS: JAN 9-MAY 5
 5972015 3 MWF 1:10-4:30 KARGOL M
 MEETS: JAN 9-MAY 5
 5972020 4 MWF 9:00-12:20 KARGOL M
 MEETS: JAN 9-MAY 5

CREATIV THINK IND D IND D 232 3 CREDITS
 Prereq: IND D 231
 5962005 TR 9:30-10:45 DHADPHALE T
 MEETS: JAN 9-MAY 5
 Note: OPEN SECTION RESTRICTED TO IND D MAJORS ONLY
 5962010 2 TR 9:30-10:45 DHADPHALE T
 MEETS: JAN 9-MAY 5
 Note: SEC 2 FOR MAJORS OTHER THAN IND D

INDUS DSGN STDIO IV IND D 302 6 CREDITS
 Prereq: IND D 301 OR PERMISSION OF INSTRUCTOR
 6020005 1 MWF 9:00-12:20 GARZA-GONZALEZ M
 MEETS: JAN 9-MAY 5
 6020010 2 MWF 1:10-4:30 GARZA-GONZALEZ M
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 Note: OPEN SECTION RESTRICTED TO IND D MAJORS ONLY
 9613010 2 TR 2:10-3:25 PRINDLE W
 MEETS: JAN 9-MAY 5
 Note: SEC 2 FOR MAJORS OTHER THAN IND D

CPTR-AID INDUS DS I IND D 341 3 CREDITS
 Prereq: IND D 301
 6026005 1 TR 11:00-2:00 EVANS P
 MEETS: JAN 9-MAY 5

HIST INDUS DSIGN II IND D 388 3 CREDITS
 Prereq: 30 CREDITS EARNED AT ISU
 2614005 TR 9:30-10:50 MICKELSON A
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 Note: Instructor permission required.

SENIOR PROJECT IND D 499 6 CREDITS
 Prereq: IND D 495 OR IND D 507; SENIOR STANDING
 3037005 1 MWF 9:00-12:20 HERRNSTADT S
 MEETS: JAN 9-MAY 5
 3037010 2 MWF 9:00-12:20 BARNHART B
 MEETS: JAN 9-MAY 5
 3037015 3 MWF 1:10-4:20
 MEETS: JAN 9-MAY 5
 3037020 4 MWF 1:10-4:20
 MEETS: JAN 9-MAY 5

INDUSTRIAL DESIGN (CONTINUED)

INDUSTRIAL ENGINEERING (CONTINUED)

INDU STDO INTNSV II IND D 502 6 CREDITS
 Prereq: ADMISSION INTO THE INDUSTRIAL DESIGN
 GRADUATE INTENSIVE TRACK OR GRADUATE STANDING IN
 THE INDUSTRIAL DESIGN PROGRAM
 6862005 MWF 9:00-12:20
 MEETS: JAN 9-MAY 5

INDUS DSN PRACTICUM IND D 507 6 CREDITS
 Prereq: EVIDENCE OF SATISFACTORY EXPERIENCE IN
 AREA OF SPECIALIZATION; APPROVAL OF PRACTICUM
 APPLICATION AND WRITTEN PERMISSION OF INSTRUCTOR ONLY
 6966005 MWF 1:10-4:20
 MEETS: JAN 9-MAY 5

DESIGN THINKING IND D 532 3 CREDITS
 Prereq: ADMISSION TO THE GRADUATE INTENSIVE
 TRACK OR GRADUATE STANDING IN THE INDUSTRIAL
 DESIGN PROGRAM
 3113005 TR 9:30-10:45 DHADPHALE T
 MEETS: JAN 9-MAY 5

PRODUCT REALIZATION IND D 534 3 CREDITS
 Prereq: ADMISSION INTO THE INDUSTRIAL DESIGN
 INTENSIVE TRACK, IND D 301, OR PERMISSION OF
 INSTRUCTOR
 9636005 TR 2:10-3:25 PRINDLE W
 MEETS: JAN 9-MAY 5

CPTR AIDED INDU DSN IND D 541 3 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
 OR PERMISSION OF INSTRUCTOR
 3135005 MW 3:10-6:10PM HERRNSTADT S
 MEETS: JAN 9-MAY 5

PORTFOLIO&PRO PRCTC IND D 543 3 CREDITS
 Prereq: SENIOR OR GRAD STANDING IN IND D PROGRAM
 3176005 TR 9:30-10:50 PAEPCKE-HJELTNES
 MEETS: JAN 9-MAY 5

SPECIAL TOPICS IND D 590 3 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
 OR PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROJECTS IND D 592 VAR. CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR
 PERMISSION OF INSTRUCTOR
 Note: OFFERED FOR 6 CREDITS SPRING 2016
 4181005 ARRANGED KARGOL M
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

STUDY ABROAD OPTION IND D 595 6 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR
 PERMISSION OF INSTRUCTOR
 3211005 ARRANGED
 MEETS: JAN 9-MAY 5

INTERNSHIP IND D 597 6 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
 OR PERMISSION OF INSTRUCTOR
 9463005 ARRANGED
 MEETS: JAN 9-MAY 5

GRADUATE PROJECT II IND D 602 6 CREDITS
 Prereq: IND D 601
 7674005 ARRANGED RINGHOLZ D
 MEETS: JAN 9-MAY 5

THESIS PREPARATION IND D 632 3 CREDITS
 Prereq: IND D 631
 3001005 TR 11:00-12:20 HERRNSTADT S
 MEETS: JAN 9-MAY 5

INDUSTRIAL ENGINEERING

INDUS ENGR PROFESSN I E 101 R CREDIT
 Satisfactory-Fail Only.
 4402005 T 3:10-4:00 FRANK M
 MEETS: JAN 9-MAY 5

INFO ENGINEERING I E 148 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 143
 Note: COURSE RESTRICTED TO I E MAJORS ONLY. CREDIT
 IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED
 TOWARD GRADUATION: I E 148, ENGR 160, AER E 160,
 A B E 160, C E 160, M E 160, CPR E 185, E E 185,
 S E 185.
 5037005 A TR 10:00-11:50 GILBERT S
 MEETS: JAN 9-MAY 5
 5037010 B TR 12:10-2:00
 MEETS: JAN 9-MAY 5

METHDS SYS IMPRVMTS I E 222 3 CREDITS
 Prereq: I E 248; CREDIT OR ENROLLMENT IN I E 271
 Note: COURSE RESTRICTED TO I E MAJORS ONLY
 5140005 A TR 2:10-3:30 POTTER L
 MEETS: JAN 9-MAY 5
 5140010 B TR 12:40-2:00 POTTER L
 MEETS: JAN 9-MAY 5

APP ERGON& WORK DSN I E 271 3 CREDITS
 Prereq: PHYS 221
 Note: COURSE RESTRICTED TO I E MAJORS ONLY
 5169005 1 MWF 10:00-10:50 STONE R
 MEETS: JAN 9-MAY 5
 5169010 2 MWF 3:10-4:00 MIRKA G
 MEETS: JAN 9-MAY 5

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.
 4425005 A1 MWF 1:10-2:00 MACKENZIE C
 MEETS: JAN 9-MAY 5
 4425010 A2 MWF 1:10-2:00 MACKENZIE C
 MEETS: JAN 9-MAY 5
 4425015 B1 TR 12:40-2:00 RYAN S
 MEETS: JAN 9-MAY 5
 4425020 B2 TR 12:40-2:00 RYAN S
 MEETS: JAN 9-MAY 5

SOLIDIFICATN PROCES I E 348 3 CREDITS
 Prereq: I E 248 AND MAT E 273, OR MAT E 215
 Note: COURSE RESTRICTED TO I E, MAT E ONLY, OTHER
 MAJORS BY PERMISSION OF INSTRUCTOR. LECTURE MEETS
 30 OF 45 PERIODS. SEE SYLLABUS. 2-PART COURSE.
 REGISTER FOR NUMBERED SECTION FIRST AND THEN
 LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR
 BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE
 COURSE DUE TO INCOMPLETE REGISTRATION.
 5810200 1 MWF 9:00-9:50 PETERS F
 MEETS: JAN 9-MAY 5
 5810205 2 MWF 10:00-10:50 PETERS F
 MEETS: JAN 9-MAY 5
 5810005 A T 8:00-9:50
 MEETS: JAN 9-MAY 5
 5810010 B R 8:00-9:50
 MEETS: JAN 9-MAY 5
 5810015 C T 10:00-11:50
 MEETS: JAN 9-MAY 5
 5810020 D R 10:00-11:50
 MEETS: JAN 9-MAY 5
 5810025 E T 1:10-3:00
 MEETS: JAN 9-MAY 5
 5810030 F R 1:10-3:00
 MEETS: JAN 9-MAY 5
 5810035 G M 1:10-3:00
 MEETS: JAN 9-MAY 5
 5810040 J W 1:10-3:00
 MEETS: JAN 9-MAY 5
 5810045 K F 1:10-3:00
 MEETS: JAN 9-MAY 5
 5810050 L M 3:10-5:00
 MEETS: JAN 9-MAY 5
 5810055 M T 3:10-5:00
 MEETS: JAN 9-MAY 5
 5810060 N W 3:10-5:00
 MEETS: JAN 9-MAY 5
 5810065 P R 3:10-5:00
 MEETS: JAN 9-MAY 5

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 NORDMAN D
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO I E & STAT MAJORS ONLY
 4416010 B R 3:40-5:30 NORDMAN D
 MEETS: JAN 9-MAY 5

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: I E 298, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING (CONTINUED)

INDUSTRIAL ENGINEERING (CONTINUED)

INTR SUSTNB PROD SY I E 403 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN I E 341
 3136005 TR 2:10-3:30 MIN K
 MEETS: JAN 9-MAY 5

ADV ENG ECNMY:CMPLX I E 405X 3 CREDITS
 Prereq: I E 305, MATH 265, MATH 267, STAT 231
 9836005 TR 12:40-1:55 MIN K
 MEETS: JAN 9-MAY 5

INDUSTR ENGR DESIGN I E 441 3 CREDITS
 Prereq: I E 248, I E 271, I E 361; CREDIT OR ENROLLMENT IN 341, 413, AND 448
 Note: COURSE RESTRICTED TO I E, IMSE MAJORS ONLY
 4432005 A M 2:10-3:00 SLY D
 MWF 12:10-2:00 SLY D
 MEETS: JAN 9-MAY 5

4432010 B M 2:10-3:00 SLY D
 MWF 3:10-5:00 SLY D
 MEETS: JAN 9-MAY 5

4432015 C M 2:10-3:00 SLY D
 MWF 9:00-10:50 SLY D
 MEETS: JAN 9-MAY 5

BIOMED DESIGN & MFG I E 447 3 CREDITS
 Prereq: TWO SEMESTERS OR LESS BEFORE GRADUATION
 2886005 T 3:40-6:30PM RIVERO I
 MEETS: JAN 9-MAY 5

MANUFACT SYSTM ENGR I E 448 3 CREDITS
 Prereq: I E 248, I E 305
 6090005 A MWF 11:00-11:50 JACKMAN J
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO I E MAJORS ONLY.

ENGRS TECHN SALES I I E 450 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN I E 305
 8885005 A M 6:10-9:00PM MEYER Q
 MEETS: JAN 9-MAY 5

TECHNICAL SALES II I E 451 3 CREDITS
 Prereq: I E 450
 9088005 A M 6:10-9:00PM BERRY S
 MEETS: JAN 9-MAY 5

MULTIDISC ENGR DSGN I E 466 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR
 1902005 A MWF 3:10-5:00
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY I E 490 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I E 490H 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
 UNIV HONORS PROGRAM MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN I E 498 R CREDIT
 Prereq: I E 298, PERMISSON 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 9-MAY 5

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 9-MAY 5

ADV ENG ECNMY:CMPLX I E 505X 3 CREDITS
 Prereq: I E 305, MATH 265, MATH 267, STAT 231
 9835005 TR 12:40-1:55
 MEETS: JAN 9-MAY 5

NETWORK ANALYSIS I E 510 3 CREDITS
 Prereq: I E 312
 4448005 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

PRODUCTION SCHEDULG I E 514 3 CREDITS
 Prereq: I E 312, I E 341
 4451005 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

SIMULATN MODEL&ANLY I E 519 3 CREDITS
 Prereq: COM S 311, STAT 401
 4454005 A TR 9:30-10:50
 MEETS: JAN 9-MAY 5

RELIABILITY I E 533 3 CREDITS
 Prereq: STAT 342 OR STAT 432 OR STAT 447
 4458005 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

BIOMED DESIGN & MFG I E 547 3 CREDITS
 Prereq: TWO SEMESTERS OR LESS UNTIL GRADUATION
 2899005 A T 3:40-6:30PM
 MEETS: JAN 9-MAY 5

DECISN ANLY SYS DSN I E 564 3 CREDITS
 Prereq: COURSE IN PROBABILITY AND STATISTICS
 9833005 TR 8:00-9:15
 MEETS: JAN 9-MAY 5

SYST ENGR &ANALYSIS I E 565 3 CREDITS
 Prereq: COURSEWORK IN BASIC STATISTICS
 Note: I E MAJORS MAY NOT APPLY CREDIT IN I E/E E/AER E 565 TOWARD DEGREE REQUIREMENTS
 8932005 A TR 11:00-12:20
 MEETS: JAN 9-MAY 5

SYS ENGR&PROJCT MGT I E 570 3 CREDITS
 Prereq: COURSEWORK IN BASIC STATISTICS
 6113005 R 6:00-9:00PM
 MEETS: JAN 9-MAY 5

OCCUPATN BIOMECHNCS I E 571 3 CREDITS
 Prereq: EM 274, STAT 231
 2545005 A M 6:10-9:00PM
 MEETS: JAN 9-MAY 5

HUMAN-CPTR INTERACT I E 572 3 CREDITS
 Prereq: I E 577 OR INSTRUCTOR'S PERMISSION
 5310005 TR 8:00-9:15 DORNEICH M
 MEETS: JAN 9-MAY 5

KNOWLEDGE DISCOVERY I E 583 3 CREDITS
 Prereq: I E 148, I E 312, STAT 231
 7176005 MWF 10:00-10:50 OLAFSSON S
 MEETS: JAN 9-MAY 5

REQUIREMNTS ENGRING I E 585 3 CREDITS
 Prereq: 3 CREDITS IN INFORMATION TECHNOLOGY OR INFORMATION SYSTEMS
 8181005 A TR 2:10-3:25
 MEETS: JAN 9-MAY 5

SPECIAL TOPICS I E 590 1- 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PHD RSEARCH 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 9-MAY 5

NONLINEAR PROGRAMNG I E 631 3 CREDITS
 Prereq: I E 534
 4483005 A TR 12:40-2:00
 MEETS: JAN 9-MAY 5

COMPUTNL OPTIMIZATN I E 634 3 CREDITS
 Prereq: I E 534 OR EQUIVALENT
 4261005 A TR 11:00-12:15 WANG L
 MEETS: JAN 9-MAY 5

ADVANCED TOPICS I E 690 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP I E 697 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT
 Note: Department permission required.
 Satisfactory-Fail Only.
 7999005 ARRANGED
 MEETS: JAN 9-MAY 5

RESEARCH I E 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INFORMATION ASSURANCE

INTR CMPTR SECURITY INFAS 131 1 CREDIT
 Satisfactory-Fail Only.
 3495005 A MW 11:00-11:50
 MEETS: JAN 9-MARCH 3

INFORMATION ASSURANCE (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

CYBER DEFENS COMPET INFAS 332 1 CREDIT
 Satisfactory-Fail Only.
 2749005 ARRANGED
 MEETS: JAN 9-MAY 5

INFORMATION WARFARE INFAS 532 3 CREDITS
 Prereq: CPR E 531
 8092005 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

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 9:00-9:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

STEGANO&DGT FORNSC INFAS 535 3 CREDITS
 Prereq: MATH 307 OR COM S 330 OR E E 524
 8509005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 8509600 XW ARRANGED NEWMAN J
 MEETS: JAN 9-APRIL 28
 Note: Section XW is off campus
 Course delivery is WWW

RVRS ENGR&SECUR TST INFAS 538 3 CREDITS
 Prereq: COM S 321 OR CPR E 381, COM S 352
 OR CPR E 308
 2788005 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

SEMNR INFO ASSURANC INFAS 592 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5025005 1 ARRANGED
 MEETS: JAN 9-MAY 5

INFO ASSUR CAPSTONE INFAS 632 3 CREDITS
 Prereq: CPR E 531, CPR E 532, CPR E 534
 1893005 ARRANGED
 MEETS: JAN 9-MAY 5

INTEGRATED STUDIO ARTS

CRTV VISUAL THINKNG ARTIS 201 3 CREDITS
 7938005 A ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED DSN S, DES MAJORS ONLY
 Course delivery is WWW
 7938010 B ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC B FOR MAJORS OTHER THAN THE DESIGN
 COLLEGE
 Course delivery is WWW
 7938015 C ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW
 7938020 D ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW

STUDIO FNDMTLS:WOOD ARTIS 202 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9264005 A1 MW 8:00-10:20
 F 8:00-10:20
 MEETS: JAN 9-MARCH 3
 9264010 A2 MW 8:00-10:20
 F 8:00-10:20
 MEETS: JAN 9-MARCH 3
 9264015 B1 MW 8:00-10:20
 F 8:00-10:20
 MEETS: MARCH 6-MAY 5
 9264020 B2 MW 8:00-10:20
 F 8:00-10:20
 MEETS: MARCH 6-MAY 5

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
 F 1:10-3:30
 MEETS: JAN 9-MARCH 3
 9272010 A2 MW 1:10-3:30
 F 1:10-3:30
 MEETS: JAN 9-MARCH 3
 9272015 B1 MW 1:10-3:30
 F 1:10-3:30
 MEETS: MARCH 6-MAY 5
 9272020 B2 MW 1:10-3:30
 F 1:10-3:30
 MEETS: MARCH 6-MAY 5

STUDIO FUND:CERAMICS ARTIS 204 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9253005 A1 MW 3:40-6:00PM
 F 3:40-6:00PM
 MEETS: JAN 9-MARCH 3
 9253010 A2 MW 3:40-6:00PM
 F 3:40-6:00PM
 MEETS: JAN 9-MARCH 3
 9253015 B1 MW 3:40-6:00PM
 F 3:40-6:00PM
 MEETS: MARCH 6-MAY 5
 9253020 B2 MW 3:40-6:00PM
 F 3:40-6:00PM
 MEETS: MARCH 6-MAY 5

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 9-MARCH 3
 9255010 A2 MW 1:10-3:30
 F 1:10-3:30
 MEETS: JAN 9-MARCH 3
 9255015 B1 MW 1:10-3:30
 F 1:10-3:30
 MEETS: MARCH 6-MAY 5
 9255020 B2 MW 1:10-3:30
 F 1:10-3:30
 MEETS: MARCH 6-MAY 5

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
 MEETS: JAN 9-MAY 5
 1766010 B MW 8:00-10:50
 MEETS: JAN 9-MAY 5

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
 MEETS: JAN 9-MARCH 3
 9256010 A2 TR 2:10-5:20, ARRANGED
 MEETS: JAN 9-MARCH 3
 9256015 B1 TR 2:10-5:20, ARRANGED
 MEETS: MARCH 6-MAY 5
 9256020 B2 TR 2:10-5:20, ARRANGED
 MEETS: MARCH 6-MAY 5

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
 MEETS: JAN 9-MARCH 3
 9257010 A2 TR 2:10-5:20
 MEETS: JAN 9-MARCH 3
 9257015 B1 TR 2:10-5:20
 MEETS: MARCH 6-MAY 5
 9257020 B2 TR 2:10-5:20
 MEETS: MARCH 6-MAY 5

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
 F 8:00-10:20
 MEETS: JAN 9-MARCH 3
 9266010 A2 MW 8:00-10:20
 F 8:00-10:20
 MEETS: JAN 9-MARCH 3
 9266015 B1 MW 8:00-10:20
 F 8:00-10:20
 MEETS: MARCH 6-MAY 5
 9266020 B2 MW 8:00-10:20
 F 8:00-10:20
 MEETS: MARCH 6-MAY 5

STUDIO FUND:TEXTILE ARTIS 214 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 9269005 A MWF 3:40-6:00PM
 MEETS: JAN 9-MARCH 3
 9269010 B MWF 3:40-6:00PM
 MEETS: MARCH 6-MAY 5
 9269015 A2 MWF 3:40-6:00PM
 MEETS: JAN 9-MARCH 3
 9269020 B2 MWF 3:40-6:00PM
 MEETS: MARCH 6-MAY 5

INTEGRATED STUDIO ARTS (CONTINUED)

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS
 Prereq: DSN S 102, DSN S 131, DSN S 183,
 OR PERMISSION OF INSTRUCTOR
 Note: FOR MAJORS OTHER THAN ARTIS
 1983005 A TR 12:40-3:20
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO COLLEGE OF DESIGN MAJORS

INTR CRTV DGT PHOTO ARTIS 227H 3- 4 CREDITS
 Prereq: DSN S 102, DSN S 131 AND DSN S 183
 Note: RESTRICTED TO HONORS STUDENTS OTHER THAN ARTIS
 Instructor permission required.
 5467005 A TR 12:40-3:20
 ARRANGED
 MEETS: JAN 9-MAY 5

DRAWING II ARTIS 230 3 CREDITS
 Prereq: DSN S 102, DSN S 183 AND DSN S 131
 Note: Instructor permission required 1st week.
 1779005 A TR 8:00-10:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 1779010 B MW 8:00-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC B RESTRICTED TO COLLEGE OF DESIGN MAJORS
 1779015 C MW 1:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC C OPEN TO ALL COLLEGE MAJORS AND BPMI 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 A MW 12:10-3:00
 ARRANGED
 MEETS: JAN 9-MAY 5

INTEGRATED MEDIA ARTIS 305 3 CREDITS
 Prereq: 6 CREDITS OF 200 LEVEL STUDIO
 Note: COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS
 Instructor permission required 1st week.
 1771005 A MW 12:10-3:00
 MEETS: JAN 9-MAY 5

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 A MW 11:00-2:00 KANITKAR Y
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO COLLEGE OF DESIGN MAJORS
 & BPM I MAJORS ONLY
 6423010 B MW 11:00-2:00 KANITKAR Y
 MEETS: JAN 9-MAY 5
 Note: SEC B RESTRICTED TO ARTGR MAJORS ONLY
 6423015 C MW 6:10-9:00PM
 MEETS: JAN 9-MAY 5

SOURCES VISUAL DSGN ARTIS 310 3 CREDITS
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
 ARTID & ARTIS MAJORS ONLY.
 6432005 A1 MW 12:40-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ARTFA, ARTIS MAJORS ONLY
 6432010 A2 MW 12:40-3:30
 MEETS: JAN 9-MAY 5

SOURCES VISUAL DSGN ARTIS 310H 3- 4 CREDITS
 Prereq: ART 230
 Note: Instructor permission required.
 9379005 A MW 12:40-3:30
 ARRANGED
 MEETS: JAN 9-MAY 5

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
 MEETS: JAN 9-MAY 5

INTMD CERAMCS STDIO ARTIS 322 3 CREDITS
 Prereq: ARTIS 204
 Note: COURSE RESTRICTED TO ARTF, ARTIS MAJOR ONLY
 Instructor permission required 1st week.
 1799005 A TR 1:10-4:00
 MEETS: JAN 9-MAY 5

JEWELR/METALSMTH II ARTIS 324 3 CREDITS
 Prereq: ARTIS 203 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 7237005 A MW 9:00-11:50
 MEETS: JAN 9-MAY 5

INTEGRATED STUDIO ARTS (CONTINUED)

ILLUSTRATN&I SOFTWR ARTIS 326 3 CREDITS
 Prereq: ARTIS 323
 Note: Instructor permission required 1st week.
 1657005 A MW 6:10-9:00PM DORN J
 MEETS: JAN 9-MAY 5

CREATIVE PHOTOGRAPHY ARTIS 329 3 CREDITS
 Prereq: ARTIS 210 OR ARTIS 229 OR PERMISSION
 OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1801005 A MW 2:10-5:00
 MEETS: JAN 9-MAY 5

CREATIVE PHOTOGRAPHY ARTIS 329H 3- 4 CREDITS
 Prereq: ARTIS 210 OR ARTIS 229 OR PERMISSION
 OF INSTRUCTOR
 Note: Instructor permission required.
 5734005 A MW 2:10-5:00, ARRANGED
 MEETS: JAN 9-MAY 5

DRAW III:LIFE DRWNG ARTIS 330 3 CREDITS
 Prereq: ARTIS 230
 Note: COURSE RESTRICTED TO ARTFA, ARTIS, BPM I &
 PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1802005 A TR 11:00-2:00
 MEETS: JAN 9-MAY 5
 1802010 B TR 2:10-5:00
 MEETS: JAN 9-MAY 5

THREE-DIMENS STUDIO ARTIS 335 3 CREDITS
 1806005 TR 12:40-2:50 SHAO P
 ARRANGED
 MEETS: JAN 9-MAY 5

THREE-DIMENS STUDIO ARTIS 335H 3- 4 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Instructor permission required.
 9262005 TR 12:40-2:50 SHAO P
 ARRANGED
 MEETS: JAN 9-MAY 5

APP SCI ILLUSTR TCNQ ARTIS 337 3 CREDITS
 Prereq: ARTIS 327
 9104005 TR 2:10-5:00
 MEETS: JAN 9-MAY 5
 9104010 2 TR 11:00-1:50
 MEETS: JAN 9-MAY 5

PAINTING II ARTIS 338 3 CREDITS
 Prereq: ARTIS 238 OR ARTIS 213 AND ARTIS 230
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTID,
 ARTIS, BPM I & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 7832005 A TR 2:10-5:00
 MEETS: JAN 9-MAY 5

INTAGLIO & MONOTYPE ARTIS 357 3 CREDITS
 Prereq: ARTIS 206 AND 230
 Note: Instructor permission required 1st week.
 7469005 A MW 9:00-11:50
 MEETS: JAN 9-MAY 5
 Note: Materials and equipment use fee \$130.00

SUSTN DSN&FB FURNIT ARTIS 360 3 CREDITS
 5944005 TR 2:10-5:00
 MEETS: JAN 9-MAY 5
 Note: Materials, field trips &/or travel fee \$45.00

BFA PRO PRACTICE ARTIS 399 2 CREDITS
 Prereq: JUNIOR CLASSIFICATION IN ISA BFA CURRICULUM
 Note: COURSE RESTRICTED TO JRS & SRS
 2076005 A W 6:10-8:40PM
 MEETS: JAN 9-MARCH 3

PRIN 3D ANIMATION ARTIS 408 3 CREDITS
 Prereq: ARTIS 308
 Note: COURSE RESTRICTED COLLEGE OF DESIGN UNDERGRADS
 & BPM I MAJORS ONLY
 Instructor permission required 1st week.
 1834005 A TR 2:10-5:00
 MEETS: JAN 9-MAY 5

ADV FURNITURE DSGN ARTIS 420 3 CREDITS
 Prereq: ARTIS 320
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1838005 A TR 9:30-12:20
 MEETS: JAN 9-MAY 5

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
 MEETS: JAN 9-MAY 5

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

JEWELR/METLSMTH III ARTIS 424 3 CREDITS
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA & ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 7250005 A MW 9:00-11:50
 MEETS: JAN 9-MAY 5

JEWELR/METLSMTH III ARTIS 424H 3- 4 CREDITS
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7014005 A MW 9:00-11:50
 ARRANGED
 MEETS: JAN 9-MAY 5

ADVANCD PHOTOGRAPHY ARTIS 429 3 CREDITS
 Prereq: ARTIS 329
 1836005 A MW 2:10-5:00
 MEETS: JAN 9-MAY 5

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 & PPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1841005 A TR 9:30-12:20
 MEETS: JAN 9-MAY 5

SEQUENT NARRTV DRAW ARTIS 432X 3 CREDITS
 Prereq: UNDERGRADUATES: ARTIS 330 OR
 PERMISSION OF INSTRUCTOR AFTER PORTFOLIO REVIEW.
 GRADUATE STUDENTS: GRADUATE CLASSIFICATION AND
 PERMISSION OF INSTRUCTOR AFTER PORTFOLIO REVIEW.
 9734005 MW 3:10-6:00PM
 MEETS: JAN 9-MAY 5

PAINTING III ARTIS 438 3 CREDITS
 Prereq: ARTIS 338
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTID,
 ARTIS, BPM I, DSGNS & PPMI MAJORS ONLY.
 Instructor permission required 1st week.
 7833005 A TR 2:10-5:00
 MEETS: JAN 9-MAY 5

PAINTING III ARTIS 438H 3- 4 CREDITS
 Prereq: ARTIS 338
 Note: Instructor permission required.
 7147005 A TR 2:10-5:00, ARRANGED
 MEETS: JAN 9-MAY 5

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 A TR 9:30-12:20
 MEETS: JAN 9-MAY 5

ADVANCD PRINTMAKING ARTIS 458 3 CREDITS
 Prereq: ARTIS 356, ARTIS 357, OR ARTIS 358, AND
 PERMISSION OF INSTRUCTOR
 1840005 A MW 9:00-11:50
 MEETS: JAN 9-MAY 5

ADVANCD PRINTMAKING ARTIS 458H 3- 4 CREDITS
 Prereq: ARTIS 356, ARTIS 357, OR ARTIS 358, AND
 PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 6312005 A MW 9:00-11:50
 ARRANGED
 MEETS: JAN 9-MAY 5

VIDEO ART ARTIS 473 3 CREDITS
 Prereq: ARTIS 212 OR PERMISSION OF INSTRUCTOR
 8279005 A TR 8:00-10:50
 MEETS: JAN 9-MAY 5

TOPICS STUDIO ART ARTIS 482 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE TOPIC: SOCIAL CAPITAL- SEEING,
 MAKING, DOING.
 COURSE OFFERED FOR 3 CREDITS SPRING 2017
 1855005 MW 1:10-2:30
 MEETS: JAN 9-MAY 5

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 \$100.00
 ***** 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 SEM OF ENROLLMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU PHOTOGRAPHY ARTIS 490J 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Materials and equipment use fee \$45.00
 ***** 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

STUDIO IN EUR SEMNAR ARTIS 494 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR AND
 PLANNED ENROLLMENT IN ARTIS 495
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 1954005 A T 7:10-8:00PM
 MEETS: JAN 9-MAY 5

STUDIO INTERNSHIP ARTIS 497 1- 6 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BFA EXHIBITION ARTIS 499 1 CREDIT
 Prereq: ARTIS 399 AND SENIOR CLASSIFICATION IN
 THE ISA BFA CURRICULUM
 Note: COURSE RESTRICTED TO SENIORS
 1708005 A W 7:10-8:40PM
 MEETS: MARCH 6-MAY 5

INTEGRATED MEDIA ARTIS 505 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: Instructor permission required 1st week.
 7553005 A MW 12:10-3:00
 MEETS: JAN 9-MAY 5

CPTR AID ANIMAT&VIS ARTIS 508 3 CREDITS
 Prereq: ARTIS 408 OR GRADUATE CLASSIFICATION
 Note: COURSE RESTRICTED COLLEGE OF DESIGN
 Instructor permission required 1st week.
 8265005 A TR 2:10-5:00
 MEETS: JAN 9-MAY 5

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

ADV FURNITURE DSGN ARTIS 520 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 Note: Instructor permission required 1st week.
 1895005 A TR 9:30-12:20
 MEETS: JAN 9-MAY 5

CERAMICS STUDIO ARTIS 522 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTR PERMISSION
 1896005 A TR 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

JEWEL&DEC METAL III ARTIS 524 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 Note: Instructor permission required 1st week.
 7255005 A MW 9:00-11:50
 MEETS: JAN 9-MAY 5

ADVANCED PHOTOGRAPHY ARTIS 529 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 7399005 A MW 2:10-5:00
 MEETS: JAN 9-MAY 5

DRAWING ARTIS 530 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 Note: Instructor permission required 1st week.
 7747005 A TR 9:30-12:20
 MEETS: JAN 9-MAY 5

SEQUENT NARRTV DRAW ARTIS 532X 3 CREDITS
 Prereq: UNDERGRADUATES: ARTIS 330 OR
 PERMISSION OF INSTRUCTOR AFTER PORTFOLIO REVIEW.
 GRADUATE STUDENTS: GRADUATE CLASSIFICATION AND
 PERMISSION OF INSTRUCTOR AFTER PORTFOLIO REVIEW.
 9741005 MW 3:10-6:00PM
 MEETS: JAN 9-MAY 5

ADVANCED PAINTING ARTIS 538 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF
 INSTRUCTOR
 Note: Instructor permission required 1st week.
 7826005 A TR 2:10-5:00
 MEETS: JAN 9-MAY 5

DIGITL TXTILE DSGN ARTIS 548 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: TOPIC: DIGITAL TEXTILE DESIGN
 2451005 A TR 9:30-12:20
 MEETS: JAN 9-MAY 5

INTAGLIO&MONOTYP PR ARTIS 557 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTR PERMISSION
 Note: Instructor permission required 1st week.
 7749005 MW 9:00-11:50
 MEETS: JAN 9-MAY 5
 Note: Materials and equipment use fee \$130.00

CRITQ SEM:ENTREPRNR ARTIS 571B 2 CREDITS
 Prereq: ADMISSION INTO GRADUATE PROGRAM
 IN THE COLLEGE OF DESIGN
 1161005 T 6:10-7:40PM
 MEETS: JAN 9-MAY 5
 Note: Materials, field trips &/or travel fee
 \$25.00-\$350.00

VIDEO ART ARTIS 573 3 CREDITS
 Prereq: ARTIS 212 OR PERMISSION OF INSTRUCTOR
 2387005 A TR 8:00-10:50
 MEETS: JAN 9-MAY 5

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 \$100.00
 ***** 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 \$45.00
 ***** 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

STUDIO INTERNSHIP ARTIS 697 VAR. CREDITS
 2663005 A ARRANGED
 MEETS: JAN 9-MAY 5

RESEARCH: THESIS ARTIS 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH:THESIS EXHIB ARTIS 699B VAR. CREDITS
 Note: Materials and equipment use fee \$100.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS
 4480005 ARRANGED
 MEETS: JAN 9-MAY 5

THESIS RESEARCH IGS 699 VAR. CREDITS
 4481005 ARRANGED
 MEETS: JAN 9-MAY 5

INTERIOR DESIGN

FRCE SHAPE INT SPCE ARTID 255 3 CREDITS
 4259005 TR 12:40-2:00 MALVEN F
 MEETS: JAN 9-MAY 5

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 ALSHIHABI D
 MEETS: JAN 9-MAY 5

INTERIOR DESIGN

(CONTINUED)

INTERIOR DESIGN

(CONTINUED)

GRPH COM INT DSN II ARTID 263 3 CREDITS
 Prereq: 261, ENROLLMENT IN 267
 Note: COURSE RESTRICTED TO ARTID MAJORS
 2177005 A MW 8:00-8:50 MIKOVEC A
 MW 8:00-9:50 MIKOVEC A
 MEETS: JAN 9-MAY 5
 2177010 B MW 8:00-8:50 ZENTI S
 MW 11:00-1:00 ZENTI S
 MEETS: JAN 9-MAY 5

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 SUH J
 T 11:00-11:50 SUH J
 MEETS: JAN 9-MAY 5
 1714010 B TR 12:10-3:00 ALSHIHABI D
 T 11:00-11:50 ALSHIHABI D
 MEETS: JAN 9-MAY 5
 1714015 C TR 12:10-3:00 ZENTI S
 T 11:00-11:50 ZENTI S
 MEETS: JAN 9-MAY 5
 1714020 D TR 12:10-3:00 LARE J
 T 11:00-11:50 LARE J
 MEETS: JAN 9-MAY 5

INTERR FINISH MATRL ARTID 350 3 CREDITS
 Prereq: COMPLETION OF THE COLLEGE OF DESIGN CORE
 Note: Instructor permission required 1st week.
 1859005 MW 3:10-4:30 PETERSON N
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5
 Note: SEC A RESTRICTED TO JUNIORS & SENIORS
 1818010 B M 1:10-2:00 PETERSON N
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 1817015 C T 8:00-10:50 LARE J
 R 9:00-11:50 LARE J
 R 8:00-8:50 LARE J
 MEETS: JAN 9-MAY 5
 1817020 D T 8:00-10:50 PETERSON N
 R 9:00-11:50 PETERSON N
 R 8:00-8:50 PETERSON N
 MEETS: JAN 9-MAY 5

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 MIKOVEC A
 R 9:00-11:50 MIKOVEC A
 R 8:00-8:50, ARRANGED MIKOVEC A
 MEETS: JAN 9-MAY 5

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 9-MAY 5

INT DESIGN STDIO VI ARTID 467 4 CREDITS
 Prereq: ARTID 465
 Note: COURSE RESTRICTED TO ARTID MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.
 1852005 MW 1:10-5:00, ARRANGED AKKURT C
 MEETS: JAN 9-MAY 5

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 9-MAY 5

INDEPENDENT STUDY ARTID 490 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTID 490H 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS
 STUDENTS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP ARTID 493 1- 3 CREDITS
 Prereq: EVIDENCE OF SATISFACTORY EXPERIENCE IN
 AREA OF SPECIALIZATION
 8035005 ARRANGED
 MEETS: JAN 9-MAY 5
 8035800 FR ARRANGED CAGLEY L
 MEETS: JAN 17-23
 Note: SEC FR TAUGHT IN PARIS, FRANCE. SENIOR INTERIOR
 DESIGN WORKSHOP IN PARIS. STUDY ABROAD SPRING 2017
 Study Abroad Administrative Fee Applies

DSGN HUMANC SENSORY ARTID 551A 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 8255005 TR 5:10-6:30PM MALVEN F
 MEETS: JAN 9-MAY 5

ID TEACHNG PRACTICM ARTID 554 3 CREDITS
 Prereq: ARTID 668 AND PERMISSION OF INSTRUCTOR
 4283005 ARRANGED AKKURT C
 MEETS: JAN 9-MAY 5

INTRR DSN STUDIO VI ARTID 567 4 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Instructor permission required 1st week.
 1907005 MW 1:10-5:00, ARRANGED AKKURT C
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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
 Meets international perspectives reqmt
 9582005 1 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 9582010 2 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 9582015 3 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 9582600 XU ARRANGED STROHMAN J
 MEETS: MARCH 6-MAY 5
 Note: Section XU is off campus
 Course delivery is WWW
 9582605 XV ARRANGED HOLTHAUS M
 MEETS: MARCH 6-MAY 5
 Note: Section XV is off campus
 Course delivery is WWW
 9582610 XW ARRANGED STROHMAN J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

INTERNATIONAL STUDIES (CONTINUED)

INT'L EXPRNC ABROAD INTST 295 1- 8 CREDITS
 Prereq: 12 COLLEGE-LEVEL CREDITS
 Note: Meets international perspectives reqmt
 4936800 EN ARRANGED CHRYSTAL L
 MEETS: MARCH 11-18
 Note: SEC EN TAUGHT IN LONDON, ENGLAND. STUDY
 ABROAD SHORT; LONDON, ENGLAND WITHIN THE PROGRAM
 FOR WOMEN IN SCIENCE & ENGINEERING. SPRING 2017
 OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

TOPICS INT'L STUDIE INTST 350 2- 4 CREDITS
 Note: Meets international perspectives reqmt
 7379005 1A TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO INTST MAJORS ONLY
 TOPIC: "TOPIC: GLOBAL ISSUES, CULTURE, AND IDENTITY"
 7379010 1B TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN INTST
 TOPIC: "TOPIC: GLOBAL ISSUES, CULTURE, AND IDENTITY"

PRE-STU ABROAD SEMN INTST 395A 1 CREDIT
 Note: Instructor permission required.
 7815005 1 ARRANGED
 MEETS: JAN 9-MAY 5

STDY ABROAD SOC SCI INTST 395E 1- 4 CREDITS
 Note: Instructor permission required.
 7940800 EN ARRANGED LEPTIEN J
 MEETS: MARCH 10-19
 Note: SEC EN TAUGHT IN LONDON/LIVERPOOL, ENGLAND.
 HERE, THERE & EVERYWHERE: BEATLES STUDY ABROAD.
 OFFERED FOR 2 CREDIT SPRING 2017
 Study Abroad Administrative Fee Applies

SEMNR INT'L STUDIES INTST 430 3 CREDITS
 Prereq: INTST 235, JUNIOR CLASSIFICATION OR
 HIGHER
 Note: Meets international perspectives reqmt
 9583005 1A TR 3:10-4:30
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO INTST MAJORS
 9583010 1B TR 3:10-4:30
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN INTST.

INDEPENDENT STUDY INTST 490 1- 3 CREDITS
 Prereq: PERMISSION OF INTERNATIONAL STUDIES
 DIRECTOR AND FACULTY SUPERVISOR
 Note: NO MORE THAN 3 CREDITS IN INTST 490 MAY BE USED
 TOWARD GRADUATION IN THE INTERNATIONAL STUDIES MAJOR
 OR MINOR
 3719005 ARRANGED
 MEETS: JAN 9-MAY 5

THINK GLOBALLY INTST 491 1 CREDIT
 Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD
 AND/OR INTERNSHIP ABROAD
 Satisfactory-Fail Only.
 3467005 1 TR 2:10-3:30
 MEETS: JAN 9-MARCH 3

JOURNALISM & MASS COMMUNICATION

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS
 4656005 1 MWF 11:00-11:50 WALD D
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY.
 4656010 2 MWF 11:00-11:50 WALD D
 MEETS: JAN 9-MAY 5
 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 WITHERSPOON B
 MEETS: JAN 9-MAY 5
 4657010 2 R 9:30-10:50 WITHERSPOON B
 MEETS: JAN 9-MAY 5
 4657015 3 T 9:30-10:50 WITHERSPOON B
 MEETS: JAN 9-MAY 5

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, P R MAJORS
 ONLY
 4658005 1 MW 8:00-10:10 ARONSEN G
 ARRANGED
 MEETS: JAN 9-MAY 5
 4658010 2 MW 8:00-10:10 DAHLSTROM M
 ARRANGED
 MEETS: JAN 9-MAY 5
 4658015 3 TR 8:00-10:10 MUNGER-OAKES L
 ARRANGED
 MEETS: JAN 9-MAY 5
 4658020 4 TR 10:00-12:10 ARONSEN G
 MEETS: JAN 9-MAY 5
 4658025 5 TR 12:40-2:50 WITHERSPOON B
 ARRANGED
 MEETS: JAN 9-MAY 5
 4658030 6 TR 5:30-7:40PM SAWYER G
 ARRANGED
 MEETS: JAN 9-MAY 5

JOURNALISM & MASS COMMUNICATION (CONTINUED)

REPORT&WRIT MASS MD JL MC 201 3 CREDITS
 4658035 7 TR 9:50-12:00 ESCOBEDO P
 ARRANGED
 MEETS: JAN 9-MAY 5
 4658040 8 MW 10:20-12:30 BOYLES J
 ARRANGED
 MEETS: JAN 9-MAY 5
 4658045 9 TR 10:20-12:30 LUCHT T
 ARRANGED
 MEETS: JAN 9-MAY 5
 4658050 10 TR 4:10-6:20PM
 ARRANGED
 MEETS: JAN 9-MAY 5

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 MW 3:10-5:00 MUNGER-OAKES L
 MEETS: JAN 9-MAY 5
 4659010 2 MW 12:40-2:30 SAWYER G
 MEETS: JAN 9-MAY 5

ELECTRON MEDIA WRIT JL MC 206 3 CREDITS
 Prereq: JL MC 201 WITH A GRADE OF C+ OR BETTER
 8511005 1 MW 10:00-11:50 AMES J
 MEETS: JAN 9-MAY 5
 8511010 2 MW 8:00-9:50 ESCOBEDO P
 MEETS: JAN 9-MAY 5

JOURNALSM PRINCIPLS JL MC 240X 3 CREDITS
 4724005 MWF 8:00-8:50 GIBSON D
 MEETS: JAN 9-MAY 5

VISUAL PRIN MASS CM JL MC 242 3 CREDITS
 Note: SEC 1A RESTRICTED TO JL MC, ADVRT, P R
 SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT,
 P R
 4673005 1A MWF 11:00-11:50 BERGHEFER S
 MEETS: JAN 9-MAY 5
 4673010 1B MWF 11:00-11:50 BERGHEFER S
 MEETS: JAN 9-MAY 5

SCI IN PUBLIC:CMUNIC JL MC 270X 3 CREDITS
 Prereq: ENGL 250
 9877005 A MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

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 AMES J
 MEETS: JAN 9-MAY 5

DIGITL VIDEO PRODUC JL MC 307 3 CREDITS
 Prereq: JL MC 242
 4727005 1 MW 12:10-1:00 AMES J
 F 8:00-9:50
 MEETS: JAN 9-MAY 5
 4727010 2 MW 12:10-1:00 AMES J
 F 10:00-11:50
 MEETS: JAN 9-MAY 5
 4727015 3 MW 12:10-1:00 AMES J
 F 12:10-2:00
 MEETS: JAN 9-MAY 5

ELECTRN NEWS PRODUC JL MC 308 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS.
 4665005 1 MW 2:10-4:00 AMES J
 MEETS: JAN 9-MAY 5

FUND PHOTOJOURNALSM JL MC 310 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO JL MC, ADVRT P R MAJORS
 EQUIPMENT PURCHASE MAY BE REQUIRED.
 8688005 1 MW 12:10-2:20 BUGEJA D
 MEETS: JAN 9-MAY 5
 8688010 2 MW 2:30-4:40 BUGEJA D
 MEETS: JAN 9-MAY 5

MULTIMEDIA PRODUCTN JL MC 315 3 CREDITS
 Prereq: JL MC 308 OR JL MC 310 OR JL MC 316 OR
 EQUIVALENT COMPUTER DESIGN PROFICIENCY
 Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS
 ONLY
 4663005 1 TR 12:10-2:00 SAWYER G
 MEETS: JAN 9-MAY 5

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 8:00-9:40 HAAG E
 MEETS: JAN 9-MAY 5
 5325010 2 TR 9:50-11:30 HAAG E
 MEETS: JAN 9-MAY 5
 5325015 3 TR 8:00-9:40 DOTY K
 MEETS: JAN 9-MAY 5
 5325020 4 TR 12:20-2:00 BERGHEFER S
 MEETS: JAN 9-MAY 5

JOURNALISM & MASS COMMUNICATION (CONTINUED)

JOURNALISM & MASS COMMUNICATION (CONTINUED)

MOBILE DVIC PUBLSHG JL MC 317 3 CREDITS
 Prereq: JL MC 316 OR EQUIV COMPUTER DESIGN
 PROFICIENCY; JL MC 310 OR JL MC 315
 5330005 1 TR 3:10-5:25 BERGHEFER S
 MEETS: JAN 9-MAY 5

PUBL AFFAIRS REPORT JL MC 346 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 202 OR JL MC 206 OR
 P R 321
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS.
 4675005 1 TR 8:00-9:50 ARONSEN G
 MEETS: JAN 9-MAY 5

SCIENCE COMMUNICATN JL MC 347 3 CREDITS
 Prereq: ADVRT, JL MC, P R: C+ OR BETTER IN
 JL MC 201. NONMAJORS AND MINORS BY PERMISSION OF
 INSTRUCTOR.
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
 4676005 1 MW 12:10-2:00
 MEETS: JAN 9-MAY 5

PRO SKILL DEVEL:MAP JL MC 390A 1 CREDIT
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR
 PERMISSION FOR NONMAJORS
 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 GIBSON D
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

PRO SKIL:FASHN WRIT JL MC 390J 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201; OTHER
 PREREQS VARY BY TOPIC; INSTRUCTOR PERMISSION
 FOR NONMAJORS
 9780005 1A MW 10:20-12:20 GIBSON D
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO ADVRT, JL MC, P R MAJORS
 ONLY
 9780010 1B MW 10:20-12:20 GIBSON D
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN ADVRT, JL MC,
 P R MAJORS

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 SAWYER G
 MEETS: JAN 9-MAY 5

DIGITAL NEWSROOM JL MC 414X 3 CREDITS
 Prereq: JL MC 344 OR JL MC 346 OR JL MC 347;
 C+ OR BETTER IN JL MC 202 OR JL MC 206
 9797005 TR 2:10-4:00 MUNGER-OAKES L
 MEETS: JAN 9-MAY 5

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 BOYLES J
 MEETS: JAN 9-MAY 5
 4688010 2 MWF 12:10-1:00 PRITCHARD A
 MEETS: JAN 9-MAY 5

JOURNALISM & LIT JL MC 464 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 4691005 TR 8:00-9:20 WILGENBUSCH E
 MEETS: JAN 9-MAY 5

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 COZMA R
 MEETS: JAN 9-MAY 5

ETHNIC,GENDER&MEDIA JL MC 477 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4554600 XV ARRANGED ESCOBEDO P
 MEETS: MARCH 6-MAY 5
 Note: SECTION XV IS RESTRICTED TO JUNIORS AND ABOVE.
 Section XV is off campus
 Course delivery is WWW
 4554605 XW ARRANGED GESKE J
 MEETS: JAN 9-MAY 5
 Note: SECTION XW IS RESTRICTED TO JUNIORS AND ABOVE.
 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

PRO MDIA INTERN:REQ JL MC 499A 3 CREDITS
 Prereq: FORMAL FACULTY ADVISER APPROVAL.
 JL MC MAJORS: C+ OR BETTER IN JL MC 202 OR JL MC 206
 OR P R 321; ADVRT MAJORS: C+ OR BETTER IN JL MC 201
 AND ADVRT 301; P R MAJORS: C+ OR BETTER IN P R 321.
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
 Department permission required.
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

PRO MDIA INTERN:OPT JL MC 499B 1-3 CREDITS
 Prereq: FORMAL FACULTY ADVISER APPROVAL.
 JL MC MAJORS: C+ OR BETTER IN JL MC 202 OR JL MC 206
 OR P R 321; ADVRT MAJORS: C+ OR BETTER IN JL MC 201
 AND ADVRT 301; P R MAJORS: C+ OR BETTER IN P R 321.
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
 Department permission required.
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

ADV RES MTHDS:QUANT JL MC 503X 3 CREDITS
 Prereq: JL MC 502 (OR EQUIVALENT BASIC
 RESEARCH METHOD COURSE) OR PERMISSION OF INSTRUCTOR
 9503005 1 MW 2:10-3:25 HAN G
 MEETS: JAN 9-MAY 5

ADV RES MTHDS:QUALV JL MC 504X 3 CREDITS
 Prereq: JL MC 502 OR EQUIVALENT RESEARCH
 METHODS COURSE
 9505005 1 R 5:40-8:30PM LUCHT T
 MEETS: JAN 9-MAY 5

STRATEG OF COMMUNIC JL MC 510 3 CREDITS
 Prereq: JL MC 501
 4730005 1 TR 4:10-5:30 KIM S
 MEETS: JAN 9-MAY 5

PUBLIC RELA THRY&MTH JL MC 520 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCIENCE
 4731005 1 T 6:10-9:00PM LEE S
 MEETS: JAN 9-MAY 5

SCIENCE COMMUNICATN JL MC 547 3 CREDITS
 Prereq: ADVRT, JL MC, P R: C+ OR BETTER IN
 JL MC 201. NONMAJORS AND MINORS BY PERMISSION OF
 INSTRUCTOR.
 7316005 1 MW 12:10-2:00
 MEETS: JAN 9-MAY 5

COMM TECH&SOC CHANG JL MC 574 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCIENCE
 Note: Meets international perspectives reqmt
 4736005 1 MW 4:10-5:30 DIMITROVA D
 MEETS: JAN 9-MAY 5

WORLD COMMUNIC SYST JL MC 576 3 CREDITS
 Note: Meets international perspectives reqmt
 4738005 1 TR 11:00-12:30
 MEETS: JAN 9-MAY 5

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SPICALZ JL MC 590B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP RSRCH MTHD JL MC 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SP TOP TECHNQ&STYLE JL MC 590D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SP TOP SPLZ COMMUNIC JL MC 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

PROFESNL INTERNSHIP JL MC 591 1-2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

SEMNR MASS COMM LAW JL MC 598H 1-3 CREDITS
 7831005 1 W 6:10-9:00PM PRITCHARD A
 MEETS: JAN 9-MAY 5
 Note: SEC 1 TITLE: MEDIA & RELIGION

CREATIVE COMPONENT JL MC 599 VAR. CREDITS
 Prereq: APPROVED CREDIT COMPONENT PROPOSAL

 SEE DEPT FOR REFERENCE NUMBERS

JOURNALISM & MASS COMMUNICATION (CONTINUED)

THESIS RESEARCH JL MC 699 VAR. CREDITS
 Prereq: APPROVED THESIS PROPOSAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY

SWIMMING I KIN 101 1 CREDIT
 Satisfactory-Fail Only.
 5660005 1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 Note: Materials and equipment use fee \$40.00

SWIMMING II KIN 102 1 CREDIT
 Prereq: KIN 101 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5661005 1 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 Note: Materials and equipment use fee \$40.00

AQUATIC FITNESS KIN 108 1 CREDIT
 Prereq: KIN 102 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5665005 1 TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: Materials and equipment use fee \$40.00

BADMINTON KIN 122 1 CREDIT
 Satisfactory-Fail Only.
 5671005 1 MWF 9:00-10:20
 MEETS: JAN 9-MARCH 3
 Note: MATERIALS, EQUIPMENT FEE \$25.00
 5671010 2 MWF 10:30-11:50
 MEETS: JAN 9-MARCH 3
 Note: MATERIALS, EQUIPMENT FEE \$25.00

BOWLING KIN 129 1 CREDIT
 Satisfactory-Fail Only.
 5675005 1 MW 9:00-9:50
 MEETS: JAN 9-MAY 5
 5675010 2 MW 10:00-10:50
 MEETS: JAN 9-MAY 5
 5675015 3 MW 11:00-11:50
 MEETS: JAN 9-MAY 5
 5675020 4 TR 9:30-10:20
 MEETS: JAN 9-MAY 5
 5675025 5 TR 11:00-11:50
 MEETS: JAN 9-MAY 5
 5675030 6 TR 12:40-1:30
 MEETS: JAN 9-MAY 5

GOLF KIN 135 1 CREDIT
 Satisfactory-Fail Only.
 5678005 1 MWF 8:00-9:20 MURDOCH A
 MEETS: MARCH 6-MAY 5
 5678010 2 MWF 9:30-10:50 MURDOCH A
 MEETS: MARCH 6-MAY 5
 5678015 3 MWF 11:00-12:20 MURDOCH A
 MEETS: MARCH 6-MAY 5
 5678020 4 MWF 12:40-2:00
 MEETS: MARCH 6-MAY 5

RACQUETBALL KIN 144 1 CREDIT
 Satisfactory-Fail Only.
 5683005 1 MW 9:00-9:50
 MEETS: JAN 9-MAY 5
 5683010 2 MW 10:00-10:50
 MEETS: JAN 9-MAY 5

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 MURDOCH A
 MEETS: JAN 9-MARCH 3

TENNIS KIN 158 1 CREDIT
 Satisfactory-Fail Only.
 5690005 1 MWF 9:30-10:50
 MEETS: MARCH 6-MAY 5
 5690010 2 MWF 11:00-12:20
 MEETS: MARCH 6-MAY 5
 5690015 3 MWF 12:30-2:00
 MEETS: MARCH 6-MAY 5

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 9-MAY 5

WALKING FOR FITNESS KIN 164 1 CREDIT
 Satisfactory-Fail Only.
 8867005 1 MWF 9:00-10:05
 MEETS: MARCH 6-MAY 5
 8867010 2 MWF 11:00-12:05
 MEETS: MARCH 6-MAY 5
 8867015 3 TR 9:30-11:05
 MEETS: MARCH 6-MAY 5
 8867020 4 TR 11:00-12:35
 MEETS: MARCH 6-MAY 5

KINESIOLOGY (CONTINUED)

RUNNING FOR FITNESS KIN 165 1 CREDIT
 Satisfactory-Fail Only.
 5343005 1 MWF 8:00-9:20
 MEETS: MARCH 6-MAY 5

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 9-MAY 5
 5696010 2 MW 10:00-10:50
 MEETS: JAN 9-MAY 5
 5696015 3 MW 11:00-11:50
 MEETS: JAN 9-MAY 5
 5696020 4 MW 12:10-1:00
 MEETS: JAN 9-MAY 5
 5696025 5 MW 1:10-2:00
 MEETS: JAN 9-MAY 5

JUDO KIN 168 1 CREDIT
 Satisfactory-Fail Only.
 5353005 1 TR 9:00-9:50
 MEETS: JAN 9-MAY 5
 HAMANN M

TAEKWONDO/KARATE I KIN 170 1 CREDIT
 Satisfactory-Fail Only.
 5700005 1 MW 9:00-9:50
 MEETS: JAN 9-MAY 5
 HAMANN M
 5700010 2 MW 10:00-10:50
 MEETS: JAN 9-MAY 5
 HAMANN M
 5700015 3 MW 11:00-11:50
 MEETS: JAN 9-MAY 5
 HAMANN M

TAEKWONDO/KARATE II KIN 171 1 CREDIT
 Prereq: 170
 Satisfactory-Fail Only.
 5701005 1 TR 10:00-10:50
 MEETS: JAN 9-MAY 5
 HAMANN M

HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
 Satisfactory-Fail Only.
 5702005 1 TR 11:00-11:50
 MEETS: JAN 9-MAY 5
 HAMANN M

VOLLEYBALL KIN 182 1 CREDIT
 Satisfactory-Fail Only.
 5710005 1 TR 11:00-11:50
 MEETS: JAN 9-MAY 5
 Note: Materials and equipment use fee \$25.00
 5710010 2 TR 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: Materials and equipment use fee \$25.00
 5710015 3 TR 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: Materials and equipment use fee \$25.00

SOCCER KIN 185 1 CREDIT
 Satisfactory-Fail Only.
 5712005 1 TR 10:00-10:50
 MEETS: JAN 9-MAY 5

CNCPTS FITNSS&WELLN KIN 210 2 CREDITS
 8843005 1 ARRANGED WELK G
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW
 8843010 2 ARRANGED WELK G
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW

SCHOOL PHY ACT PROG KIN 214X 1 CREDIT
 Prereq: FRESHMAN CLASSIFICATION
 Satisfactory-Fail Only.
 9729005 1 ARRANGED CHEN S
 MEETS: JAN 9-MAY 5

FUND INDIVIDL SPORT KIN 236 1 CREDIT
 Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
 Note: COURSE RESTRICTED TO HHP, KIN H MAJORS ONLY. FOR STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. Instructor permission required 1st week.
 9620005 1 TR 2:10-3:30 SMITH J
 MEETS: JAN 9-MAY 5

PLAN SUCCESS HEALTH KIN 242X .5 CREDIT
 Prereq: KIN H MAJOR IN PHP OPTION WITH SOPHOMORE CLASSIFICATION OR ABOVE
 Satisfactory-Fail Only.
 8287005 1 R 2:10-3:00 CORDELL C
 MEETS: JAN 13-MARCH 3
 8287010 2 F 1:10-2:00 CORDELL C
 MEETS: JAN 13-MARCH 3

KINESIOLOGY

(CONTINUED)

KINESIOLOGY PROFSSNS KIN 252 1 CREDIT
 7415005 1 ARRANGED DUKES L
 MEETS: JAN 9-MAY 5
 7415010 2 ARRANGED DUKES L
 MEETS: JAN 9-MAY 5
 Note: SEC 2 FOR MAJORS OTHER THAN A TH, KIN,
 P ATH

ORIEN KINESIOL&HLTH KIN 253 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT OR CREDIT IN
 KIN 252
 Note: COURSE RESTRICTED TO A TR, KIN, P ATR
 MAJORS ONLY
 Satisfactory-Fail Only.
 7498005 1 W 12:10-1:00 GIBBS J
 MEETS: JAN 9-MAY 5
 7498010 2 ARRANGED GIBBS J
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW

PHYS FITNESS & COND KIN 258 2 CREDITS
 Prereq: MAJOR IN KINESIOLOGY OR HEALTH ONLY
 Note: SEC 1A, 2A ETC RESTRICTED TO A TR, PDEXA, PDEXH,
 HHP, KIN H, P ATR MAJORS ONLY. SEC 1B, 2M FOR MAJORS
 OTHER THAN A TR, PDEXA, PDEXH, HHP, KIN H, P ATR
 MAJORS.
 CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION.
 5732005 1A TR 9:00-9:50, ARRANGED
 MEETS: JAN 9-MAY 5
 5732010 1B TR 9:00-9:50, ARRANGED
 MEETS: JAN 9-MAY 5
 5732015 2A TR 10:00-10:50
 ARRANGED
 MEETS: JAN 9-MAY 5
 5732020 2B TR 10:00-10:50
 ARRANGED
 MEETS: JAN 9-MAY 5
 5732025 3A TR 11:00-11:50
 ARRANGED
 MEETS: JAN 9-MAY 5
 5732030 3B TR 11:00-11:50
 ARRANGED
 MEETS: JAN 9-MAY 5
 5732035 4A TR 12:10-1:00
 ARRANGED
 MEETS: JAN 9-MAY 5
 5732040 4B TR 12:10-1:00
 ARRANGED
 MEETS: JAN 9-MAY 5
 5732045 5A TR 1:10-2:00, ARRANGED
 MEETS: JAN 9-MAY 5
 5732050 5B TR 1:10-2:00, ARRANGED
 MEETS: JAN 9-MAY 5
 5732055 6A TR 2:10-3:00, ARRANGED
 MEETS: JAN 9-MAY 5
 5732060 6B TR 2:10-3:00, ARRANGED
 MEETS: JAN 9-MAY 5
 5732065 7A TR 8:00-8:50, ARRANGED
 MEETS: JAN 9-MAY 5
 5732070 7B TR 8:00-8:50, ARRANGED
 MEETS: JAN 9-MAY 5

LDRSHP TECH FITNESS KIN 259 2 CREDITS
 Prereq: KIN 258
 Note: COURSE RESTRICTED TO A TR, P ATR, PDEXA, PDEXH,
 C H E, KIN H MAJORS ONLY.
 9622005 1 W 1:10-2:00 WERSTEIN K
 M 1:10-3:00 WERSTEIN K
 MEETS: JAN 9-MAY 5
 9622010 2 W 1:10-2:00 WERSTEIN K
 M 3:10-5:00 WERSTEIN K
 MEETS: JAN 9-MAY 5

ADV STRNGTH TRAINNG KIN 266 2 CREDITS
 Prereq: KIN 258
 Note: COURSE RESTRICTED TO A TR, KIN, P ATR
 JRS & SRS ONLY
 7421005 1 TR 8:00-9:20, ARRANGED WERSTEIN K
 MEETS: JAN 9-MAY 5
 7421010 2 TR 9:30-10:50 ANDERSON A
 ARRANGED ANDERSON A
 MEETS: JAN 9-MAY 5

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 GROTE L
 MEETS: JAN 9-MAY 5
 5736010 2 R 8:00-11:30 GROTE L
 MEETS: JAN 9-MAY 5

FIELD EXP SECYD P E KIN 281 1 CREDIT
 Note: COURSE RESTRICTED TO STUDENTS ACCEPTED TO
 FULL TEACHER EDUCATION
 Satisfactory-Fail Only.
 7699005 1 F 8:00-11:30 GROTE L
 MEETS: JAN 9-MAY 5
 7699010 2 R 8:00-11:30 GROTE L
 MEETS: JAN 9-MAY 5

KINESIOLOGY

(CONTINUED)

FLD EXP EDUC OUTRCH KIN 282 1 CREDIT
 Prereq: ADMISSION TO UNIVERSITY TEACHER EDUC PROG
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 2959005 1 TR 3:30-6:00PM SMITH J
 MEETS: JAN 9-MAY 5

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 VAZOU S
 MEETS: JAN 9-MAY 5
 5737010 2 TR 8:00-10:50 GUNDLACH K
 MEETS: JAN 9-MAY 5

PRE-INTERN KIN&HLTH KIN 285 1- 2 CREDITS
 Prereq: KINESIOLOGY AND HEALTH MAJOR, AND
 PERMISSION OF INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 8750005 ARRANGED POWER D
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

INDEPENDENT STUDY KIN 290 1 CREDIT
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SECYD PHYSICAL EDUC KIN 313 3 CREDITS
 Prereq: ADMISSION TO UNIVERSITY TEACHER EDUC PROG
 5756005 1 MW 2:10-3:00 CHEN S
 R 8:00-10:50 CHEN S
 MEETS: JAN 9-MAY 5
 5756010 2 MW 2:10-3:00 CHEN S
 F 8:00-10:50 CHEN S
 MEETS: JAN 9-MAY 5

COACH THY&ADMIN ISS KIN 315 3 CREDITS
 Note: COURSE RESTRICTED TO JRS AND SRS ONLY.
 5372005 1 TR 11:00-12:20 DUKES L
 ARRANGED DUKES L
 MEETS: JAN 9-MAY 5

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 POWER D
 MEETS: JAN 9-MAY 5

BIOMECHANICS KIN 355 3 CREDITS
 Prereq: PHYS 111 OR PHYS 115
 5752005 1 MWF 8:00-8:50 DERRICK T
 MEETS: JAN 9-MAY 5
 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 DERRICK T
 MEETS: JAN 9-MAY 5
 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 GILLETTE J
 MEETS: JAN 9-MAY 5
 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 GILLETTE J
 MEETS: JAN 9-MAY 5
 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 KING D
 MEETS: JAN 9-MAY 5
 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 KING D
 MEETS: JAN 9-MAY 5
 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 VALENTINE R
 MEETS: JAN 9-MAY 5
 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 VALENTINE R
 MEETS: JAN 9-MAY 5
 Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN A TR,
 D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH. JRS &
 ABOVE ONLY.

KINESIOLOGY (CONTINUED)

SOC 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 COFFMAN H
 MEETS: JAN 9-MAY 5
 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 COFFMAN H
 MEETS: JAN 9-MAY 5
 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 COFFMAN H
 MEETS: JAN 9-MAY 5
 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 COFFMAN H
 MEETS: JAN 9-MAY 5
 Note: SEC 4 OPEN TO MAJORS OTHER THAN A TR, D EXA,
 D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH

SPORT PSYCHOLOGY KIN 365 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 Note: Instructor permission required 1st week.
 5754005 1 W 2:10-3:00 WERSTEIN K
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 PDEXA, PDEXH JRS & SRS, KIN H MAJORS.
 5754010 2 W 2:10-3:00 WERSTEIN K
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 2 OPEN TO MAJORS OTHER THAN A TR, D EXA,
 D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH

EXERCISE PSYCHOLOGY KIN 366 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 7190005 1 TR 2:10-3:25 EKKEKAKIS P
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO A TR, C H E, PDEXA, PDEXH,
 P ATR, JRS & SRS, KIN H MAJORS ONLY.
 7190010 2 TR 2:10-3:25 EKKEKAKIS P
 MEETS: JAN 9-MAY 5
 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 STEGEMOLLER E
 MEETS: JAN 9-MAY 5
 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 STEGEMOLLER E
 MEETS: JAN 9-MAY 5
 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 .5 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 POWER D
 MEETS: JAN 9-MARCH 3
 5761010 2 F 1:10-2:00, ARRANGED POWER D
 MEETS: JAN 9-MARCH 3

SRV LRN LEADSHP EXP KIN 391 1- 3 CREDITS
 Satisfactory-Fail Only.
 6691005 1 ARRANGED WELK G
 MEETS: JAN 9-MAY 5

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 LIPSEY H
 MEETS: JAN 9-MARCH 3
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5764015 1R ARRANGED LIPSEY H
 MEETS: JAN 9-MARCH 3
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5764020 2A ARRANGED LIPSEY H
 MEETS: MARCH 6-MAY 5
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5764025 2R ARRANGED LIPSEY H
 MEETS: MARCH 6-MAY 5
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.

KINESIOLOGY (CONTINUED)

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 LIPSEY H
 MEETS: JAN 9-MARCH 3
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5765010 1R ARRANGED LIPSEY H
 MEETS: JAN 9-MARCH 3
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5765015 2A ARRANGED LIPSEY H
 MEETS: MARCH 6-MAY 5
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5765020 2R ARRANGED LIPSEY H
 MEETS: MARCH 6-MAY 5
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.

LEGAL ASPS OF SPORT KIN 445 3 CREDITS
 Note: COURSE RESTRICTED TO A TR, P ATR, PDEXA, PDEXH
 JRS & SRS, KIN H MAJORS.
 8560005 1 TR 9:30-10:50 DUKES L
 MEETS: JAN 9-MAY 5

BIOMECH RSRCH TOPCS KIN 455 3 CREDITS
 Prereq: KIN 355 OR PERMISSION OF INSTRUCTOR
 6334005 1 MW 11:00-12:20
 MEETS: JAN 9-MAY 5

PRIN FITNESS ASSESS KIN 458 4 CREDITS
 Prereq: KIN 258, KIN 358
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, KIN H
 MAJORS & FSHNA AND FSHNH GRADUATE STUDENTS
 5767005 1 MWF 1:10-2:00 FRANKE W
 T 1:10-3:00 FRANKE L
 MEETS: JAN 9-MAY 5
 5767010 2 MWF 1:10-2:00 FRANKE W
 T 3:10-5:00 FRANKE L
 MEETS: JAN 9-MAY 5
 5767015 3 MWF 1:10-2:00 FRANKE W
 T 11:00-1:00
 MEETS: JAN 9-MAY 5
 5767020 4 MWF 1:10-2:00 FRANKE W
 T 5:10-7:00PM
 MEETS: JAN 9-MAY 5
 5767025 5 MWF 10:00-10:50 ANDERSON A
 R 5:10-7:00PM
 MEETS: JAN 9-MAY 5
 5767030 6 MWF 10:00-10:50 ANDERSON A
 R 1:10-3:00 FRANKE L
 MEETS: JAN 9-MAY 5
 5767035 7 MWF 10:00-10:50 ANDERSON A
 R 11:00-1:00 FRANKE L
 MEETS: JAN 9-MAY 5
 5767040 8 MWF 10:00-10:50 ANDERSON A
 R 3:10-5:00 FRANKE L
 MEETS: JAN 9-MAY 5

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 FRANKE W
 MEETS: JAN 9-MAY 5

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 KING D
 MEETS: JAN 9-MAY 5
 5763010 2 MWF 2:10-3:00 SHARP R
 MEETS: JAN 9-MAY 5
 5763015 3 TR 8:00-9:20 VALENTINE R
 MEETS: JAN 9-MAY 5

EXERC&HLTH:BHVR CHG KIN 467 3 CREDITS
 Prereq: KIN 366 OR EQUIVALENT
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR
 KIN, KIN H, P DEXA, PDEXH JR & SRS.
 6255005 1 W 10:00-11:50 ELLINGSON L
 ARRANGED ELLINGSON L
 MEETS: JAN 9-MAY 5

KINESIOLOGY (CONTINUED)

MEASUREMT IN PHY ED KIN 471 3 CREDITS
 Prereq: ADMISSION TO EDUCATOR PREPARATION PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 7432005 1 MWF 1:10-2:00 CHEN S
 MEETS: JAN 9-MAY 5

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 DEKA, PDEXH JR & SRS.
 7322005 TR 2:10-3:20 STEGEMOLLER E
 MEETS: JAN 9-MAY 5

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 DEKA, PDEXH JR & SRS.
 6175005 1 TR 11:00-12:20 DERRICK T
 MEETS: JAN 9-MAY 5

INTERNSH FITNSS MGT KIN 485A 1-16 CREDITS
 Prereq: C- OR BETTER IN KIN 458, KIN 459, KIN 462
 KINESIOLOGY AND HEALTH MAJORS ONLY; CUM GPA 2.0
 Satisfactory-Fail Only.
 5772005 ARRANGED POWER D
 MEETS: JAN 9-MAY 5
 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 POWER D
 MEETS: JAN 9-MAY 5
 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

PRACTM MOTIV INTRVW KIN 494X 2 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 9843005 1 ARRANGED ELLINGSON L
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

RESRCH MTH PHY ACTV KIN 501 3 CREDITS
 Prereq: GRAD CLASSIFICATION IN KINESIOLOGY AND
 HEALTH
 5780005 TR 12:40-2:00 ELLINGSON L
 MEETS: JAN 9-MAY 5

STDT TEACH ELEM P E KIN 518 8 CREDITS
 Prereq: KIN 512, KIN 570, KIN 575
 7443005 1A ARRANGED CHEN S
 MEETS: JAN 9-MAY 5
 7443010 2A ARRANGED CHEN S
 MEETS: JAN 9-MAY 5

STDT TEACH SECD P E KIN 519 8 CREDITS
 Prereq: KIN 512, KIN 570, KIN 575
 7448005 1A ARRANGED CHEN S
 MEETS: JAN 9-MAY 5
 7448010 2A ARRANGED CHEN S
 MEETS: JAN 9-MAY 5

ADV PHYSIOL EXER II KIN 551 3 CREDITS
 Prereq: KIN 505
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 5792005 1 T 4:10-6:00PM SHARP R
 R 4:10-6:00PM SHARP R
 MEETS: JAN 9-MAY 5

EXERC&HLTH:BHVR CHG KIN 567 3 CREDITS
 Prereq: KIN 366 OR EQUIVALENT
 3232005 1 W 10:00-11:50 ELLINGSON L
 ARRANGED ELLINGSON L
 MEETS: JAN 9-MAY 5

ACTVT ASESSMT RSRCH KIN 570 3 CREDITS
 Note: COURSE RESTRICTED TO FSHNH GRADS ONLY
 7454005 TR 3:10-4:30 WELK G
 MEETS: JAN 9-MAY 5

KINESIOLOGY (CONTINUED)

MEASUREMT IN PHY ED KIN 571 3 CREDITS
 Prereq: ADMISSION TO EDUCATOR PREPARATION PROGRAM
 7459005 1 MWF 1:10-2:00 CHEN S
 MEETS: JAN 9-MAY 5

SPECIAL TOPICS P E KIN 590A 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO KIN 590B 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 590D 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT SOCIO KIN 590E 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH KIN 590F 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR BEHAV KIN 590G 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS KIN 590H 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH ETHCS KIN 590I 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E KIN 591A 1- 6 CREDITS
 Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUP FLD EXP EX PHYS KIN 591D 1- 6 CREDITS
 Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTCM COLLEGE 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 2016
 Instructor permission required 1st week.
 5812005 F 1:10-2:00 MARTIN P
 MEETS: JAN 9-MAY 5

RESEARCH KIN 699 1- 6 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

PLAY!ACTV URBN LSCP L A 171X 3 CREDITS
 9820005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

STUDIO:SITE DSIGN I L A 202 6 CREDITS
 Prereq: L A 201
 Note: Instructor permission required 1st week.
 4767005 1 MW 1:10-5:20 MARTIN M
 F 4:10-5:20 MARTIN M
 F 1:10-3:50 MARTIN M
 MEETS: JAN 9-MAY 5
 4767010 2 MW 1:10-5:20 DOUGLAS D
 F 4:10-5:20 DOUGLAS D
 F 1:10-3:50 DOUGLAS D
 MEETS: JAN 9-MAY 5

DIGTL DSN MTHDS L A L A 211 3 CREDITS
 9796005 MW 8:30-9:50 WESTORT C
 MEETS: JAN 9-MAY 5

INTRDUCD PLT MIDWST L A 222 3 CREDITS
 Prereq: L A 221
 Note: Instructor permission required 1st week.
 4774005 TR 12:40-1:30 STEVENS J
 TR 1:40-4:00 STEVENS J
 MEETS: JAN 9-MAY 5

LANDSCAPE ARCHITECTURE (CONTINUED)

LANDSCAPE ARCHITECTURE (CONTINUED)

SOCIAL&BEHAV LNDSCLP L A 274 3 CREDITS
 Note: Meets U.S. diversity reqmt
 7943005 1 T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 9-MAY 5

LANDSCAPE DYNAMICS L A 282 3 CREDITS
 Prereq: SOPHOMORE STANDING
 4263005 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

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 STEVENS J
 F 4:10-5:20 STEVENS J
 MW 1:10-5:20 STEVENS J
 MEETS: JAN 9-MAY 5

4778020 2 F 1:10-3:50 NEPPL T
 F 4:10-5:20 NEPPL T
 MW 1:10-5:20 NEPPL T
 MEETS: JAN 9-MAY 5

FIELD TRAVEL L A 309 1- 2 CREDITS
 Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM
 AND PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 4771005 ARRANGED
 MEETS: JAN 9-MAY 5

CONTEMP LANDSC ARCH L A 341 1 CREDIT
 Prereq: L A 301
 6119005 M 12:10-1:00 MARTIN M
 MEETS: JAN 9-MAY 5

HIST MODRN LANDSCAP L A 371 3 CREDITS
 4662005 TR 9:30-10:50 HOHMANN H
 MEETS: JAN 9-MAY 5

ADV LAND ARC DESIGN L A 404 6 CREDITS
 Prereq: L A 401
 Note: Instructor permission required 1st week.
 4781005 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

PROFESSIONL PRACTCE L A 442 2 CREDITS
 Prereq: L A 481
 Note: Instructor permission required 1st week.
 4783005 M 10:00-11:50 ROGERS C
 MEETS: JAN 9-MAY 5

LAND ARCH INTERNSHP L A 444A R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 3036005 ARRANGED HOHMANN H
 MEETS: JAN 9-MAY 5

L ARCH STUDY ABROAD L A 444B R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 6212005 ARRANGED HOHMANN H
 MEETS: JAN 9-MAY 5

LA NAT'L STDT XCHNG L A 444C R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 6213005 ARRANGED HOHMANN H
 MEETS: JAN 9-MAY 5

ADV LNDSCLP CONSTRUC L A 482 3 CREDITS
 Prereq: L A 481
 8224005 TR 11:00-12:30 DOUGLAS D
 MEETS: JAN 9-MAY 5

IND STDY LAND DSIGN L A 490A 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY PLNTNG DSN L A 490B 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CONSTRUCT L A 490C 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY L A 490D 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

FIELD TRAVEL L A 509X 1 CREDIT
 Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM,
 PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 8788005 ARRANGED
 MEETS: JAN 9-MAY 5

PRIN RESEARCH L A L A 541 3 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 4806005 TR 11:00-12:30 YOST B
 MEETS: JAN 9-MAY 5

COLLOQUIM I - RSRCH L A 543X 1 CREDIT
 Satisfactory-Fail Only.
 9821005 R 12:40-1:50
 MEETS: JAN 9-MAY 5

DIGTL DSN MTH L ARC L A 559X 3 CREDITS
 9822005 TR 11:00-12:30 WESTORT C
 MEETS: JAN 9-MAY 5

THESIS,CRTV CMP,TUT L A 580 1- 4 CREDITS
 Prereq: PERMISSION OF MAJOR PROFESSOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC DSGN L A 590A 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN L A 590B 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN L A 590C 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

(CONTINUED)

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

BUILT ENVIR JUSTICE L A 592X 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 9485005 TR 12:40-2:00 SHIRTCLIFF B
 MEETS: JAN 9-MAY 5

CREATIVE COMPONENT L A 599 1- 8 CREDITS
 Prereq: PERMISSION OF MAJOR PROF
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LAND/FORM&PLT/SCAPE L A 602X 6 CREDITS
 Prereq: ENROLLMENT IN THE GRADUATE PROGRAM
 OR PERMISSION OF THE INSTRUCTOR
 9824005 MWF 1:10-3:00 BADENHOPE J
 MEETS: JAN 9-MAY 5

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 MOOK M
 MEETS: JAN 9-MAY 5

4855010 2 MTWF 2:10-3:00 HALL A
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY LATIN 490 1- 6 CREDITS
 Prereq: 6 CR IN LATIN; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN LATIN 490 MAY BE APPLIED TOWARD GRADUATION.
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LEADERSHIP STUDIES

LEADNG WITH PURPOSE LD ST 122 1 CREDIT
 9525005 A T 3:40-5:30 SNYDER-YULY J
 MEETS: JAN 9-MARCH 3

9525010 B W 3:10-5:00 SHAMBURGER K
 MEETS: JAN 9-MARCH 3
 Note: SEC B FOR STUDENTS IN THE MEN OF COLOR ORGANIZATION

9525600 XW ARRANGED SNYDER-YULY J
 MEETS: MARCH 6-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

CAMPUS LDRSHP DEVEL LD ST 270 3 CREDITS
 9524005 TR 12:40-2:00 MANNING-OUELLETT
 MEETS: JAN 9-MAY 5

SPECIAL PROJECTS LD ST 290 1- 3 CREDITS
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION,
 PERMISSION OF THE INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LDRSHP DIVERSE SOCI LD ST 322 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt

4949005 1 TR 2:10-3:30 EDBERG T
 MEETS: JAN 9-MAY 5

4949010 2 TR 12:40-2:00 SNYDER-YULY J
 MEETS: JAN 9-MAY 5

4949015 3 TR 11:00-12:20 EDBERG T
 MEETS: JAN 9-MAY 5

4949600 XW ARRANGED MANNING-OUELLETT
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

WOMEN & LEADERSHIP LD ST 333 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt

4980005 1 TR 2:10-3:30 LAWARE M
 MEETS: JAN 9-MAY 5

SPL TOPC: LEADERSHP LD ST 370X 1- 3 CREDITS
 9228005 M 1:10-4:00 EDBERG T
 MEETS: JAN 9-MAY 5

LEADR CAPSTONE SMNR LD ST 422 3 CREDITS
 Prereq: LD ST 322
 3700005 1 TR 11:00-12:20 MANNING-OUELLETT
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY LD ST 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LEARNING AND LEADERSHIP SCIENCES

DEVEL RSPNSBL LRNRS L L S 114 2 CREDITS
 Prereq: L L S 112

3589005 A W 9:00-10:50
 MEETS: JAN 9-MAY 5

3589010 B W 4:10-6:00PM
 MEETS: JAN 9-MAY 5

LIBERAL ARTS & SCIENCES

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 1 T 3:40-5:30
 MEETS: JAN 9-MARCH 3
 Note: SEC 1 TOPIC: PLATO & POPCORN: PHILOSOPHY IN FILM

MATH & SCI FRONTIERS LAS 103D 1 CREDIT
 Note: NO MORE THAN 3 TOTAL CREDITS OF LAS 103X, LAS 103A, LAS 103B, LAS 103C, LAS 103D, AND LAS 103E MAY BE APPLIED TOWARD GRADUATION
 Satisfactory-Fail Only.

7465005 1 M 4:10-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1 TOPIC: STEM CELLS, CELLULAR ENGINEERING & CONTROVERSIES FOR SCIENCE AND SOCIETY

7465010 2 W 3:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC 2 TOPIC: BATTLING BACK: CUTTING EDGE APPROACHES TO TREATING CANCERS

SOCIAL SCI FRNTIERS LAS 103E 1 CREDIT
 Note: NO MORE THAN 3 TOTAL CREDITS OF LAS 103X, LAS 103A, LAS 103B, LAS 103C, LAS 103D, AND LAS 103E MAY BE APPLIED TOWARD GRADUATION
 Satisfactory-Fail Only.

7466005 1 W 4:10-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1 TOPIC: "THE MALALA EFFECT": THE LIVES OF YOUNG WOMEN AND GIRLS AROUND THEN WORLD

LIBERAL ARTS & SCIENCES (CONTINUED)

LIBRARY (CONTINUED)

DEANS LDRSHP SEM II LAS 152 1 CREDIT
 Prereq: SELECTION BASED ON APPLICATION
 Note: COURSE MEETS ALTERNATE TUES.
 1403005 W 4:10-6:00PM
 MEETS: JAN 9-MAY 5

SPECIAL PROJECTS LAS 290D 1- 3 CREDITS
 Prereq: PERMISSION OF THE COLLEGE OF LAS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SRVC LRN INTL PERSP LAS 291C 1- 4 CREDITS
 Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 Satisfactory-Fail Only.
 3699800 BZ ARRANGED LAW L
 MEETS: MARCH 11-20
 Note: SEC BZ TAUGHT IN CAYO DISTRICT, BELIZE
 ALTERNATIVE SPRING BREAK SERVICE LEARNING.
 STUDY ABROAD SPRING 2017 TAUGHT FOR 2 CREDITS
 SPRING 2017
 TRAVEL: MARCH 11-20
 Study Abroad Administrative Fee Applies

INTERNSHIP/CO-OP LAS 298 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES;
 LAS MAJORS; SOPHOMORE CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 398 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES;
 LAS MAJORS; JUNIOR CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 STDY ENTREPRNSH LAS 490E VAR. CREDITS
 Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 Note: NO MORE THAN 9 CREDITS OF LAS 490 MAY BE
 APPLIED TOWARD GRADUATION.
 College permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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;
 LAS MAJORS; 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
 ***** 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. 18; THURS.,
 JAN. 19; WED., MARCH 22; OR THURS., MARCH 23,
 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 9-MARCH 3

4862010 2 M 10:00-10:50
 ARRANGED
 MEETS: JAN 9-MARCH 3

4862015 3 M 11:00-11:50
 ARRANGED
 MEETS: JAN 9-MARCH 3

4862020 4 M 1:10-2:00, ARRANGED
 MEETS: JAN 9-MARCH 3

4862025 5 M 2:10-3:00, ARRANGED
 MEETS: JAN 9-MARCH 3

4862030 6 T 9:00-9:50, ARRANGED
 MEETS: JAN 9-MARCH 3

4862035 7 T 10:00-10:50
 ARRANGED
 MEETS: JAN 9-MARCH 3

4862040 8 T 11:00-11:50
 ARRANGED
 MEETS: JAN 9-MARCH 3

4862045 9 T 1:10-2:00, ARRANGED
 MEETS: JAN 9-MARCH 3

4862050 10 T 2:10-3:00, ARRANGED
 MEETS: JAN 9-MARCH 3

4862055 11 W 9:00-9:50, ARRANGED
 MEETS: JAN 9-MARCH 3

INFORMATN LITERACY LIB 160 1 CREDIT
 4862060 12 W 10:00-10:50
 ARRANGED
 MEETS: JAN 9-MARCH 3

4862065 13 W 11:00-11:50
 ARRANGED
 MEETS: JAN 9-MARCH 3

4862070 14 W 1:10-2:00, ARRANGED
 MEETS: JAN 9-MARCH 3

4862075 15 W 2:10-3:00, ARRANGED
 MEETS: JAN 9-MARCH 3

4862080 16 R 9:00-9:50, ARRANGED
 MEETS: JAN 9-MARCH 3

4862085 17 R 10:00-10:50
 ARRANGED
 MEETS: JAN 9-MARCH 3

4862090 18 R 11:00-11:50
 ARRANGED
 MEETS: JAN 9-MARCH 3

4862095 19 R 1:10-2:00, ARRANGED
 MEETS: JAN 9-MARCH 3

4862100 20 R 2:10-3:00, ARRANGED
 MEETS: JAN 9-MARCH 3

4862105 21 F 9:00-9:50, ARRANGED
 MEETS: JAN 9-MARCH 3

4862110 22 F 10:00-10:50
 ARRANGED
 MEETS: JAN 9-MARCH 3

4862115 23 F 11:00-11:50
 ARRANGED
 MEETS: JAN 9-MARCH 3

4862120 24 F 1:10-2:00, ARRANGED
 MEETS: JAN 9-MARCH 3

4862125 25 F 2:10-3:00, ARRANGED
 MEETS: JAN 9-MARCH 3

4862130 26 M 9:00-9:50, ARRANGED
 MEETS: MARCH 6-MAY 5

4862135 27 M 10:00-10:50
 ARRANGED
 MEETS: MARCH 6-MAY 5

4862140 28 M 11:00-11:50
 ARRANGED
 MEETS: MARCH 6-MAY 5

4862145 29 M 1:10-2:00, ARRANGED
 MEETS: MARCH 6-MAY 5

4862150 30 M 2:10-3:00, ARRANGED
 MEETS: MARCH 6-MAY 5

4862155 31 T 9:00-9:50, ARRANGED
 MEETS: MARCH 6-MAY 5

4862160 32 T 10:00-10:50
 ARRANGED
 MEETS: MARCH 6-MAY 5

4862165 33 T 11:00-11:50
 ARRANGED
 MEETS: MARCH 6-MAY 5

4862170 34 T 1:10-2:00, ARRANGED
 MEETS: MARCH 6-MAY 5

4862175 35 T 2:10-3:00, ARRANGED
 MEETS: MARCH 6-MAY 5

4862180 36 W 9:00-9:50, ARRANGED
 MEETS: MARCH 6-MAY 5

4862185 37 W 10:00-10:50
 ARRANGED
 MEETS: MARCH 6-MAY 5

4862190 38 W 11:00-11:50
 ARRANGED
 MEETS: MARCH 6-MAY 5

4862200 39 W 1:10-2:00, ARRANGED
 MEETS: MARCH 6-MAY 5

4862205 40 W 2:10-3:00, ARRANGED
 MEETS: MARCH 6-MAY 5

4862210 41 R 9:00-9:50, ARRANGED
 MEETS: MARCH 6-MAY 5

4862215 42 R 10:00-10:50
 ARRANGED
 MEETS: MARCH 6-MAY 5

4862220 43 R 11:00-11:50
 ARRANGED
 MEETS: MARCH 6-MAY 5

4862225 44 R 1:10-2:00, ARRANGED
 MEETS: MARCH 6-MAY 5

4862230 45 R 2:10-3:00, ARRANGED
 MEETS: MARCH 6-MAY 5

4862235 46 F 9:00-9:50, ARRANGED
 MEETS: MARCH 6-MAY 5

4862240 47 F 10:00-10:50
 ARRANGED
 MEETS: MARCH 6-MAY 5

4862245 48 F 11:00-11:50
 ARRANGED
 MEETS: MARCH 6-MAY 5

4862250 49 F 1:10-2:00, ARRANGED
 MEETS: MARCH 6-MAY 5

4862255 50 F 2:10-3:00, ARRANGED
 MEETS: MARCH 6-MAY 5

LINGUISTICS

INTRO STDY LINGUIST LING 101 1 CREDIT
 7490005 A TR 3:40-4:30
 MEETS: JAN 9-MARCH 3

INTRO WORLD LANGUAG LING 119 3 CREDITS
 Note: Meets international perspectives reqmt
 6257005 1A MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
 6257010 1B MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

INTR SYMBOLIC LOGIC LING 207 3 CREDITS
 8592005 MWF 12:40-2:00 BUTLER A
 MEETS: JAN 9-MAY 5

INTRO LINGUISTICS LING 219 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 8593005 A MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 8593010 B MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC B RESTRICTED TO ENGL, LING SOPH & ABOVE
 8593015 C TR 2:10-3:30
 MEETS: JAN 9-MAY 5

DESCRP ENGL GRAMMAR LING 220 3 CREDITS
 Prereq: ENGL 250
 8594005 A MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 8594010 B TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 8594015 C TR 12:40-2:00
 MEETS: JAN 9-MAY 5

INTRO COMM DISORDER LING 275 3 CREDITS
 8596005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

INTRO CULTUR&LANGUA LING 309 3 CREDITS
 Prereq: ANTHR 201 RECOMMENDED
 Note: Meets international perspectives reqmt
 8599600 XW ARRANGED VIATORI M
 MEETS: MARCH 6-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

TOPC LINGUIST STRUC LING 320X 3 CREDITS
 Prereq: ENGL 219/LING 219, ENGL 220/LING 220
 9842005 A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

LANGUAGE & SOCIETY LING 322X 3 CREDITS
 Prereq: ENGL 219 OR LING 219
 9894005 A MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

TCH MTH ESL:ORAL CM LING 325X 3 CREDITS
 Prereq: ENGL 219 OR LING 219
 9896005 A MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

THEORY OF COMPUTING LING 331 3 CREDITS
 Prereq: COM S 228, COM S 229, COM S 330 OR CPR E
 310; MATH 166, ENGL 250
 8601005 A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 8601100 1 T 9:00-9:50
 MEETS: JAN 9-MAY 5
 8601105 2 R 3:10-4:00
 MEETS: JAN 9-MAY 5
 8601110 3 T 10:00-10:50
 MEETS: JAN 9-MAY 5

INTR SPAN/ENG TRNSL LING 351 3 CREDITS
 Prereq: SPAN 301, SPAN 303 OR SPAN 304
 Note: Meets international perspectives reqmt
 4036600 XW ARRANGED PARDO-BALLESTER
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

INTR SPANSH PHONOLG LING 352 3 CREDITS
 Prereq: SPAN 301, SPAN 303, OR SPAN 304
 Note: Meets international perspectives reqmt
 3492005 1 TR 9:30-10:50 NAGLE C
 MEETS: JAN 9-MAY 5

PHONETICS&PHONOLOGY LING 371 3 CREDITS
 Prereq: CMDIS 275 OR ENGL 219
 8595005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

LINGUISTICS

(CONTINUED)

LANGUAGE AS DATA LING 410X 3 CREDITS
 Prereq: JUNIOR STANDING
 9493005 A TR 9:30-10:50
 MEETS: JAN 9-MAY 5

PSYCH OF LANGUAGE LING 413 3 CREDITS
 Prereq: PSYCH 101
 8603005 A1 TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 8603010 A2 TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO LING MAJORS
 8603015 A3 TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 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 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

2ND LANG LRNG&TCHNG LING 425 3 CREDITS
 Prereq: ENGL 219, JUNIOR CLASSIFICATION
 9594005 A MW 4:30-5:50
 MEETS: JAN 9-MAY 5

LANG&RDG DEVEL CHLD LING 471 3 CREDITS
 Prereq: CMDIS 275 OR PSYCH 230 OR ENGL 219
 8606600 XW ARRANGED VENKATAGIRI H
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

TOP DISOR:ANAT SPCH LING 480A 3 CREDITS
 Prereq: CMDIS 275 OR LING 275; CMDIS 371
 OR LING 371; BIOL 255; PERMISSION OF INSTRUCTOR
 9356600 XW ARRANGED VENKATAGIRI H
 MEETS: JAN 9-MAY 5
 Note: 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

COMM DISORDR FLDWRK LING 492X 1- 2 CREDITS
 8983600 XW ARRANGED VENKATAGIRI H
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

2ND LANGUAGE ACQUIS LING 512 3 CREDITS
 Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
 8622005 A MW 3:40-5:00
 MEETS: JAN 9-MAY 5

LANGU ASSESS PRACTM LING 513 3 CREDITS
 Prereq: ENGL 519
 9060005 A ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

SOCIOLOGICAL LING 514 3 CREDITS
 Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
 8619006 A TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

STATISTC LANGU PROC LING 515 3 CREDITS
 Prereq: STAT 330 OR EQUIVALENT. RECOMMEND: LING
 219 OR LING 511.
 8012005 A TR 12:40-2:00
 MEETS: JAN 9-MAY 5

2ND LANUAGE ASSESSM LING 519 3 CREDITS
 Prereq: ENGL 511
 9070005 A MW 9:30-10:50
 MEETS: JAN 9-MAY 5

CPR-ASSIST LANG LRN LING 526 3 CREDITS
 Prereq: ENGL 511 OR EQUIVALENT
 7280005 A M 6:10-9:00PM
 MEETS: JAN 9-MAY 5

LINGUISTICS

(CONTINUED)

PRA TCH ENG 2ND LNG LING 588 3 CREDITS
 Prereq: 9 CREDITS TOWARD THE TESL CERTIFICATE;
 15 CREDITS TOWARD THE TESL/APPLIED LING MASTER'S
 DEGREE; OR COMPLETION OF ALL OTHER REQUIREMENTS
 FOR K-12 ESL TEACHER ENDORSEMENT.
 6550005 A ARRANGED
 MEETS: JAN 9-MAY 5

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

SMNR APPLD LINGUIST LING 630 3 CREDITS
 Prereq: ENGL 510, ENGL 511
 6567005 A MW 12:40-2:00
 MEETS: JAN 9-MAY 5
 6567010 B T 6:10-9:00PM
 MEETS: JAN 9-MAY 5

PRACTCM TEC &LINGUI LING 688 3 CREDITS
 Prereq: ENGL 510, ENGL 626, OR EQUIVALENT; AT
 LEAST SECOND YR PH.D. STUDENT IN APPLIED LING &
 TECHNOLOGY
 6574005 A ARRANGED
 MEETS: JAN 9-MAY 5

MANAGEMENT

ENTREPRENRSH&INNOV MGMT 310 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY.
 SEC A2,B2,C2 FOR COLLEGES OTHER THAN BUSINESS MAJORS.
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN

5318005 A1 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 5318010 A2 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 5318015 B1 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 5318020 B2 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 5318025 C1 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5
 5318030 C2 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5
 5318035 D1 T 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 5318040 D2 T 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 5318045 E1 TR 12:40-1:55
 MEETS: JAN 9-MAY 5
 5318050 E2 TR 12:40-1:55
 MEETS: JAN 9-MAY 5

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, SCM MAJORS ONLY
 SEC A2,B2 FOR COLLEGES OTHER THAN BUSINESS
 MAJORS.
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN

6779005 A1 T 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 6779010 A2 T 6:40-9:25PM
 MEETS: JAN 9-MAY 5

INT'L ENTREPRENRSH MGMT 367 3 CREDITS
 Prereq: JUNIOR STANDING
 Note: COURSE INCLUDES A REQUIRED STUDY ABROAD
 TRIP TO ITALY DURING SPRING BREAK 2017.
 FOR MORE INFORMATION & TO REGISTER
 CONTACT TAYLOR SHIRE -TSHIRE@IASTATE.EDU
 RESTRICTED TO COLLEGE OF BUSINESS JR & SRS EXCEPT
 P BUS WHO ARE PARTICIPATING IN STUDY ABROAD.
 Meets international perspectives reqmt
 Department permission required.

9427005 A TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS
 Prereq: ECON 101 OR ECON 102 OR EQUIVALENT
 Note: SEC A-G & K-L 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, SCM MAJORS ONLY.
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN

5282005 A MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 5282010 B MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 5282015 C TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 5282020 D MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

MANAGEMENT

(CONTINUED)

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS
 5282025 E TR 8:00-9:15
 MEETS: JAN 9-MAY 5
 5282030 F TR 9:30-10:45
 MEETS: JAN 9-MAY 5
 5282035 G TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 5282040 J MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: SEC J RESTRICTED TO ANY MAJOR OTHER THAN
 BUSINESS COLLEGE & AG B, AN S, AST, FS A, HORT,
 I R, I TEC MAJORS

5282045 K TR 8:00-9:15
 MEETS: JAN 9-MAY 5
 5282050 L MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 5282055 M TR 2:10-3:25
 MEETS: JAN 9-MAY 5
 5282060 N W 6:40-9:25PM
 MEETS: JAN 9-MAY 5

ORGANIZATNAL BEHAVR MGMT 371 3 CREDITS
 Prereq: MGMT 370
 Note: SEC A1,B1 RESTRICTED ACCT, BUS S, BUS U,
 BUSEC, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY.
 SEC A2,B2 FOR COLLEGES OTHER THAN BUS COLLEGE
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN

5283005 A1 M 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 5283010 A2 M 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 5283015 B1 TR 9:30-10:45
 MEETS: JAN 9-MAY 5
 5283020 B2 TR 9:30-10:45
 MEETS: JAN 9-MAY 5
 5283025 C1 TR 2:10-3:25
 MEETS: JAN 9-MAY 5
 5283030 C2 TR 2:10-3:25
 MEETS: JAN 9-MAY 5

RESPONSBL MGT BSNSS MGMT 372X 3 CREDITS
 Prereq: PHIL 230
 Note: COURSE RESTRICTED TO ACCT, AG B, BUS S,
 BUS U, BUSEC, FIN, MGMT, MKT, MIS, SCM UNDERGRADS
 ONLY. NOT OPEN TO P BUS OR GRADUATE STUDENTS
 WITHOUT PERMISSION FROM 1200 GERDIN

4460005 A TR 2:10-3:25
 MEETS: JAN 9-MAY 5

INTERNATIONAL MGMT MGMT 414 3 CREDITS
 Note: SEC A1,B1 ETC RESTRICTED TO AG B, I TEC, I BUS,
 MGMT MAJORS ONLY. SEC A2, B2 ECT. FOR ACCT,
 BUSEC, FIN, MGMT, MIS, MKT, SCM MAJORS.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR
 PERMISSION.

5285005 A1 W 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 5285010 A2 W 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 5285015 B1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 5285020 B2 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

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
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN

5293005 A1 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 5293010 A2 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 5293015 B1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 5293020 B2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

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 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 FIN, MGMT, MIS, MKT, SCM MAJORS ONLY.

4444010 A2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE

4444015 B1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC B1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC
 FIN, MGMT, MIS, MKT, SCM MAJORS ONLY.

4444020 B2 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC B2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE

MANAGEMENT

(CONTINUED)

STRATEGIC MANAGEMNT MGMT 478 3 CREDITS
 Prereq: MGMT 370; ACCT 285; FIN 301; MKT 340;
 SCM 301; GRADUATING SENIOR
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING
 2016 IN THE COLLEGE OF BUSINESS
 5294005 A TR 8:00-9:20
 MEETS: JAN 9-MAY 5
 5294010 B TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 5294015 C TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 5294020 D TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 5294025 E TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 5294030 F TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 5294035 G MW 5:10-6:25PM
 MEETS: JAN 9-MAY 5
 5294040 J M 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 5294045 K TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 5294050 L T 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 5294055 M MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 5294060 N R 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 5294065 P MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 5294070 Q MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 5294765 R MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 5294770 S W 6:40-9:25PM
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY MGMT 490 1- 3 CREDITS
 Prereq: MGMT 370, SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTL ENTRPRENEURSHP MGMT 567 3 CREDITS
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 3728600 XW ARRANGED
 MEETS: JAN 9-APRIL 6
 Note: Section XW is off campus
 Course delivery is WWW

PERSONALITY & MGMT MGMT 572 3 CREDITS
 Prereq: GRADUATE STANDING OR PERMISSION OF
 INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 9258005 A W 6:40-10:00PM ANDERSON M
 MEETS: JAN 11-APRIL 5

STRATEG MGT INNOVAT MGMT 583 3 CREDITS
 Prereq: MGMT 504 OR PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 5816005 A T 6:40-10:00PM
 MEETS: JAN 10-APRIL 4

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

PHILOSOPHY OF SCIENC MGMT 601 3 CREDITS
 Prereq: ENROLLMENT IN PH D PROGRAM
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 7256005 A T 9:00-11:50
 MEETS: JAN 9-MAY 5

SEM IN ORGNZ BEHAV MGMT 604 3 CREDITS
 Prereq: ENROLLMENT IN PH D PROGRAM
 7274005 A W 2:10-5:00
 MEETS: JAN 9-MAY 5

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 8:00-8:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO BUS COLLEGE STUDENTS ONLY
 6633010 2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 2 RESTRICTED TO BUS COLLEGE STUDENTS ONLY
 6633015 3 MWF 10:00-10:50 PRABHU G
 R 3:10-4:00
 MEETS: JAN 9-MAY 5
 6633020 4 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC 4 RESTRICTED TO BUS COLLEGE STUDENTS ONLY
 6633600 XW ARRANGED CHANG C
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

MANAGEMENT INFORMATION SYSTEMS

(CONTINUED)

MGMT INFO SYSTEMS MIS 301 3 CREDITS
 Prereq: MIS 301
 Note: SEC A1, B1 ETC FOR COLLEGE OF BUSINESS MAJORS
 EXCEPT P BUS. SEC A2, B2 FOR MAJORS OTHER THAN THE
 COLLEGE OF BUSINESS MAJORS
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN
 4394005 A1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 4394010 A2 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 4394015 B1 TR 2:10-3:25
 MEETS: JAN 9-MAY 5
 4394020 B2 TR 2:10-3:25
 MEETS: JAN 9-MAY 5
 4394025 C1 TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 4394030 C2 TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 4394035 D1 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5
 4394040 D2 MWF 3:10-5:00
 MEETS: JAN 9-MAY 5
 4394045 E1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 4394050 E2 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 4394055 F1 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 4394060 F2 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 4394065 G1 M 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 4394070 G2 M 6:40-9:25PM
 MEETS: JAN 9-MAY 5
 4394075 J1 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 4394080 J2 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 4394085 K1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 4394090 K2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 4394095 L1 TR 9:30-10:45
 MEETS: JAN 9-MAY 5
 4394100 L2 TR 9:30-10:45
 MEETS: JAN 9-MAY 5
 4394105 M1 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 4394110 M2 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 4394115 N1 TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 4394120 N2 TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 4394125 P1 TR 8:00-9:15
 MEETS: JAN 9-MAY 5
 4394130 P2 TR 8:00-9:15
 MEETS: JAN 9-MAY 5

INTMD BSNESS PRGRMG MIS 307 3 CREDITS
 Prereq: MIS 207/COM S 207 OR COM S 227;
 CREDIT OR ENROLLMENT IN MIS 301
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN
 9608005 A1 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 9608010 A2 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 9608015 B1 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 9608020 B2 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 5290010 A2 TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 5290015 B1 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5
 5290020 B2 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5

DATABASE MGT SYSTMS MIS 320 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301
 Note: SEC A1,B1 RESTRICTED TO MIS MAJORS ONLY.
 A2,B2 FOR COLLEGE OF BUSINESS MAJORS EXCEPT
 P BUS & MIS.
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN
 5289005 A1 TR 8:00-9:15
 MEETS: JAN 9-MAY 5
 5289010 A2 TR 8:00-9:15
 MEETS: JAN 9-MAY 5
 5289015 B1 TR 9:30-10:45
 MEETS: JAN 9-MAY 5
 5289020 B2 TR 9:30-10:45
 MEETS: JAN 9-MAY 5
 5289025 C1 R 6:40-9:25PM
 MEETS: JAN 9-MAY 5

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

DATABASE MGT SYSTMS MIS 320 3 CREDITS
 5289030 C2 R 6:40-9:25PM
 MEETS: JAN 9-MAY 5

PROJECT MANAGEMENT MIS 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301
 Note: SEC A1, B1 ETC RESTRICTED TO BUS COLLEGE MAJORS ONLY. SEC A2,B2 ETC FOR MAJORS OTHER THAN BUS COLLEGE COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

4561005 A1 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

4561010 A2 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

4561015 B1 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

4561020 B2 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

4561025 C1 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5

4561030 C2 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5

SPRDSH-BS MKT ANLYT MIS 368X 3 CREDITS
 Prereq: MKT 340

4024005 A1 MW 5:10-6:25PM
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO COLLEGE OF BUSINESS MAJORS EXCEPT P BUS

4024010 A2 MW 5:10-6:25PM
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN COLLEGE OF BUSINESS

ADV BSNESS PROGRMNG MIS 407 3 CREDITS
 Prereq: MIS 307

1775005 A1 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY

1775010 A2 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, SCM & MKT UNDERGRADS ONLY

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, MGMT, MKT, SCM MAJORS ONLY. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION

6396005 A1 TR 9:30-10:45
 MEETS: JAN 9-MAY 5

6396010 A2 TR 9:30-10:45
 MEETS: JAN 9-MAY 5

INTRO BSNSS ANLYTCS MIS 436 3 CREDITS
 Prereq: MIS 320

8713005 A1 TR 2:10-3:25
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY

8713010 A2 TR 2:10-3:25
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, SCM & MKT UNDERGRADS ONLY

ENTERPRISE SYS&ARCH MIS 445 3 CREDITS
 Prereq: MIS 301
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY

7696005 A TR 2:10-3:25
 MEETS: JAN 9-MAY 5

ADV BUSINSS ANLYTIC MIS 446 3 CREDITS
 Prereq: MIS 320

9113005 A1 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY

9113010 A2 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, MKT & SCM UNDERGRADS ONLY

INFO SYSTM DEVELPMT MIS 447 3 CREDITS
 Prereq: MIS 301

5291005 A1 TR 8:00-9:15
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY

5291010 A2 TR 8:00-9:15
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, MKT & SCM UNDERGRADS ONLY

ERP SYS&SUPPLY CHAIN MIS 450 3 CREDITS
 Prereq: SCM 301, MIS 330 OR I E 148, I E 341

6653005 A1 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO MIS, SCM UNDERGRADS ONLY

6653010 A2 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR COLLEGE OF BUSINESS MAJORS EXCEPT EXCLUDING SCM, MIS, P BUS

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

INDEPENDENT STUDY MIS 490 1- 3 CREDITS
 Prereq: MIS 301, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MIS CASE COMPETITIO MIS 495X 3 CREDITS
 Prereq: MIS 301
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY

4519005 A T 5:10-6:25PM
 ARRANGED
 MEETS: JAN 9-MAY 5

MANAGEMT INFO SYSTM MIS 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
 Note: Department permission required 1st week.

9126005 A TR 7:30-10:50 SCHEIBE K
 MEETS: JAN 10-FEB 16

9126010 B M 6:40-10:00PM
 MEETS: JAN 9-APRIL 3

9126600 XA TR 5:50-9:10PM SCHEIBE K
 MEETS: JAN 10-FEB 16
 Note: FOR PERMISSION TO ENROLL, CONTACT DEBBIE JOHNSON DLJOHNS@IASTATE.EDU 515-294-5133
 Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by CAPITAL SQUARE

BUSINESS DATA MIS 515X 3 CREDITS
 8617600 XA W 5:50-9:10PM
 MEETS: JAN 11-APRIL 5
 Note: Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by CAPITAL SQUARE

TELECOMMUNICTNS MGT MIS 535 3 CREDITS
 Prereq: MIS 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

8679005 A TR 11:00-12:15
 MEETS: JAN 9-MAY 5

BSNSS ANLYTIC FNDTN MIS 536X 3 CREDITS
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

8798005 A W 6:40-10:00PM
 MEETS: JAN 11-APRIL 5

BUS PROCESS SYSTEMS MIS 538 3 CREDITS
 Prereq: MIS 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

2259005 A R 6:10-10:00PM
 MEETS: JAN 9-MAY 5

TOPICS MGT INFO SYS MIS 539 3 CREDITS
 Prereq: MIS 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

7953005 A R 6:40-10:00PM
 MEETS: JAN 12-APRIL 6

7953600 XA M 5:50-9:10PM DAVIS J
 MEETS: JAN 9-APRIL 3
 Note: Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by CAPITAL SQUARE

INSURANCE ANALYTICS MIS 541X 3 CREDITS
 9903600 XA T 5:50-9:10PM PARSA R
 MEETS: JAN 10-APRIL 4
 Note: Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by CAPITAL SQUARE

ADV BSNESS ANLYTICS MIS 546X 3 CREDITS
 9880005 A T 6:40-10:00PM
 MEETS: JAN 10-APRIL 4

9880600 XA R 5:50-9:10PM PARSA R
 MEETS: JAN 12-APRIL 6
 Note: Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by CAPITAL SQUARE

SPECIAL TOPICS MIS 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES SEMINAR IN MIS MIS 598 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

8081005 A W 2:00-5:20
 MEETS: JAN 11-APRIL 5

8081010 B T 6:40-10:00PM
 MEETS: JAN 10-APRIL 4

CREATIVE COMPONENT MIS 599 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF SUPERVISORY COMMITTEE CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

COLLAB,KNWLG IN ORG MIS 604 3 CREDITS
 Prereq: MIS 601
 7536005 A R 9:00-11:50
 MEETS: JAN 9-MAY 5

RESEARCH MIS 699 3- 6 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MARKETING

PRIN OF MARKETING MKT 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN ECON 101
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS
 WITHOUT PERMISSION FROM 1200 GERDIN

5352005 A MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 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, MGMT, MIS, MKT, P S A, SCM.

5352010 B TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 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, MGMT, MIS, MKT, P S A, SCM.

5352015 C TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 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, MGMT, MIS, MKT, P S A, SCM.

5352020 D MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 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, MGMT, MIS, MKT, P S A, SCM.

5352025 E MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC E RESTRICTED TO ANY MAJOR OTHER THAN
 BUSINESS COLLEGE OR AG B, AG SO, AN S, AST, DY S,
 FS A, HORT, I TEC, P S A

5352030 F MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: SEC F 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, MGMT, MIS, MKT, P S A, SCM.

5352035 G TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5
 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, MGMT, MIS, MKT, P S A, SCM.

5352040 J MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 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, MGMT, MIS, MKT, P S A, SCM.

5352045 K T 6:40-9:45PM
 MEETS: JAN 9-MAY 5
 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, MGMT, MIS, MKT, P S A, SCM.

5352050 L TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 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, MGMT, MIS, MKT, P S A, SCM.

5352055 M MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 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,
 I BUS, MGMT, MIS, MKT, P S A, SCM.

5352060 N MW 5:10-6:25PM
 MEETS: JAN 9-MAY 5
 Note: SEC N 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, MGMT, MIS, MKT, P S A, SCM.

PERSONAL SALES MKT 343 3 CREDITS

Prereq: MKT 340
 Note: SEC A1,B1 ETC RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, FIN, I BUS, MGMT, MIS, MKT, SCM
 MAJORS ONLY. SECTIONS A2,B2 ETC FOR COLLEGES OTHER
 THAN BUSINESS.
 COURSE NOT OPEN TO GRADUATE STUDENTS
 WITHOUT PERMISSION FROM 1200 GERDIN

5354005 A1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

5354010 A2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

5354015 B1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

5354020 B2 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

5354025 C1 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

5354030 C2 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

5354035 D1 R 6:40-9:25PM
 MEETS: JAN 9-MAY 5

5354040 D2 R 6:40-9:25PM
 MEETS: JAN 9-MAY 5

MARKETING (CONTINUED)

SPRDSH-BS MKT ANLYT MKT 368X 3 CREDITS
 Prereq: MKT 340
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS
 WITHOUT PERMISSION FROM 1200 GERDIN

4023005 A1 MW 5:10-6:25PM
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO COLLEGE OF BUSINESS MAJORS
 EXCEPT P BUS

4023010 A2 MW 5:10-6:25PM
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN COLLEGE OF
 BUSINESS

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 9-MAY 5

5355010 A2 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

5355015 B1 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

5355020 B2 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

SALES MANAGEMENT MKT 442 3 CREDITS
 Prereq: MKT 340

5357005 A1 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO MKT MAJORS ONLY.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION

5357010 A2 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN MKT, P BUS.
 GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION

5357015 B1 TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC B1 RESTRICTED TO MKT MAJORS ONLY.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION

5357020 B2 TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC B2 FOR MAJORS OTHER THAN MKT, P BUS.
 GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION

STRATEGC MRKTNG MGT MKT 443 3 CREDITS
 Prereq: MKT 444, MKT 447
 Note: COURSE RESTRICTED TO MKT MAJORS ONLY GRADUATING
 SPRING 2017 OR SUMMER 2014

5358005 A TR 11:00-12:15
 MEETS: JAN 9-MAY 5

5358010 B TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5

5358015 C TR 12:40-1:55
 MEETS: JAN 9-MAY 5

5358020 D R 6:40-9:25PM
 MEETS: JAN 9-MAY 5

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 M 6:40-9:25PM
 MEETS: JAN 9-MAY 5

5359010 B MW 5:10-6:25PM
 MEETS: JAN 9-MAY 5

5359015 C MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

5359020 D MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

CUSTOMER RELATN MGT MKT 445 3 CREDITS
 Prereq: MKT 340
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS
 WITHOUT PERMISSION FROM 1200 GERDIN

9068005 A1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

9068010 A2 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

5362010 A2 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

5362015 B1 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

5362020 B2 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

5362025 C1 TR 8:00-9:15
 MEETS: JAN 9-MAY 5

5362030 C2 TR 8:00-9:15
 MEETS: JAN 9-MAY 5

5362035 D1 TR 9:30-10:45
 MEETS: JAN 9-MAY 5

5362045 D2 TR 9:30-10:45
 MEETS: JAN 9-MAY 5

MARKETING (CONTINUED)

GLOBAL MARKETING MKT 448 3 CREDITS
 Prereq: MKT 340
 Note: GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 COURSE FOR MKT, I BUS MAJORS WHO ARE NOT
 PARTICIPATING IN SPRING BREAK STUDY TOUR.
 9609005 A MW 5:10-6:25PM
 MEETS: JAN 9-MAY 5

BRAND MANAGEMENT MKT 453 3 CREDITS
 Prereq: MKT 447
 Note: SEC A1, B1 RESTRICTED TO MKT MAJORS ONLY.
 SEC A2 FOR MAJORS OTHER THAN IN COLLEGE
 OF BUSINESS
 COURSE NOT OPEN TO GRADUATE STUDENTS
 WITHOUT PERMISSION FROM 1200 GERDIN
 5127005 A1 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 5127010 A2 TR 11:00-12:15
 MEETS: JAN 9-MAY 5
 5127015 B1 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5
 5127020 B2 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY MKT 490 1- 3 CREDITS
 Prereq: MKT 340, SENIOR CLASSIFICATION;
 PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MARKETING MKT 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 9392005 A MW 7:30-10:50 RAJU S
 MEETS: FEB 20-APRIL 5
 Note: RESTRICTED TO BUSAD GRADS ONLY
 9392600 XA MW 5:50-9:10PM RAJU S
 MEETS: FEB 20-APRIL 5
 Note: FOR PERMISSION TO ENROLL, CONTACT DEBBIE JOHNSON
 DLJOHNS@IASTATE.EDU 515-294-5133
 Department permission required.
 Section XA is off campus
 Course delivery is FF
 Taught at, in or by CAPITAL SQUARE

INT'L MARKETING MKT 541 3 CREDITS
 Prereq: MKT 501, MKT 509
 8678005 A T 6:40-10:00PM
 MEETS: JAN 10-APRIL 4

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 T 1:10-4:00
 MEETS: JAN 9-MAY 5

MATERIALS ENGINEERING

STRUCTRL CHARAC MAT MAT E 214 3 CREDITS
 Prereq: MAT E 215, CR OR ENROLLMENT IN PHYS 221
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 6333005 A MW 12:10-1:00
 M 1:10-3:00
 MEETS: JAN 9-MAY 5
 6333010 B MW 12:10-1:00
 R 1:10-3:00
 MEETS: JAN 9-MAY 5
 6333015 C MW 12:10-1:00
 T 9:00-11:00
 MEETS: JAN 9-MAY 5
 6333020 D MW 12:10-1:00
 T 1:10-3:00
 MEETS: JAN 9-MAY 5
 6333025 E MW 12:10-1:00
 R 9:00-11:00
 MEETS: JAN 9-MAY 5

INTRO MTRLS SCI&E I MAT E 215 3 CREDITS
 Prereq: MATH 165; CHEM 177 OR CHEM 167
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY
 BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 273,
 MAT E 392.
 COURSE RESTRICTED TO MAT E MAJORS ONLY
 7495005 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

INTRO MAT S&E LAB I MAT E 215L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MAT E 215 OR
 MAT E 272 OR MAT E 392; MAJOR IN MATERIALS
 ENGINEERING
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 7496005 1 T 11:00-12:50
 MEETS: JAN 9-MAY 5
 7496010 2 R 11:00-12:50
 MEETS: JAN 9-MAY 5

MATERIALS ENGINEERING (CONTINUED)

INTRO MATRLS SCI II MAT E 216 3 CREDITS
 Prereq: MAT E 215, CHEM 178, CREDIT OR
 ENROLLMENT IN PHYS 222
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 7497005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

INTRO M S E II LAB MAT E 216L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MAT E 216
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 2904005 A M 3:10-5:00
 MEETS: JAN 9-MAY 5
 2904010 B W 3:10-5:00
 MEETS: JAN 9-MAY 5
 2904015 C R 3:10-5:00
 MEETS: JAN 9-MAY 5
 2904020 D T 3:10-5:00
 MEETS: JAN 9-MAY 5
 2904025 E F 11:00-1:00
 MEETS: JAN 9-MAY 5

GLOBAL SUSTAINABLY 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 9-MAY 5

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 A MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 3814010 B MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

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

KINETC&PHASE EQ MAT MAT E 314 3 CREDITS
 Prereq: MAT E 216, MAT E 311
 6575005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

COMPUT MTHDS MATRLS MAT E 316 3 CREDITS
 Prereq: MAT E 215
 6576005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

CERAM PROCES:FIRING MAT E 322 3 CREDITS
 Prereq: MAT E 216, MAT E 321
 6592005 A MW 9:00-9:50
 T 8:00-10:50
 MEETS: JAN 9-MAY 5
 6592010 B MW 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

ELEC&MAGN PROP MTRL MAT E 334 3 CREDITS
 Prereq: MAT E 317
 6596005 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5
 6596010 B MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

PHYS MET FERR ALLOY MAT E 343 3 CREDITS
 Prereq: MAT E 214; MAT E 215 OR MAT E 273
 OR MAT E 392, CREDIT OR ENROLLMENT IN MAT E 311
 6679005 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5

SOLIDIFICATN PROCES MAT E 348 3 CREDITS
 Prereq: I E 248 AND MAT E 273
 4314200 1 MWF 9:00-9:50 PETERS F
 MEETS: JAN 9-MAY 5
 4314205 2 MWF 10:00-10:50 PETERS F
 MEETS: JAN 9-MAY 5
 4314005 A T 8:00-9:50
 MEETS: JAN 9-MAY 5
 4314010 B R 8:00-9:50
 MEETS: JAN 9-MAY 5
 4314015 C T 10:00-11:50
 MEETS: JAN 9-MAY 5
 4314020 D R 10:00-11:50
 MEETS: JAN 9-MAY 5
 4314025 E T 1:10-3:00
 MEETS: JAN 9-MAY 5
 4314030 F R 1:10-3:00
 MEETS: JAN 9-MAY 5
 4314035 G M 1:10-3:00
 MEETS: JAN 9-MAY 5

MATERIALS ENGINEERING (CONTINUED)

MATERIALS ENGINEERING (CONTINUED)

SOLIDIFICATN PROCES MAT E 348 3 CREDITS
 4314040 J W 1:10-3:00
 MEETS: JAN 9-MAY 5
 4314045 K F 1:10-3:00
 MEETS: JAN 9-MAY 5
 4314050 L M 3:10-5:00
 MEETS: JAN 9-MAY 5
 4314055 M T 3:10-5:00
 MEETS: JAN 9-MAY 5
 4314060 N W 3:10-5:00
 MEETS: JAN 9-MAY 5
 4314065 P R 3:10-5:00
 MEETS: JAN 9-MAY 5

INTR POLYMER MATRLS MAT E 351 3 CREDITS
 Prereq: MAT E 216, CHEM 331
 6615005 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

PRIN NONDESTRC TEST MAT E 362 3 CREDITS
 Prereq: PHYS 112 OR PHYS 222
 5045005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 5045600 XE ARRANGED BOWLER N
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

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 9-MAY 5
 5046010 B T 3:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 5939010 B T 5:10-8:00PM
 ARRANGED
 MEETS: JAN 9-MAY 5

INTRO WOMN IN INDUS MAT E 391 3 CREDITS
 Note: CREDIT TOWARD GRADUATION FOR MAT E 391 ALLOWABLE
 ONLY UPON COMPLETION OF MAT E 392
 Meets U.S. diversity reqmt
 Satisfactory-Fail Only.
 5681005 TR 5:10-6:00PM
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

TOP SUSTN ENG ITALY MAT E 394 3 CREDITS
 Prereq: CHEM 167 OR CHEM 177
 9687005 T 6:10-8:00PM
 ARRANGED
 MEETS: JAN 9-MAY 5

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 I MAT E 413 3 CREDITS
 Prereq: SENIOR STATUS IN MAT E
 6628005 MWF 2:10-3:00
 ARRANGED
 MEETS: JAN 9-MAY 5

PRO PRACTICE II MAT E 414 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 6650005 MWF 2:10-3:00
 ARRANGED
 MEETS: JAN 9-MAY 5

MECHANCL BEHAVR MAT MAT E 418 3 CREDITS
 Prereq: MAT E 216
 6585005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

MICROELEC FABRICATN MAT E 432 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN E E 332
 6677005 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 9-MAY 5

ADV ELECTRN MATERLS MAT E 433 3 CREDITS
 Prereq: MAT E 317
 6676005 MW 9:00-9:50
 F 9:00-9:50, ARRANGED
 MEETS: JAN 9-MAY 5

CORROSN&FAILUR ANLY MAT E 444 3 CREDITS
 Prereq: MAT E 215 OR MAT E 273 OR MAT E 392;
 CREDIT OR ENROLLMENT IN MAT E 418
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 6680005 A TR 11:00-11:50
 T 3:10-4:00, ARRANGED
 MEETS: JAN 9-MAY 5
 6680010 B TR 11:00-11:50
 T 4:10-5:00, ARRANGED
 MEETS: JAN 9-MAY 5
 6680015 C TR 11:00-11:50
 T 1:10-2:00, ARRANGED
 MEETS: JAN 9-MAY 5
 6680600 XE ARRANGED CHUMBLEY S
 MEETS: JAN 9-MAY 5
 Note: THIS SECTION IS OPEN TO ALL MAJORS.
 Section XE is off campus
 Course delivery is WWW

STRUC HEALTH MONITR MAT E 449 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN ENGINEERING
 OR PERMISSION OF INSTRUCTOR
 1703005 1 MW 10:00-11:30
 MEETS: JAN 9-MAY 5

POLYMR CMPOSIT&PROC MAT E 454 3 CREDITS
 Prereq: MAT E 351
 6683005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

MULTIDISC ENGR DSGN MAT E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS
 OF GRADUATION, PERMISSION OF INSTRUCTOR
 1740005 A MWF 3:10-5:00
 MEETS: JAN 9-MAY 5

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 DEPRMTNT AND
 ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS SCIENCE & ENGINEERING

BHV&MFG POLYM&CMPOS M S E 521 3 CREDITS
 Prereq: M E 324 OR MAT E 272 AND E M 324
 5075005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5
 8550600 XE ARRANGED HOLLAND S
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

CHARACTRZTN METHODS M S E 551 3 CREDITS
 Prereq: MAT E 214
 1925005 MW 10:00-10:50
 W 1:10-4:00
 MEETS: JAN 9-MAY 5

SCAN&AUGER MICRSCPY M S E 552 3 CREDITS
 Prereq: PHYS 222
 5092600 XE ARRANGED CHUMBLEY S
 MEETS: JAN 9-MAY 5
 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 12:40-2:00
 MEETS: JAN 9-MAY 5

MCH COMPOSITE MATLS M S E 569 3 CREDITS
 Prereq: E M 324
 5602005 1 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

SPECIAL TOPICS M S E 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS SEMINAR M S E 601 1 CREDIT
 Prereq: GRADUATE STANDING IN THE M S E DEPARTMENT
 Satisfactory-Fail Only.
 6399005 R 3:10-4:00
 MEETS: JAN 9-MAY 5

MATERIALS SCIENCE & ENGINEERING (CONTINUED)

TRANSM ELECTN MICRO M S E 652 3 CREDITS
 Prereq: M S E 510
 9721005 M 2:10-4:00, ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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

MATHEMATICS

HIGH SCHOOL ALGEBRA MATH 10 0 CREDITS
 Note: DEVELOPMENTAL MATH FEE APPLIES. SEE
 HTTP://WWW.IASTATE.EDU/-REGISTRAR/FEES/FEEINFO.HTML
 FOR MORE INFORMATION ON THIS FEE.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.

5115005 A MTRF 11:00-11:50
 MEETS: JAN 9-MAY 5

5115010 B MTRF 11:00-11:50
 MEETS: JAN 9-MAY 5

5115015 C MTRF 1:10-2:00
 MEETS: JAN 9-MAY 5

5115020 D MTRF 1:10-2:00
 MEETS: JAN 9-MAY 5

INTRO TO PROBABILTY MATH 104 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
 HIGH SCHOOL GEOMETRY
 Note: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS
 EARNED IN MATH 104 CANNOT BE APPLIED TOWARD
 GRADUATION BY MATH MAJORS.

5128005 A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

INTRO TO MATH IDEAS MATH 105 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
 HIGH SCHOOL GEOMETRY
 Note: CREDITS EARNED IN MATH 105 CANNOT BE APPLIED
 TOWARD GRADUATION BY MATH MAJORS

5129005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

COLLEGE ALGEBRA MATH 140 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
 HIGH SCHOOL GEOMETRY OR MATH 30
 Note: CREDITS EARNED IN MATH 140 CANNOT BE APPLIED
 TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE
 COLLEGE OF LIBERAL ARTS AND SCIENCES MAY NOT APPLY
 MATH 140 TOWARD THE GEN ED REQUIREMNTS FOR GRADUATION

5132005 1 TR 8:00-8:50
 MW 8:00-8:50
 MEETS: JAN 9-MAY 5

5132010 2 TR 8:00-8:50
 MW 9:00-9:50
 MEETS: JAN 9-MAY 5

5132015 3 TR 8:00-8:50
 MW 10:00-10:50
 MEETS: JAN 9-MAY 5

5132020 4 TR 8:00-8:50
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

5132025 5 TR 8:00-8:50
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

5132030 6 TR 8:00-8:50
 MW 1:10-2:00
 MEETS: JAN 9-MAY 5

5132035 7 TR 8:00-8:50
 MW 2:10-3:00
 MEETS: JAN 9-MAY 5

5132040 8 WF 12:10-1:00
 TR 8:00-8:50
 MEETS: JAN 9-MAY 5

5132045 9 WF 12:10-1:00
 TR 9:00-9:50
 MEETS: JAN 9-MAY 5

5132050 10 WF 12:10-1:00
 TR 10:00-10:50
 MEETS: JAN 9-MAY 5

5132055 11 WF 12:10-1:00
 TR 11:00-11:50
 MEETS: JAN 9-MAY 5

5132060 12 WF 12:10-1:00
 TR 12:10-1:00
 MEETS: JAN 9-MAY 5

5132065 13 WF 12:10-1:00
 TR 1:10-2:00
 MEETS: JAN 9-MAY 5

MATHEMATICS (CONTINUED)

PREP FOR CALCULUS MATH 143 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA; 1 YEAR OF
 HIGH SCHOOL GEOMETRY OR MINIMUM OF C- IN MATH 140
 Note: CREDIT FOR EITHER MATH 143 OR MATH 145, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT
 FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED
 TOWARD GRADUATION: MATH 141, MATH 142, MATH 143.
 STUDENTS IN THE LAS COLLEGE MAY NOT APPLY MATH 143
 TOWARD GENERAL EDUCATION REQUIREMENTS.

7342005 A MW 2:10-3:00
 TR 12:10-1:00
 MEETS: JAN 9-MAY 5

7342010 B MW 2:10-3:00
 TR 12:10-1:00
 MEETS: JAN 9-MAY 5

7342015 C MW 2:10-3:00
 TR 1:10-2:00
 MEETS: JAN 9-MAY 5

7342020 D MW 2:10-3:00
 TR 1:10-2:00
 MEETS: JAN 9-MAY 5

7342025 E MW 2:10-3:00
 TR 2:10-3:00
 MEETS: JAN 9-MAY 5

7342030 F MW 2:10-3:00
 TR 4:10-5:00
 MEETS: JAN 9-MAY 5

7342035 G MW 2:10-3:00
 TR 8:00-8:50
 MEETS: JAN 9-MAY 5

7342040 H MW 2:10-3:00
 TR 11:00-11:50
 MEETS: JAN 9-MAY 5

APPLD TRIGONOMETRY MATH 145 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA; 1 YEAR OF
 HIGH SCHOOL GEOMETRY OR MINIMUM OF C- IN MATH 140
 Note: CREDIT IN EITHER MATH 143 OR MATH 145, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. STUDENTS IN
 THE LAS COLLEGE MAY NOT APPLY MATH 145 TOWARD THE
 GENERAL EDUCATION REQUIREMENTS. COURSE NOT OPEN TO
 ENGINEERING COLLEGE MAJORS.

9173005 A MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 9-MAY 5

9173010 B MF 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 9-MAY 5

9173015 C MF 8:00-8:50
 W 11:00-11:50
 MEETS: JAN 9-MAY 5

9173020 D MF 8:00-8:50
 W 1:10-2:00
 MEETS: JAN 9-MAY 5

DISC MATH BUS&SOC S MATH 150 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
 HIGH SCHOOL GEOMETRY
 Note: COURSE IS A WORLD WIDE WEB LECTURE. THE
 SCHEDULED HOUR IS FOR LAB SESSIONS ONLY.
 CREDIT FOR EITHER MATH 104 OR MATH 150, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 CREDITS EARNED IN MATH 150 CANNOT BE APPLIED
 TOWARD GRADUATION BY MATH MAJORS.

5135005 A ARRANGED, T 9:00-9:50
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135040 H ARRANGED
 W 10:00-10:50
 MEETS: JAN 9-MAY 5

MATHEMATICS

(CONTINUED)

DISC MATH BUS&SOC S MATH 150 3 CREDITS
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135135 R ARRANGED, R 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135140 T ARRANGED, R 3:10-4:00
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135145 U ARRANGED, F 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135150 V ARRANGED
 F 10:00-10:50
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

BUS & SOC SCI CALC MATH 151 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY; OR MATH 140
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182. CREDITS EARNED IN MATH 151 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5136005 A MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 9-MAY 5

5136010 B MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 9-MAY 5

5136015 C MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 9-MAY 5

5136020 D MF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 9-MAY 5

5136025 E MF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 9-MAY 5

5136030 F MF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 9-MAY 5

5136040 G MF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 9-MAY 5

5136090 H MF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 9-MAY 5

5136045 J MF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 9-MAY 5

5136050 K MF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 9-MAY 5

5136055 L MF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 9-MAY 5

MATHEMATICS

(CONTINUED)

BUS & SOC SCI CALC MATH 151 3 CREDITS
 5136060 M MF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 9-MAY 5

5136065 N MF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 9-MAY 5

5136070 P MF 8:00-8:50
 T 12:10-1:00
 MEETS: JAN 9-MAY 5

5136075 Q MF 8:00-8:50
 T 12:10-1:00
 MEETS: JAN 9-MAY 5

SURVEY OF CALCULUS MATH 160 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA; 1 YEAR OF GEOMETRY OR MATH 143
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182. IF MATH 165, MATH 160 AND MATH 151 ARE TAKEN, ONLY 5 CREDITS CAN BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 160 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5137005 1 MWF 2:10-3:00
 T 8:00-8:50
 MEETS: JAN 9-MAY 5

5137010 2 MWF 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 9-MAY 5

5137015 3 MWF 2:10-3:00
 T 12:10-1:00
 MEETS: JAN 9-MAY 5

5137020 4 MWF 2:10-3:00
 T 10:00-10:50
 MEETS: JAN 9-MAY 5

5137025 5 MWF 2:10-3:00
 T 10:00-10:50
 MEETS: JAN 9-MAY 5

CALCULUS I MATH 165 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY; 1 SEMESTER OF TRIGONOMETRY OR MATH 143
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

5138005 1 MTWF 8:00-8:50
 MEETS: JAN 9-MAY 5

5138010 2 MWF 8:00-8:50
 T 12:10-1:00
 MEETS: JAN 9-MAY 5

5138015 3 MWF 8:00-8:50
 T 1:10-2:00
 MEETS: JAN 9-MAY 5

5138020 4 MWF 8:00-8:50
 T 2:10-3:00
 MEETS: JAN 9-MAY 5

5138025 5 MWF 8:00-8:50
 T 2:10-3:00
 MEETS: JAN 9-MAY 5

5138030 6 MWF 8:00-8:50
 T 3:10-4:00
 MEETS: JAN 9-MAY 5

5138035 7 MWF 8:00-8:50
 T 3:10-4:00
 MEETS: JAN 9-MAY 5

5138040 8 MTWF 9:00-9:50
 MEETS: JAN 9-MAY 5

5138045 9 MWF 10:00-10:50
 T 8:00-8:50
 MEETS: JAN 9-MAY 5

5138050 10 MWF 10:00-10:50
 T 8:00-8:50
 MEETS: JAN 9-MAY 5

5138055 11 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 9-MAY 5

5138060 12 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 9-MAY 5

5138065 13 MWF 10:00-10:50
 T 12:10-1:00
 MEETS: JAN 9-MAY 5

5138070 14 MWF 10:00-10:50
 T 12:10-1:00
 MEETS: JAN 9-MAY 5

5138075 15 MWRF 11:00-11:50
 MEETS: JAN 9-MAY 5

5138080 16 MTRF 1:10-2:00
 MEETS: JAN 9-MAY 5

5138085 17 MTWF 1:10-2:00
 MEETS: JAN 9-MAY 5

5138090 18 MTRF 2:10-3:00
 MEETS: JAN 9-MAY 5

5138095 19 MWF 2:10-3:00
 R 12:10-1:00
 MEETS: JAN 9-MAY 5

5138100 20 MWF 2:10-3:00
 R 12:10-1:00
 MEETS: JAN 9-MAY 5

MATHEMATICS

(CONTINUED)

MATHEMATICS

(CONTINUED)

CALCULUS I		MATH 165	4 CREDITS
5138105	21	MWF 2:10-3:00 R 2:10-3:00 MEETS: JAN 9-MAY 5	
5138110	22	MWF 2:10-3:00 R 2:10-3:00 MEETS: JAN 9-MAY 5	
5138115	23	MWF 2:10-3:00 R 3:10-4:00 MEETS: JAN 9-MAY 5	
5138120	24	MWF 2:10-3:00 R 3:10-4:00 MEETS: JAN 9-MAY 5	
5138125	25	MWRF 3:10-4:00 MEETS: JAN 9-MAY 5	
5138130	26	MTWR 4:10-5:00 MEETS: JAN 9-MAY 5	
5138135	27	MTWF 12:10-1:00 MEETS: JAN 9-MAY 5	
5138140	28	MWF 12:10-1:00 R 1:10-2:00 MEETS: JAN 9-MAY 5	
5138145	29	MWF 12:10-1:00 R 1:10-2:00 MEETS: JAN 9-MAY 5	
5138150	30	MWF 12:10-1:00 R 3:10-4:00 MEETS: JAN 9-MAY 5	

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	MTWF 8:00-8:50 MEETS: JAN 9-MAY 5	
5139010	2	MWRF 9:00-9:50 MEETS: JAN 9-MAY 5	
5139015	3	MWF 9:00-9:50 T 8:00-8:50 MEETS: JAN 9-MAY 5	
5139020	4	MWF 9:00-9:50 T 8:00-8:50 MEETS: JAN 9-MAY 5	
5139025	5	MWF 9:00-9:50 T 8:00-8:50 MEETS: JAN 9-MAY 5	
5139030	6	MWF 9:00-9:50 T 1:10-2:00 MEETS: JAN 9-MAY 5	
5139035	7	MWF 9:00-9:50 T 9:00-9:50 MEETS: JAN 9-MAY 5	
5139040	8	MWF 9:00-9:50 T 9:00-9:50 MEETS: JAN 9-MAY 5	
5139045	9	MWF 9:00-9:50 T 9:00-9:50 MEETS: JAN 9-MAY 5	
5139050	10	MWF 9:00-9:50 T 1:10-2:00 MEETS: JAN 9-MAY 5	
5139055	11	MWF 9:00-9:50 T 10:00-10:50 MEETS: JAN 9-MAY 5	
5139060	12	MWF 9:00-9:50 T 10:00-10:50 MEETS: JAN 9-MAY 5	
5139065	13	MWF 9:00-9:50 T 10:00-10:50 MEETS: JAN 9-MAY 5	
5139070	14	MWF 9:00-9:50 T 1:10-2:00 MEETS: JAN 9-MAY 5	
5139075	15	MTWF 10:00-10:50 MEETS: JAN 9-MAY 5	
5139080	16	MTRF 10:00-10:50 MEETS: JAN 9-MAY 5	
5139085	17	MWF 11:00-11:50 R 11:00-11:50 MEETS: JAN 9-MAY 5	
5139090	18	MWF 11:00-11:50 R 11:00-11:50 MEETS: JAN 9-MAY 5	
5139095	19	MWF 11:00-11:50 R 12:10-1:00 MEETS: JAN 9-MAY 5	
5139100	20	MWF 11:00-11:50 R 12:10-1:00 MEETS: JAN 9-MAY 5	
5139105	21	MWF 11:00-11:50 R 2:10-3:00 MEETS: JAN 9-MAY 5	
5139110	22	MWF 11:00-11:50 R 2:10-3:00 MEETS: JAN 9-MAY 5	
5139115	23	MTWF 12:10-1:00 MEETS: JAN 9-MAY 5	
5139120	24	MWF 12:10-1:00 R 11:00-11:50 MEETS: JAN 9-MAY 5	

CALCULUS II		MATH 166	4 CREDITS
5139125	25	MWF 12:10-1:00 R 11:00-11:50 MEETS: JAN 9-MAY 5	
5139130	26	MWF 12:10-1:00 R 1:10-2:00 MEETS: JAN 9-MAY 5	
5139135	27	MWF 12:10-1:00 R 3:10-4:00 MEETS: JAN 9-MAY 5	
5139140	28	MTWF 1:10-2:00 MEETS: JAN 9-MAY 5	
5139145	29	MTWF 3:10-4:00 MEETS: JAN 9-MAY 5	
5139150	30	MWF 4:10-5:00 R 12:10-1:00 MEETS: JAN 9-MAY 5	
5139155	31	MWF 4:10-5:00 R 12:10-1:00 MEETS: JAN 9-MAY 5	
5139160	32	MWF 4:10-5:00 R 1:10-2:00 MEETS: JAN 9-MAY 5	
5139165	33	MWF 4:10-5:00 R 1:10-2:00 MEETS: JAN 9-MAY 5	
5139170	34	MWF 4:10-5:00 R 3:10-4:00 MEETS: JAN 9-MAY 5	
5139175	35	MWF 4:10-5:00 R 3:10-4:00 MEETS: JAN 9-MAY 5	
5139180	36	MTRF 3:10-4:00 MEETS: JAN 9-MAY 5	
5139185	37	MWF 2:10-3:00 R 9:00-9:50 MEETS: JAN 9-MAY 5	Note: SEC 36 RESTRICTED TO FRESHMAN ONLY.
5139190	38	MWF 2:10-3:00 R 9:00-9:50 MEETS: JAN 9-MAY 5	
5139195	39	MWF 2:10-3:00 R 10:00-10:50 MEETS: JAN 9-MAY 5	
5139200	40	MWF 2:10-3:00 R 10:00-10:50 MEETS: JAN 9-MAY 5	
5139205	41	MWF 2:10-3:00 R 1:10-2:00 MEETS: JAN 9-MAY 5	
5139210	42	MWF 2:10-3:00 R 1:10-2:00 MEETS: JAN 9-MAY 5	
5139215	43	MWF 12:10-1:00 R 1:10-2:00 MEETS: JAN 9-MAY 5	
5139220	44	MWF 12:10-1:00 R 3:10-4:00 MEETS: JAN 9-MAY 5	

LIFE SCI CALC&MDL I MATH 181 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
 HIGH SCHOOL GEOMETRY; 1 SEMESTER OF TRIGONOMETRY OR
 MATH 143
 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 9-MAY 5

LFE SCI CALC&MDL II MATH 182 4 CREDITS
 Prereq: MATH 181
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182. CREDITS EARNED IN MATH 182
 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
 1338005 MTRF 9:00-9:50
 MEETS: JAN 9-MAY 5

MATH FOR ELEM ED I MATH 195 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS HIGH SCHOOL ALGEBRA, 1 YEAR OF
 HIGH SCHOOL GEOMETRY; ENROLLMENT IN ELEMENTARY ED
 OR EARLY CHILDHOOD EDUCATION
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS.
 STUDENTS IN THE LAS COLLEGE MAY NOT APPLY CREDIT
 IN MATH 195 TOWARD GENERAL ED REQUIREMENTS FOR
 GRADUATION,
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams.](http://www.registrar.iastate.edu/students/exams/night-exams)

5144005	A	MWF 8:00-9:20 MEETS: JAN 9-MAY 5	
5144010	B	MWF 9:30-10:50 MEETS: JAN 9-MAY 5	
5144015	C	MWF 11:00-12:20 MEETS: JAN 9-MAY 5	
5144020	D	MWF 12:40-2:00 MEETS: JAN 9-MAY 5	
5144025	E	MWF 2:10-3:30 MEETS: JAN 9-MAY 5	

MATHEMATICS

(CONTINUED)

MATH FOR ELEM ED II MATH 196 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 195 AND ENROLLMENT IN ELEMENTARY EDUCATION OR EARLY CHILDHOOD EDUCATION.
 Note: CREDITS EARNED IN MATH 196 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

8125005 A MWF 8:00-9:20
 MEETS: JAN 9-MAY 5

8125010 B MWF 9:30-10:50
 MEETS: JAN 9-MAY 5

8125020 C MWF 11:00-12:20
 MEETS: JAN 9-MAY 5

8125015 D MWF 12:40-2:00
 MEETS: JAN 9-MAY 5

INTRO TO PROOFS MATH 201 3 CREDITS
 Prereq: MATH 166 OR MATH 166H

6998005 A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

6998010 B MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

6998015 C MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

6998020 D MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

5161010 B MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

5161015 C MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

5161020 D MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

INVESTM&CREDIT MATH MATH 240X 3 CREDITS
 Prereq: MATH 166

7712005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

CALCULUS III MATH 265 4 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H

5151005 1 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 9-MAY 5

5151010 2 MWF 8:00-8:50
 R 9:00-9:50
 MEETS: JAN 9-MAY 5

5151015 3 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 9-MAY 5

5151020 4 MTWF 9:00-9:50
 MEETS: JAN 9-MAY 5

5151025 5 MTRF 9:00-9:50
 MEETS: JAN 9-MAY 5

5151030 6 MTRF 9:00-9:50
 MEETS: JAN 9-MAY 5

5151035 7 MWF 10:00-10:50
 T 8:00-8:50
 MEETS: JAN 9-MAY 5

5151040 8 MWF 10:00-10:50
 T 8:00-8:50
 MEETS: JAN 9-MAY 5

5151045 9 MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 9-MAY 5

5151050 10 MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 9-MAY 5

5151055 11 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 9-MAY 5

5151060 12 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 9-MAY 5

5151065 13 MWRF 11:00-11:50
 MEETS: JAN 9-MAY 5

5151070 14 MWF 12:10-1:00
 T 12:10-1:00
 MEETS: JAN 9-MAY 5

5151075 15 MWF 12:10-1:00
 T 12:10-1:00
 MEETS: JAN 9-MAY 5

5151080 16 MWF 12:10-1:00
 T 2:10-3:00
 MEETS: JAN 9-MAY 5

5151085 17 MWF 12:10-1:00
 T 2:10-3:00
 MEETS: JAN 9-MAY 5

5151090 18 MWF 12:10-1:00
 T 3:10-4:00
 MEETS: JAN 9-MAY 5

5151095 19 MWF 12:10-1:00
 T 3:10-4:00
 MEETS: JAN 9-MAY 5

5151100 20 MTWF 2:10-3:00
 MEETS: JAN 9-MAY 5

MATHEMATICS

(CONTINUED)

CALCULUS III MATH 265 4 CREDITS
 5151105 21 MWF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 9-MAY 5

5151110 22 MWF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 9-MAY 5

5151115 23 MWF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

ELEM DIFF EQUATNS MATH 266 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H
 Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X, MATH 269.

5152005 A MWF 8:00-8:50
 MEETS: JAN 9-MAY 5

5152010 B MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

5152015 C MTRF 10:00-10:50
 MEETS: JAN 9-APRIL 3

Note: SEC C RESTRICTED TO MATH MAJORS ONLY

5152020 D MWF 4:10-5:00
 MEETS: JAN 9-MAY 5

DIFF EQ & TRANSFMS MATH 267 4 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H
 Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X, MATH 269.

5153005 1 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 9-MAY 5

5153010 2 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 9-MAY 5

5153015 3 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 9-MAY 5

5153020 4 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 9-MAY 5

5153025 5 MWF 8:00-8:50
 R 11:00-11:50
 MEETS: JAN 9-MAY 5

5153030 6 MWF 8:00-8:50
 R 12:10-1:00
 MEETS: JAN 9-MAY 5

5153035 7 MWF 10:00-10:50
 R 11:00-11:50
 MEETS: JAN 9-MAY 5

5153040 8 MWF 10:00-10:50
 R 8:00-8:50
 MEETS: JAN 9-MAY 5

5153045 9 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 9-MAY 5

5153050 10 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 9-MAY 5

5153055 11 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 9-MAY 5

5153060 12 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 9-MAY 5

5153065 13 MTRF 10:00-10:50
 MEETS: JAN 9-MAY 5

Note: SEC 13 RESTRICTED TO MATH MAJORS ONLY

5153070 14 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 9-MAY 5

5153075 15 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 9-MAY 5

5153080 16 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 9-MAY 5

5153085 17 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 9-MAY 5

5153090 18 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 9-MAY 5

5153095 19 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 9-MAY 5

5153100 20 MWF 4:10-5:00
 R 11:00-11:50
 MEETS: JAN 9-MAY 5

MATHEMATICS

(CONTINUED)

MATHEMATICS

(CONTINUED)

DIFF EQ & TRANSFMS MATH 267 4 CREDITS
 5153105 21 MWF 4:10-5:00
 R 11:00-11:50
 MEETS: JAN 9-MAY 5

5153110 22 MWF 4:10-5:00
 R 12:10-1:00
 MEETS: JAN 9-MAY 5

5153115 23 MWF 4:10-5:00
 R 12:10-1:00
 MEETS: JAN 9-MAY 5

5153120 24 MWF 4:10-5:00
 R 2:10-3:00
 MEETS: JAN 9-MAY 5

5153125 25 MWF 4:10-5:00
 R 2:10-3:00
 MEETS: JAN 9-MAY 5

5153130 26 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 9-MAY 5

5153135 27 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 9-MAY 5

5153140 28 MWF 12:10-1:00
 R 2:10-3:00
 MEETS: JAN 9-MAY 5

LAPLACE TRANSFORMS MATH 268 1 CREDIT
 Prereq: MATH 266
 Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SYSTEMS OF DIFF EQUA MATH 269 1 CREDIT
 Prereq: FAMILIARITY WITH ORDINARY DIFFERENTIAL
 EQUATIONS OF FIRST AND SECOND ORDER, PERMISSION
 OF DEPARTMENT
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: MATH 266, MATH 267,
 MATH 269X, MATH 269.
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY MATH 290 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 5156005 A ARRANGED
 MEETS: JAN 9-MAY 5
 5156010 B ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5
 5158010 B MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

ABSTRCT ALGEBRA II MATH 302 3 CREDITS
 Prereq: MATH 301
 5159005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

GRAPH THEORY MATH 314 3 CREDITS
 Prereq: MATH 166 OR MATH 166H; MATH 201 OR
 EXPERIENCE WITH PROOFS
 5163005 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

THRY LINEAR ALGEBRA MATH 317 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 201
 Note: CREDIT FOR EITHER MATH 207 OR MATH 317, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 7872005 A MTRF 9:00-9:50
 MEETS: JAN 9-MAY 5
 7872010 B MTRF 2:10-3:00
 MEETS: JAN 9-MAY 5
 7872015 C MTRF 1:10-2:00
 MEETS: JAN 9-MAY 5

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 9:00-9:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

NUMBER THEORY MATH 350 3 CREDITS
 Prereq: MATH 201 OR COM S 230
 5177005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

COMPLEX VARIABLES MATH 365 3 CREDITS
 Prereq: MATH 265
 5168005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

UNIV MATH TCH SECYD MATH 397 3 CREDITS
 Prereq: MATH 201, MATH 301
 7521005 A MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 7521010 B ARRANGED
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUC MATH 398 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4551005 ARRANGED
 MEETS: JAN 9-MAY 5

ANALYSIS I MATH 414 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 201
 5171005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

ANALYSIS II MATH 415 3 CREDITS
 Prereq: MATH 414; MATH 265; MATH 317 OR MATH 407
 5172005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

LOGIC MATH&CPTR SCI MATH 421 3 CREDITS
 Prereq: MATH 301 OR MATH 207 OR MATH 317 OR
 COM S 330
 6470005 TR 11:00-12:15
 MEETS: JAN 9-MAY 5

GEOMETRY II MATH 436 3 CREDITS
 Prereq: MATH 435
 5176005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

MATH OF FINANCE MATH 474 3 CREDITS
 Prereq: MATH 265; STAT 101 OR STAT 104 OR
 STAT 105 OR STAT 201 OR STAT 226
 8176005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

INDEPENDENT STUDY MATH 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF MATH 490 OR MATH 490H
 MAY BE APPLIED TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD THESIS MATH 491 2- 3 CREDITS
 Note: Department permission required.
 5184005 ARRANGED
 MEETS: JAN 9-MAY 5

UNDERGRAD SEMINAR MATH 492 2 CREDITS
 Prereq: MATH 317 OR MATH 407
 6698005 M 3:10-5:00
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN MATH 498 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4552005 ARRANGED
 MEETS: JAN 9-MAY 5

TOPOLOGY MATH 502 3 CREDITS
 Prereq: MATH 414 OR MATH 501
 4958005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

ABSTRACT ALGEBRA II MATH 505 3 CREDITS
 Prereq: MATH 504
 5187005 A MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

MATHEMATICS (CONTINUED)

FNCT SNGL CMLX VAR MATH 511 3 CREDITS
 Prereq: MATH 414 OR MATH 501
 5192005 A MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

REAL ANALYSIS II MATH 516 3 CREDITS
 Prereq: MATH 515
 8868005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

FINITE DIFFRNC MTHD MATH 517 3 CREDITS
 Prereq: MATH 481 OR MATH 561
 6101005 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

MTH APPLIED MATH II MATH 520 3 CREDITS
 Prereq: MATH 519
 2297005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9:00-9:50
 MEETS: JAN 9-MAY 5

STEGANOG&DGT FORNSC MATH 535 3 CREDITS
 Prereq: E E 524 OR MATH 317 OR MATH 407 OR
 COM S 330
 7681005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 7681600 XW ARRANGED NEWMAN J
 MEETS: JAN 9-APRIL 28
 Note: Section XW is off campus
 Course delivery is WWW

NUMERICAL ANALYS II MATH 562 3 CREDITS
 Prereq: MATH 317
 7503005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

NONLINEAR SYSTEMS MATH 578 3 CREDITS
 Prereq: E E 577
 8195005 MW 4:10-5:30
 MEETS: JAN 9-MAY 5

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 9-MAY 5

SPECIAL TOPICS MATH 595 VAR. CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2017
 3815005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

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

ENUM COM&ORDRD SETS MATH 606 3 CREDITS
 Prereq: MATH 504
 8888005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

SEMINAR MATH 610 VAR. CREDITS
 Note: OFFERED FOR 3 CREDITS SPRING 2017
 5231005 M 2:10-5:00
 MEETS: JAN 9-MAY 5

MANIFOLDS,DIFF GEOM MATH 624 3 CREDITS
 Prereq: MATH 501 OR MATH 515
 5218005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

ADV PROBABILTY THRY MATH 642 3 CREDITS
 Prereq: STAT 542; MATH 641 OR MATH 515
 3530005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

ADV STOCHAST PROCES MATH 645 3 CREDITS
 5215005 TR 2:10-3:00
 MEETS: JAN 9-MAY 5

MATHEMATICS (CONTINUED)

MATH MODEL PHYSY SY MATH 646 3 CREDITS
 1822005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

ADV TOPCS DIFF EQUA MATH 680E 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 5243005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

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

MECHANICAL ENGINEERING

PROBLM SOLV WTH CPR M E 160 3 CREDITS
 Prereq: M E MAJORS ONLY. MATH 142 OR MATH 143 OR
 MATH 145; CREDIT OR ENROLLMENT IN MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: A B E 160, C E 160,
 AER E 160, ENGR 160, M E 160, CPR E 185, E E 185,
 S E 185, I E 148
 RESTRICTED TO M E MAJORS ONLY
 9082005 1 MW 8:00-9:50
 MEETS: JAN 9-MAY 5
 9082010 2 MW 10:00-11:50
 MEETS: JAN 9-MAY 5
 9082015 3 MW 12:10-2:00
 MEETS: JAN 9-MAY 5
 9082020 4 MW 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 9082025 5 TR 8:00-9:50
 MEETS: JAN 9-MAY 5
 9082030 6 TR 10:00-11:50
 MEETS: JAN 9-MAY 5
 9082035 7 TR 12:10-2:00
 MEETS: JAN 9-MAY 5

ENG GRPHC&INTR DSGN M E 170 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 142 OR
 MATH 143 OR MATH 145; SATISFACTORY SCORES ON
 MATHEMATICS PLACEMENT ASSESSMENTS
 Note: EVENING GROUP/PROJECT PRESENTATION-
 MEETING TBA
 COURSE RESTRICTED TO M E MAJORS ONLY
 8346005 1 MW 8:00-9:50, ARRANGED
 MEETS: JAN 9-MAY 5
 8346010 2 MW 10:00-11:50
 ARRANGED
 MEETS: JAN 9-MAY 5
 8346015 3 MW 12:10-2:00
 ARRANGED
 MEETS: JAN 9-MAY 5
 8346020 4 MW 2:10-4:00, ARRANGED
 MEETS: JAN 9-MAY 5
 8346025 5 MW 4:10-6:00PM
 ARRANGED
 MEETS: JAN 9-MAY 5
 Section info: <http://www.me.iastate.edu/students/me-170-laptop-requirements/>
 Cmptr reqmt: <http://www.me.iastate.edu/students/me-170-laptop-requirements/>
 8346030 6 TR 8:00-9:50, ARRANGED
 MEETS: JAN 9-MAY 5
 8346035 7 TR 10:00-11:50
 ARRANGED
 MEETS: JAN 9-MAY 5
 8346040 8 TR 2:10-4:00, ARRANGED
 MEETS: JAN 9-MAY 5
 8346045 9 TR 2:10-4:00, ARRANGED
 MEETS: JAN 9-MAY 5
 8346050 10 TR 4:10-6:00PM
 ARRANGED
 MEETS: JAN 9-MAY 5

MECH ENGR PRO PLAN M E 202 R CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 4870005 A R 2:10-3:00
 MEETS: JAN 9-MAY 5
 4870010 B R 3:10-4:00
 MEETS: JAN 9-MAY 5

GLOBAL SUSTAINABLT 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 9-MAY 5

ENGR THERMODYNAM I M E 231 3 CREDITS
 Prereq: MATH 166, CHEM 167, PHYS 221
 Note: COURSE RESTRICTED TO ENGR COLLEGE STUDENTS ONLY.
 CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION.
 4877005 A MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 4877010 B MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 4877015 C MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 4877020 D TR 9:30-10:50
 MEETS: JAN 9-MAY 5

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

ENGR THERMODYNAMICS I M E 231 3 CREDITS
 4877025 E TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 4877030 F TR 9:30-10:50
 MEETS: JAN 9-MAY 5

INTR MCH ENG DESIGN M E 270 3 CREDITS
 Prereq: M E 160 OR EQUIVALENT, M E 170 OR
 EQUIVALENT, PHYS 221
 Note: COURSE RESTRICTED TO M E MAJORS ONLY.
 6270005 A ARRANGED
 MWF 8:00-9:50
 MEETS: JAN 9-MAY 5
 6270010 B ARRANGED
 MWF 10:00-11:50
 MEETS: JAN 9-MAY 5
 6270015 C ARRANGED
 MWF 12:10-2:00
 MEETS: JAN 9-MAY 5
 6270020 D ARRANGED
 MWF 2:10-4:00
 MEETS: JAN 9-MAY 5
 6270025 E ARRANGED
 MWF 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 6270030 F ARRANGED
 MW 6:10-9:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 Note: SEC A RESTRICTED TO M E AND A E MAJORS ONLY.
 6277010 B MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

MFG ENGINEERING LAB M E 324L 1 CREDIT
 Prereq: M E 270, MAT E 273
 Note: COURSE RESTRICTED TO M E AND A E MAJORS ONLY
 4270005 1 T 8:00-9:50
 MEETS: JAN 9-MAY 5
 4270010 2 W 9:00-10:50
 MEETS: JAN 9-MAY 5
 4270015 3 R 8:00-9:50
 MEETS: JAN 9-MAY 5
 4270020 4 F 8:00-9:50
 MEETS: JAN 9-MAY 5
 4270025 5 T 10:00-11:50
 MEETS: JAN 9-MAY 5
 4270030 6 W 11:00-12:50
 MEETS: JAN 9-MAY 5
 4270035 7 R 10:00-11:50
 MEETS: JAN 9-MAY 5
 4270040 8 F 10:00-11:50
 MEETS: JAN 9-MAY 5
 4270045 9 M 1:10-3:00
 MEETS: JAN 9-MAY 5
 4270050 10 T 12:10-2:00
 MEETS: JAN 9-MAY 5
 4270055 11 W 1:10-3:00
 MEETS: JAN 9-MAY 5
 4270060 12 R 12:10-2:00
 MEETS: JAN 9-MAY 5
 4270065 13 M 3:10-5:00
 MEETS: JAN 9-MAY 5
 4270070 14 T 2:10-4:00
 MEETS: JAN 9-MAY 5
 4270075 15 W 3:10-5:00
 MEETS: JAN 9-MAY 5
 4270080 16 R 2:10-4:00
 MEETS: JAN 9-MAY 5

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 10:00-10:50
 MEETS: JAN 9-MAY 5
 6287010 B MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 6287015 C TR 9:30-10:45
 MEETS: JAN 9-MAY 5

ENGR THERMODYNAMICS II M E 332 3 CREDITS
 Prereq: M E 231
 Note: COURSE RESTRICTED TO M E MAJORS ONLY
 4878005 A MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 4878010 B MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 4878015 C MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 4878020 D TR 11:00-12:20
 MEETS: JAN 9-MAY 5

FLUID FLOW M E 335 4 CREDITS
 Prereq: E M 345, MATH 266 OR MATH 267,
 CREDIT OR ENROLLMENT IN M E 332
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. RESTRICTED TO
 M E MAJORS ONLY.
 5703005 A TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 5703010 B TR 8:00-9:20
 MEETS: JAN 9-MAY 5
 5703020 1 T 8:00-9:50
 MEETS: JAN 9-MAY 5
 5703025 2 W 8:00-9:50
 MEETS: JAN 9-MAY 5
 5703030 3 R 8:00-9:50
 MEETS: JAN 9-MAY 5
 5703035 4 F 8:00-9:50
 MEETS: JAN 9-MAY 5
 5703040 5 T 10:00-11:50
 MEETS: JAN 9-MAY 5
 5703045 6 W 10:00-11:50
 MEETS: JAN 9-MAY 5
 5703050 7 R 10:00-11:50
 MEETS: JAN 9-MAY 5
 5703055 8 F 10:00-11:50
 MEETS: JAN 9-MAY 5
 5703060 9 W 12:10-2:00
 MEETS: JAN 9-MAY 5
 5703065 10 F 12:10-2:00
 MEETS: JAN 9-MAY 5
 5703070 11 T 2:10-4:00
 MEETS: JAN 9-MAY 5
 5703075 12 W 2:10-4:00
 MEETS: JAN 9-MAY 5
 5703080 13 R 2:10-4:00
 MEETS: JAN 9-MAY 5
 5703085 14 F 2:10-4:00
 MEETS: JAN 9-MAY 5
 5703090 15 W 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 5703095 16 T 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 5703100 17 R 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 5703105 18 T 6:10-8:00PM
 MEETS: JAN 9-MAY 5

ENGINRNG MEASUREMNTS M E 370 3 CREDITS
 Prereq: E E 442, STAT 305
 Note: RESTRICTED TO M E MAJORS ONLY.
 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION.
 4881005 A MW 8:00-8:50
 MEETS: JAN 9-MAY 5
 4881010 1 T 9:00-11:50
 MEETS: JAN 9-MAY 5
 4881015 2 W 9:00-11:50
 MEETS: JAN 9-MAY 5
 4881020 3 R 9:00-11:50
 MEETS: JAN 9-MAY 5
 4881025 4 F 8:00-10:50
 MEETS: JAN 9-MAY 5
 4881030 5 M 12:10-3:00
 MEETS: JAN 9-MAY 5
 4881035 6 T 12:10-3:00
 MEETS: JAN 9-MAY 5
 4881040 7 W 12:10-3:00
 MEETS: JAN 9-MAY 5
 4881045 8 R 12:10-3:00
 MEETS: JAN 9-MAY 5
 4881050 9 F 11:00-2:00
 MEETS: JAN 9-MAY 5
 4881055 10 M 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 4881060 11 T 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 4881065 12 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 4881070 13 R 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 4881075 14 F 2:10-5:00
 MEETS: JAN 9-MAY 5
 4881080 15 F 2:10-5:00
 MEETS: JAN 9-MAY 5

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, PERMISSION OF DEPTMNT AND
 ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL SYST DSN M E 415 3 CREDITS
 Prereq: M E 324, M E 325
 4888005 A TR 8:00-10:50
 MEETS: JAN 9-MAY 5
 4888010 B TR 11:00-1:50
 MEETS: JAN 9-MAY 5
 4888015 C TR 2:10-5:00
 MEETS: JAN 9-MAY 5
 4888020 D TR 5:10-8:00PM
 MEETS: JAN 9-MAY 5
 Section info: <http://www.me.iastate.edu/students/me-415-laptop-requirements/>
 4888025 E TR 5:10-8:00PM
 MEETS: JAN 9-MAY 5

MECHANICAL DESIGN&AN M E 416X 3 CREDITS
 Prereq: E M 345, M E 325
 9806005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

ADV MACHINE DESIGN M E 417 3 CREDITS
 Prereq: M E 325, MAT E 273
 7636005 A MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

COMPUTER-AIDED DSGN M E 419 3 CREDITS
 Prereq: M E 325
 6207005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

SYST DYNAM &CONTROL M E 421 4 CREDITS
 Prereq: E M 345, MATH 267, E E 442, E E 448
 Note: COURSE RESTRICTED TO M E MAJORS ONLY
 6310005 A TR 8:00-9:20, ARRANGED
 MEETS: JAN 9-MAY 5
 6310006 B TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 6310007 C TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 6310010 1 W 8:00-9:50
 MEETS: JAN 9-MAY 5
 6310015 2 W 8:00-9:50
 MEETS: JAN 9-MAY 5
 6310020 3 W 10:00-11:50
 MEETS: JAN 9-MAY 5
 6310025 4 F 10:00-11:50
 MEETS: JAN 9-MAY 5
 6310030 5 W 12:10-2:00
 MEETS: JAN 9-MAY 5
 6310035 6 F 12:10-2:00
 MEETS: JAN 9-MAY 5
 6310040 7 T 1:10-3:00
 MEETS: JAN 9-MAY 5
 6310045 8 R 1:10-3:00
 MEETS: JAN 9-MAY 5
 6310050 9 W 2:10-4:00
 MEETS: JAN 9-MAY 5
 6310055 10 F 2:10-4:00
 MEETS: JAN 9-MAY 5
 6310060 11 T 3:10-5:00
 MEETS: JAN 9-MAY 5
 6310065 12 R 3:10-5:00
 MEETS: JAN 9-MAY 5
 6310070 13 W 4:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 5711010 B MWF 8:00-8:50
 MEETS: JAN 9-MAY 5
 5711011 C MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 5711015 1 T 8:00-9:50
 MEETS: JAN 9-MAY 5
 5711020 2 W 9:00-10:50
 MEETS: JAN 9-MAY 5
 5711025 3 R 8:00-9:50
 MEETS: JAN 9-MAY 5
 5711030 4 F 9:00-10:50
 MEETS: JAN 9-MAY 5
 5711035 5 T 10:00-11:50
 MEETS: JAN 9-MAY 5
 5711040 6 R 10:00-11:50
 MEETS: JAN 9-MAY 5
 5711045 7 T 12:10-2:00
 MEETS: JAN 9-MAY 5
 5711050 8 W 1:10-3:00
 MEETS: JAN 9-MAY 5
 5711055 9 R 12:10-2:00
 MEETS: JAN 9-MAY 5
 5711060 10 F 1:10-3:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

HEAT&AIR COND DSGN M E 442 3 CREDITS
 Prereq: M E 441
 4893005 1 MWF 2:10-4:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

MULTIDISC ENGR DSGN M E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 1903005 A MWF 3:10-5:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 510 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 3702005 TR 3:40-4:55
 MEETS: JAN 9-MAY 5

ADV CONTROL DESIGN M E 511 3 CREDITS
 Prereq: M E 411
 8144005 A TR 12:40-2:00
 MEETS: JAN 9-MAY 5

ADV MACHINE DESIGN M E 517 3 CREDITS
 Prereq: M E 325, MAT E 273
 8809005 A MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

MECH CONSID ROBOTCS M E 518 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN M E 421
 7960005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

BHV&MFG POLYM&CMPOS M E 521 3 CREDITS
 Prereq: M E 324 OR MAT E 272 AND E M 324
 4926005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

COMPRESBL FLUID FLO M E 532 3 CREDITS
 Prereq: AER E 311 OR M E 335
 6272005 1 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

6272600 XE ARRANGED REGELE J
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

ADV HEAT TRANSFER M E 536 3 CREDITS
 Prereq: M E 436
 4933005 A MW 3:10-4:30
 MEETS: JAN 9-MAY 5

NANOSCA HEAT TRNSFR M E 539 3 CREDITS
 Prereq: ANY UNDERGRADUATE COURSE ON
 THERMODYNAMICS OR HEAT TRANSFER OR TRANSPORT
 PHENOMENA OR SOLID STATE PHYSICS
 3742005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

ADVANCED COMBUSTION M E 542 3 CREDITS
 Prereq: M E 332 OR CH E 381
 4937005 A TR 2:10-3:30
 MEETS: JAN 9-MAY 5

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 9-MAY 5

ADV BIOSENSR:FN&APP M E 550X 3 CREDITS
 Prereq: GRADUATE STATUS, RECOMMEND A BASIC
 BACKGROUND IN ENGINEERING AND ONE OR MORE
 INTRODUCTORY BIOLOGY COURSES.
 9808005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

OPTIMAL CONTROL M E 574 3 CREDITS
 Prereq: E E 577
 8197005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 8197600 XE ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

DIGIT FEEDBK 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 9-MAY 5

NONLINEAR SYSTEMS M E 578 3 CREDITS
 Prereq: E E 577
 8200005 MW 4:10-5:30
 MEETS: JAN 9-MAY 5

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

MACH LRN CYB-PHY SY M E 592X 3 CREDITS
 Prereq: BASICS OF LINEAR ALGEBRA, PROBABILITY
 THEORY AND COMPUTER PROGRAMMING
 9873005 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

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

SEMINAR M E 600 R CREDIT
 4964005 A ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC A FOR FIRST YEAR STUDENTS
 4964010 B ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC B FOR CONTINUING STUDENTS

ENGR IMPCT ON SOCIE M E 605X 2 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 9809005 F 3:10-5:00
 MEETS: JAN 9-MAY 5

MULTIPHASE FLOW M E 632 3 CREDITS
 Prereq: M E 538
 4967005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

RESEARCH M E 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY

EARTH,WIND&F ORIENT MTEOR 113X 1 CREDIT
 9685005 M 4:10-5:00 CERVATO C
 MEETS: JAN 9-MAY 5

WORLD WATER RESOURC MTEOR 160 3 CREDITS
 Note: Meets international perspectives reqmt
 3242005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

INTRO WEATHER&CLIMT MTEOR 206 3 CREDITS
 5375005 MWF 2:10-3:00 MAWALAGEDARA R
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN MTEOR 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4813005 ARRANGED WU X
 MEETS: JAN 9-MAY 5

GEN METEOROLOGY I MTEOR 301 4 CREDITS
 Prereq: MATH 166, CREDIT OR ENROLLMT IN PHYS 222
 5376005 1 MTFW 9:00-9:50 FLORY D
 MEETS: JAN 9-MAY 5

METEOROL INTERNSHIP MTEOR 321 1- 2 CREDITS
 Prereq: MTEOR 311; JR OR SR STANDING; PERMISSION
 OF COOP PROGRAM COORD; ACCEPTANCE BY SPONSORING AGENCY
 Satisfactory-Fail Only.
 5381005 ARRANGED WU X
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 5614600 XW ARRANGED WOOD A
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

ATMOSPH PHYSICS II MTEOR 342 3 CREDITS
 Prereq: MTEOR 341
 5383005 MWF 10:00-10:50 WU X
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN MTEOR 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4823005 ARRANGED WU X
 MEETS: JAN 9-MAY 5
 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
 MEETS: JAN 9-MAY 5
 Note: ON-CAMPUS SEC RESTRICTED TO AGRON, GEOL, MTEOR,
 ENSCA, ENSCS & 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 9-MAY 5

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 9-MAY 5

HYDROLGC MDLNG&ANLY MTEOR 416 3 CREDITS
 Prereq: FOUR COURSES IN EARTH SCI, METEOROLOGY,
 OR ENGINEERING; JUNIOR STANDING
 8600005 MW 11:00-11:50
 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

INSTRUMNT&MEASURMNT MTEOR 432 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 266, PHY 222
 5377005 MW 3:10-4:00 BERESNEV I
 F 3:10-5:00 FLORY D
 MEETS: JAN 9-MAY 5

DYNAMIC METEOROLG I MTEOR 443 3 CREDITS
 Prereq: MTEOR 341
 5385005 MWF 1:10-2:00 CHEN T
 MEETS: JAN 9-MAY 5

CLIMATE MODELING MTEOR 452 3 CREDITS
 Prereq: MTEOR 301, MTEOR 443
 7471005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

SURV REMOTE SNS TEC MTEOR 489 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 9748005 TR 9:30-10:50 AANSTOOS J
 MEETS: JAN 9-MAY 5

SATELL RMT SENS LAB MTEOR 489L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489
 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489
 OR NREM 589 OR E E 489
 5208005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 9-MAY 5

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 9-MAY 5

INDEP STUDY DYNAMIC MTEOR 490B 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8425005 1 ARRANGED GUTOWSKI W
 MEETS: JAN 9-MAY 5
 8425010 2 ARRANGED
 MEETS: JAN 9-MAY 5

IND STUDY PHYSICAL MTEOR 490C 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8426005 1 ARRANGED WU X
 MEETS: JAN 9-MAY 5
 8426010 2 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

COOPERATIVE EDUCATN MTEOR 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4824005 ARRANGED
 MEETS: JAN 9-MAY 5
 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
 MEETS: JAN 9-MAY 5

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 9-MAY 5

HYDROLGC MDLNG&ANLY MTEOR 516 3 CREDITS
 Prereq: FOUR COURSES IN EARTH SCI, METEOROLOGY,
 OR ENGINEERING; JUNIOR CLASSIFICATION
 8609005 MW 11:00-11:50
 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

MICROWV REMOTE SENS MTEOR 518 3 CREDITS
 Prereq: MATH 265 OR EQUIVALENT
 5860005 TR 11:00-12:30
 MEETS: JAN 9-MAY 5

ADV DYNAM MTEOR II MTEOR 544 3 CREDITS
 Prereq: MTEOR 543
 5397005 MWF 2:10-3:00 CHEN T
 MEETS: JAN 9-MAY 5

CLIMATE MODELING MTEOR 552 3 CREDITS
 Prereq: MTEOR 301
 7472005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

SURV REMOTE SNS TEC MTEOR 589 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 9750005 TR 9:30-10:50 AANSTOOS J
 MEETS: JAN 9-MAY 5

SATELL RMT SENS LAB MTEOR 589L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489
 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489
 OR NREM 589 OR E E 489
 5628005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 9-MAY 5

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8427005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8429005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8430005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8431005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 8432005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8433005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8434005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOP STAT METHDS MTEOR 590H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8435005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8437005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1230005 ARRANGED CHEN T
 MEETS: JAN 9-MAY 5

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3901005 ARRANGED
 MEETS: JAN 9-MAY 5

METEOROLOGY

(CONTINUED)

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3904005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8669005 ARRANGED
 MEETS: JAN 9-MAY 5

SP TOP GEOPH FLU DY MTEOR 590N 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9186120 TC ARRANGED
 MEETS: JAN 9-MAY 5

GRADUATE SEMINAR MTEOR 595A 1 CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3596005 F 4:10-6:00PM
 MEETS: JAN 9-MAY 5

GRADUATE SEMINAR MTEOR 595B R CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3599005 F 4:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

1433010 2 MW 9:30-10:50
 MEETS: JAN 9-MAY 5

1433015 3 MW 11:00-12:20
 MEETS: JAN 9-MAY 5

1433020 4 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

1433025 5 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

1433030 6 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

1433035 7 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

1433040 8 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

1433045 9 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

1433050 10 MW 9:30-10:50
 MEETS: JAN 9-MAY 5

1433055 11 MW 11:00-12:20
 MEETS: JAN 9-MAY 5

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 9-MAY 5

1426010 B ARRANGED
 MEETS: JAN 9-MAY 5

Note: Course delivery is WWW

1426600 XW ARRANGED BOURY N
 MEETS: JAN 9-MAY 5

Note: Section XW is off campus
 Course delivery is WWW
 Cmpt reqmt: <http://www.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 9-MAY 5

3024010 2 MW 2:40-4:00
 MEETS: JAN 9-MAY 5

Note: SEC 2 RESTRICTED TO MICR, MICRO MAJORS ONLY

3024015 3 MW 1:10-2:30
 MEETS: JAN 9-MAY 5

Note: SEC 3 RESTRICTED TO MICR, MICRO MAJORS ONLY

3024020 4 TR 1:10-2:30
 MEETS: JAN 9-MAY 5

Note: SEC 4 RESTRICTED TO MICR, MICRO MAJORS ONLY

3024025 5 TR 2:40-4:00
 MEETS: JAN 9-MAY 5

MICROBIOLOGY

(CONTINUED)

MOLEC&CELL BACTERIO MICRO 320 4 CREDITS
 Prereq: MICRO 302, BIOL 313, CREDIT OR ENROLLMT
 IN CHEM 332

3781005 1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

INTRO PARASITOLOGY MICRO 353 3 CREDITS
 Prereq: BIOL 212

7682005 TR 9:30-10:50 JONES D
 MEETS: JAN 9-MAY 5

INSECTS &OUR HEALTH MICRO 374 3 CREDITS
 Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES
 Note: Meets international perspectives reqmt

2784005 A TR 11:00-12:15 SMITH R
 MEETS: JAN 9-MAY 5

SAFTY FOOD FROM ANI MICRO 407 3 CREDITS
 Prereq: MICRO 420

1881005 1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

FOOD MICROBIOL LAB MICRO 421 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302; MICRO 201L OR
 MICRO 302L. CREDIT OR ENROLLMENT IN FS HN/MICRO 420

9676005 1 TR 9:30-11:30 COLEMAN S
 F 2:10-4:00 SAVITS J
 MEETS: JAN 9-MAY 5

PROCARYO DIVERS&ECO MICRO 430 3 CREDITS
 Prereq: MICRO 302, MICRO 302L

6309005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

UG CAPSTONE COLLOQM MICRO 450 2 CREDITS
 Prereq: SP CM 212 AND SR STANDING IN MICROBIOLOGY

5319005 1 T 10:00-11:50
 MEETS: JAN 9-MAY 5

5319010 2 W 3:10-5:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

IMMUNOLOGY LAB MICRO 475L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MICRO 310 OR
 MICRO 475 OR MICRO 575

6720010 2 TR 1:10-5:00
 MEETS: JAN 9-MARCH 3

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 9-MAY 5

SAFTY FOOD FROM ANI MICRO 507 3 CREDITS
 Prereq: MICRO 420

2129005 A TR 9:30-10:50
 MEETS: JAN 9-MAY 5

PROCARYOT DIVRS&ECO MICRO 530 3 CREDITS
 Prereq: MICRO 302, MICRO 302L

6600005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

MICROBIOLOGY

(CONTINUED)

VIROLOGY MICRO 554 1 CREDIT
 Prereq: UNDERGRADUATE COURSES IN GENERAL MICRO AND GENETICS
 7118005 MWF 10:00-10:50
 MEETS: FEB 13-MARCH 24

FUNGAL BIOLOGY MICRO 555 1 CREDIT
 Prereq: GEN 313 OR GEN 320 OR EQUIVALENT
 7138005 MWF 10:00-10:50
 MEETS: MARCH 27-MAY 5

MICROORGNSM ECOLOGY MICRO 556 1 CREDIT
 Prereq: MICRO 302, BIOL 313
 7159005 MWF 10:00-10:50
 MEETS: JAN 9-FEB 10

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 9-MAY 5

BACT-PLANT INTERACT MICRO 577 3 CREDITS
 Prereq: 3 CR IN MICROBIOLOGY OR PLANT PATHOLOGY
 5647004 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

SEMINAR MICRO 604 1 CREDIT
 Satisfactory-Fail Only.
 6962005 A T 4:10-5:00
 MEETS: JAN 9-MAY 5

MECHNSM BACT PATHOG MICRO 625 4 CREDITS
 Prereq: CREDIT IN BIOCHEM AND MICROBIOL
 6954005 ARRANGED MINION F
 MEETS: JAN 9-MAY 5

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 9-MAY 5

SEM N MOLEC,C,DV BIO MICRO 698 1- 2 CREDITS
 5350005 M 3:10-5:00
 MEETS: JAN 9-MAY 5

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

MILITARY SCIENCE

STRUC&FUNC U.S.ARMY M S 102 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN M S 102L REQ'D
 Note: CONCURRENT ENROLLMENT IN M S 102L REQUIRED
 4995005 1 T 12:40-1:30 SOENKSEN J
 MEETS: JAN 9-MAY 5
 4995010 2 W 10:00-10:50 SOENKSEN J
 MEETS: JAN 9-MAY 5

BASIC LDRSHP LAB II M S 102L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN M S 102 REQUIRED
 Note: CONCURRENT ENROLLMENT IN M S 102 REQUIRED
 2983005 1 W 4:10-5:30, ARRANGED SOENKSEN J
 MEETS: JAN 9-MAY 5

ARMY PHY READINESS M S 150 1 CREDIT
 8414005 1 MTF 6:00-7:15 SHAIKO C
 MEETS: JAN 9-MAY 5

MAP READ&LAND NAVIG M S 202 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN M S 202L REQUIRED
 Note: CONCURRENT ENROLLMENT IN M S 202L REQUIRED
 4999005 1 MW 9:00-9:50 BOWMAN J
 MEETS: JAN 9-MAY 5
 4999010 2 MW 11:00-11:50 BOWMAN J
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 SHAIKO C
 MEETS: JAN 9-MAY 5
 Note: Department permission required.

MILITARY SCIENCE

(CONTINUED)

IND STDY: BASIC MILI M S 290 1- 3 CREDITS
 Prereq: PERMISSION OF THE M S DEPT CHAIR
 8153005 1 ARRANGED GUERTTMAN M
 MEETS: JAN 9-MAY 5
 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 SHAIKO C
 MEETS: JAN 9-MAY 5
 Note: Department permission required.
 5002010 2 TR 11:00-12:20 SHAIKO C
 MEETS: JAN 9-MAY 5
 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 SHAIKO C
 MEETS: JAN 9-MAY 5
 Note: Department permission required.

SEMINR: PRO OFFICER M S 402 3 CREDITS
 Prereq: COMPLETION OF THE BASIC PROGRAM, CONCURRENT ENROLLMENT IN M S 402L AND PERMISSION OF THE MILITARY SCIENCE DEPARTMENT CHAIR
 5009005 1 W 12:40-3:40 DIAL E
 MEETS: JAN 9-MAY 5
 Note: Department permission required.
 5009010 2 ARRANGED DIAL E
 MEETS: JAN 9-MAY 5
 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, ARRANGED DIAL E
 MEETS: JAN 9-MAY 5
 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 DIAL E
 MEETS: JAN 9-MAY 5
 Note: Department permission required.

MOLECULAR CELLULAR DEV BIOLOGY

MOLECULAR GENETICS MCDB 511 3 CREDITS
 Prereq: BIOL 313 AND BBMB 405
 5303005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

BIOCH EUARYOT GENE MCDB 676 2 CREDITS
 Prereq: BBMB 404 OR BBMB 501, BBMB 405 OR BBMB 502 OR GDCB 511
 1849005 TR 2:10-3:00
 MEETS: JAN 9-MAY 5

GRAD RESRCH ROTATN MCDB 697 1- 6 CREDITS
 Satisfactory-Fail Only.
 7278005 ARRANGED
 MEETS: JAN 9-MAY 5

SEM N MOLEC,C,DV BIO MCDB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2016
 5275005 M 3:10-5:00
 MEETS: JAN 9-MAY 5

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

MUSIC

FUNDAMNTLS OF MUSIC MUSIC 101 2 CREDITS
 Prereq: ABILITY TO READ ELEM MUSICAL NOTATION
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION:
 MUSIC 101, MUSIC 105, MUSIC 201X
 7180005 A MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 7180010 B MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS
 Note: Meets international perspectives reqmt
 5406005 A MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 5406010 B MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 5406600 XW ARRANGED TAM T
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WW

MUSIC

(CONTINUED)

BASIC MUSICIANSHIP MUSIC 105 3 CREDITS
 Prereq: PERFORMING ARTS MAJOR STATUS OR PERMISSION OF INSTRUCTOR.
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION:
 MUSIC 101, MUSIC 105, MUSIC 201X
 2975005 TR 2:10-3:00
 W 1:10-2:00
 MEETS: JAN 9-MAY 5

WIND ENSEMBLE MUSIC 111 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5408005 MWRF 12:10-1:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 5409010 B R 7:10-9:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 5410010 B MW 3:10-4:40
 MEETS: JAN 9-MAY 5

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 9-MAY 5

SYMPHONIC BAND MUSIC 115 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 9610005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

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

MUSIC

(CONTINUED)

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 224; MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR
 Note: CREDIT IN EITHER MUSIC 120 OR MUSIC 302, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 RESTRICTED TO MU BA & MU BM MAJORS ONLY
 5430005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 5433010 B TR 11:00-11:50
 MEETS: JAN 9-MAY 5

LYRICA WOMENS CHOIR MUSIC 141 1 CREDIT
 Prereq: OPEN TO ALL FEMALE STUDENTS BY AUDITION
 5437005 MW 2:10-3:00
 MEETS: JAN 9-MAY 5

CANTAMUS WMNS CHOIR MUSIC 151A 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 4461005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

STATESMEN MNS CHOIR MUSIC 151B 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 4471005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

IOWA STATE SINGERS MUSIC 161 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5441005 MTWRF 12:10-1:00
 MEETS: JAN 9-MAY 5

SYMPHONY ORCHESTRA MUSIC 181 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5443005 TR 4:10-6:00PM
 MEETS: JAN 9-MAY 5

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

MUSIC

(CONTINUED)

APPLD MUSIC STRINGS MUSIC 219D 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 219E 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 219F 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 219I 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

CLASS STDY PIANO IV MUSIC 228 1 CREDIT
 Prereq: MUSIC 227 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
 THE INSTRUCTOR.
 Instructor permission required 1st week.
 5456005 A TR 10:00-10:50
 MEETS: JAN 9-MAY 5
 5456010 B MW 11:00-11:50
 MEETS: JAN 9-MAY 5

MUSIC THEORY II MUSIC 234 3 CREDITS
 Prereq: MUSIC 224. CONCURRENT ENROLLMENT IN
 MUSIC 235 RECOMMENDED.
 2430005 A MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 2430010 B MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

AURAL THEORY II MUSIC 235 1 CREDIT
 Prereq: MUSIC 225; CREDIT OR ENROLLMENT IN
 MUSIC 234
 2502005 A TR 10:00-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

MUSIC IN ELEM EDUC MUSIC 265 2 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 7209005 A TR 3:10-4:00
 MEETS: JAN 9-MAY 5
 7209010 B TR 2:10-3:00
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.
 7209015 C TR 4:10-5:00
 MEETS: JAN 9-MAY 5
 7209020 D TR 5:10-6:00PM
 MEETS: JAN 9-MAY 5

INTRO TO MUSIC EDUC MUSIC 266 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN MUSIC 480K
 480K
 5459005 A MW 3:10-4:00 ROYSTON N
 MEETS: JAN 9-MAY 5

PRE-TCH EXP I:MUSIC MUSIC 280K .5 CREDIT
 Satisfactory-Fail Only.
 5807005 ARRANGED
 MEETS: JAN 9-MAY 5

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

MUSIC

(CONTINUED)

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

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 9-MAY 5

OPERA STDO MU THTRE MUSIC 301B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8670005 ARRANGED
 MEETS: MARCH 6-MAY 5

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 9-MAY 5

HIS AMER ROCK'N'ROL 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 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WW

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

MUSIC

(CONTINUED)

APPLIED MUSIC ORGAN MUSIC 319C 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 319D 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 319E 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE MUSIC 321A 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO MUSIC 321B 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE ORGAN MUSIC 321C 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBL STRINGS MUSIC 321D 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBL WOODWINDS MUSIC 321F 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS MUSIC 321G 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSM PERCUSSION MUSIC 321I 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

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 9-MAY 5

FUNC PIANO FOR KEYB MUSIC 327A 2 CREDITS
 Prereq: MUSIC 228 OR PERMISSION OF INSTRUCTOR
 2633005 TR 9:00-9:50
 MEETS: JAN 9-MAY 5

FUNC PIANO FOR VOIC MUSIC 327B 2 CREDITS
 Prereq: MUSIC 228 OR PERMISSION OF INSTRUCTOR
 2636005 TR 3:10-4:00, ARRANGED
 MEETS: JAN 9-MAY 5

MUSIC THEORY IV MUSIC 344 3 CREDITS
 Prereq: MUSIC 334. CONCURRENT ENROLLMENT IN
 MUSIC 345 RECOMMENDED.
 2571005 A MWF 2:10-3:00
 MEETS: JAN 9-MAY 5
 2571010 B MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

AURAL THEORY IV MUSIC 345 1 CREDIT
 Prereq: MUSIC 335; CREDIT OR ENROLLMENT IN
 MUSIC 344
 2602005 A TR 10:00-10:50
 MEETS: JAN 9-MAY 5
 2602010 B TR 9:00-9:50
 MEETS: JAN 9-MAY 5

MUSIC

(CONTINUED)

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

LAB ENSEMBLE CHORAL MUSIC 358A R CREDIT
 7331005 W 4:10-5:45
 MEETS: JAN 9-MAY 5

LAB ENSEMBLE INSTRUM MUSIC 358B R CREDIT
 Note: ADDITIONAL EXPENSES MAY APPLY
 Satisfactory-Fail Only.
 7330005 T 12:10-1:00
 MEETS: JAN 9-MAY 5

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, ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

MRCH BND&JZ ENS TNQ MUSIC 368 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MUSIC 362B
 RECOMMENDED
 4598005 TR 9:00-9:50
 MEETS: JAN 9-MAY 5

CHORAL MTHDS INSTRM MUSIC 375X 1 CREDIT
 Prereq: CLASSIFICATION AS A MUSIC MAJOR OR
 PERMISSION OF INSTRUCTOR; MUSIC 280K; MUSIC 266
 AND ADMISSION INTO TEACHER EDUCATION
 9703005 F 1:10-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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

MUSIC

(CONTINUED)

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 2016
 6741005 1 ARRANGED
 MEETS: JAN 9-MARCH 3
 Note: SEC 1 OFFERED FOR 8 CREDITS
 6741010 2 ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: SEC 2 OFFERED FOR 8 CREDITS

STUDNT TCHG SEC MUS MUSIC 417S VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2016
 6690005 1 ARRANGED
 MEETS: JAN 9-MARCH 3
 6690010 2 ARRANGED
 MEETS: MARCH 6-MAY 5

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 9-MAY 5
 Note: COURSES FOR JUNIOR OR SENIOR RECITALS ONLY

APP THRY:IMPROV&ARR MUSIC 434X 3 CREDITS
 Prereq: MUSIC 344, MUSIC 345
 9705005 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5

EXPERNCE III: MUSIC MUSIC 480K 1 CREDIT
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2016
 Satisfactory-Fail Only.
 7691005 ARRANGED
 MEETS: JAN 9-MAY 5

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

MUSIC

(CONTINUED)

INDEP STUDY HISTORY MUSIC 490D VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LITERATURE MUSIC 490E VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY APPL MUSIC MUSIC 490F VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: ADDITIONAL EXPENSES MAY APPLY FOR LESSONS
 SEE SPECIFIC SECTION FOR DETAILS
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY CONDUCTG MUSIC 490G VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS MUSIC 490H VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELECTRNC M MUSIC 490I VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS THEORY MUSIC 590B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS COMPOSIT MUSIC 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LIT MUSIC 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC APPL MUSIC MUSIC 590F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRNC MU MUSIC 590I VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

NREM LRN CMM SEMINR NREM 111 1 CREDIT
 Prereq: MEMBER OF THE NREM TRANSITIONS LEARNING
 COMMUNITY
 Satisfactory-Fail Only.
 8032005 1 F 12:10-1:00 BURNETT J
 MEETS: JAN 9-MAY 5
 8032010 2 T 12:10-1:00 BURNETT J
 MEETS: JAN 9-MAY 5

DEV LEARNRS&LEADERS NREM 114 2 CREDITS
 Prereq: HORT/NREM 112
 8116010 B W 4:10-6:00PM WIERSEMA J
 MEETS: JAN 9-MAY 5

INTR RENEW RESOURCS NREM 120 3 CREDITS
 1297005 MWF 12:10-1:00 PRITCHARD J
 MEETS: JAN 9-MAY 5
 1297600 XW ARRANGED PRITCHARD J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

NAT RESOURCES &AGRI NREM 130 3 CREDITS
 1055005 MWF 9:00-9:50 ISENHART T
 MEETS: JAN 9-MAY 5

NAT RESOURC CAREERS NREM 211 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 4467005 R 2:10-3:00 BURNETT J
 MEETS: JAN 9-MAY 5

QUANTV PROBLEM SOLV NREM 240X 3 CREDITS
 Prereq: STAT 101 OR STAT 104, OR PERMISSION
 OF THE INSTRUCTOR
 9702005 MW 3:10-4:00 MOORE P
 R 3:40-5:40 MOORE P
 MEETS: JAN 9-MAY 5

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
 Note: OFFERED FOR 1 CREDIT SPRING 2016
 1058600 XW ARRANGED SKRYNNIKOVA L
 MEETS: JAN 9-MARCH 3
 Note: Section XW is off campus
 Course delivery is WWW

PRIN INTERPRETATION NREM 330 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL SCIENCES
 Note: PARTICIPATION IN FIELD TRIPS IS MANDATORY,
 MUST ALLOW TRAVEL TIME IN YOUR SCHEDULE AS RETURN
 TO AMES MAY BE AFTER 5PM
 COURSE RESTRICTED TO A ECL, FOR MAJORS ONLY
 1070005 TR 2:10-3:00 PRITCHARD J
 R 3:10-5:00 PRITCHARD J
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

NAT RES PHOTGRM&GIS NREM 345 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 3730005 TR 8:00-8:50 WOLTER P
 W 1:10-4:00 WOLTER P
 MEETS: JAN 9-MAY 5

FOREST HERBAC LAYER NREM 358 1 CREDIT
 Prereq: BIOL 212
 1716005 R 11:00-2:00 MCMULLEN C
 MEETS: MARCH 6-MAY 5

NAT RESOURCE POLICY NREM 385 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 8335005 1 MW 10:00-10:50 PRITCHARD J
 F 10:00-10:50 PRITCHARD J
 MEETS: JAN 9-MAY 5

WATERSHED MANAGMNT 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 9-MAY 5
 3727010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 9-MAY 5

ECOSYSTEM MANAGMNT 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 9-MAY 5
 Note: Field trips & travel fee \$25.00

CONTRV NAT RSRC MGT NREM 460 3 CREDITS
 Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND
 JUNIOR CLASSIFICATION
 7598005 1 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 7598010 2 MW 11:00-12:20
 MEETS: JAN 9-MAY 5

AGROFORESTRY SYSTMS NREM 471 3 CREDITS
 Prereq: 6 CR IN BIOL SCI AT 300-LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 5122005 TR 8:00-8:50 RUSSELL A
 M 1:10-4:00 RUSSELL A
 MEETS: JAN 9-MAY 5

UNDERGRAD SEMINAR NREM 485X 1 CREDIT
 Prereq: JUNIOR OR SENIOR CLASSIF IN A ECL OR FOR
 Satisfactory-Fail Only.
 4521005 F 3:10-4:00 MOORE P
 MEETS: JAN 9-MAY 5

SURV REMOTE SNS TEC NREM 489 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 9752005 TR 9:30-10:50 AANSTOOS J
 MEETS: JAN 9-MAY 5

SATELL RMT SENS LAB NREM 489L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489
 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489
 OR NREM 589 OR E E 489
 5267005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 9-MAY 5

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 9-MAY 5

INDEP STUDY HONORS NREM 490H 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

DOMESTIC TRAVEL NREM 496B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2597005 1 ARRANGED RENTZ M
 MEETS: JAN 9-MAY 5
 Note: SEC 1 TOPIC: YELLOWSTONE
 SEC 2 OFFER FOR 2 CREDITS SPRING 2016
 Instructor permission required.
 2597010 2 F 9:00-11:00 THOMPSON J
 MEETS: JAN 9-MAY 5
 Note: SEC 2 DENVER, COLORADO
 TOPIC: BIODIVERSITY CONSERVATION IN URBAN REGIONS
 SEC 2 FOR GRAUDATE STUDENTS ONLY
 Instructor permission required.

COOPERATIVE EDUC NREM 498 1- 3 CREDITS
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Permission of department chair required.
 Satisfactory-Fail Only.
 7593005 ARRANGED BLODGETT S
 MEETS: JAN 9-MAY 5

SEMINAR NREM 505 1- 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 Note: COURSE RESTRICTED TO JUNIOR, SENIOR & GRAD
 STUDENTS ONLY
 1083005 1 W 3:10-4:00 KLAVER R
 MEETS: JAN 9-MAY 5
 Note: SEC 1 OFFERED FOR 1 CRDIT SPRING 2017
 1083010 2 TR 11:00-12:30 WEBER M
 MEETS: JAN 9-MAY 5
 Note: SEC 2 OFFERED FORM 3 CREDITS SPRING 2017

WATERSHED MANAGMNT NREM 507 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 JUNIORS & SENIORS NEED THE PERMISSION OF INSTRUCTOR
 3857005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 9-MAY 5
 3857010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 9-MAY 5

INTRO DNA TECHNIQS NREM 542A 1 CREDIT
 Satisfactory-Fail Only.
 3744005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 10-FEB 9

INTR PROTEIN TECHNQ NREM 542B 1 CREDIT
 Satisfactory-Fail Only.
 7042005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS NREM 542C 1 CREDIT
 Satisfactory-Fail Only.
 3777005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 28-APRIL 27

ECOSYSTEM MANAGMNT 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 9-MAY 5
 Note: Field trips & travel fee \$25.00

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

AGROFORESTRY SYSTMS NREM 571 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL SCIENCE
 AT 300 LEVEL OR ABOVE
 4826005 Note: Meets international perspectives reqmt
 TR 8:00-8:50 RUSSELL A
 M 1:10-4:00 RUSSELL A
 MEETS: JAN 9-MAY 5

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 PRITCHARD J
 MEETS: JAN 9-MAY 5

SURV REMOTE SNS TEC NREM 589 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 9757005 TR 9:30-10:50 AANSTOOS J
 MEETS: JAN 9-MAY 5

SATELL RMT SENS LAB NREM 589L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489
 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489
 OR NREM 589 OR E E 489
 6449005 1 R 11:00-1:50 WOLTER P
 MEETS: JAN 9-MAY 5

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

DOMESTIC TRAVEL NREM 596B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2606010 2 F 9:00-11:00 THOMPSON J
 MEETS: JAN 9-MAY 5
 Note: SEC 2 DENVER, COLORADO TRAVEL MARCH 8-14
 TOPIC: BIODIVERSITY CONSERVATION IN URBAN REGIONS
 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

TEACHING PRACTICUM NREM 698 1 CREDIT
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH NREM 699 1-12 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

NAVAL SCIENCE

SEAPOWR&MARITME AFF N S 212 3 CREDITS
 7303005 A TR 9:30-10:50 BUHR D
 T 4:10-5:30 BUHR D
 R 4:10-5:30 BUHR D
 MEETS: JAN 9-MAY 5

NAVIGATION N S 230 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 5708005 A TR 8:00-9:20 PFAFF J
 T 4:10-5:30 PFAFF J
 R 4:10-5:30 PFAFF J
 MEETS: JAN 9-MAY 5

FUND MNEUVR WARFARE N S 240X 3 CREDITS
 9516005 1 TR 11:00-12:20 MULET S
 TR 4:10-5:30 MULET S
 MEETS: JAN 9-MAY 5

NAVAL SHIP SYSTM II N S 330 3 CREDITS
 Prereq: PHYS 221, SOPHOMORE CLASSIFICATION
 5707005 A MWF 9:00-9:50 BURCHILL M
 T 4:10-5:30 BURCHILL M
 R 4:10-5:30 BURCHILL M
 MEETS: JAN 9-MAY 5
 Note: Department permission required.

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 CURTIS S
 TR 4:10-5:30 CURTIS S
 MEETS: JAN 9-MAY 5

NAVAL SCIENCE (CONTINUED)

SENIOR N S SEMINAR N S 440 1 CREDIT
 Prereq: SENIOR CLASSIFICATION
 Satisfactory-Fail Only.
 4061005 TR 4:10-5:30 CURTIS S
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY N S 490 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION AND PRIOR APPROVAL
 OF N S DEPARTMENT CHAIR, 6 CREDITS IN NAVAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF N S 490 MAY BE APPLIED
 TOWARD GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NEUROSCIENCE

NEUROSCI JOURNL CLB NEURO 690 1 CREDIT
 Prereq: NEURO 556
 8554005 ARRANGED
 MEETS: JAN 9-MAY 5

NEUROSCIENCE SEMINR NEURO 696 1 CREDIT
 Prereq: NEURO 556
 8555005 ARRANGED
 MEETS: JAN 9-MAY 5

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

NUCLEAR ENGINEERING

NUCLEAR REACTR ENGR NUC E 402 3 CREDITS
 Prereq: NUC E 401, PERMISSION OF NUCLEAR
 ENGINEERING PROGRAM DIRECTOR
 7745005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

7745600 XE ARRANGED MAXWELL G
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

RADIATN DETECT,MEAS NUC E 461 3 CREDITS
 Prereq: NUC E 401
 9307005 A MW 9:00-9:50
 R 12:10-3:00
 MEETS: JAN 9-MAY 5

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 T 12:10-1:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

INTRO DNA TECHNIQS NUTRS 542A 1 CREDIT
 Satisfactory-Fail Only.
 8628005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 10-FEB 9

INTR PROTEIN TECHNQ NUTRS 542B 1 CREDIT
 Satisfactory-Fail Only.
 7114005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS NUTRS 542C 1 CREDIT
 Satisfactory-Fail Only.
 8633005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 28-APRIL 27

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 CAMPBELL C
 MEETS: JAN 9-MAY 5
 Note: SEC A OFFERED FOR 3 CREDITIS SPRING 2016.

NUTRITIONAL SCIENCES (CONTINUED)

VITAMINS & MINERALS NUTRS 618 2 CREDITS
 Prereq: BIOCHEMISTRY, PHYSIOLOGY, BASIC NUTRITION
 4278005 1 TR 11:00-11:50
 MEETS: JAN 9-MAY 5

SPECIAL PROBLEMS NUTRS 690 VAR. CREDITS
 6201005 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

TOPICS TROPICL BIOL OTS 515 1- 8 CREDITS
 7544005 ARRANGED
 MEETS: JAN 9-MAY 5

PERFORMING ARTS

ISSUES PERFORM ARTS PERF 105 R CREDIT
 Satisfactory-Fail Only.
 3673005 R 4:10-5:30
 MEETS: JAN 9-MAY 5 COX J

PERFORM ARTS INTERN PERF 310 R CREDIT
 Satisfactory-Fail Only.
 3677005 ARRANGED
 MEETS: JAN 9-MAY 5 TRENBERTH J

PERFRM ARTS SEMINAR PERF 401 2 CREDITS
 3706005 ARRANGED
 MEETS: JAN 9-MAY 5 COX J

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS
 5824005 A MWF 2:10-3:00
 MEETS: JAN 9-MAY 5 TSOU J

5824010 B MWF 12:10-1:00
 MEETS: JAN 9-MAY 5 DOSANJH R

5824015 C TR 11:00-12:20
 MEETS: JAN 9-MAY 5 ALEXANDER D

5824040 J TR 12:40-2:00
 MEETS: JAN 9-MAY 5 BIGGS S

5824060 N MWF 10:00-10:50
 MEETS: JAN 9-MAY 5 DOSANJH R

5824065 P MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

5824070 R MWF 1:10-2:00
 MEETS: JAN 9-MAY 5 DOSANJH R

5824075 S TR 11:00-12:20
 MEETS: JAN 9-MAY 5 TAYLOR E

5824080 T TR 2:10-3:30
 MEETS: JAN 9-MAY 5 TAYLOR E

5824090 V MWF 10:00-10:50
 MEETS: JAN 9-MAY 5 MILLER D

5824095 W MWF 12:10-1:00
 MEETS: JAN 9-MAY 5 MILLER D

INTR SYMBOLIC LOGIC PHIL 207 3 CREDITS
 5826005 MWF 12:40-2:00
 MEETS: JAN 9-MAY 5 BUTLER A

MORAL THEOR&PRCTICE PHIL 230 3 CREDITS
 5827005 A MWF 1:10-2:00
 MEETS: JAN 9-MAY 5 HOBSON K

5827010 B MWF 2:10-3:00
 MEETS: JAN 9-MAY 5 HOBSON K

5827015 C MWF 9:00-9:50
 MEETS: JAN 9-MAY 5 PADGETT-WALSH C

Note: SEC C FOR COLLEGE OF BUSINESS MAJORS ONLY
 5827020 D MWF 10:00-10:50
 MEETS: JAN 9-MAY 5 HOBSON K

Note: SEC D FOR COLLEGE OF BUSINESS MAJORS ONLY
 5827025 E TR 9:30-10:50
 MEETS: JAN 9-MAY 5 BUTLER T

Note: SEC E FOR COLLEGE OF BUSINESS MAJORS ONLY
 5827030 F TR 11:00-12:20
 MEETS: JAN 9-MAY 5 BUTLER T

Note: SEC F FOR COLLEGE OF BUSINESS MAJORS ONLY
 5827035 G TR 11:00-12:20
 MEETS: JAN 9-MAY 5 PADGETT-WALSH K

5827040 J MWF 1:10-2:00
 MEETS: JAN 9-MAY 5 HOLMGREN M

5827045 K MWF 12:10-1:00
 MEETS: JAN 9-MAY 5 KNIGHT G

5827050 L MWF 10:00-10:50
 MEETS: JAN 9-MAY 5 CONNOLLY P

5827055 M MWF 2:10-3:00
 MEETS: JAN 9-MAY 5 KNIGHT G

5827075 P MWF 2:10-3:00
 MEETS: JAN 9-MAY 5 HOLMGREN M

5827080 R TR 12:40-2:00
 MEETS: JAN 9-MAY 5 KUPFER J

5827090 T MWF 11:00-11:50
 MEETS: JAN 9-MAY 5 HOLMGREN M

PHILOSOPHY (CONTINUED)

MORAL THEOR&PRCTICE PHIL 230 3 CREDITS
 5827095 U MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

Note: SEC U RESTRICTED TO THE COLLEGE OF BUSINESS MAJORS ONLY
 5827100 V MWF 10:00-10:50
 MEETS: JAN 9-MAY 5 PADGETT-WALSH C

Note: SEC V FOR COLLEGE OF BUSINESS MAJORS ONLY
 5827105 W MWF 3:10-4:00
 MEETS: JAN 9-MAY 5 HOBSON K

5827110 Y MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

ETH ISS DIVERSE SOC PHIL 235 3 CREDITS
 4962005 A MWF 1:10-2:00
 MEETS: JAN 9-MAY 5 PADGETT-WALSH C

Note: SEC V RESTRICTED TO THE COLLEGE OF BUSINESS STUDENTS ONLY

MEDIEVAL PHILOSOPHY PHIL 312X 3 CREDITS
 Prereq: PHIL 201
 9901005 MW 3:10-4:40
 MEETS: JAN 9-MAY 5 CONNOLLY P

18TH CEN PHILOSOPHY PHIL 315 3 CREDITS
 Prereq: PHIL 201
 9626005 TR 11:00-12:20
 MEETS: JAN 9-MAY 5 BUTLER A

20TH C ANGLO-AM PHI PHIL 318 3 CREDITS
 Prereq: 6 CR. IN PHILOSOPHY, INCLUDING PHIL 201
 1825005 T 3:40-6:00PM
 MEETS: JAN 9-MAY 5 BIGGS S

EXISTENTIALSM&CRITC PHIL 320 3 CREDITS
 Prereq: PHIL 201
 5834005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5 KNIGHT G

MORAL PROB MEDICINE PHIL 331 3 CREDITS
 Prereq: PHIL 230 OR JUNIOR CLASSIFICATION
 5835005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5 KUPFER J

PHILOSOPHY OF LAW PHIL 332 3 CREDITS
 Prereq: PHIL 201 OR PHIL 230
 Note: Instructor permission required 1st week.
 5836005 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5 WOLF C

PHIL OF TECHNOLOGY PHIL 343 3 CREDITS
 Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
 AND 3 CREDITS OF SOCIAL SCIENCE
 7343005 A MWF 12:10-1:00
 MEETS: JAN 9-MAY 5 TSOU J

7343010 B MWF 10:00-10:50
 MEETS: JAN 9-MAY 5 TSOU J

7343015 C TR 9:30-10:50
 MEETS: JAN 9-MAY 5 SMITH T

PHILOS OF RELIGION PHIL 350 3 CREDITS
 Prereq: PHIL 201
 5839005 A TR 12:40-2:00
 MEETS: JAN 9-MAY 5 GEIRSSON H

VALUE THEORY PHIL 430 3 CREDITS
 Prereq: PHIL 230
 5842005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5 PADGETT-WALSH K

TOPICS EPISTEMOLOGY PHIL 466 3 CREDITS
 Prereq: 6 CR IN PHILOSOPHY
 Note: Instructor permission required 1st week.
 5844005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5 ALEXANDER D

5844010 B ARRANGED
 MEETS: JAN 9-MAY 5

PHILOSOPH OF PHYSICS PHIL 485 3 CREDITS
 Prereq: 3 CREDITS IN PHILOSOPHY OR PHYSICS
 8048005 MW 3:10-4:30
 MEETS: JAN 9-MAY 5 MILLER D

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

PHILOSOPHY

(CONTINUED)

PHYSICS

(CONTINUED)

GRADUATING SR SURVEY PHIL 492 R CREDIT
 Satisfactory-Fail Only.
 3891005 ARRANGED
 MEETS: JAN 9-MAY 5

CONTEMP POLITC PHIL 535 3 CREDITS
 Prereq: 6 CREDITS OF PHIL OR POLITICAL SCIENCE
 5637005 W 3:10-5:40 SMITH T
 MEETS: JAN 9-MAY 5

SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5850005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5851005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOP VALUE THRY PHIL 590C 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 Note: Instructor permission required.
 5852005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5853005 ARRANGED
 MEETS: JAN 9-MAY 5

GENERAL PHYSICS PHYS 111 5 CREDITS
 5857040 8 TR 9:30-10:50
 F 3:10-4:00
 MEETS: JAN 9-MAY 5

5857045 9 TR 9:30-10:50
 F 4:10-5:00
 MEETS: JAN 9-MAY 5

5857041 10 TR 11:00-12:20
 F 9:00-9:50
 MEETS: JAN 9-MAY 5

5857046 11 TR 11:00-12:20
 F 10:00-10:50
 MEETS: JAN 9-MAY 5

5857047 12 TR 11:00-12:20
 F 11:00-11:50
 MEETS: JAN 9-MAY 5

5857048 13 TR 11:00-12:20
 F 12:10-1:00
 MEETS: JAN 9-MAY 5

5857049 14 TR 11:00-12:20
 F 1:10-2:00
 MEETS: JAN 9-MAY 5

5857050 15 TR 11:00-12:20
 F 2:10-3:00
 MEETS: JAN 9-MAY 5

5857051 16 TR 11:00-12:20
 F 3:10-4:00
 MEETS: JAN 9-MAY 5

5857052 17 TR 11:00-12:20
 F 4:10-5:00
 MEETS: JAN 9-MAY 5

5857054 A M 8:00-9:50
 MEETS: JAN 9-MAY 5

5857055 B M 10:00-11:50
 MEETS: JAN 9-MAY 5

5857060 C M 12:10-2:00
 MEETS: JAN 9-MAY 5

5857065 D M 2:10-4:00
 MEETS: JAN 9-MAY 5

5857070 E M 4:10-6:00PM
 MEETS: JAN 9-MAY 5

5857075 F T 9:00-10:50
 MEETS: JAN 9-MAY 5

5857080 G T 12:10-2:00
 MEETS: JAN 9-MAY 5

5857085 H T 2:10-4:00
 MEETS: JAN 9-MAY 5

5857090 J T 4:10-6:00PM
 MEETS: JAN 9-MAY 5

5857095 K W 8:00-9:50
 MEETS: JAN 9-MAY 5

5857100 L W 10:00-11:50
 MEETS: JAN 9-MAY 5

5857084 M W 12:10-2:00
 MEETS: JAN 9-MAY 5

5857105 N W 2:10-4:00
 MEETS: JAN 9-MAY 5

5857110 P W 4:10-6:00PM
 MEETS: JAN 9-MAY 5

5857115 Q R 9:00-10:50
 MEETS: JAN 9-MAY 5

5857120 R R 12:10-2:00
 MEETS: JAN 9-MAY 5

5857125 T R 2:10-4:00
 MEETS: JAN 9-MAY 5

5857130 U R 4:10-6:00PM
 MEETS: JAN 9-MAY 5

5857135 V R 6:10-8:00PM
 MEETS: JAN 9-MAY 5

5857140 X M 6:10-8:00PM
 MEETS: JAN 9-MAY 5

5857145 Y W 6:10-8:00PM
 MEETS: JAN 9-MAY 5

5857300 LW ARRANGED
 MEETS: JAN 9-MAY 5

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. Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

5858005 1 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 9-MAY 5

5858010 2 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 9-MAY 5

5858015 3 MWF 12:10-1:00
 R 10:00-10:50
 MEETS: JAN 9-MAY 5

5858020 4 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 9-MAY 5

5858025 5 MWF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 9-MAY 5

PHYSICS

INTRO PHYSICS PREP PHYS 50X 0 CREDITS
 Prereq: 1 YEAR OF HIGH SCHOOL ALGEBRA
 9311005 1 WF 2:10-3:30
 MEETS: JAN 9-MAY 5

9311010 2 TR 3:40-5:00
 WF 4:10-5:00
 MEETS: MARCH 6-MAY 5

PHYS FOR NON-SCIENT PHYS 101 3 CREDITS
 5855005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

PHYSCL SC FOR EL ED PHYS 102L 3 CREDITS
 Prereq: MATH 195 OR MATH 140

8651005 1 M 3:10-4:00
 TR 10:00-11:50
 MEETS: JAN 9-MAY 5

8651010 2 M 3:10-4:00
 TR 12:10-2:00
 MEETS: JAN 9-MAY 5

8651015 3 M 3:10-4:00
 TR 2:10-4:00
 MEETS: JAN 9-MAY 5

8651020 4 M 3:10-4:00
 TR 4:10-6:00PM
 MEETS: JAN 9-MAY 5

8651025 5 T 3:40-4:30
 WF 8:00-9:50
 MEETS: JAN 9-MAY 5

8651030 6 T 3:40-4:30
 WF 10:00-11:50
 MEETS: JAN 9-MAY 5

8651035 7 T 3:40-4:30
 WF 12:10-2:00
 MEETS: JAN 9-MAY 5

8651040 8 M 3:10-4:00
 TR 2:10-4:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

5857010 2 TR 9:30-10:50
 F 9:00-9:50
 MEETS: JAN 9-MAY 5

5857015 3 TR 9:30-10:50
 F 10:00-10:50
 MEETS: JAN 9-MAY 5

5857020 4 TR 9:30-10:50
 F 11:00-11:50
 MEETS: JAN 9-MAY 5

5857025 5 TR 9:30-10:50
 F 12:10-1:00
 MEETS: JAN 9-MAY 5

5857030 6 TR 9:30-10:50
 F 1:10-2:00
 MEETS: JAN 9-MAY 5

5857035 7 TR 9:30-10:50
 F 2:10-3:00
 MEETS: JAN 9-MAY 5

PHYSICS

(CONTINUED)

PHYSICS

(CONTINUED)

GENERAL PHYSICS	PHYS 112	5 CREDITS
5858030	6 MWF 12:10-1:00 R 1:10-2:00 MEETS: JAN 9-MAY 5	
5858035	7 MWF 12:10-1:00 R 2:10-3:00 MEETS: JAN 9-MAY 5	
5858038	8 MWF 12:10-1:00 R 3:10-4:00 MEETS: JAN 9-MAY 5	
5858039	9 MWF 12:10-1:00 R 10:00-10:50 MEETS: JAN 9-MAY 5	
5858042	A T 8:00-9:50 MEETS: JAN 9-MAY 5	
5858045	B T 10:00-11:50 MEETS: JAN 9-MAY 5	
5858050	C T 12:10-2:00 MEETS: JAN 9-MAY 5	
5858055	D T 2:10-4:00 MEETS: JAN 9-MAY 5	
5858060	E T 4:10-6:00PM MEETS: JAN 9-MAY 5	
5858065	F W 8:00-9:50 MEETS: JAN 9-MAY 5	
5858070	G W 10:00-11:50 MEETS: JAN 9-MAY 5	
5858075	H W 2:10-4:00 MEETS: JAN 9-MAY 5	
5858080	J W 4:10-6:00PM MEETS: JAN 9-MAY 5	
5858085	K T 6:10-8:00PM MEETS: JAN 9-MAY 5	
5858090	L W 6:10-8:00PM MEETS: JAN 9-MAY 5	
5858095	M R 8:00-9:50 MEETS: JAN 9-MAY 5	
5858500	LW ARRANGED MEETS: JAN 9-MAY 5	

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 9-MAY 5	
9212010	2 TR 2:10-3:30 W 9:00-9:50 MEETS: JAN 9-MAY 5	
9212015	3 TR 2:10-3:30 W 10:00-10:50 MEETS: JAN 9-MAY 5	
9212020	4 TR 2:10-3:30 W 11:00-11:50 MEETS: JAN 9-MAY 5	
9212025	5 TR 2:10-3:30 W 12:10-1:00 MEETS: JAN 9-MAY 5	
9212030	6 TR 2:10-3:30 W 1:10-2:00 MEETS: JAN 9-MAY 5	
9212035	7 TR 2:10-3:30 W 2:10-3:00 MEETS: JAN 9-MAY 5	
9212040	8 TR 2:10-3:30 W 3:10-4:00 MEETS: JAN 9-MAY 5	

LAB PHYS FOR LF SCI PHYS 115L 1 CREDIT

9252005	A T 8:00-9:50 MEETS: JAN 9-MAY 5	
9252010	B T 10:00-11:50 MEETS: JAN 9-MAY 5	
9252015	C T 12:10-2:00 MEETS: JAN 9-MAY 5	
9252020	D T 4:10-6:00PM MEETS: JAN 9-MAY 5	
9252025	E W 10:00-11:50 MEETS: JAN 9-MAY 5	

Note: SEC E DO NOT ENROLL IN RECITATION SEC 3 OR 4 IN PHYS 115 BECAUSE THEY CONFLICT WITH THIS LAB

INTR CLASSCL PHYS I PHYS 221 5 CREDITS

Prereq: CREDIT OR ENROLLMENT IN MATH 166

Note: 2-PART COURSE. ALL STUDENTS MUST REGISTER FOR NUMBERED SEC (LECTURE/DICUSSION) AND LETTERED SEC. (LAB). STUDENTS WHO ARE REPEATING PHYS 211 SHOULD REGISTER FOR THE LW (LAB WAIVER) SECTION.

Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

5861130	28 MWF 3:10-4:00 TR 8:00-8:50 MEETS: JAN 9-MAY 5	
5861005	1 MWF 8:00-8:50 TR 8:00-8:50 MEETS: JAN 9-MAY 5	
5861010	2 MWF 8:00-8:50 TR 9:00-9:50 MEETS: JAN 9-MAY 5	

Note: SEC 2 RESTRICTED TO PHYSICS MAJORS ONLY

INTR CLASSCL	PHYS I	PHYS 221	5 CREDITS
5861015	3 MWF 8:00-8:50 TR 10:00-10:50 MEETS: JAN 9-MAY 5		
5861020	4 MWF 8:00-8:50 TR 11:00-11:50 MEETS: JAN 9-MAY 5		
5861025	5 MWF 8:00-8:50 TR 12:10-1:00 MEETS: JAN 9-MAY 5		
5861030	6 MWF 8:00-8:50 TR 1:10-2:00 MEETS: JAN 9-MAY 5		
5861035	7 MWF 8:00-8:50 TR 2:10-3:00 MEETS: JAN 9-MAY 5		
5861040	8 MWF 8:00-8:50 TR 3:10-4:00 MEETS: JAN 9-MAY 5		
5861045	9 MWF 8:00-8:50 TR 4:10-5:00 MEETS: JAN 9-MAY 5		
5861050	10 MWF 9:00-9:50 TR 8:00-8:50 MEETS: JAN 9-MAY 5		
5861055	11 MWF 9:00-9:50 TR 9:00-9:50 MEETS: JAN 9-MAY 5		
5861060	12 MWF 9:00-9:50 TR 10:00-10:50 MEETS: JAN 9-MAY 5		
5861065	13 MWF 9:00-9:50 TR 11:00-11:50 MEETS: JAN 9-MAY 5		
5861070	Note: SEC 13 RESTRICTED TO PHYSICS MAJORS ONLY 14 MWF 9:00-9:50 TR 12:10-1:00 MEETS: JAN 9-MAY 5		
5861075	15 MWF 9:00-9:50 TR 1:10-2:00 MEETS: JAN 9-MAY 5		
5861080	16 MWF 9:00-9:50 TR 2:10-3:00 MEETS: JAN 9-MAY 5		
5861085	17 MWF 9:00-9:50 TR 3:10-4:00 MEETS: JAN 9-MAY 5		
5861087	18 MWF 9:00-9:50 TR 4:10-5:00 MEETS: JAN 9-MAY 5		
5861088	19 MWF 10:00-10:50 TR 8:00-8:50 MEETS: JAN 9-MAY 5		
5861090	20 MWF 10:00-10:50 TR 9:00-9:50 MEETS: JAN 9-MAY 5		
5861095	21 MWF 10:00-10:50 TR 10:00-10:50 MEETS: JAN 9-MAY 5		
5861100	22 MWF 10:00-10:50 TR 11:00-11:50 MEETS: JAN 9-MAY 5		
5861105	23 MWF 10:00-10:50 TR 12:10-1:00 MEETS: JAN 9-MAY 5		
5861110	24 MWF 10:00-10:50 TR 1:10-2:00 MEETS: JAN 9-MAY 5		
5861115	Note: SEC 24 RESTRICTED TO PHYSICS MAJORS ONLY 25 MWF 10:00-10:50 TR 2:10-3:00 MEETS: JAN 9-MAY 5		
5861120	26 MWF 10:00-10:50 TR 3:10-4:00 MEETS: JAN 9-MAY 5		
5861125	27 MWF 10:00-10:50 TR 4:10-5:00 MEETS: JAN 9-MAY 5		
5861135	29 MWF 3:10-4:00 TR 9:00-9:50 MEETS: JAN 9-MAY 5		
5861140	30 MWF 3:10-4:00 TR 10:00-10:50 MEETS: JAN 9-MAY 5		
5861145	Note: SEC 30 RESTRICTED TO PHYS MAJORS ONLY 31 MWF 3:10-4:00 TR 11:00-11:50 MEETS: JAN 9-MAY 5		
5861150	32 MWF 3:10-4:00 TR 12:10-1:00 MEETS: JAN 9-MAY 5		
5861155	33 MWF 3:10-4:00 TR 1:10-2:00 MEETS: JAN 9-MAY 5		
5861160	34 MWF 3:10-4:00 TR 2:10-3:00 MEETS: JAN 9-MAY 5		
5861165	35 MWF 3:10-4:00 TR 3:10-4:00 MEETS: JAN 9-MAY 5		
5861170	36 MWF 3:10-4:00 TR 4:10-5:00 MEETS: JAN 9-MAY 5		
5861175	37 MWF 3:10-4:00 TR 5:10-6:00PM MEETS: JAN 9-MAY 5		

PHYSICS

(CONTINUED)

PHYSICS

(CONTINUED)

INTR	CLASS	SCL	PHYS I	PHYS	221	5 CREDITS
5861180	38		MWF 11:00-11:50			
			TR 8:00-8:50			
			MEETS: JAN 9-MAY 5			
5861185	39		MWF 11:00-11:50			
			TR 9:00-9:50			
			MEETS: JAN 9-MAY 5			
5861190	40		MWF 11:00-11:50			
			ARRANGED			
			MEETS: JAN 9-MAY 5			
5861195	41		MWF 11:00-11:50			
			TR 11:00-11:50			
			MEETS: JAN 9-MAY 5			
5861500	42		MWF 11:00-11:50			
			TR 12:10-1:00			
			MEETS: JAN 9-MAY 5			
			Note: SEC 42 RESTRICTED TO PHYS MAJORS ONLY			
5861505	43		MWF 11:00-11:50			
			TR 1:10-2:00			
			MEETS: JAN 9-MAY 5			
5861510	44		MWF 11:00-11:50			
			TR 2:10-3:00			
			MEETS: JAN 9-MAY 5			
5861515	45		MWF 11:00-11:50			
			TR 3:10-4:00			
			MEETS: JAN 9-MAY 5			
5861520	46		MWF 11:00-11:50			
			TR 4:10-5:00			
			MEETS: JAN 9-MAY 5			
5861525	47		MWF 11:00-11:50			
			TR 5:10-6:00PM			
			MEETS: JAN 9-MAY 5			
5861550	51		MWF 4:10-5:00			
			TR 8:00-8:50			
			MEETS: JAN 9-MAY 5			
5861555	52		MWF 4:10-5:00			
			TR 9:00-9:50			
			MEETS: JAN 9-MAY 5			
5861560	53		MWF 4:10-5:00			
			TR 11:00-11:50			
			MEETS: JAN 9-MAY 5			
5861565	54		MWF 4:10-5:00			
			TR 12:10-1:00			
			MEETS: JAN 9-MAY 5			
5861570	55		MWF 4:10-5:00			
			TR 1:10-2:00			
			MEETS: JAN 9-MAY 5			
5861575	56		MWF 4:10-5:00			
			TR 2:10-3:00			
			MEETS: JAN 9-MAY 5			
5861580	57		MWF 4:10-5:00			
			TR 3:10-4:00			
			MEETS: JAN 9-MAY 5			
5861588	58		MWF 4:10-5:00			
			TR 4:10-5:00			
			MEETS: JAN 9-MAY 5			
5861200	A	M	8:00-9:50			
			MEETS: JAN 9-MAY 5			
5861205	B	M	10:00-11:50			
			MEETS: JAN 9-MAY 5			
5861210	C	M	12:10-2:00			
			MEETS: JAN 9-MAY 5			
5861215	D	M	2:10-4:00			
			MEETS: JAN 9-MAY 5			
5861220	E	M	4:10-6:00PM			
			MEETS: JAN 9-MAY 5			
5861225	F	T	8:00-9:50			
			MEETS: JAN 9-MAY 5			
5861230	G	T	10:00-11:50			
			MEETS: JAN 9-MAY 5			
			Note: SEC G RESTRICTED TO PHYSICS MAJORS ONLY			
5861235	J	T	12:10-2:00			
			MEETS: JAN 9-MAY 5			
5861240	K	T	2:10-4:00			
			MEETS: JAN 9-MAY 5			
			Note: SEC K RESTRICTED TO PHYSICS MAJORS ONLY			
5861245	L	T	4:10-6:00PM			
			MEETS: JAN 9-MAY 5			
5861250	M	W	8:00-9:50			
			MEETS: JAN 9-MAY 5			
5861255	N	W	10:00-11:50			
			MEETS: JAN 9-MAY 5			
			Note: SEC N RESTRICTED TO PHYSICS MAJORS ONLY			
5861260	P	W	12:10-2:00			
			MEETS: JAN 9-MAY 5			
5861265	Q	W	2:10-4:00			
			MEETS: JAN 9-MAY 5			
5861270	R	W	4:10-6:00PM			
			MEETS: JAN 9-MAY 5			
5861275	T	W	8:00-9:50			
			MEETS: JAN 9-MAY 5			
5861280	U	W	10:00-11:50			
			MEETS: JAN 9-MAY 5			
5861285	V	W	12:10-2:00			
			MEETS: JAN 9-MAY 5			
5861290	W	W	2:10-4:00			
			MEETS: JAN 9-MAY 5			
5861300	X	W	4:10-6:00PM			
			MEETS: JAN 9-MAY 5			
5861305	Y	T	8:00-9:50			
			MEETS: JAN 9-MAY 5			
5861310	Z	T	10:00-11:50			
			MEETS: JAN 9-MAY 5			
5861315	AA	T	12:10-2:00			
			MEETS: JAN 9-MAY 5			

INTR	CLASS	SCL	PHYS I	PHYS	221	5 CREDITS
5861425	AB	W	12:10-2:00			
			MEETS: JAN 9-MAY 5			
5861430	AC	W	2:10-4:00			
			MEETS: JAN 9-MAY 5			
5861435	AD	W	4:10-6:00PM			
			MEETS: JAN 9-MAY 5			
5861440	AE	T	8:00-9:50			
			MEETS: JAN 9-MAY 5			
5861445	AF	T	10:00-11:50			
			MEETS: JAN 9-MAY 5			
			Note: SEC AF RESTRICTED TO PHYS MAJORS ONLY			
5861600	AG	T	12:10-2:00			
			MEETS: JAN 9-MAY 5			
5861605	AH	T	2:10-4:00			
			MEETS: JAN 9-MAY 5			
			Note: SEC AH RESTRICTED TO PHYS MAJORS ONLY			
5861610	AJ	T	4:10-6:00PM			
			MEETS: JAN 9-MAY 5			
5861615	AK	T	6:10-8:00PM			
			MEETS: JAN 9-MAY 5			
5861616	AL	T	6:10-8:00PM			
			MEETS: JAN 9-MAY 5			
5861617	AM	W	6:10-8:00PM			
			MEETS: JAN 9-MAY 5			
5861618	AN	T	6:10-8:00PM			
			MEETS: JAN 9-MAY 5			
5861619	AP	W	6:10-8:00PM			
			MEETS: JAN 9-MAY 5			
5861621	AQ	W	6:10-8:00PM			
			MEETS: JAN 9-MAY 5			
5861622	AR	M	6:10-8:00PM			
			MEETS: JAN 9-MAY 5			
5861320	BB	T	2:10-4:00			
			MEETS: JAN 9-MAY 5			
5861325	CC	T	4:10-6:00PM			
			MEETS: JAN 9-MAY 5			
5861330	DD	R	8:00-9:50			
			MEETS: JAN 9-MAY 5			
			Note: SEC DD DO NOT ENROLL IN A TUES/THURS DIS. THAT MEETS AT THE SAME TIME AS THE THURS. LAB			
5861335	EE	R	10:00-11:50			
			MEETS: JAN 9-MAY 5			
			Note: SEC EE DO NOT ENROLL IN A THURS. DISCUSSION (SEC 1-44) THAT MEETS AT THE SAME TIME AS THE LAB			
5861340	FF	R	12:10-2:00			
			MEETS: JAN 9-MAY 5			
			Note: SEC FF 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 9-MAY 5			
			Note: SEC GG 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 9-MAY 5			
			Note: SEC JJ DO NOT ENROLL IN A TUES/THURS DIS. THAT MEETS AT THE SAME TIME AS THE THURS. LAB B			
5861360	KK	F	8:00-9:50			
			MEETS: JAN 9-MAY 5			
5861365	LL	F	10:00-11:50			
			MEETS: JAN 9-MAY 5			
5861355	LW		ARRANGED			
			MEETS: JAN 9-MAY 5			
			Note: SEC LW IS ONLY FOR STUDENTS WHO HAVE SUCCESSFULLY COMPLETED PHYS 221 LABS. STUDENTS IN THE LW SECT MUST APPLY FOR LAB WAIVER ON BLACKBOARD IN THE ST WEEK OF CLASSES			
5861370	MM	F	12:10-2:00			
			MEETS: JAN 9-MAY 5			
5861375	NN	F	2:10-4:00			
			MEETS: JAN 9-MAY 5			
5861380	PP	F	4:10-6:00PM			
			MEETS: JAN 9-MAY 5			
5861385	QQ	F	8:00-9:50			
			MEETS: JAN 9-MAY 5			
5861390	RR	F	10:00-11:50			
			MEETS: JAN 9-MAY 5			
5861395	TT	F	12:10-2:00			
			MEETS: JAN 9-MAY 5			
5861400	UU	F	2:10-4:00			
			MEETS: JAN 9-MAY 5			
5861405	VV	F	4:10-6:00PM			
			MEETS: JAN 9-MAY 5			
5861410	WW	W	8:00-9:50			
			MEETS: JAN 9-MAY 5			
5861415	YY	W	10:00-11:50			
			MEETS: JAN 9-MAY 5			
HONORS-CLASSIC PH I PHYS 221H 5 CREDITS						
Prereq: PROFICIENCY IN ALGEBRA, TRIGONOMETRY, VECTOR MANIPULATION, AND TOPICS COVERED IN MATH 165. CREDIT OR ENROLLMENT IN MATH 166.						
Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE 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 9-MAY 5			
5862010	2	MWF	9:00-9:50			
			TR 11:00-11:50			
			MEETS: JAN 9-MAY 5			

PHYSICS

(CONTINUED)

HONORS-CLASSIC PH I PHYS 221H 5 CREDITS
 5862015 3 MWF 10:00-10:50
 TR 1:10-2:00
 MEETS: JAN 9-MAY 5
 5862020 4 MWF 3:10-4:00
 TR 10:00-10:50
 MEETS: JAN 9-MAY 5
 5862025 5 MWF 11:00-11:50
 TR 12:10-1:00
 MEETS: JAN 9-MAY 5
 5862050 A T 2:10-4:00
 MEETS: JAN 9-MAY 5
 5862055 B W 10:00-11:50
 MEETS: JAN 9-MAY 5
 5862060 C T 10:00-11:50
 MEETS: JAN 9-MAY 5
 5862065 D T 10:00-11:50
 MEETS: JAN 9-MAY 5
 5862070 E T 2:10-4:00
 MEETS: JAN 9-MAY 5

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](http://www.registrar.iastate.edu/students/exams/night-exams).

5863005 1 MWF 1:10-2:00
 T 8:00-8:50
 MEETS: JAN 9-MAY 5
 5863010 2 MWF 1:10-2:00
 T 9:00-9:50
 MEETS: JAN 9-MAY 5
 5863015 3 MWF 1:10-2:00
 T 10:00-10:50
 MEETS: JAN 9-MAY 5
 5863020 4 MWF 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 9-MAY 5
 5863025 5 MWF 1:10-2:00
 T 12:10-1:00
 MEETS: JAN 9-MAY 5
 5863030 6 MWF 1:10-2:00
 T 1:10-2:00
 MEETS: JAN 9-MAY 5
 5863035 7 MWF 1:10-2:00
 T 2:10-3:00
 MEETS: JAN 9-MAY 5
 5863036 8 MWF 1:10-2:00
 T 3:10-4:00
 MEETS: JAN 9-MAY 5
 5863037 9 MWF 1:10-2:00
 T 4:10-5:00
 MEETS: JAN 9-MAY 5
 5863040 10 MWF 2:10-3:00
 T 8:00-8:50
 MEETS: JAN 9-MAY 5
 5863045 11 MWF 2:10-3:00
 T 9:00-9:50
 MEETS: JAN 9-MAY 5
 5863050 12 MWF 2:10-3:00
 T 10:00-10:50
 MEETS: JAN 9-MAY 5
 5863055 13 MWF 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 9-MAY 5
 5863060 14 MWF 2:10-3:00
 T 12:10-1:00
 MEETS: JAN 9-MAY 5
 5863065 15 MWF 2:10-3:00
 T 1:10-2:00
 MEETS: JAN 9-MAY 5
 5863090 16 MWF 2:10-3:00
 T 2:10-3:00
 MEETS: JAN 9-MAY 5
 5863095 17 MWF 2:10-3:00
 T 3:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC 17 RESTRICTED TO PHYSICS MAJORS ONLY
 5863100 18 MWF 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 9-MAY 5
 5863200 A T 8:00-9:50
 MEETS: JAN 9-MAY 5
 5863205 B T 10:00-11:50
 MEETS: JAN 9-MAY 5
 5863215 C T 12:10-2:00
 MEETS: JAN 9-MAY 5
 5863220 D T 2:10-4:00
 MEETS: JAN 9-MAY 5
 5863225 E T 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 5863230 F W 8:00-9:50
 MEETS: JAN 9-MAY 5
 5863235 G W 10:00-11:50
 MEETS: JAN 9-MAY 5
 5863240 J W 12:10-2:00
 MEETS: JAN 9-MAY 5
 5863245 K W 2:10-4:00
 MEETS: JAN 9-MAY 5
 5863250 L W 4:10-6:00PM
 MEETS: JAN 9-MAY 5

PHYSICS

(CONTINUED)

INTR CLASSC PHYS II PHYS 222 5 CREDITS
 5863255 M R 8:00-9:50
 MEETS: JAN 9-MAY 5
 5863260 N R 10:00-11:50
 MEETS: JAN 9-MAY 5
 5863265 P R 12:10-2:00
 MEETS: JAN 9-MAY 5
 5863270 Q R 2:10-4:00
 MEETS: JAN 9-MAY 5
 Note: SEC Q RESTRICTED TO PHYSICS MAJORS ONLY
 5863275 R R 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 5863280 T R 8:00-9:50
 MEETS: JAN 9-MAY 5
 5863285 U R 10:00-11:50
 MEETS: JAN 9-MAY 5
 5863290 V R 12:10-2:00
 MEETS: JAN 9-MAY 5
 5863295 W R 2:10-4:00
 MEETS: JAN 9-MAY 5
 5863305 Y F 8:00-9:50
 MEETS: JAN 9-MAY 5
 5863310 Z F 10:00-11:50
 MEETS: JAN 9-MAY 5
 5863345 LW ARRANGED
 MEETS: JAN 9-MAY 5

Note: SEC LW IS ONLY FOR STUDENTS WHO HAVE
 SUCCESSFULLY COMPLETED PHYS 222 LABS. STUDENTS IN
 THE LW SECT MUST APPLY FOR LAB WAIVER ON BLACKBOARD
 IN THE 1ST WEEK OF CLASSES

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](http://www.registrar.iastate.edu/students/exams/night-exams).

5864005 1 MWF 2:10-3:00
 T 3:10-4:00
 MEETS: JAN 9-MAY 5
 5864050 A R 2:10-4:00
 MEETS: JAN 9-MAY 5

PRIN&SYMM CLS PH II PHYS 242 5 CREDITS
 Prereq: PHYS 221 OR PHYS 241, CREDIT OR
 ENROLLMENT IN MATH 166

6011005 1 MWF 11:00-11:50
 T 11:00-11:50
 MEETS: JAN 9-MAY 5
 6011010 2 MWF 11:00-11:50
 T 1:10-2:00
 MEETS: JAN 9-MAY 5
 6011050 A R 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 6011055 B F 12:10-2:00
 MEETS: JAN 9-MAY 5
 6011060 C F 2:10-4:00
 MEETS: JAN 9-MAY 5

PRIN&SYMM CLS PH II PHYS 242H 5 CREDITS
 Prereq: PHYS 221 OR PHYS 241, CREDIT OR
 ENROLLMENT IN MATH 166; MEMBERSHIP IN UNIVERSITY
 HONORS PROGRAM

9405005 1 MWF 11:00-11:50
 T 11:00-11:50
 MEETS: JAN 9-MAY 5
 9405010 2 MWF 11:00-11:50
 T 1:10-2:00
 MEETS: JAN 9-MAY 5
 9405050 A R 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 9405055 B F 12:10-2:00
 MEETS: JAN 9-MAY 5
 9405060 C F 2:10-4:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

PHYSICS (CONTINUED)

PHYSICS (CONTINUED)

INTERMEDIATE LAB PHYS 311 1- 2 CREDITS
 Prereq: PHYS 322
 5872005 1 MW 3:10-6:00PM
 MEETS: JAN 9-MAY 5
 5872010 2 TR 3:10-6:00PM
 MEETS: JAN 9-MAY 5

INTMED LAB FOR TCHR PHYS 311T 3 CREDITS
 Prereq: PHYS 112 OR PHYS 222
 5873005 R 6:10-8:00PM
 ARRANGED
 MEETS: JAN 9-MAY 5

INTR MODERN PHYS II PHYS 322 3 CREDITS
 Prereq: PHYS 321
 5876005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 5877010 2 T 2:10-4:00
 MEETS: JAN 9-MAY 5
 5877015 3 W 2:10-4:00
 MEETS: JAN 9-MAY 5
 5877020 4 R 2:10-4:00
 MEETS: JAN 9-MAY 5
 5877025 5 T 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 5877030 6 W 4:10-6:00PM
 MEETS: JAN 9-MAY 5

CLASSICAL MECHANICS PHYS 361 3 CREDITS
 Prereq: PHYS 222, MATH 265, CREDIT OR
 ENROLLMENT IN MATH 266 OR MATH 267
 5880005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

ELECT& MAGNETISM II PHYS 365 3 CREDITS
 Prereq: PHYS 364, MATH 385
 5883005 1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

JUNIOR SEMINAR PHYS 389 R CREDIT
 Satisfactory-Fail Only.
 3647005 F 9:00-9:50
 MEETS: JAN 9-MAY 5

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5886005 ARRANGED
 MEETS: JAN 9-MAY 5

MOLCLR&CELL BIOPHYS PHYS 432 3 CREDITS
 Prereq: PHYS 304 OR CHEM 325
 8704005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

QUANTUM MECHANCS II PHYS 481 3 CREDITS
 Prereq: PHYS 480
 5891005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY PHYS 490 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHYS 490H 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.

 SEE DEPT FOR REFERENCE NUMBERS

MODERN OPTICS PHYS 496 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN PHYS 322, PHYS
 365, PHYS 480
 5884005 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

CONDENSED MATTER II PHYS 512 3 CREDITS
 Prereq: PHYS 511
 5897005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

MOLCLR&CELL BIOPHYS PHYS 532 3 CREDITS
 Prereq: PHYS 304 OR CHEM 325
 8708005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

PHYS SEMICONDC DEVIC PHYS 536 3 CREDITS
 Prereq: E E 535
 5904005 MW 5:40-7:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5

ADV CLASSICL MECHAN PHYS 564 3 CREDITS
 Prereq: PHYS 362, MATH 426, MATH 465
 5907005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

ADV ELECT&MAGNET II PHYS 572 3 CREDITS
 Prereq: PHYS 571
 5909005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

SPCL TOPICS NUCLEAR PHYS 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5910005 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

SPL TOP HIGH ENERGY PHYS 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5912005 ARRANGED
 MEETS: JAN 9-MAY 5

SPCL TOPICS PHYSICS PHYS 590D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5913005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOPCS APPL PHYS PHYS 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5914005 ARRANGED
 MEETS: JAN 9-MAY 5

QUANTUM PHYSICS II PHYS 592 4 CREDITS
 Prereq: PHYS 591
 5916005 MF 10:00-10:50
 W 9:00-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

PH STRONG INTERACTN PHYS 625 3 CREDITS
 Prereq: PHYS 681
 3150005 ARRANGED
 MEETS: JAN 9-MAY 5

ELEMNTRY PARTICLE I PHYS 637 3 CREDITS
 Prereq: PHYS 526 AND PHYS 592
 5921005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

MATH MODEL PHYSC SY PHYS 646 3 CREDITS
 9102005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

PHYSICS

(CONTINUED)

ADV SEMINAR NUCLEAR PHYS 650A 1 CREDIT
 Satisfactory-Fail Only.
 5923005 R 4:10-5:00
 MEETS: JAN 9-MAY 5

ADV SEM COND MATTER PHYS 650B 1 CREDIT
 Satisfactory-Fail Only.
 5924005 R 4:10-5:00
 MEETS: JAN 9-MAY 5

ADV SEM HIGH ENERGY PHYS 650C 1 CREDIT
 Satisfactory-Fail Only.
 5925005 W 4:10-5:00
 MEETS: JAN 9-MAY 5

ADV SEMINAR PHYSICS PHYS 650D 1 CREDIT
 Satisfactory-Fail Only.
 5926005 F 12:10-1:00
 MEETS: JAN 9-MAY 5

ADV SEMINAR APPLIED PHYS 650E 1 CREDIT
 Satisfactory-Fail Only.
 5927005 M 4:10-6:00PM
 MEETS: JAN 9-MAY 5

ADV TOP COND MATTER PHYS 660B 1- 3 CREDITS
 5929005 ARRANGED
 MEETS: JAN 9-MAY 5

ADV TOP HIGH ENERGY PHYS 660C 1- 3 CREDITS
 5930005 ARRANGED
 MEETS: JAN 9-MAY 5

ADV TOPICS PHYSICS PHYS 660D 1- 3 CREDITS
 5931005 ARRANGED
 MEETS: JAN 9-MAY 5

ADV TOPICS APPLIED PHYS 660E 1- 3 CREDITS
 5932005 ARRANGED
 MEETS: JAN 9-MAY 5

QUANTUM FLD THRY II PHYS 682 3 CREDITS
 Prereq: PHYS 681
 5936005 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

RESEARCH PHYS 699 VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION REQUIRED
 ***** SEE DEPT FOR REFERENCE NUMBERS

PLANT BIOLOGY

RESEARCH SEMINAR PLBIO 696 1 CREDIT
 Satisfactory-Fail Only.
 8828005 W 4:10-5:30
 MEETS: JAN 9-MAY 5

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 12:10-2:00
 MEETS: JAN 9-MAY 5

3898010 2 MW 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 9-MAY 5

3898020 4 MW 11:00-11:50
 W 4:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5

PLANT PATHOLOGY

(CONTINUED)

PRIN OF PLANT PATH PL P 508 3 CREDITS
 Prereq: 8 CREDITS IN LIFE SCIENCES, INCLUDING BIOL 211 OR BIOL 212
 3902005 1 MW 11:00-11:50
 W 12:10-2:00
 MEETS: JAN 9-MAY 5

3902010 2 MW 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 9-MAY 5

3902020 4 MW 11:00-11:50
 W 4:10-6:00PM
 MEETS: JAN 9-MAY 5

PLANT VIROLOGY PL P 510X 2 CREDITS
 Prereq: BIOL 313 OR BBMB 301; RECOMMEND BIOL 314
 9651005 TR 11:00-12:20
 MEETS: FEB 14-APRIL 27

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 9-MAY 5

4465800 CR ARRANGED GLEASON M
 MEETS: MARCH 8-17
 Note: SEC CR TAUGHT IN COSTA RICA. INTEGRATED MANAGEMENT OF TOPICAL CROPS. STUDY ABOARD SPRING 2017. MARCH 8-17
 Study Abroad Administrative Fee Applies

BACT-PLANT INTERACT PL P 577 3 CREDITS
 Prereq: 3 CREDITS IN MICRO OR PLANT PATHOLOGY
 5649004 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MARCH 3 CHRYSTAL J

INTR AMERIC GOVERN POL S 215 3 CREDITS
 5961005 A MWF 11:00-11:50
 MEETS: JAN 9-MAY 5 SCHMIDT S

5961010 B TR 9:30-10:50
 MEETS: JAN 9-MAY 5 FANG X

5961015 C MWF 9:00-9:50
 MEETS: JAN 9-MAY 5 FANG X

INTRO ETHICS&POLTCS POL S 235 3 CREDITS
 5715005 A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5 DEAM D

5715010 B MWF 10:00-10:50
 MEETS: JAN 9-MAY 5 DEAM D
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 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 11:00-11:50
 MEETS: JAN 9-MAY 5 PIRRO E

5963010 B TR 9:30-10:50
 MEETS: JAN 9-MAY 5 HASSID J

INTRO INTERNATL POL POL S 251 3 CREDITS
 Note: Meets international perspectives reqmt
 5964005 A TR 12:40-2:00
 MEETS: JAN 9-MAY 5 MANSBACH R

5964010 B TR 9:30-10:50
 MEETS: JAN 9-MAY 5 CHYZH O

INTRO EMPIRCL RSRCH POL S 301 3 CREDITS
 Prereq: 3 CREDITS IN POL S; ONE STAT COURSE REQUIRED; SOPHOMORE CLASSIFICATION
 5965005 A MWF 9:00-9:50
 MEETS: JAN 9-MAY 5 NIEMAN M

POLITICAL SCIENCE (CONTINUED)

POLITICAL SCIENCE (CONTINUED)

POLITICAL BEHAVIOR POL S 305 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 5966005 A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 5966010 B MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

PUB OPINION&VOT BHV POL S 306 3 CREDITS
 Prereq: 6 CR IN POL S OR SOPH CLASSIFICATION
 9242005 A TR 12:40-2:00 FANG X
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 9242010 B TR 12:40-2:00 FANG X
 MEETS: JAN 9-MAY 5
 Note: SEC B FOR MAJORS OTHER THAN POL S

STATE & LOCAL GOVT POL S 310 3 CREDITS
 Prereq: 3 CR IN POL S
 5968005 A TR 2:10-3:30 PETERSON D
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 5968010 B TR 2:10-3:30 PETERSON D
 MEETS: JAN 9-MAY 5
 Note: SEC B FOR MAJORS OTHER THAN POL S

SPL TOP INTL RELATN POL S 315 2 CREDITS
 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.
 Meets international perspectives reqmt
 8813005 1 TR 2:10-3:30 REN Y
 MEETS: JAN 9-MARCH 3
 Note: SEC 1 TOPIC: TERRORISM

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 9-MAY 5
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 3865010 B MWF 12:10-1:00 DEAM D
 MEETS: JAN 9-MAY 5
 Note: SEC B FOR MAJORS OTHER THAN POL S.

AMER JUDICIAL PROC POL S 320 3 CREDITS
 Prereq: POL S 215
 5970005 A TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 5970010 B TR 2:10-3:30
 MEETS: JAN 9-MAY 5

DMCRCY&DVRSTY IN US POL S 333 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 6471005 TR 11:00-12:20 TUCKNESS A
 MEETS: JAN 9-MAY 5

POLITICS & SOCIETY POL S 334 3 CREDITS
 Prereq: A COURSE IN POL S OR SOC
 7403005 A TR 2:10-3:30 DOBRATZ B
 MEETS: JAN 9-MAY 5

SCI,TEC&PUBLIC POLCY POL S 335 3 CREDITS
 7987005 A R 6:10-9:00PM DEAM D
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 7987010 B R 6:10-9:00PM DEAM D
 MEETS: JAN 9-MAY 5
 Note: SEC B FOR MAJORS OTHER THAN POL S

CANADN POLTCS&POLCY POL S 341X 3 CREDITS
 Prereq: POL S 241 OR POL S 251
 Note: Meets international perspectives reqmt
 9502005 A TR 12:40-2:00 MCCORMICK J
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 9502010 B TR 12:40-2:00 MCCORMICK J
 MEETS: JAN 9-MAY 5
 Note: SEC B FOR MAJORS OTHER THAN POL S

LATIN AM GOVT & POL POL S 343 3 CREDITS
 5974005 1A MWF 1:10-2:00 SCHMIDT S
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO POL S MAJORS ONLY
 5974010 1B MWF 1:10-2:00 SCHMIDT S
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN POL S.

PUBLIC POLICY POL S 344 3 CREDITS
 9243005 A TR 9:30-10:50 SHAW K
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 9243010 B TR 9:30-10:50 SHAW K
 MEETS: JAN 9-MAY 5
 Note: SEC B FOR MAJORS OTHER THAN POL S

EUROPEAN POLITICS POL S 346 3 CREDITS
 5976005 A MWF 2:10-3:00 PIRRO E
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 5976010 B MWF 2:10-3:00 PIRRO E
 MEETS: JAN 9-MAY 5
 Note: SEC B FOR MAJORS OTHER THAN POL S

BRITISH GOVT&POLITC POL S 348X 3 CREDITS
 Prereq: POL S 215 OR POL S 241
 Note: Meets international perspectives reqmt
 9707005 A TR 12:40-2:00 SHAW K
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 9707010 B TR 12:40-2:00 SHAW K
 MEETS: JAN 9-MAY 5
 Note: SEC B FOR MAJORS OTHER THAN POL S

WAR&HUMNTRN POLITCS POL S 354 3 CREDITS
 Prereq: POL S 235 OR POL S 251 OR ANTHR 230
 Note: Meets international perspectives reqmt
 6464005 MWF 1:10-2:00 GABIAM N
 MEETS: JAN 9-MAY 5

INT'L SECURITY PLCY POL S 357 3 CREDITS
 9647005 A MWF 11:00-11:50 NIEMAN M
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 9647010 B MWF 11:00-11:50 NIEMAN M
 MEETS: JAN 9-MAY 5
 Note: SEC B FOR MAJOR 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 9:30-10:50 MCCORMICK J
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 1006010 B TR 9:30-10:50 MCCORMICK J
 MEETS: JAN 9-MAY 5
 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 FANG X
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 5981010 B MWF 1:10-2:00 FANG X
 MEETS: JAN 9-MAY 5
 Note: SEC B FOR MAJORS OTHER THAN POL S.

THE JUDICIARY POL S 362 3 CREDITS
 9807005 TR 11:00-12:20 WAGGONER K
 MEETS: JAN 9-MAY 5

RELIGION & POLITICS POL S 370 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 3166005 A TR 2:10-3:00 SHAW K
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 3166010 B TR 2:10-3:00 SHAW K
 MEETS: JAN 9-MAY 5
 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 9-MAY 5

CONSTITUTNL FREEDMS POL S 421 3 CREDITS
 Prereq: POL S 320 OR POL S 420
 5989005 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

INTERNATIONAL LAW POL S 422 3 CREDITS
 Prereq: POL S 215 OR POL S 251; JUNIOR
 CLASSIFICATION
 5990005 MWF 10:00-10:50 REN Y
 MEETS: JAN 9-MAY 5

COMP FOREIGN POLICY POL S 452 3 CREDITS
 Prereq: POL S 251
 Note: Meets international perspectives reqmt
 6000005 MWF 2:10-3:00 REN Y
 MEETS: JAN 9-MAY 5

POLITICL GAME THEOR POL S 470 3 CREDITS
 Prereq: ECON 101
 8904005 MWF 12:10-1:00 URBATSCH R
 MEETS: JAN 9-MAY 5

POLITICAL SCIENCE (CONTINUED)

ETHICS&PUBLC POLICY POL S 480 3 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 6008005 TR 9:30-10:50 TUCKNESS A
 MEETS: JAN 9-MAY 5

IND STUDY AMER GOVT POL S 490A VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY THRY&METHD POL S 490B VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY COMPAR POL POL S 490C VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA POL S 490D VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EXT CREDIT POL S 490E 1- 2 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR POL S 490G VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS POL S 490H VAR. CREDITS
 Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS POL S 491 3 CREDITS
 Prereq: 21 CREDITS OF POL S, SENIOR STATUS AND
 PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHING INTERNSHIP POL S 496 3 CREDITS
 Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSN
 Note: USE OF POL S 496 CREDIT IN POL S MAJOR AND MINOR
 DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE
 STUDY SECTION OF CATALOG FOR DETAILS.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP POL S 497 3 CREDITS
 Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSN
 Note: USE OF POL S 497 CREDIT IN POL S MAJOR AND MINOR
 DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE
 STUDY SECTION OF CATALOG FOR DETAILS.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN POL S 498 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION
 COORDINATOR; SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE (CONTINUED)

POL SCI INTERNSHIP POL S 499 VAR. CREDITS
 Prereq: 6 CREDITS IN POL S; JUNIOR OR SENIOR
 CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR
 Note: USE OF POL S 499 CREDIT IN POL S MAJOR AND MINOR
 DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE
 STUDY SECTION OF CATALOG FOR DETAILS.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASS POLITCL BEHAVR POL S 525 3 CREDITS
 Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING
 7993005 R 2:10-5:00 DITONTO T
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

COMP FOREIGN POLICY POL S 552 3 CREDITS
 Prereq: POL S 251
 Note: Meets international perspectives reqmt
 6029005 MWF 2:10-3:00 REN Y
 MEETS: JAN 9-MAY 5

ETHICS&PUBLC POLICY POL S 580 3 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 6040005 TR 9:30-10:50 TUCKNESS A
 MEETS: JAN 9-MAY 5

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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP POL S 598 3- 6 CREDITS
 Prereq: 15 CREDITS IN POL S, INSTRUCTR PERMISSION
 4540005 ARRANGED
 MEETS: JAN 9-MAY 5

CREATIVE COMPONENT POL S 599 VAR. CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>

6069005 A TR 9:30-10:50 COOPER E
 MEETS: JAN 9-MAY 5

6069010 B TR 11:00-12:20 COOPER E
 MEETS: JAN 9-MAY 5

LAB INTRODUCT 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 9-MAY 5

4786010 A2 T 1:10-3:00
 MEETS: JAN 9-MAY 5

4786015 B1 W 8:00-9:50
 MEETS: JAN 9-MAY 5

4786020 B2 W 8:00-9:50
 MEETS: JAN 9-MAY 5

4786025 C1 T 3:10-5:00
 MEETS: JAN 9-MAY 5

4786030 C2 T 3:10-5:00
 MEETS: JAN 9-MAY 5

4786035 D1 R 1:10-3:00
 MEETS: JAN 9-MAY 5

4786040 D2 R 1:10-3:00
 MEETS: JAN 9-MAY 5

ORIENTATN TO PSYCH PSYCH 111 .5 CREDIT
 Satisfactory-Fail Only.

6068005 1 W 3:10-4:00
 MEETS: JAN 9-MARCH 17

6068010 2 R 10:00-10:50
 MEETS: JAN 9-MARCH 17

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 9-MAY 5

9388010 2 W 3:10-4:00 SCHEEL K
 MEETS: JAN 9-MAY 5

ACAD LEARNG SKILLS PSYCH 131 1 CREDIT
 Satisfactory-Fail Only.

6071060 BC T 9:30-10:20, ARRANGED
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 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 9-MAY 5
 Note: Instructor permission required 1st week.
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071230 DG R 2:10-3:00, ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071300 MA MW 8:00-8:50, ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: Instructor permission required 1st week.

6071450 NC TR 11:00-11:50
 MEETS: MARCH 6-MAY 5

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 9-MAY 5

6072010 B TR 9:30-10:50 PHILLIPS W
 MEETS: JAN 9-MAY 5

6072600 XV ARRANGED HAYES N
 MEETS: JAN 9-MAY 5
 Note: Section XV is off campus
 Course delivery is WWW

6072605 XW ARRANGED KAISER D
 MEETS: JAN 9-MAY 5
 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 9-MAY 5

6075010 B TR 2:10-3:30 HESSLING R
 MEETS: JAN 9-MAY 5

6075600 XV ARRANGED HERLACHE A
 MEETS: JAN 9-MAY 5
 Note: Section XV is off campus
 Course delivery is WWW

PSYCHOLOGY

(CONTINUED)

SOCIAL PSYCHOLOGY PSYCH 280 3 CREDITS
 6075605 XW ARRANGED RIVAS J
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

HONORS SOCIAL PSYCH PSYCH 280H 3 CREDITS
 9483005 TR 9:30-10:45 CROSS S
 MEETS: JAN 9-MAY 5

INTRO RESRCH EXPRNC PSYCH 291 1- 4 CREDITS
 Prereq: PSYCH 101, SOPHOMORE CLASSIFICATION,
 INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES DSGN & METHODOL PSYCH 301 3 CREDITS
 Prereq: STAT 101; 1 COURSE IN PSYCHOLOGY
 Note: PSYCH MINORS ARE ELIGIBLE TO ADD THIS COURSE, BUT
 MUST GET AN ADD SLIP IN W022 LAGOMARCINO HALL.
 SEC A1, B1 ETC RESTRICTED TO PSYCH MAJORS ONLY.
 SEC A2, B2 ETC FOR MAJORS OTHER THAN PSYCH

6076005 A1 MWF 11:00-11:50 CREDE M
 MEETS: JAN 9-MAY 5

6076010 A2 MWF 11:00-11:50 CREDE M
 MEETS: JAN 9-MAY 5

6076015 B1 MWF 2:10-3:00 COOPER E
 MEETS: JAN 9-MAY 5

6076020 B2 MWF 2:10-3:00 COOPER E
 MEETS: JAN 9-MAY 5

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 9-MAY 5

1173010 B TR 11:00-12:50 ACERBO M
 MEETS: JAN 9-MAY 5

1173015 C MW 10:00-11:50 CARPENTER S
 MEETS: JAN 9-MAY 5

1173020 D MW 1:10-3:00 HESSLING R
 MEETS: JAN 9-MAY 5

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS
 Prereq: PSYCH 101

1515005 A1 MWF 12:10-1:00 ACERBO M
 MEETS: JAN 9-MAY 5

1515010 A2 MWF 12:10-1:00 ACERBO M
 MEETS: JAN 9-MAY 5
 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 9-MAY 5

6079010 A2 TR 3:40-5:00 KELLY J
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

LEARNING & MEMORY PSYCH 313 3 CREDITS
 Prereq: PSYCH 101

6080005 A1 MWF 10:00-10:50 ARNOLD L
 MEETS: JAN 9-MAY 5

6080010 A2 MWF 10:00-10:50 ARNOLD L
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

MOTIVATION PSYCH 314 3 CREDITS
 Prereq: PSYCH 101

6081005 A1 MWF 10:00-10:50 HESSLING R
 MEETS: JAN 9-MAY 5

6081010 A2 MWF 10:00-10:50 HESSLING R
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 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 9-MAY 5

6082010 A2 MWF 2:10-3:00 ACERBO M
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

COGNITIVE PSYCHOLGY PSYCH 316 3 CREDITS
 Prereq: PSYCH 101

6083005 A1 TR 3:40-5:00 CHAN C
 MEETS: JAN 9-MAY 5

6083010 A2 TR 3:40-5:00 CHAN C
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

PSYCHOLOGY (CONTINUED)

PSYCHOLOGY (CONTINUED)

SLEEP AND DREAMS PSYCH 320X 3 CREDITS
 Prereq: PSYCH 101
 9506005 A1 MW 11:00-11:50
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 9506010 A2 MW 11:00-11:50
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

EDUCATIONAL PSYCHOL PSYCH 333 3 CREDITS
 Prereq: PSYCH 230 OR HD FS 102, MAJOR IN PSYCH
 OR APPLICATION TO THE TEACHER ED PROGRAM
 Note: COURSE RESTRICTED TO PSYCH, SEC ED MAJORS
 4361005 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

ABNORM PSY CHD&ADOL PSYCH 335 3 CREDITS
 Prereq: PSYCH 101; PSYCH 230 OR HD FS 102
 4299005 A1 MWF 11:00-11:50 MARSEE M
 MEETS: JAN 9-MAY 5
 4299010 A2 MWF 11:00-11:50 MARSEE M
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6085010 A2 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

PSYCHOL OF RELIGION PSYCH 348 3 CREDITS
 Prereq: NINE CREDITS IN PSYCHOLOGY
 7034005 A1 TR 9:30-10:45 WADE N
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 7034010 A2 TR 9:30-10:45 WADE N
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

PERSONALITY PSYCHOL PSYCH 360 3 CREDITS
 Prereq: PSYCH 101
 6087005 A1 MW 1:10-2:00 KRIZAN Z
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6087010 A2 MW 1:10-2:00 KRIZAN Z
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER PSYCH

PSYCHOLOGY AND LAW PSYCH 383 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 280
 9080005 A1 TR 2:10-3:30 MADON S
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 9080010 A2 TR 2:10-3:30 MADON S
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO INDIS MAJORS ONLY
 9080015 A3 TR 2:10-3:30 MADON S
 MEETS: JAN 9-MAY 5
 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 XV ARRANGED GROVES C
 MEETS: JAN 9-MAY 5
 Note: Section XV is off campus
 Course delivery is WWW
 8576605 XW ARRANGED BLANCO-HERRERA J
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6089010 A2 TR 9:30-10:50 SCHEEL K
 MEETS: JAN 9-MAY 5
 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
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 6092010 A2 TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO LING MAJORS
 6092015 A3 TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC A3 FOR MAJORS OTHER THAN PSYCH OR
 LING

COUNSEL THEOR&TCHNQ PSYCH 422 3 CREDITS
 Prereq: 3 COURSES IN PSYCH
 6093005 A1 TR 11:00-12:15 NESBIT S
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS.
 6093010 A2 TR 11:00-12:15 NESBIT S
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO KIN, DIETH, D EXH,
 FS H, NUTR MAJORS ONLY
 6093015 A3 TR 11:00-12:15 NESBIT S
 MEETS: JAN 9-MAY 5
 Note: SEC A3 FOR MAJORS OTHER THAN PSYCH, KIN,
 DIETH, D EXH, FS H, NUTR MAJOR ONLY

LAB CONSL THR&TCHNQ PSYCH 422L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN PSYCH 422,
 MAJOR OR MINOR IN PSYCHOLOGY
 2844005 T 9:00-10:40
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 6099010 B M 12:10-2:00 ARMSTRONG P
 W 12:10-2:00
 MEETS: JAN 9-MAY 5
 6099015 C M 12:10-2:00 ARMSTRONG P
 F 12:10-2:00
 MEETS: JAN 9-MAY 5
 6099020 D M 12:10-2:00 ARMSTRONG P
 W 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 6099025 E M 12:10-2:00 ARMSTRONG P
 F 12:10-2:00
 MEETS: JAN 9-MAY 5

INDUSTRIAL PSYCHOLG PSYCH 450 3 CREDITS
 Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH
 101, STAT 101
 Note: SEC A1, B2 RESTRICTED TO PSYCH MAJORS ONLY.
 SEC A2, B2 FOR MAJORS OTHER THAN PSYCH.
 6100005 A1 MW 3:10-4:30 HANISCH K
 MEETS: JAN 9-MAY 5
 6100010 A2 MW 3:10-4:30 HANISCH K
 MEETS: JAN 9-MAY 5

ABNORMAL PSYCHOLOGY PSYCH 460 3 CREDITS
 Prereq: 3 COURSES IN PSYCHOLOGY INCLUDING PSYCH
 101
 Note: SEC A1, B1 RESTRICTED TO PSYCH MAJORS ONLY
 SEC A2, B2 RESTRICTED TO KIN MAJORS.
 SEC A3, B3 FOR MAJORS OTHER THAN PSYCH, KIN
 6102005 A1 TR 2:10-3:30 PRIETO L
 MEETS: JAN 9-MAY 5
 6102010 A2 TR 2:10-3:30 PRIETO L
 MEETS: JAN 9-MAY 5
 6102015 A3 TR 2:10-3:30 PRIETO L
 MEETS: JAN 9-MAY 5
 6102020 B1 MWF 9:00-9:50 MARSEE M
 MEETS: JAN 9-MAY 5
 6102030 B2 MWF 9:00-9:50 MARSEE M
 MEETS: JAN 9-MAY 5
 6102035 B3 MWF 9:00-9:50 MARSEE M
 MEETS: JAN 9-MAY 5

HEALTH PSYCHOLOGY PSYCH 485 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION, 6 CREDITS IN PSYCH
 5697005 A1 TR 3:40-5:00 GUYLL M
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 5697010 A2 TR 3:40-5:00 GUYLL M
 MEETS: JAN 9-MAY 5
 Note: SEC A2 RESTRICTED TO KIN H MAJORS ONLY.
 5697015 A3 TR 3:40-5:00 GUYLL M
 MEETS: JAN 9-MAY 5
 Note: SEC A3 FOR MAJORS OTHER THAN KIN H, PSYCH

HUMAN AGGRESSION PSYCH 487 3 CREDITS
 Prereq: PSYCH 230 OR PSYCH 280; PSYCH 301;
 PSYCH 313 OR PSYCH 316 OR PSYCH 318 OR PSYCH 360 OR
 PSYCH 380
 1438005 A1 TR 2:10-3:30 ANDERSON C
 MEETS: JAN 9-MAY 5
 1438010 A2 TR 2:10-3:30 ANDERSON C
 MEETS: JAN 9-MAY 5

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

PSYCHOLOGY

(CONTINUED)

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 PERMISSON, CREDIT OR ENROLLMENT IN PSYCH 301
 Note: NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD PRACTCM:HUMN SV PSYCH 492A VAR. CREDITS
 Prereq: JUNIOR CLASSIFICATION, 12 CREDITS IN PSYCHOLOGY, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD PRACTCM:I/O PSY PSYCH 492B VAR. CREDITS
 Prereq: JUNIOR CLASSIFICATION; 12 CREDITS IN PSYCHOLOGY INCLUDING PSYCH 450, OR PSYCH 250 AND ENROLLMENT IN PSYCH 450; PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 4420073 KH ARRANGED HANISCH K
 MEETS: JAN 9-MAY 5

METHDS HUMAN&CMPUTR PSYCH 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7051005 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 7051600 XE ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Section XE is off campus
 Course delivery is WWW

APP PSY MEASUREMENT PSYCH 542 3 CREDITS
 Prereq: PSYCH 440
 6122005 F 9:00-11:50 ARMSTRONG P
 MEETS: JAN 9-MAY 5

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 2:10-3:30 NESBIT S
 MEETS: JAN 9-MAY 5
 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 CL PSYM THY PSYCH 594A 1 CREDIT
 Prereq: PSYCH 501 OR EQUIVALENT
 9139005 TR 3:40-5:00 CREDE M
 MEETS: FEB 12-MARCH 24

SEM SOC PSY:PSY&LAW PSYCH 595E 1- 3 CREDITS
 Prereq: 12 CREDITS IN PSYCH
 5774005 TR 9:30-10:45 MADON S
 MEETS: JAN 9-MAY 5

SEM COUNS:MLTICULTR PSYCH 596C VAR. CREDITS
 Prereq: 12 CREDITS IN PSYCH
 6031005 T 2:10-5:00 WEI M
 MEETS: JAN 9-MAY 5

INTERNSHIP IN PSYCH PSYCH 597 R CREDIT
 Prereq: M.S. DEGREE CANDIDACY; PERMISSION OF INSTRUCTOR
 7659005 ARRANGED
 MEETS: JAN 9-MAY 5

SMNR COGNITV:ATTENTN PSYCH 598A VAR. CREDITS
 Prereq: PSYCH 516; PSYCH 501 OR STAT 401
 6126005 M 6:10-9:00PM
 MEETS: JAN 9-MAY 5

CREATIVE COMPONENT PSYCH 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

(CONTINUED)

MULTILEVEL MODELING PSYCH 605 3 CREDITS
 Prereq: STAT 404
 7081005 W 1:10-4:00 RUSSELL D
 MEETS: JAN 9-MAY 5

VOCATIONAL BEHAVIOR PSYCH 623 3 CREDITS
 Prereq: 3 COURSES IN PSYCH OR GRAD CLASSIFICATION
 6152005 W 2:10-5:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

PRACTCM BEG COUNSEL PSYCH 691A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2016
 ***** 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 2016.
 7667005 W 12:10-1:00 MEISSNER C
 MEETS: JAN 9-MAY 5

RESRCH SEMNR SOCIAL PSYCH 692R 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2016.
 9085005 F 12:10-1:30 GENTILE D
 ARRANGED
 MEETS: JAN 9-MAY 5

INTERN COUNSELING PSYCH 697 R CREDIT
 Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN
 6182005 ARRANGED WADE N
 MEETS: JAN 9-MAY 5

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 2:10-3:00 WILGENBUSCH E
 MEETS: JAN 9-MAY 5

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 HAN G
 MEETS: JAN 9-MAY 5
 6910010 1B MW 9:30-10:50 HAN G
 MEETS: JAN 9-MAY 5
 6910015 2A TR 12:40-2:00 KIM S
 MEETS: JAN 9-MAY 5
 6910020 2B TR 12:40-2:00 KIM S
 MEETS: JAN 9-MAY 5
 6910025 3A TR 8:00-9:20 VOORHEES B
 MEETS: JAN 9-MAY 5
 6910030 3B TR 8:00-9:20 VOORHEES B
 MEETS: JAN 9-MAY 5
 6910035 4A TR 11:00-12:20 JENSEN C
 MEETS: JAN 9-MAY 5
 6910040 4B TR 11:00-12:20 JENSEN C
 MEETS: JAN 9-MAY 5

PUBLIC RELATIONS

(CONTINUED)

PUBLICITY METHODS P R 305 3 CREDITS
 Prereq: ENGL 250, SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO MAJORS OTHER THAN
 ADVRT, JL MC OR P R
 6911005 1 TR 8:00-9:20 JENSEN C
 MEETS: JAN 9-MAY 5
 6911010 2 TR 12:40-2:00 WINFREY K
 MEETS: JAN 9-MAY 5

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 JENSEN C
 MEETS: JAN 9-MAY 5
 7171010 2 TR 2:10-4:00 HAAG E
 MEETS: JAN 9-MAY 5
 7171015 3 MW 8:00-9:50 JENSEN C
 MEETS: JAN 9-MAY 5
 7171020 4 MW 4:10-6:00PM HUSS N
 MEETS: JAN 9-MAY 5

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".
 8221005 1 T 8:00-9:20 GIBSON D
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

PRO SKIL:FASHN WRIT P R 390J 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201; OTHER
 PREREQS VARY BY TOPIC; INSTRUCTOR PERMISSION
 FOR NONMAJORS
 9782005 1A MW 10:20-12:20 GIBSON D
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO ADVRT, JL MC, P R MAJORS
 ONLY
 9782010 1B MW 10:20-12:20 GIBSON D
 MEETS: JAN 9-MAY 5
 Note: SEC 1B FOR MAJORS OTHER THAN ADVRT, JL MC,
 P R MAJORS

CRISIS COMMUNICATIO P R 420X 3 CREDITS
 Prereq: P R 220
 7457005 TR 3:40-5:00 LEE S
 MEETS: JAN 9-MAY 5

PUBLIC REL CAMPAIGN P R 424 3 CREDITS
 Prereq: C+ OR BETTER IN P R 321; JUNIOR
 CLASSIFICATION
 7211005 1 TR 9:30-10:45 VOORHEES B
 MEETS: JAN 9-MAY 5
 7211010 2 TR 2:40-4:00 WILGENBUSCH E
 MEETS: JAN 9-MAY 5

PRO MDIA INTERN:REQ P R 499A 3 CREDITS
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO MDIA INTERN:OPT P R 499B 1- 3 CREDITS
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RELIGIOUS STUDIES

INTRO WRLD RELIGION RELIG 205 3 CREDITS
 Note: Meets international perspectives reqmt
 6109005 A TR 8:00-9:20 KRENGEL J
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO FRESHMAN ONLY
 6109010 B TR 9:30-10:50 KRENGEL J
 MEETS: JAN 9-MAY 5
 6109015 C TR 12:40-2:00 CHILCOTT T
 MEETS: JAN 9-MAY 5
 6109020 D MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

RELIGION IN AMERICA RELIG 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 6188005 A MWF 8:00-8:50 ESLINGER B
 MEETS: JAN 9-MAY 5
 6188010 B MWF 10:00-10:50 ESLINGER B
 MEETS: JAN 9-MAY 5
 Note: SEC B RESTRICTED TO FRESHMAN ONLY
 6188015 C MWF 12:10-1:00 ESLINGER B
 MEETS: JAN 9-MAY 5
 6188020 D TR 9:30-10:50 KRENGEL J
 MEETS: JAN 9-MAY 5
 Note: SEC D RESTRICTED TO FRESHMAN ONLY
 6188025 E TR 11:00-12:30 VELDMAN R
 MEETS: JAN 9-MAY 5
 6188030 F TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 Note: SEC F FOR NEW FRESHMAN F16, S17
 6188040 G MWF 9:00-9:50 CHASE C
 MEETS: JAN 9-MAY 5
 6188045 J MWF 10:00-10:50 CHASE C
 MEETS: JAN 9-MAY 5

RELIGIOUS STUDIES

(CONTINUED)

RELIGION IN AMERICA RELIG 210 3 CREDITS
 6188600 XW ARRANGED CHASE C
 MEETS: MARCH 6-MAY 5
 Note: Section XW is off campus
 Course delivery is WW

MEDIEVAL PHILOSOPHY RELIG 312X 3 CREDITS
 Prereq: PHIL 201
 9902005 MW 3:10-4:40 CONNOLLY P
 MEETS: JAN 9-MAY 5

NEW TESTAMENT RELIG 322 3 CREDITS
 6195005 MWF 3:10-4:00 AVALOS H
 MEETS: JAN 9-MAY 5

CHRISTIANITY&SCIENC RELIG 324 3 CREDITS
 Prereq: BIOL 101, OR ANOTHER SCIENCE COURSE
 TAUGHT AT ISU
 2458005 TR 9:30-10:50 CLIFFORD A
 MEETS: JAN 9-MAY 5

RELIG&US LATINO LIT RELIG 342 3 CREDITS
 Note: Meets U.S. diversity reqmt
 5340005 MWF 11:00-11:50 AVALOS H
 MEETS: JAN 9-MAY 5

PSYCHOL OF RELIGION RELIG 348 3 CREDITS
 Prereq: NINE CREDITS IN PSYCHOLOGY
 7036005 A1 TR 9:30-10:45 WADE N
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 7036010 A2 TR 9:30-10:45 WADE N
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

PHILOS OF RELIGION RELIG 350 3 CREDITS
 Prereq: PHIL 201
 6199005 A TR 12:40-2:00 GEIRSSON H
 MEETS: JAN 9-MAY 5

RELIGION & POLITICS RELIG 370 3 CREDITS
 3165005 A TR 2:10-3:00 SHAW K
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 3165010 B TR 2:10-3:00 SHAW K
 MEETS: JAN 9-MAY 5
 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 CLIFFORD A
 MEETS: JAN 9-MAY 5

THEORY&METHD R STDI RELIG 485 3 CREDITS
 Prereq: 6 CREDITS IN RELIGIOUS STUDIES OR
 PERMISSION OF INSTRUCTOR
 6259005 TR 11:00-12:30 CHILCOTT T
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY RELIG 490 1- 3 CREDITS
 Prereq: 6 CR IN RELIGIOUS STUDIES; PERMISSION
 OF INSTRUCTOR; APPROVAL OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
 APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS RELIG 490H 1- 3 CREDITS
 Prereq: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR,
 APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH & EVALUATION

INTRO EDUC RESEARCH RESEV 550 3 CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 6211005 1 M 5:30-8:20PM
 MEETS: JAN 9-MAY 5

BASIC EDUC STATISTC RESEV 552 3 CREDITS
 7368005 1 T 5:30-8:20PM
 MEETS: JAN 9-MAY 5

INTMED EDUC STATIST RESEV 553 3 CREDITS
 Prereq: RESEV 552 OR STAT 401
 Note: COURSE FOR STUDENTS IN EDUCATION
 7684005 1 R 5:10-8:00PM
 MEETS: JAN 9-MAY 5
 Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS ONLY.

RESEARCH & EVALUATION

(CONTINUED)

INTRO QLTV RES MTHD RESEV 580 3 CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 4059005 1 R 5:10-8:00PM
 MEETS: JAN 9-MAY 5

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 W 2:10-5:00
 MEETS: JAN 9-MAY 5
 6218010 2 W 9:00-11:50
 MEETS: JAN 9-MAY 5

CRIT ISS QLTV INQUI RESEV 680 3 CREDITS
 Prereq: RESEV 580
 4564005 W 5:30-8:20PM
 MEETS: JAN 9-MAY 5

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 10:00-10:50 VOROZHBIT M
 MEETS: JAN 9-MAY 5

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 9-MAY 5

READG LIT&CULTR TXT RUS 314 3 CREDITS
 Prereq: RUS 102
 Note: Meets international perspectives reqmt
 6161005 1 TR 12:40-2:00 MESROPOVA O
 MEETS: JAN 9-MAY 5
 Note: SEC 1 HYBRID FORMAT

RUS STU ENGL TRANSL RUS 370 3 CREDITS
 Note: Meets international perspectives reqmt
 7937600 XW ARRANGED SKRYNNIKOVA L
 MEETS: MARCH 6-MAY 5
 Note: TOPIC: ENVIRONMENTAL ISSUES IN MODERN RUSSIA
 Section XW is off campus
 Course delivery is WWW

RUSSIA TODAY RUS 375 3 CREDITS
 Note: TOPIC: RUSSIA TODAY
 Meets international perspectives reqmt
 7072600 XW ARRANGED MESROPOVA O
 MEETS: MARCH 6-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

RUSSN FILM STU ENGL RUS 378 3 CREDITS
 Note: TOPIC: MASTERPIECES OF RUSSIAN CINEMA
 Meets international perspectives reqmt
 5090600 XW ARRANGED MESROPOVA O
 MEETS: MARCH 6-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

INDEPENDENT STUDY RUS 490 1- 6 CREDITS
 Prereq: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN RUS 490 MAY BE
 APPLIED TOWARD GRADUATION
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSH IN RUSSIAN RUS 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL;
 PERMISSION OF ADVISER AND WORLD LANGUAGES AND
 CULTURES INTERNSHIP COORDINATOR
 Note: NO MORE THAN 3 CREDITS IN RUS 499 MAY BE
 APPLIED TOWARD GRADUATION IN THE MAJOR
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEED TECHNOLOGY AND BUSINESS

INFORMATION SYSTEMS STB 503 2 CREDITS
 Prereq: ADMISSION TO MS IN SEED TECHNOLOGY AND
 BUSINESS PROGRAM OR BY SPECIAL ARRANGEMENT WITH INSTR
 5505600 XW ARRANGED TOWNSEND A
 MEETS: JAN 9-MAY 5

Note: THIS SECTION IS RESTRICTED TO STB MAJORS, ALL
 OTHER STUDENT MUST GET PERMISSION TO REGISTER
 FROM SEEDGRAD@IASTATE.EDU
 Section XW is off campus
 Course delivery is WWW

MARKETING&LOGISTICS STB 504 3 CREDITS
 Prereq: ADMISSION TO MS IN SEED TECHNOLOGY AND
 BUSINESS PROGRAM OR BY SPECIAL ARRANGEMENT WITH INSTR
 5546600 XW ARRANGED CHEN H
 MEETS: JAN 9-MAY 5

Note: THIS SECTION IS RESTRICTED TO STB MAJORS, ALL
 OTHER STUDENT MUST GET PERMISSION TO REGISTER
 FROM SEEDGRAD@IASTATE.EDU
 Section XW is off campus
 Course delivery is WWW

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 9-MAY 5

Note: RESTRICTED TO DISTANCE EDUCATION STB MAJORS.
 ALL OTHERS MUST GAIN PERMISSION FROM:
 SEEDGRAD@IASTATE.EDU
 Section XW is off campus
 Course delivery is Independent study

CREATIVE COMPONENT STB 599 2- 3 CREDITS
 Prereq: ADMISSION TO SEED TECHNOLOGY AND BUSINESS
 MASTER'S DEGREE PROGRAM AND PERMISSION OF INSTRUCTOR
 3239005 ARRANGED
 MEETS: JAN 9-MAY 5

3239600 XA ARRANGED MUNKVOLD G
 MEETS: JAN 9-MAY 5
 Note: RESTRICTED TO STB MAJORS OR WITH APPROVAL OF THE
 INSTRUCTOR. EMAIL FOR APPROVAL: SEEDGRAD@IASTATE.EDU
 Section XA is off campus
 Course delivery is Independent study

SOCIOLOGY

SOCIOLOGY ORIENTATN SOC 115 1 CREDIT
 Satisfactory-Fail Only.
 6345005 A MW 9:00-9:50 HAGLEY M
 MEETS: JAN 9-MARCH 3

INTRO TO SOCIOLOGY SOC 134 3 CREDITS
 Note: CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 6346005 1 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 6346600 XW ARRANGED KRIER D
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

INTIMATE RELATNSHIP SOC 219 3 CREDITS
 Prereq: SOC 134
 6349005 A TR 9:30-10:50 STEWART S
 MEETS: JAN 9-MAY 5
 6349010 B MWF 11:00-11:50 STOEHR A
 MEETS: JAN 9-MAY 5

GLOBAL SUSTAINABLTY SOC 220 3 CREDITS
 Note: Meets international perspectives reqmt
 3847005 1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

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,
 INDIS. STUDENTS WHO HAVE PREVIOUSLY TAKEN SOC 202
 WILL NOT RECIEVE CREDIT FOR SOC 302.
 6354005 A MWF 2:10-3:00 DORIUS S
 MEETS: JAN 9-MAY 5
 6354010 B TR 2:10-3:30 SAPP S
 MEETS: JAN 9-MAY 5

SOC PSYCH:SOC PERSP SOC 305 3 CREDITS
 Prereq: SOC 134
 Note: SEC A1,B1 ETC RESTRICTED TO AG SO, SOC, P S A,
 INDIS ONLY. SEC A2,B2 ETC FOR ALL OTHER MAJORS.
 6355005 A1 MWF 9:00-9:50 REGER R
 MEETS: JAN 9-MAY 5
 6355010 A2 MWF 9:00-9:50 REGER R
 MEETS: JAN 9-MAY 5

SOCIOLOGY (CONTINUED)

SOCIOLOGY (CONTINUED)

COMMUNITY SOC 310 3 CREDITS
 Prereq: SOC 134
 6321005 A MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

TRANSITION IN AGRIC SOC 325 3 CREDITS
 6322005 A1 TR 12:40-2:00 BAIN C
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO AG SO, INDIS, PSA, SOC MAJORS ONLY
 6322010 A2 TR 12:40-2:00 BAIN C
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN AG SO, PSA & SOC

SEX&GENDER IN SOCIE SOC 327 3 CREDITS
 Prereq: SOC 134
 Note: SEC A1,B1 RESTRICTED TO AG SO, INDIS, SOC, P S A, W S.SEC A2,B2 FOR MAJORS OTHER THAN, AG SO, INDIS, SOC, P S A, W S.
 Meets U.S. diversity reqmt
 6356005 A1 MWF 10:00-10:50 POPILLION A
 MEETS: JAN 9-MAY 5
 6356010 A2 MWF 10:00-10:50 POPILLION A
 MEETS: JAN 9-MAY 5
 6356015 B1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 6356020 B2 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

ETHNIC&RACE RELATNS SOC 330 3 CREDITS
 Prereq: SOC 134
 Note: SEC A1, B1 RESTRICTED TO SOC, INDIS, P S A MAJORS
 SEC A2, B2 FOR MAJORS OTHER THAN SOC, INDIS, P S A.
 Meets U.S. diversity reqmt
 6352005 A1 TR 12:40-2:00 KUSOW A
 MEETS: JAN 9-MAY 5
 6352010 A2 TR 12:40-2:00 KUSOW A
 MEETS: JAN 9-MAY 5

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 3:40-5:00 YU D
 MEETS: JAN 9-MAY 5
 6357010 A2 TR 3:40-5:00 YU D
 MEETS: JAN 9-MAY 5
 6357600 XW ARRANGED DOBRATZ B
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

POLITICS & SOCIETY SOC 334 3 CREDITS
 Prereq: A COURSE IN POLITICAL SCIENCE OR SOCIOLOGY
 7401005 A TR 2:10-3:30 DOBRATZ B
 MEETS: JAN 9-MAY 5

DEVIANT & CRIM BEHAV SOC 340 3 CREDITS
 Prereq: SOC 134
 6358005 A MWF 11:00-11:50 BEHNKEN M
 MEETS: JAN 9-MAY 5

CRIMINOLOGY SOC 341 3 CREDITS
 Prereq: SOC 134
 4718005 A MWF 10:00-10:50 HOCHSTETLER A
 MEETS: JAN 9-MAY 5

GLBL POV&SUSTNB DEV SOC 348 3 CREDITS
 Prereq: SOC 134
 Note: Meets international perspectives reqmt
 9576005 A MWF 11:00-11:50 DORIUS S
 MEETS: JAN 9-MAY 5
 9576600 XW ARRANGED MAZUR R
 MEETS: JAN 9-MAY 5
 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 A1 M 6:10-9:00PM BRINKLEY J
 MEETS: JAN 9-MAY 5
 7743010 A2 M 6:10-9:00PM BRINKLEY J
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN AG SO, P S A, SOC

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 9-MAY 5

SOCIOLOGY OF WORK SOC 380 3 CREDITS
 Prereq: SOC 134
 6362005 A TR 8:00-9:20 REGER R
 MEETS: JAN 9-MAY 5

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 GARDEZI S
 MEETS: JAN 9-MAY 5
 7713010 A2 MWF 9:00-9:50 GARDEZI S
 MEETS: JAN 9-MAY 5

CONTEM SOC THEORIES SOC 401 3 CREDITS
 Prereq: 9 CREDITS IN SOC
 6365005 A MWF 3:10-4:00 KRIER D
 MEETS: JAN 9-MAY 5
 6365010 B TR 12:40-2:00 SAPP S
 MEETS: JAN 9-MAY 5

WHITE-COLLAR CRIME SOC 402 3 CREDITS
 Prereq: SOC 241 OR CJ ST 240
 8478005 A MWF 11:00-11:50 HOCHSTETLER A
 MEETS: JAN 9-MAY 5

CRIM & JUV JUST PRAC SOC 460 3-12 CREDITS
 Prereq: JR/SR CLASSIFICATN; PERMISSN OF THE CJ ST COORDINATOR; MAJOR OR MINOR IN CJ ST OR SOC
 Note: NO MORE THAN 9 CREDITS OF SOC 460/CJ ST 460 MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN SOC 460/CJ ST 460 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
 Satisfactory-Fail Only.
 6370005 ARRANGED DELISI M
 MEETS: JAN 9-MAY 5

TOPIC CRIM&JUV JUST SOC 484 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6374005 A W 5:30-8:30PM DRURY A
 MEETS: JAN 9-MAY 5
 6374010 B MWF 12:10-1:00 BEHNKEN M
 MEETS: JAN 9-MAY 5

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

MODELS OF COMMUNITY SOC 533 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6330005 A TR 9:30-10:50 PETERS D
 MEETS: JAN 9-MAY 5

RACE,CLS,GNDR INEQU SOC 534 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6390005 A TR 12:40-2:00 STEWART S
 MEETS: JAN 9-MAY 5

STRAT ENGAGE CMUNTY SOC 536 3 CREDITS
 Prereq: 6 CREDITS IN SOCIOLOGY
 8646005 A TR 11:00-12:20 WELLS B
 MEETS: JAN 9-MAY 5

SOC FOOD & AGRI SYS SOC 544 3 CREDITS
 Prereq: 6 CREDITS IN SOCIOLOGY
 6420005 A TR 2:10-3:30
 MEETS: JAN 9-MAY 5

SPCL TOPICS GEN SOC SOC 590A 1- 3 CREDITS
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOCIOLOGY (CONTINUED)

SPL TOPCS RURAL SOC SOC 590B 1- 3 CREDITS
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RES GEN SOC SOC 599A 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RSRCH RURAL SOC 599B 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONTEMP SOC THEORY SOC 607 3 CREDITS
 Prereq: 6 GRAD CREDITS IN SOC
 6413005 W 5:10-8:00PM SCHWEINGRUBER D
 MEETS: JAN 9-MAY 5

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 W 11:00-11:50
 MEETS: JAN 9-MAY 5

PROB SOLV SFTWR ENG S E 185 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH
 PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: M E 160, ENGR 160,
 A B E 160, AER E 160, C E 160, CPR E 185, E E 185,
 S E 185, I E 148
 4922005 A MW 10:00-11:50
 T 10:00-11:50
 MEETS: JAN 9-MAY 5

4922010 B MW 10:00-11:50
 T 2:10-4:00
 MEETS: JAN 9-MAY 5

4922015 C MW 10:00-11:50
 R 4:10-6:00PM
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN S E 298 R CREDIT
 ***** Prereq: PERMISSION OF DEPT AND CAREER SERVICES
 SEE DEPT FOR REFERENCE NUMBERS

SFTWR CNSTR&USER IN S E 319 3 CREDITS
 Prereq: COM S 228
 7191005 1 MWF 3:10-4:00 MITRA S
 MEETS: JAN 9-MAY 5

SOFTWARE PROJCT MGT S E 329 3 CREDITS
 Prereq: COM S 309
 7377005 TR 12:40-1:55
 MEETS: JAN 9-MAY 5

SFTWR ARCHITC&DSIGN S E 339 3 CREDITS
 Prereq: S E 319
 7259005 TR 4:10-5:30
 MEETS: JAN 9-MAY 5

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 A TR 2:10-3:30
 MEETS: JAN 9-MAY 5

1043100 1 W 9:00-9:50
 MEETS: JAN 9-MAY 5

1043105 2 W 4:10-5:00
 MEETS: JAN 9-MAY 5

SOFTWAR ENGR INTERN S E 397 R CREDIT
 Prereq: PERMISSION OF DEPT AND CAREER SERVICES
 7300005 ARRANGED

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 230 OR CPR E 310; COM S 311,
 STAT 330
 7257005 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

SOFTWRE EVOLU&MAINT S E 416 3 CREDITS
 Prereq: COM S 309
 7240005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

SOFTWARE ENGINEERING (CONTINUED)

SOFTWARE TESTING S E 417 3 CREDITS
 Prereq: COM S 309; COM S 330 OR CPR E 310,
 ENGL 250, SP CM 212
 7221005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

LG SC DTA ANLY SFTW S E 419 4 CREDITS
 7517005 A TR 9:30-10:50
 W 2:10-4:00
 MEETS: JAN 9-MAY 5

7517010 B TR 9:30-10:50
 W 6:10-8:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5

SR DSIGN PROJECT II S E 492 2 CREDITS
 Prereq: S E 491
 7371005 R 2:10-3:00, ARRANGED
 MEETS: JAN 9-MAY 5

S E PORTFOLIO DEVEL S E 494 R CREDIT
 Prereq: CREDIT OR ENROLLMENT IN S E 491
 6467005 ARRANGED
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN S E 498 R CREDIT
 Prereq: S E 398, PERMISSION OF DEPT & CAREER
 SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH

ACCEL SPNISH REVIEW SPAN 97 0 CREDITS
 Prereq: TWO YEARS BUT LESS THAN THREE YEARS OF
 HIGH-SCHOOL SPANISH
 Note: DEVELOPMENTAL SPANISH FEE APPLIES. SEE
 HTTP://WWW.REGISTRAR.IASTATE.EDU/FEEES/OTHFEE.SHTML
 FOR MORE INFORMATION ON THIS FEE.
 8246005 1 TR 11:00-12:20 WILHELM J
 MEETS: JAN 9-MAY 5

8246010 2 TR 12:40-2:00 WILHELM J
 MEETS: JAN 9-MAY 5

ELEMENTRY SPANISH I SPAN 101 4 CREDITS
 6473005 1 MTWR 12:10-1:00 GONZALEZ-CHAVES
 MEETS: JAN 9-MAY 5
 Note: Materials and equipment use fee \$25.00

ELEM SPANISH II SPAN 102 4 CREDITS
 Prereq: SPAN 101, SPAN 97 OR PLACEMENT BY
 DEPARTMENTAL EXAM
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
 SCHOOL SPAN MAY NOT ENROLL IN 102.
 Meets international perspectives reqmt
 6474005 1 MTWR 12:10-1:00 CARDENAS S
 MEETS: JAN 9-MAY 5

6474010 2 MTWR 9:00-9:50 NARVAEZ-RIVERA G
 MEETS: JAN 9-MAY 5
 Note: SEC 2: HYBRID FORMAT

6474015 3 MTWR 10:00-10:50 NARVAEZ-RIVERA G
 MEETS: JAN 9-MAY 5

6474020 4 MTWR 11:00-11:50 GONZALEZ-CHAVES
 MEETS: JAN 9-MAY 5

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 MUSGROVE J
 T 9:00-9:50
 MEETS: JAN 9-MAY 5

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 VESSONI-DE-LENCE
 M 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1 HYBRID FORMAT

6478010 2 TWR 11:00-11:50 MUSGROVE J
 M 11:00-11:50
 MEETS: JAN 9-MAY 5

6478015 3 TWR 12:10-1:00 VESSONI-DE-LENCE
 M 12:10-1:00
 MEETS: JAN 9-MAY 5

6478020 4 TWR 1:10-2:00 GONZALEZ-CHAVES
 M 1:10-2:00
 MEETS: JAN 9-MAY 5

SPANISH

(CONTINUED)

GRAMMAR & COMPOSITN SPAN 301 3 CREDITS
 Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM
 Note: Meets international perspectives reqmt
 6479005 1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 6479010 2 MWF 10:00-10:50 LADNER E
 MEETS: JAN 9-MAY 5
 6479015 3 MWF 12:10-1:00 MEYERS R
 MEETS: JAN 9-MAY 5
 6479020 4 MWF 9:00-9:50 WALDEMER T
 MEETS: JAN 9-MAY 5
 6479600 XV ARRANGED WALDEMER T
 MEETS: JAN 9-MAY 5
 Note: SECTION XV IS RESTRICTED TO SPANISH MAJORS ONLY.
 Section XV is off campus
 Course delivery is WWW
 6479605 XW ARRANGED WALDEMER T
 MEETS: JAN 9-MAY 5
 Note: SECTION XW IS RESTRICTED TO SPANISH MAJORS ONLY.
 Section XW is off campus
 Course delivery is WWW

CONVERS THRU CULTUR SPAN 303A 3 CREDITS
 Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM
 Note: Meets international perspectives reqmt
 6142005 1 TR 9:30-10:50 WILHELM J
 MEETS: JAN 9-MAY 5
 6142010 2 MWF 2:10-3:00 HAYWOOD-FERREIRA
 MEETS: JAN 9-MAY 5

CONVERS FOR PROFSNL SPAN 303B 3 CREDITS
 Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM
 Note: Meets international perspectives reqmt
 6160005 1 MWF 11:00-11:50 WALDEMER T
 MEETS: JAN 9-MAY 5
 6160010 2 MWF 1:10-2:00 WALDEMER T
 MEETS: JAN 9-MAY 5

SPANISH FOR PROFSNL SPAN 304 3 CREDITS
 Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM; SPAN 301 RECOMMENDED
 Note: Meets international perspectives reqmt
 6482005 1 MWF 10:00-10:50 WALDEMER T
 MEETS: JAN 9-MAY 5

INTRO READ HISPANIC SPAN 314 3 CREDITS
 Prereq: SPAN 301
 Note: Meets international perspectives reqmt
 8894005 1 TR 9:30-10:50 RIZO E
 MEETS: JAN 9-MAY 5
 8894010 2 TR 11:00-12:20 RIZO E
 MEETS: JAN 9-MAY 5

LATIN AMER CIVILIZA SPAN 322 3 CREDITS
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL
 Note: Meets international perspectives reqmt
 6484600 XW ARRANGED RIZO E
 MEETS: JAN 9-MAY 5
 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 MWF 11:00-11:50 LADNER E
 MEETS: JAN 9-MAY 5

LATN AM LIT TO 1900 SPAN 332 3 CREDITS
 Prereq: SPAN 314
 Note: Meets international perspectives reqmt
 6487005 TR 11:00-12:20 MATIBAG E
 MEETS: JAN 9-MAY 5

INTR SPAN/ENG TRNSL SPAN 351 3 CREDITS
 Prereq: SPAN 301, SPAN 303 OR SPAN 304
 Note: Meets international perspectives reqmt
 5071600 XW ARRANGED PARDO-BALLESTER
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

INTR SPANSH PHONOLG SPAN 352 3 CREDITS
 Prereq: SPAN 301, SPAN 303 OR SPAN 304
 Note: Meets international perspectives reqmt
 3382005 1 TR 9:30-10:50 NAGLE C
 MEETS: JAN 9-MAY 5

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 1 TR 9:30-10:50 HAYWOOD-FERREIRA
 MEETS: JAN 9-MAY 5
 Note: SEC 1 TOPIC: GHOSTS, MADMEN & MYSTERIOUS STRANGERS: LATIN AMERICAN FANTASTIC SHORT STORIES
 6496010 2 TR 2:10-3:30 MATIBAG E
 MEETS: JAN 9-MAY 5

SPANISH

(CONTINUED)

CONTRST SPAN ENGLISH SPAN 462 3 CREDITS
 Prereq: SPAN 351
 1486005 ARRANGED
 MEETS: JAN 9-MAY 5

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&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 TR 9:30-10:50 HAYWOOD-FERREIRA
 MEETS: JAN 9-MAY 5
 Note: SEC 1 TOPIC: GHOSTS, MADMEN & MYSTERIOUS STRANGERS: LATIN AMERICAN FANTASTIC SHORT STORIES
 7468010 2 TR 2:10-3:30 MATIBAG E
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 M 11:00-1:30
 MEETS: JAN 9-MAY 5
 Note: NO MEETINGS FEB 13-MARCH 10

CLSRM ASSESMT SP ED SP ED 365 3 CREDITS
 Prereq: SP ED 330; C I 377
 Note: Department permission required 1st week.
 6454005 1 M 2:10-5:00
 MEETS: JAN 9-MAY 5

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 2:10-3:25
 MEETS: JAN 9-MAY 5
 Note: NO MEETINGS MARCH 20-APRIL 14

TCH SCDRY EXCEP GEN SP ED 401 3 CREDITS
 5059005 1 TR 11:00-12:15
 MEETS: JAN 9-MAY 5

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 9-MARCH 3
 3286015 1R ARRANGED
 MEETS: JAN 9-MARCH 3
 3286010 2A ARRANGED
 MEETS: MARCH 6-MAY 5
 3286020 2R ARRANGED
 MEETS: MARCH 6-MAY 5

INST MTHD M/MO DSAB SP ED 436 3 CREDITS
 Prereq: C I 245, CONCURRENT ENROLLMENT IN SP ED 365
 1884005 W 2:10-5:00
 MEETS: JAN 9-MAY 5

SPECIAL EDUCATION

(CONTINUED)

SPEECH COMMUNICATION

(CONTINUED)

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 W 11:00-1:30
 MEETS: JAN 9-MAY 5
 Note: NO MEETINGS FEB 13-MARCH 10

INDEPENDENT STUDY SP ED 490 1- 5 CREDITS
 Prereq: 12 CR IN EL ED, PERMISSION OF DEPT CHAIR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FND BEHAV DIS&LRN D SP ED 511 3 CREDITS
 Prereq: SP ED 501 OR EQUIVALENT
 8694005 1 T 5:30-8:00PM
 S 9:30-3:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1 SAT MEETING JAN 13

EVID-BS PRAC BHV DS SP ED 530 3 CREDITS
 Prereq: SP ED 511, SP ED 515
 2638005 T 5:30-8:20PM
 S 9:00-3:30
 MEETS: JAN 9-MAY 5
 Note: SAT MEETING FEB 6 & MARCH 26

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
 Note: COURSE RESTRICTED TO C I & EDUC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUP F EXP DSBL,5-12 SP ED 591H 1-6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
 Note: COURSE RESTRICTED TO C I & EDUC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FLD EXP BHV/DS SP ED 591K 1- 6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION
 Note: COURSE RESTRICTED TO C I & EDUC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SP ED 599 1- 5 CREDITS
 Prereq: 15 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SP ED 699 VAR. CREDITS
 Prereq: 15 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPEECH COMMUNICATION

LISTENING SP CM 110 3 CREDITS
 6418005 A MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

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 8:00-8:50
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

8643025 2 MWF 9:00-9:50
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

8643030 3 MWF 9:00-9:50
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

8643035 4 MWF 9:00-9:50
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

8643040 5 MWF 10:00-10:50
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

8643045 6 MWF 10:00-10:50
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

8643050 7 MWF 11:00-11:50
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

8643055 8 MWF 11:00-11:50
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

8643060 9 MWF 11:00-11:50
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

8643065 10 MWF 11:00-11:50
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

8643070 11 MWF 11:00-11:50
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

8643075 12 MWF 1:10-2:00
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 8643080 13 MWF 2:10-3:00
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

8643085 14 MWF 2:10-3:00
 MW 11:00-11:50
 MEETS: JAN 9-MAY 5

8643090 15 MWF 10:00-10:50
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

8643095 16 MWF 12:10-1:00
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

8643100 17 MWF 12:10-1:00
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

8643015 18 MWF 12:10-1:00
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

8643110 19 MWF 12:10-1:00
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

8643115 20 MWF 1:10-2:00
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

8643120 21 MWF 1:10-2:00
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

8643125 22 MWF 1:10-2:00
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

8643130 23 MWF 2:10-3:00
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

8643135 24 MWF 2:10-3:00
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

8643140 25 MWF 3:10-4:00
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

8643145 26 MWF 3:10-4:00
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

8643150 27 MWF 3:10-4:00
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5

8643155 28 MWF 3:00-9:50
 MEETS: JAN 9-MAY 5

8643160 29 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

8643165 30 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

8643170 31 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

8643175 32 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

8643180 33 MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

8643185 34 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

8643190 35 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

8643195 36 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

8643200 37 TR 12:40-2:00
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 37 IS A WEB-BLENDED COURSE WITH 50% OF CLASS
 TAKING PLACE ONLINE AND 50% OF CLASS MEETINGS TAKING
 TAKING PLACE ON CAMPUS AT THE TIME AND LOCATION THIS
 INDICATED ABOVE. THIS COURSE WILL HAVE 16 ON CAMPUS
 MEETINGS OCCURRING ON 1/10, 1/17, 2/2, 2/7, 2/14,
 2/16, 2/21, 2/23, 3/24, 3/28, 3/30, 4/4, 4/6,
 4/20, 4/25, 4/27.

8643205 38 TR 11:00-12:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 38 RESTRICTED TO SENIORS ONLY
 SEC 38 IS A WEB-BLENDED COURSE WITH 50% OF CLASS
 TAKING PLACE ONLINE AND 50% OF CLASS MEETINGS TAKING
 TAKING PLACE ON CAMPUS AT THE TIME AND LOCATION THIS
 INDICATED ABOVE. THIS COURSE WILL HAVE 16 ON CAMPUS
 MEETINGS OCCURRING ON 1/10, 1/17, 2/2, 2/7, 2/14,
 2/16, 2/21, 2/23, 3/24, 3/28, 3/30, 4/4, 4/6,
 4/20, 4/25, 4/27.

8643210 39 TR 11:00-12:20
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 38 IS A WEB-BLENDED COURSE WITH 50% OF CLASS
 TAKING PLACE ONLINE AND 50% OF CLASS MEETINGS TAKING
 TAKING PLACE ON CAMPUS AT THE TIME AND LOCATION THIS
 INDICATED ABOVE. THIS COURSE WILL HAVE 16 ON CAMPUS
 MEETINGS OCCURRING ON 1/10, 1/17, 2/2, 2/7, 2/14,
 2/16, 2/21, 2/23, 3/24, 3/28, 3/30, 4/4, 4/6,
 4/20, 4/25, 4/27.

8643215 40 TR 12:40-2:00
 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 40 IS A WEB-BLENDED COURSE WITH 50% OF CLASS
 TAKING PLACE ONLINE AND 50% OF CLASS MEETINGS TAKING
 TAKING PLACE ON CAMPUS AT THE TIME AND LOCATION THIS
 INDICATED ABOVE. THIS COURSE WILL HAVE 16 ON CAMPUS
 MEETINGS OCCURRING ON 1/10, 1/17, 2/2, 2/7, 2/14,
 2/16, 2/21, 2/23, 3/24, 3/28, 3/30, 4/4, 4/6,
 4/20, 4/25, 4/27.

SPEECH COMMUNICATION (CONTINUED)

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 Course delivery is WWW
 8643220 41 TR 2:10-3:30, ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC 41 IS A WEB-BLENDED COURSE WITH 50% OF CLASS TAKING PLACE ONLINE AND 50% OF CLASS MEETINGS TAKING PLACE ON CAMPUS AT THE TIME AND LOCATION THIS INDICATED ABOVE. THIS COURSE WILL HAVE 16 ON CAMPUS MEETINGS OCCURRING ON 1/10, 1/17, 2/2, 2/7, 2/14, 2/16, 2/21, 2/23, 3/24, 3/28, 3/30, 4/4, 4/6, 4/20, 4/25, 4/27.
 Course delivery is WWW

HONORS PUBLIC SPEAK SP CM 212H 3 CREDITS
 Prereq: MEMBERSHIP IN THE UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 8819005 MWF 12:10-1:00
 MW 12:10-1:00
 MEETS: JAN 9-MAY 5
 Note: Materials and equipment use fee \$25.00

INTERCOLLEG DEBATE SP CM 223 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 6424005 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

SCI IN PBLC:CMUNIC SP CM 270X 3 CREDITS
 Prereq: ENGL 250
 9876005 A MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

SPECIAL PROJECTS SP CM 290 1- 2 CREDITS
 Prereq: 3 CREDITS IN SP CM; PERMISSION OF PROGRAM DIRECTOR
 Note: NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINOR.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS&PRO SPEAKG SP CM 312 3 CREDITS
 Prereq: SP CM 212
 Note: SEC A1,B1 ETC RESTRICTED TO SP CM MAJORS ONLY. SEC A2,B2 ETC RESTRICTED TO MAJORS OTHER THAN SP CM.
 6429005 A1 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 6429010 A2 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5
 6429015 B1 MW 3:10-4:30
 MEETS: JAN 9-MAY 5
 6429020 B2 MW 3:10-4:30
 MEETS: JAN 9-MAY 5

GENDER & COMMUNICTN SP CM 323 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2640005 A MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 2640010 B TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 2640015 C TR 12:40-1:55
 MEETS: JAN 9-MAY 5

LEGAL COMMUNICATION SP CM 324 3 CREDITS
 Prereq: SP CM 212
 6190005 A MW 5:10-6:40PM
 MEETS: JAN 9-MAY 5

PERSUASION SP CM 327 3 CREDITS
 Prereq: SP CM 212
 Note: SEC A1 RESTRICTED TO SP CM MAJORS ONLY. SEC A2 FOR MAJORS OTHER THAN SP CM.
 6437005 A1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 6437010 A2 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

RHETORICAL TRADITNS SP CM 350 3 CREDITS
 Prereq: ENGL 250
 3005005 A1 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM MAJORS ONLY
 3005010 A2 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 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
 MEETS: JAN 9-MAY 5

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

SPEECH COMMUNICATION (CONTINUED)

DIRECT SPEECH ACTIV SP CM 495A 1 CREDIT
 Prereq: C I 301; 9 CR IN SP CM; MINIMUM GPA OF 2.5 IN SP CM COURSES
 6445005 ARRANGED
 MEETS: JAN 9-MAY 5
 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
 MEETS: JAN 9-MAY 5

COMMUNIC INTERNSHIP SP CM 499 1- 3 CREDITS
 Prereq: 18 CR IN SP CM COURSES, OTHER COURSES ADVISER DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR STANDING; CUM GPA OF AT LEAST 2.5 OVERALL & 3.0 IN SP CM; PERMISSION OF THE INTERNSHIP COMMITTEE
 Note: NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD THE MINOR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROSEM:TCH FUND SPK SP CM 513 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2093005 ARRANGED
 MEETS: JAN 9-MAY 5

SPECIAL TOPICS SP CM 590 1- 4 CREDITS
 Prereq: PERMISSION OF PROGRAM CHAIR
 Note: NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE MINOR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

STATISTICS

PRIN OF STATISTICS STAT 101 4 CREDITS
 Prereq: ONE AND A HALF YRS OF H S ALGEBRA
 Note: COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226.
 6502005 A MWF 9:00-9:50
 M 12:10-2:00
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

6502010 B MWF 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

6502015 C MWF 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

6502020 D MWF 10:00-10:50
 T 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

6502025 E MWF 11:00-11:50
 W 12:10-2:00
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

6502030 F MWF 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

6502035 G MWF 3:10-4:00
 R 2:10-4:00
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

6502040 H MWF 3:10-4:00
 R 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

6502045 J MWF 2:10-3:00
 T 10:00-11:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

6502050 K MWF 2:10-3:00
 T 12:10-2:00
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

6502055 L MWF 1:10-2:00
 W 8:00-9:50
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required 1st week.

6502060 M MWF 1:10-2:00
 W 10:00-11:50
 MEETS: JAN 9-MAY 5
 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 9-MAY 5

6503010 B TR 2:10-3:00
 F 2:10-4:00
 MEETS: JAN 9-MAY 5

STATISTICS (CONTINUED)

STATISTICS (CONTINUED)

INTRO TO STATISTICS STAT 104 3 CREDITS
 6503015 C TR 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 9-MAY 5
 6503020 D TR 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 9-MAY 5
 6503025 E MW 8:00-8:50
 R 12:10-2:00
 MEETS: JAN 9-MAY 5
 6503030 F MW 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 6504600 XW ARRANGED GHOSH A
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

INTR STAT CNCPT&MTH STAT 201 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 165
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: STAT 101,
 STAT 104, STAT 105, STAT 201, STAT 226.
 4709005 MW 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 3975010 B TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 3975015 C TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 3975020 D TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 3975025 E TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 3975030 F TR 8:00-9:20
 MEETS: JAN 9-MAY 5
 3975035 G TR 8:00-9:20
 MEETS: JAN 9-MAY 5
 3975040 J TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 3975045 K TR 11:00-12:20
 MEETS: JAN 9-MAY 5

PROB&INFERNC, ENGRS STAT 231 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 265
 Note: Instructor permission required 1st week.
 6507005 A MTRF 8:00-8:50
 MEETS: JAN 9-MAY 5
 6507010 B MTRF 12:10-1:00
 MEETS: JAN 9-MAY 5

INTMD STT CNCPT&MTH STAT 301 4 CREDITS
 Prereq: STAT 101 OR STAT 104 OR STAT 105 OR
 STAT 201
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: STAT 301,
 STAT 326, STAT 401
 4710005 A MW 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 9-MAY 5
 4710010 B TR 11:00-12:20
 T 2:10-4:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 6509010 B TR 3:40-5:00
 MEETS: JAN 9-MAY 5
 6509015 C TR 9:30-10:50
 MEETS: JAN 9-MAY 5
 6509020 D TR 12:40-2:00
 MEETS: JAN 9-MAY 5
 6509030 F TR 2:10-3:30
 MEETS: JAN 9-MAY 5

PROBAB MTH,ELEC ENG STAT 322 3 CREDITS
 Prereq: E E 224
 6857005 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

INTR BUSINS STAT II STAT 326 3 CREDITS
 Prereq: STAT 226
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: STAT 301, STAT 326,
 STAT 401
 Night exams scheduled. For dates go to
 http://www.registrar.iastate.edu/students/exams/
 night-exams.
 6510005 A MW 3:10-4:00
 R 4:10-6:00PM
 MEETS: JAN 9-MAY 5
 6510010 B MW 3:10-4:00
 R 2:10-4:00
 MEETS: JAN 9-MAY 5
 6510015 C MW 3:10-4:00
 R 12:10-2:00
 MEETS: JAN 9-MAY 5
 6510020 D MW 3:10-4:00
 F 12:10-2:00
 MEETS: JAN 9-MAY 5
 6510025 E MW 3:10-4:00
 F 10:00-11:50
 MEETS: JAN 9-MAY 5
 6510030 F MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 9-MAY 5
 6510035 G MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 9-MAY 5
 6510040 J MW 1:10-2:00
 F 8:00-9:50
 MEETS: JAN 9-MAY 5
 6510045 K MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 9-MAY 5

PROBAB&STAT COM SCI STAT 330 3 CREDITS
 Prereq: MATH 166
 7372005 A MWF 3:10-4:00
 MEETS: JAN 9-MAY 5
 7372010 B MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

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 MW 9:00-9:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

STAT QUALITY ASSURN STAT 361 3 CREDITS
 Prereq: STAT 231 OR STAT 401
 6513005 A T 3:40-5:30 NORDMAN D
 MEETS: JAN 9-MAY 5
 Note: SEC A RESTRICTED TO I E & STAT MAJORS ONLY
 6513010 B R 3:40-5:30 NORDMAN D
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN STAT 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 1530005 ARRANGED
 MEETS: JAN 9-MAY 5

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 ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: STAT 301, STAT 326,
 STAT 401. 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 MW 9:00-9:50
 W 12:10-2:00
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC B FOR SOCIAL SCIENCES, PSYCH AND HD FS
 MAJORS
 Instructor permission required 1st week.
 6514020 D MW 1:10-2:00
 T 10:00-11:50
 MEETS: JAN 9-MAY 5
 Note: SEC D FOR ENGINEERING, PHYSICAL SCIENCES
 MAJORS
 Instructor permission required 1st week.
 6514600 XV ARRANGED VARDEMAN S
 MEETS: JAN 9-MAY 5
 Note: Section XV is off campus
 Course delivery is WWW

STATISTICS

(CONTINUED)

STATISTICS

(CONTINUED)

STAT METH FOR RSRCH STAT 401 4 CREDITS
 6514605 XW ARRANGED KOEHLER K
 MEETS: JAN 9-MAY 5
 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 9-MAY 5
 Note: SEC A RESTRICTED TO A E, A B E, BBMA, BMBS,
 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 9-MAY 5
 Note: SEC B FOR PHYS SCIENCES, MATH, ENGR,
 UNDERGRADS

6515015 C MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 Note: SEC C FOR HD FS, H SCI, POL S, PSYCH AND SOC
 MAJORS ONLY.

REGRES SOC&BHAV RES STAT 404 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 6517005 MW 1:10-2:00
 M 2:10-4:00
 MEETS: JAN 9-MAY 5

ST MTH SPATIAL DATA STAT 406 3 CREDITS
 Prereq: 6 HOURS OF STAT AT THE 400-LEVEL
 4015005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

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 9-MAY 5

BAYESIAN DATA ANALY STAT 444 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401;
 STAT 342 OR STAT 447
 8928005 MW 10:00-10:50
 T 12:10-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MAY 5

6524600 XW ARRANGED MEEKER W
 MEETS: JAN 9-MAY 5
 Note: SECTION XW IS RESTRICTED TO STUDENTS IN THE
 MASTERS IN BUSINESS ANALYTICS DEGREE PROGRAM.
 Section XW is off campus
 Course delivery is WWW

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 9-MAY 5

STAT COMPUTING APPL STAT 480 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 6525005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY STAT 490 VAR. CREDITS
 Prereq: 10 CREDITS IN STATISTICS
 Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS STAT 490H VAR. CREDITS
 Prereq: 10 CR IN STAT, MEMBERSHIP IN HONORS PROG
 Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MULTIVAR STAT METHD STAT 501 3 CREDITS
 Prereq: STAT 500 OR STAT 402; STAT 447 OR
 STAT 542; STAT 579 OR EQUIVALENT; KNOWLEDGE OF
 MATRIX ALGEBRA
 6530005 1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

APP MOD MLTVRT LRNG STAT 502 3 CREDITS
 Prereq: STAT 500, STAT 542, STAT 579
 9789005 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

ST MTH SPATIAL DATA STAT 506 3 CREDITS
 Prereq: STAT 447 OR STAT 542
 4078005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

STATISTCL MTHDS 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 9-MAY 5

THY&APP SAMPLE SURV STAT 521 3 CREDITS
 Prereq: STAT 401; STAT 447 OR STAT 542
 6535005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

RELIABILITY STAT 533 3 CREDITS
 Prereq: STAT 342 OR STAT 432 OR STAT 447
 6538005 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

THRY PROBAB&STAT II STAT 543 3 CREDITS
 Prereq: STAT 542
 6547005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

6547600 XW ARRANGED SABZIKAR F
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

BAYESIAN STATISTICS STAT 544 3 CREDITS
 Prereq: STAT 543
 6548005 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

FUNCTNL DATA ANALYS STAT 547 3 CREDITS
 Prereq: STAT 543, STAT 511
 9790005 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

ADV GENOME INFORMTC STAT 568 3 CREDITS
 Prereq: BCB 567 OR BIOL 315 AND STAT 430;
 CREDIT OR ENROLLMENT IN GEN 409
 5070005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

STATISTCL COMPUTING STAT 580 3 CREDITS
 Prereq: STAT 579; STAT 447 OR STAT 542
 6553005 TR 11:00-12:20
 MEETS: JAN 9-MAY 5

SPECL TOPICS THEORY STAT 590A VAR. CREDITS
 6554005 ARRANGED
 MEETS: JAN 9-MAY 5

SPCL TOPICS METHODS STAT 590B VAR. CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2015
 6555005 R 2:10-3:00
 MEETS: JAN 9-MAY 5

SPL TOP DESGN EXPR STAT 590C VAR. CREDITS
 6556005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOP SAMP SURVEY STAT 590D VAR. CREDITS
 6557005 ARRANGED
 MEETS: JAN 9-MAY 5

SPL TOPCS STAT EDUC STAT 590E VAR. CREDITS
 8521005 ARRANGED
 MEETS: JAN 9-MAY 5

COOPERATIVE EDUCATN STAT 598 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT CHAIR
 4153002 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

STATISTICS (CONTINUED)

SUPPLY CHAIN MANAGEMENT (CONTINUED)

ADV PROBABILITY THRY STAT 642 3 CREDITS
 Prereq: STAT 641, OR STAT 543 AND MATH 515
 6565005 TR 2:10-3:30
 MEETS: JAN 9-MAY 5

ADV STOCHAST PROCES STAT 645 3 CREDITS
 3767005 TR 2:10-3:00
 MEETS: JAN 9-MAY 5

ADVANCED TIME SERIES STAT 651 3 CREDITS
 Prereq: STAT 551, STAT 642
 6570005 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

ADV SPL TOPC THEORY STAT 690A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6851005 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

ADV TOP DSIGN EXPER STAT 690C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6854005 ARRANGED
 MEETS: JAN 9-MAY 5

ADV TOP SAMP SURVEY STAT 690D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6855005 ARRANGED
 MEETS: JAN 9-MAY 5

ADV TOP STAT COMPUT STAT 690E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1709005 ARRANGED
 MEETS: JAN 9-MAY 5

ADV TOPICS GRAPHICS STAT 690F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3189005 ARRANGED
 MEETS: JAN 9-MAY 5

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

SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
 Prereq: ECON 101, STAT 226
 Note: SEC A1,B1,ECT RESTRICTED TO ACCT, AG B, AG SO,
 AST, BUS U, BUSEC, I TEC, FIN, MGMT, MIS,
 MKT, P S A, SCM. SEC A2,B2,ECT FOR COLLEGES
 SEC A2,B2,ECT FOR COLLEGES OTHER THAN BUSINESS,
 AG B, AST, AG SO.
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION
 OF 1200 GERDIN

1629005 A1 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5

1629010 A2 MWF 8:00-8:50
 MEETS: JAN 9-MAY 5

1629015 B1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

1629020 B2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

1629025 C1 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

1629030 C2 MWF 2:10-3:00
 MEETS: JAN 9-MAY 5

1629035 D1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

1629040 D2 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

1629045 E1 TR 2:10-3:25
 MEETS: JAN 9-MAY 5

1629050 E2 TR 2:10-3:25
 MEETS: JAN 9-MAY 5

1629055 F1 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

1629060 F2 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

1629065 G1 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

1629070 G2 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

1629075 J1 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5

1629080 J2 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5

1629085 K1 W 6:40-9:25PM
 MEETS: JAN 9-MAY 5

1629090 K2 W 6:40-9:25PM
 MEETS: JAN 9-MAY 5

1629095 L1 M 6:40-9:25PM
 MEETS: JAN 9-MAY 5

1629100 L2 M 6:40-9:25PM
 MEETS: JAN 9-MAY 5

1629105 M1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

1629110 M2 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
 1629115 N1 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

1629120 N2 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

PROJECT MANAGEMENT SCM 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301
 Note: SEC A1, B1 ETC RESTRICTED TO BUS COLLEGE MAJORS
 ONLY. SEC A2,B2 ETC FOR MAJORS OTHER THAN BUS COLLEGE
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION
 OF 1200 GERDIN

7426005 A1 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

7426010 A2 TR 12:40-2:00
 MEETS: JAN 9-MAY 5

7426015 B1 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

7426020 B2 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

7426025 C1 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5

7426030 C2 TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5

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, SCM UNDERGRAD
 MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR
 PERMISSION.

5287005 A TR 2:10-3:30
 MEETS: JAN 9-MAY 5

5287010 B TR 5:10-6:25PM
 MEETS: JAN 9-MAY 5

5287015 C TR 12:40-2:00
 MEETS: JAN 9-MAY 5

PROCESS IMPROVEMENT SCM 434X 3 CREDITS
 Prereq: SCM 424
 Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS MAJORS
 EXCEPT P BUS
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION
 OF 1200 GERDIN

7666005 A R 6:40-9:25PM
 MEETS: JAN 9-MAY 5

ERP SYS&SUPPLY CHAIN SCM 450 3 CREDITS
 Prereq: SCM 301, MIS 301 OR I E 148, I E 341

8120005 A1 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

Note: SEC A1 RESTRICTED TO MIS, SCM UNDERGRADS ONLY

8120010 A2 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

Note: SEC A2 RESTRICTED TO COLLEGE OF BUSINESS MAJORS
 EXCLUDING SCM, MIS, P BUS

SPLY CHN PLAN&CNTRL SCM 453 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO COLLEG OF BUSINESS
 MAJOR EXCEPT P BUS. GRAD STUDENTS SEE 1200
 GERDIN FOR PERMISSION.

4729005 A TR 12:40-2:00
 MEETS: JAN 9-MAY 5

4729010 B TR 3:40-5:00
 MEETS: JAN 9-MAY 5

4729015 C MWF 3:10-4:00
 MEETS: JAN 9-MAY 5

DECISN TOOLS LOG&OP SCM 460 3 CREDITS
 Prereq: SCM 301
 Note: SEC A1,B1 RESTRICTED TO SCM MAJORS ONLY
 SEC A2, B2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 FIN, MGMT, MIS, MKT MAJORS ONLY.
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION
 FROM 1200 GERDIN.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

6790005 A1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

6790010 A2 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

6790015 B1 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

6790020 B2 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

PRIN TRANSPORTATION SCM 461 3 CREDITS
 Prereq: SCM 301
 Note: GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 SEC A1, B1 ETC RESTRICTED TO SCM UNDERGRADS
 ONLY. SEC A2B2 ECT RESTICTED TO ACCT, BUS S, BUS U,
 BUSEC, FIN, MGMT, MIS, MKT UNDERGRADS

6791005 A1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

6791010 A2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

6791015 B1 T 6:40-9:25PM
 MEETS: JAN 9-MAY 5

6791020 B2 T 6:40-9:25PM
 MEETS: JAN 9-MAY 5

6791025 C1 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

6791030 C2 MWF 12:10-1:00
 MEETS: JAN 9-MAY 5

SUPPLY CHAIN MANAGEMENT (CONTINUED)

PRIN PRCHS&SPLY MGT SCM 486 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, I BUS, MGMT, MIS, MKT, SCM MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION
 4788005 A MW 9:00-9:50, ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC A IS A HYBRID CLASS THE WILL MEET MONDAY & WEDNESDAY IN CLASSROOM WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE.
 4788010 B MW 3:10-4:00, ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SEC B IS A HYBRID CLASS THE WILL MEET MONDAY & WEDNESDAY IN CLASSROOM WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE.
 4788015 C M 6:40-9:25PM
 MEETS: JAN 9-MAY 5

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

SCM CASE COMPETITIO SCM 495X 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO SCM UNDERGRADS ONLY. THIS COURSE WILL MEET MONDAYS 5:10-6:26 WITH THE REMAINDER OF THE COURSE CONTENT ARRANGED.
 4577005 A M 5:10-6:25PM
 ARRANGED
 MEETS: JAN 9-MAY 5

SUPPLY CHAIN MGMT SCM 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
 9391005 A TR 7:30-10:50
 MEETS: FEB 21-APRIL 6
 9391600 XA TR 5:50-9:10PM MARTENS B
 MEETS: FEB 21-APRIL 6
 Note: FOR PERMISSION TO ENROLL, CONTACT DEBBIE JOHNSON DLJOHNS@IASTATE.EDU 515-294-5133
 Department permission required.
 Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by CAPITAL SQUARE

BIORENEW SU CHN MGT SCM 513X 3 CREDITS
 Prereq: GRADUATE STANDING, OR QUALIFIED UNDERGRAD WITH INSTRUCTOR PERMISSION
 8291600 XW ARRANGED BOTTENFIELD K
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

ENTRPRS SPLY CH SYS SCM 540X 3 CREDITS
 9706005 A MWF 4:10-5:00
 MEETS: JAN 9-MAY 5

PURCHASI&SUPPLY MGT SCM 563 3 CREDITS
 Prereq: SCM 501 OR PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7251005 A M 6:40-10:00PM
 MEETS: JAN 9-APRIL 3

SPECIAL TOPICS SCM 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN ***** SEE DEPT FOR REFERENCE NUMBERS

SEMNR LOGISTCS MGMT SCM 604 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN SCM 601
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8042005 A R 1:10-4:00
 MEETS: JAN 9-MAY 5

DISSERTATION SCM 699 12 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF DISSERTATION SUPERVISOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUSTAINABLE AGRICULTURE

STRAT DIVERSFD FARM SUSAG 546 3 CREDITS
 Prereq: SUSAG 509
 7427005 1 ARRANGED
 MEETS: JAN 9-MAY 5

AGROFORESTRY SYSTMS SUSAG 571 3 CREDITS
 Prereq: 6 CR IN BIOL SCI AT 300-LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 5077005 TR 8:00-8:50 RUSSELL A
 M 1:10-4:00 RUSSELL A
 MEETS: JAN 9-MAY 5

SUSTAINABLE AGRICULTURE (CONTINUED)

ORGANC AG THRY&PRAC SUSAG 584 3 CREDITS
 Prereq: 9 CREDITS IN BIOLOGICAL OR PHYSICAL SCI
 3420005 T 6:10-9:00PM
 MEETS: JAN 9-MAY 5
 3420600 XW ARRANGED DELATE K
 MEETS: JAN 9-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW

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 9-MAY 5
 Section info: <https://susag.iastate.edu/colloquium>

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

SUSTAINABLE ENVIRONMENTS

SUSTNBL DSN STDIO I SUS E 501 5 CREDITS
 Prereq: SUS E 521
 3009005 WF 1:10-5:20
 MEETS: JAN 9-MAY 5

SUSTN DSN COLLOQ II SUS E 512 1 CREDIT
 Prereq: SUS E 511
 3625005 M 6:10-8:00PM
 MEETS: JAN 9-MAY 5

HUMN DIMENS SUSNBLY SUS E 531 3 CREDITS
 Prereq: GRADUATE STANDING OR SENIOR CLASSIFICATION WITH INSTRUCTOR PERMISSION
 3820005 T 5:10-7:40PM
 MEETS: JAN 9-MAY 5

TECHNOLOGY & SOCIAL CHANGE

GLOBAL SUSTAINABLY T SC 220 3 CREDITS
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 3640005 1 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

WORLD FOOD ISSUES T SC 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 5256005 1 TR 11:00-12:20 ANDERSON-MBA A
 MEETS: JAN 9-MAY 5
 5256010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 9-MAY 5
 Note: SEC. 2 RESTRICTED AGRON, CS A, CS H, DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA & PDEXH MAJORS ONLY.
 5256015 3 TR 2:10-3:30
 MEETS: JAN 9-MAY 5
 5256020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 9-MAY 5
 5256025 5 TR 12:40-2:00 MERRICK L
 MEETS: JAN 9-MAY 5
 5256600 XW ARRANGED FORD C
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.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 12:10-1:00 TSOU J
 MEETS: JAN 9-MAY 5
 5211010 B MWF 10:00-10:50 TSOU J
 MEETS: JAN 9-MAY 5
 5211015 C TR 9:30-10:50 SMITH T
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY T SC 490 VAR. CREDITS
 Prereq: T SC 341, PERMISSION OF INSTRUCTR & T SC COORDINATOR
 Note: Permission of coordinator required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCH&SOC CHG T SC 590 VAR. CREDITS
 Prereq: T SC 541, PERMISSN OF INSTRUCTOR & T SC COORDINATOR
 Note: Permission of coordinator required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT

TECHNOLOGY SYSTEMS MANAGEMENT

(CONTINUED)

EXPERNCING TECHNOL TSM 111 1 CREDIT
 Prereq: AST AND I TEC MAJORS ONLY OR PERMISSION
 OF INSTRUCTOR

8507005 A M 2:10-4:00
 MEETS: JAN 9-MARCH 3

8507010 B M 2:10-4:00
 MEETS: MARCH 6-MAY 5

8507015 C W 2:10-4:00
 MEETS: JAN 9-MARCH 3

8507020 D W 2:10-4:00
 MEETS: MARCH 6-MAY 5

SOLV TECHNOL PROBLM TSM 115 3 CREDITS
 Prereq: CR OR ENROLLMENT IN MATH 140 OR HIGHER

1358005 A MW 12:10-2:00
 MEETS: JAN 9-MAY 5

Note: SEC A FOR MAJORS OTHER THAN AST, I TEC

1358010 B TR 3:40-5:40
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 9-MARCH 3

FUND OF TECHNOLOGY TSM 210 3 CREDITS
 Prereq: TSM 115 OR EQUIVALENT, MATH 140 OR HIGHER

1359005 A1 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

Note: SEC A1 RESTRICTED TO A B E, AST AND I TEC
 MAJORS

1359010 A2 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

Note: SEC A2 FOR MAJORS OTHER THAN A B E, AST OR I TEC

ADV TECH GRPHCS&CAD TSM 216 2 CREDITS
 Prereq: TSM 116

4504005 A TR 8:00-9:30
 MEETS: JAN 9-MAY 5

4504010 B TR 12:40-2:00
 MEETS: JAN 9-MAY 5

INTRO MANUFACT PROC TSM 240 3 CREDITS

6601005 A M 2:10-3:00
 WF 9:00-10:50
 MEETS: JAN 9-MAY 5

6601010 B M 2:10-3:00
 WF 12:10-2:00
 MEETS: JAN 9-MAY 5

6601015 C M 2:10-3:00
 TR 9:00-10:50
 MEETS: JAN 9-MAY 5

6601020 D M 2:10-3:00
 TR 12:10-2:00
 MEETS: JAN 9-MAY 5

TOTAL QUAL IMPROVMT TSM 310 3 CREDITS
 Prereq: STAT 101 OR STAT 104, JR CLASSIFICATION

9202005 A1 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

Note: SEC A1 RESTRICTED TO AST, I TEC MAJORS ONLY

9202010 A2 TR 3:40-5:00
 MEETS: JAN 9-MAY 5

Note: SEC A2 FOR MAJORS OTHER THAN AST, I TEC

PRESRV GRAIN QUALTY TSM 322 2 CREDITS
 Prereq: MATH 140 OR HIGHER

1352005 A1 TR 11:00-11:50
 MEETS: JAN 9-MAY 5

Note: SEC A1 RESTRICTED TO AST, I TEC MAJORS ONLY

1352010 A2 TR 11:00-11:50
 MEETS: JAN 9-MAY 5

Note: SEC A2 FOR MAJORS OTHER THAN AST, I TEC

1352600 XF ARRANGED MCGILL J
 MEETS: JAN 9-MAY 5

Note: CONTACT GP IDEA COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Permission of coordinator required.
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

1352605 XW ARRANGED BRUMM T
 MEETS: JAN 9-MAY 5

Note: Section XW is off campus
 Course delivery is WWW

PRSRV GRAIN QUALITY TSM 322L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN TSM 322

5581005 A T 12:10-3:00
 MEETS: JAN 9-MAY 5

5581010 B W 12:10-3:00
 MEETS: JAN 9-MAY 5

5581015 C W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

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 9-MAY 5

AG MACHNRY &PWR MGT TSM 330 3 CREDITS
 Prereq: TSM 210; MATH 145 OR MATH 151
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS
 MINORS MAY REQUEST A SIGNATURE TO ADD

1347005 A MW 10:00-10:50
 W 3:10-5:00
 MEETS: JAN 9-MAY 5

1347010 B MW 10:00-10:50
 W 11:00-12:50
 MEETS: JAN 9-MAY 5

1347015 C MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 9-MAY 5

FLUID PWR SYS TCNOL TSM 337 3 CREDITS
 Prereq: TSM 210

3335005 A MW 11:00-11:50
 T 9:00-10:50
 MEETS: JAN 9-MAY 5

3335010 B MW 11:00-11:50
 T 12:40-2:30
 MEETS: JAN 9-MAY 5

3335015 C MW 11:00-11:50
 T 2:40-4:30
 MEETS: JAN 9-MAY 5

3335020 D MW 11:00-11:50
 R 12:10-2:00
 MEETS: JAN 9-MAY 5

3335025 E MW 11:00-11:50
 F 12:10-2:00
 MEETS: JAN 9-MAY 5

ADV AUTOMA MFG PROC TSM 340 3 CREDITS
 Prereq: TSM 216, TSM 240, MATH 151
 Note: COURSE RESTRICTED TO I TEC MAJORS ONLY

4522005 A MW 9:00-9:50
 R 1:10-3:00
 MEETS: JAN 9-MAY 5

4522010 B MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 9-MAY 5

4522015 C MW 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 9-MAY 5

4522020 D MW 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 9-MAY 5

4522025 E MW 9:00-9:50
 F 8:00-9:50
 MEETS: JAN 9-MAY 5

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 9-MAY 5

6831010 B TR 8:00-9:20
 W 12:10-3:00
 MEETS: JAN 9-MAY 5

6831015 C TR 8:00-9:20
 W 3:10-6:00PM
 MEETS: JAN 9-MAY 5

OCCUPATIONAL SAFETY TSM 370 3 CREDITS
 Prereq: TSM 270, JUNIOR STANDING

7282005 ARRANGED
 MEETS: JAN 9-MAY 5

Note: Course delivery is WWW

7282605 XF ARRANGED KEREN N
 MEETS: JAN 9-MAY 5

Note: CONTACT GP IDEA COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Course delivery is WWW
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

7282600 XH ARRANGED KEREN N
 MEETS: JAN 9-MAY 5

Note: CONTACT GP IDEA COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

OCCUPATIONAL SAFETY TSM 370 3 CREDITS
 7282610 XW ARRANGED KEREN N
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

OCCUPAT SAFETY MGMT TSM 371 2 CREDITS
 5626005 A T 11:00-11:50
 ARRANGED
 MEETS: JAN 9-MAY 5
 5626605 XF ARRANGED BELL S
 MEETS: JAN 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 Course delivery is WWW
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agonline.iastate.edu
 /resources/computer-requirements

5626600 XW ARRANGED BELL S
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

TOPC TEC:MACHIN MGT TSM 393J 1- 4 CREDITS
 5654600 XG ARRANGED
 MEETS: JAN 9-MAY 5
 Note: CONTACT GP IDEA COORDINATOR TO ENROLL:
 AGONLINESERVICES@IASTATE.EDU, 800-747-4478.
 SECTION XG OFFERED FOR 3.0 CREDITS.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.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 9-MAY 5

TECHNOL CAPSTONE II TSM 416 5 CREDITS
 Prereq: TSM 415
 Note: COURSE RESTRICTED TO AST, I TEC SENIORS ONLY
 7031005 A F 10:00-11:50
 ARRANGED
 MEETS: JAN 9-MAY 5

CELLULR LEAN MFG SY TSM 440 3 CREDITS
 Prereq: TSM 310
 Note: COURSE RESTRICTED TO I TEC MAJORS ONLY.
 4536005 MW 12:10-2:00
 MEETS: JAN 9-MAY 5

MATERLS FOR TECHNOL TSM 443 3 CREDITS
 Prereq: PHYS 111, MATH 145 OR MATH 151
 6985005 A MW 1:10-2:00
 T 12:40-2:30
 MEETS: JAN 9-MAY 5
 6985010 B MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 9-MAY 5

FACILITY PLANNING TSM 444 3 CREDITS
 Prereq: TSM 216 AND TSM 240; STAT 101 OR STAT 104
 4527005 TR 2:10-3:25
 MEETS: JAN 9-MAY 5
 Note: Materials and professional support fee \$25.00

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 1:10-3:00
 MEETS: JAN 9-MAY 5
 7973010 B TR 11:00-11:50
 T 3:10-5:00
 MEETS: JAN 9-MAY 5
 7973015 C TR 11:00-11:50
 W 9:00-10:50
 MEETS: JAN 9-MAY 5
 7973020 D TR 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 9-MAY 5

AUTOMATION SYSTEMS TSM 465 3 CREDITS
 7973025 E TR 11:00-11:50
 R 12:10-2:00
 MEETS: JAN 9-MAY 5
 7973030 F TR 11:00-11:50
 R 2:10-4:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 Cmptr reqmt: http://www.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 9-MAY 5

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

THEATRE (CONTINUED)

TECHNOLOGY INTERNSHP TSM 697 R CREDIT
 Prereq: PERMISSION OF MAJOR PROFESSOR AND
 APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION
 Satisfactory-Fail Only.
 4646005 ARRANGED
 MEETS: JAN 9-MAY 5

DOCTORAL TECH COMM TSM 698 1 CREDIT
 Satisfactory-Fail Only.
 1926005 ARRANGED
 MEETS: JAN 9-MAY 5

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 COX J
 MEETS: JAN 9-MAY 5
 6729010 B MWF 9:00-9:50 COX J
 MEETS: JAN 9-MAY 5

THEATRE AND SOCIETY THTRE 110 3 CREDITS
 1103005 TR 9:30-10:50 SCHAEFER K
 MEETS: JAN 9-MAY 5

CONCERT&THTRE DANCE THTRE 224 .5- 2 CREDITS
 Prereq: BY ADDITION ONLY
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 6731005 1 ARRANGED BAKER J
 MEETS: JAN 9-MAY 5
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY
 6731010 2 ARRANGED BAKER J
 MEETS: JAN 9-MAY 5
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
 6731015 3 ARRANGED BAKER J
 MEETS: JAN 9-MAY 5
 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 TRENBERTH J
 ARRANGED TRENBERTH J
 MEETS: JAN 9-MAY 5

ACTING I THTRE 251 3 CREDITS
 6733005 A MWF 11:00-11:50
 MEETS: JAN 9-MAY 5
 6733010 B TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 6733015 C MWF 10:00-10:50
 MEETS: JAN 9-MAY 5

INTR THEATRICAL PROD THTRE 255 4 CREDITS
 6734005 A MWF 1:10-2:00 SUNDERMAN R
 M 2:10-5:00 SUNDERMAN R
 MEETS: JAN 9-MAY 5
 6734010 B MWF 1:10-2:00 SUNDERMAN R
 W 2:10-5:00 SUNDERMAN R
 MEETS: JAN 9-MAY 5
 6734015 C MWF 1:10-2:00 SUNDERMAN R
 R 2:10-5:00 SUNDERMAN R
 MEETS: JAN 9-MAY 5
 6734020 D MWF 1:10-2:00 SUNDERMAN R
 F 2:10-5:00 SUNDERMAN R
 MEETS: JAN 9-MAY 5

SCRIPT ANALYSIS THTRE 263 3 CREDITS
 6763005 TR 9:30-10:50 DELL B
 MEETS: JAN 9-MAY 5

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
 MEETS: JAN 9-MAY 5
 Note: SEC A1 RESTRICTED TO ENGL MAJORS ONLY
 6736010 A2 TR 11:00-12:20
 MEETS: JAN 9-MAY 5
 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 PETEFISH-SCHRAG
 MEETS: JAN 9-MAY 5
 6737010 2 TR 9:30-10:50 PETEFISH-SCHRAG
 MEETS: JAN 9-MAY 5

MUSICAL THEATRE II THTRE 355 3 CREDITS
 Prereq: THTRE 354
 3132005 TR 2:10-3:30, ARRANGED DELL B
 MEETS: JAN 9-MAY 5

STAGECRAFT THTRE 360 4 CREDITS
 Prereq: THTRE 255
 6742005 TR 9:30-10:50 SUNDERMAN R
 ARRANGED SUNDERMAN R
 MEETS: JAN 9-MAY 5

WKSP:COSTUME DESIGN THTRE 393A 3 CREDITS
 Prereq: THTRE 365
 3626005 TR 11:00-12:20 SCHAEFER K
 MEETS: JAN 9-MAY 5

WRKSP:SCENIC DESIGN THTRE 393B 3 CREDITS
 Prereq: THTRE 365
 3627005 MWF 10:00-10:50 SUNDERMAN R
 MEETS: JAN 9-MAY 5

DIRECTING II THTRE 456 3 CREDITS
 Prereq: THTRE 455
 1116005 MW 2:10-3:30 DELL B
 MEETS: JAN 9-MAY 5

HIST OF THEATRE II THTRE 466 3 CREDITS
 Prereq: THTRE 465
 6749005 TR 12:40-2:00 PETEFISH-SCHRAG
 MEETS: JAN 9-MAY 5

ADV THTRE PRACTICUM THTRE 469 1- 3 CREDITS
 Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN THEATRE, APPROVED WRITTEN
 PROPOSAL, JUNIOR CLASSIFICATION
 Note: NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP THTRE 499 1- 8 CREDITS
 Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED
 APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR
 OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL
 AND 3.00 IN THTRE COURSES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THTRE 590 1- 4 CREDITS
 Prereq: APPROVED WRITTEN PROPOSAL
 Note: Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY

TOXICOLOGY SEMINAR TOX 504 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 7126005 T 4:10-5:00
 MEETS: JAN 9-MAY 5

VETERINARY TOXICOLOGY TOX 526 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9010005 MTR 11:00-11:50
 MEETS: JAN 9-MAY 5

CLIN &DIAGNOS TOXIC TOX 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526
 1231005 ARRANGED
 MEETS: JAN 9-MAY 5

PESTICIDES IN ENVIR TOX 550 2 CREDITS
 Prereq: 9 CREDITS OF BIOLOGICAL SCIENCES
 9666005 A MW 9:00-9:50 COATS J
 MEETS: JAN 9-MAY 5

GENERAL PHARMACOLGY TOX 554 3 CREDITS
 Prereq: B M S 549, B M S 552; BBMB 404, BBMB 405
 Note: MEETS JAN 20-FEB 5 AND MARCH 23-APRIL 15
 4499005 MR 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 9-MAY 5
 4499010 2 MR 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 9-MAY 5

SPECIAL TOPICS TOX 590 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURRNT TOPC TOXICOL TOX 689 R CREDIT
 Satisfactory-Fail Only.
 4280005 ARRANGED
 MEETS: JAN 9-MAY 5

TOXICOLOGY

(CONTINUED)

GRAD RESEARCH ROTAT TOX 697 1-12 CREDITS
 Prereq: ADMISSION TO TOX GRADUATE PROGRAM
 8363005 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

CREATIVE COMPONENT TRANS 599 1- 3 CREDITS
 4160005 1 ARRANGED
 MEETS: JAN 9-MAY 5

SEMINR TRANSP T PLAN TRANS 691 1 CREDIT
 6786005 ARRANGED
 MEETS: JAN 9-MAY 5

RESEARCH TRANS 699 VAR. CREDITS
 6787005 ARRANGED
 MEETS: JAN 9-MAY 5

U.S. LATINO/A STUDIES

INTR U.S. LATINO ST US LS 211 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2890005 1 MWF 10:00-10:50
 MEETS: JAN 9-MAY 5
 2890010 2 MWF 1:10-2:00
 MEETS: JAN 9-MAY 5
 2890600 XW ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

RELIG&US LATINO LIT US LS 342 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3978005 MWF 11:00-11:50 AVALOS H
 MEETS: JAN 9-MAY 5

LATIN AM GOVT & POL US LS 343 3 CREDITS
 5252005 1A MWF 1:10-2:00 SCHMIDT S
 MEETS: JAN 9-MAY 5
 5252010 1B MWF 1:10-2:00 SCHMIDT S
 MEETS: JAN 9-MAY 5

INDEPENDENT STUDY US LS 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 3 CREDITS IN US LS 490 MAY BE
 APPLIED TOWARDS THE U.S. LATINO/A STUDIES CERTIFICATE
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNIVERSITY STUDIES

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 9-MAY 5
 5706010 2 W 1:10-2:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 5727010 2 T 11:00-11:50
 MEETS: JAN 9-MAY 5
 5727020 4 M 10:00-10:50
 MEETS: JAN 9-MAY 5
 5727030 5 W 12:10-1:00
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 5728010 2 W 1:10-2:00
 MEETS: JAN 9-MAY 5

PERSONAL CAREER DEV U ST 104 2 CREDITS
 6243010 2 MW 11:00-11:50 OLSON N
 MEETS: JAN 9-MAY 5
 6243015 3 MW 2:10-3:00 OLSON N
 MEETS: JAN 9-MAY 5
 6243020 4 TR 2:10-3:00 OLSON N
 MEETS: JAN 9-MAY 5
 6243025 5 TR 11:00-11:50
 MEETS: JAN 9-MAY 5

UNIVERSITY STUDIES

(CONTINUED)

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 9-MAY 5
 4173010 2 T 10:00-10:50
 MEETS: JAN 9-MAY 5
 4173015 3 R 10:00-10:50
 MEETS: JAN 9-MAY 5
 4173020 4 W 10:00-10:50
 MEETS: JAN 9-MAY 5

INT'L FIRST YR SMNR U ST 110X 1 CREDIT
 Satisfactory-Fail Only.
 8806005 A M 4:10-5:00
 MEETS: JAN 9-MAY 5
 8806010 B T 4:10-5:00
 MEETS: JAN 9-MAY 5
 8806030 1 W 8:00-8:50
 MEETS: JAN 9-MAY 5
 8806035 2 W 9:00-9:50
 MEETS: JAN 9-MAY 5
 8806040 3 W 3:10-4:00
 MEETS: JAN 9-MAY 5
 8806045 4 W 4:10-5:00
 MEETS: JAN 9-MAY 5
 8806050 5 W 5:10-6:00PM
 MEETS: JAN 9-MAY 5
 8806055 6 R 8:00-8:50
 MEETS: JAN 9-MAY 5
 8806060 7 R 9:00-9:50
 MEETS: JAN 9-MAY 5
 8806065 8 R 3:10-4:00
 MEETS: JAN 9-MAY 5
 8806070 9 R 4:10-5:00
 MEETS: JAN 9-MAY 5
 8806075 10 R 5:10-6:00PM
 MEETS: JAN 9-MAY 5
 8806080 11 W 8:00-8:50
 MEETS: JAN 9-MAY 5
 8806085 12 W 9:00-9:50
 MEETS: JAN 9-MAY 5
 8806090 13 W 3:10-4:00
 MEETS: JAN 9-MAY 5
 8806095 14 W 4:10-5:00
 MEETS: JAN 9-MAY 5
 8806100 15 W 8:00-8:50
 MEETS: JAN 9-MAY 5
 8806105 16 R 8:00-8:50
 MEETS: JAN 9-MAY 5
 8806110 17 R 9:00-9:50
 MEETS: JAN 9-MAY 5
 8806115 18 R 3:10-4:00
 MEETS: JAN 9-MAY 5
 8806120 19 R 4:10-5:00
 MEETS: JAN 9-MAY 5
 8806125 20 R 5:10-6:00PM
 MEETS: JAN 9-MAY 5

MCN:INTRO TO RES II U ST 302 2 CREDITS
 Prereq: U ST 301
 6494005 1 M 6:10-8:00PM
 MEETS: JAN 9-MAY 5

CALM LIFE SKILL SEM U ST 303X 1 CREDIT
 Satisfactory-Fail Only.
 4637005 W 11:00-11:50
 MEETS: JAN 9-MAY 5

LEADERS SMNR I:HIKS U ST 311A 1 CREDIT
 Prereq: 101
 Satisfactory-Fail Only.
 7281005 1 M 4:10-5:00
 MEETS: JAN 9-MAY 5
 Note: SEC 1 FOR HIXSON SCHOLARS ONLY.

LEADERS SMNR I: MVP U ST 311B 1 CREDIT
 Prereq: 101
 Satisfactory-Fail Only.
 8404005 1 W 4:10-5:00
 MEETS: JAN 9-MAY 5

CY AIDE LEADRS SMNR U ST 315 2 CREDITS
 Prereq: SELECTION AS A CYCLONE AIDE OR CYCLONE
 AIDE ADVISER
 Satisfactory-Fail Only.
 5284005 1 TR 8:00-9:20
 MEETS: JAN 9-MAY 5

MCNAIR SR SEMNAR II U ST 402 1 CREDIT
 Prereq: 401
 Satisfactory-Fail Only.
 6495005 1 T 6:10-8:00PM
 MEETS: JAN 9-MAY 5

UNIVERSITY STUDIES (CONTINUED)

INDEPENDENT STUDY U ST 490 VAR. CREDITS
 Prereq: PERMISSION OF THE ASSOCIATE PROVOST
 Note: PERMISSION OF THE CHAIR OF THE INTERNATIONAL
 STUDIES COMMITTEE & ASSOCIATE PROVOST ARE REQUIRED.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

URBAN DESIGN

URBN DSN GLOBL STDO URB D 502 6 CREDITS
 Prereq: GRADUATE STANDING, OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 3863005 MW 8:00-1:00
 MEETS: JAN 9-MAY 5

URBAN DESIGN THEORY URB D 522 3 CREDITS
 Prereq: GRADUATE STANDING, OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 4048005 R 8:00-10:40
 MEETS: JAN 9-MAY 5

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 9-MAY 5

INTR PROD INFRMTICS VDPAM 309 1 CREDIT
 8724005 M 12:10-1:00
 MEETS: JAN 9-MAY 5

INTR PRODUCTION MED VDPAM 310 2 CREDITS
 Prereq: SECOND OR THIRD YEAR CLASSIFICATION IN
 VETERINARY MEDICINE OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED
 SOPHOMORES AND JUNIORS
 8463005 W 1:10-3:00
 MEETS: JAN 9-MAY 5

INTRO ANIML WELFARE VDPAM 312 1 CREDIT
 Prereq: 1ST YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED
 STUDENTS ONLY
 1665005 F 9:00-9:50

CLINICAL FOUNDATNS VDPAM 340 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 4872005 ARRANGED
 MEETS: JAN 9-MAY 5

BOVIN EMBRYO TRNSFR VDPAM 351 2 CREDITS
 Prereq: 2ND OR 3RD YEAR CLASSIFICATION IN V MED
 9310005 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

VET PRAC ENTREPRENR VDPAM 414 2- 3 CREDITS
 7216005 TR 12:10-1:00
 MEETS: JAN 9-MAY 5

BOVIN REPROD EV LAB VDPAM 416 1 CREDIT
 Prereq: 3RD YEAR CLASSIFICATION IN V MED.
 10 STUDENTS PER SECTION.
 5110005 A M 1:10-5:00
 MEETS: JAN 9-MARCH 3
 5110010 B F 1:10-5:00
 MEETS: JAN 9-MARCH 3
 5110015 C M 1:10-5:00
 MEETS: MARCH 6-MAY 5
 5110020 D F 1:10-5:00
 MEETS: MARCH 6-MAY 5

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

PRECP:MXD FD AN MED VDPAM 420A 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 9072005 ARRANGED

PRECP PRD AN MD:MXD VDPAM 420B 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 5207005 ARRANGED

PRECPPT PROD AN:GOVT VDPAM 420C 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 5210005 ARRANGED

PRECP PRD AN MD:POU VDPAM 420P 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED.
 RECOMMENDED: VDPAM 408 OR VDPAM 498.
 Note: NO MORE THAN 6 CREDITS IN VDPAM 420P MAY BE
 APPLIED TOWARD GRADUATION
 9844005 ARRANGED SATO Y
 MEETS: JAN 9-APRIL 5

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

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

GPVEC:SWINE HUSBDRY VDPAM 421Q 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 9792005 ARRANGED
 MEETS: JAN 9-MAY 5

BEEF CATTLE CALVING VDPAM 422 2 CREDITS
 Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATN IN V MED
 4594005 1 ARRANGED

VET TOXICOLOGY VDPAM 426 3 CREDITS
 Prereq: 3RD YEAR CLASSIFICATION IN V MED
 6860005 MTR 11:00-11:50
 MEETS: JAN 9-MAY 5

PRIN OF EPIDEMIOLOGY VDPAM 428 3 CREDITS
 5490005 ARRANGED
 MEETS: JAN 9-MAY 5

BF RECORDS:HERD MGT VDPAM 436B 1 CREDIT
 Prereq: VDPAM 436A; 1ST, 2ND OR 3RD YEAR CLASSIF
 IN VET MED OR PERMISSION OF INSTRUCTOR
 5223005 1 ARRANGED
 MEETS: JAN 9-MAY 5
 5223010 2 ARRANGED
 MEETS: JAN 9-MAY 5
 Note: Instructor permission required.

BF RCRDS:FEEDLT PRD VDPAM 436D 1 CREDIT
 Prereq: VDPAM 436A, VDPAM 436B, VDPAM 436C;
 2ND OR 3RD YEAR CLASSIF IN VET MED OR PERMISSION
 OF INSTRUCTOR
 5280005 ARRANGED
 MEETS: JAN 9-MAY 5

PROD ANM CLINCL MED VDPAM 445 3 CREDITS
 Prereq: 3RD-YEAR CLASSIFICATION IN VET MED
 6865005 MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

CLIN EMBRYO TRNSFR VDPAM 451 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4334005 1 MTWRF 8:00-5:00

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

DIAGNOS LAB PRACTCM VDPAM 455 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6827005 MTWRF 1:10-5:00

THERIOGENOL:FD ANIM VDPAM 471 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN V MED
 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 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2016
 Permission of instructor required. Process approved add slip in 2270A Vet Med.
 6909005 MTWRFS 8:00-5:00

SWI PROD MED PRECEP VDPAM 479 1- 6 CREDITS
 Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE
 5454005 ARRANGED

SWINE PRODUCTN MED VDPAM 480 2 CREDITS
 Prereq: VDPAM 310; 4TH YEAR CLASSIFICATN IN V MED OR PERMISSION OF INSTRUCTOR
 5572005 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 MTWRF 8:00-5:00

BF PROD MED PRECPTR VDPAM 482 1- 6 CREDITS
 Prereq: VDPAM 310; 4TH YEAR CLASSIFICATN IN V MED
 4331005 ARRANGED
 MEETS: JAN 9-MAY 5

APP DAIRY PRODU MED VDPAM 485 1- 6 CREDITS
 Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATN IN V MED
 5431005 ARRANGED
 MEETS: JAN 9-MAY 5

INTR SM RUM PROD MD VDPAM 486 1 CREDIT
 Prereq: 3RD YEAR CLASSIFICATION IN V MED OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS IN VET MED COLLEGE. SOPHOMORES REQUIRE PERMISSION OF INSTRUCTOR.
 4549005 1 W 12:10-1:00
 MEETS: JAN 9-MAY 5

CLINIC MICROBIO LAB VDPAM 488 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN V MED
 6950005 MTWRF 8:30-11:20
 MEETS: JAN 9-MAY 5

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 9-MARCH 3

INDEPENDENT STUDY VDPAM 490 1- 5 CREDITS
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV DAIRY PRODU MED VDPAM 494 2 CREDITS
 Prereq: VDPAM 484 OR PERMISSION OF INSTRUCTOR
 1372005 MTWRF 8:00-5:00

ADV SM RUMN PROD MD VDPAM 495 2 CREDITS
 Prereq: VDPAM 486, FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE, OR PERMISSION OF INSTRUCTOR
 9309005 MTWRF 8:00-5:00

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS
 Prereq: 2ND, 3RD OR 4TH YR CLASSIFICATN IN V MED
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED SOPH AND ABOVE.
 Satisfactory-Fail Only.
 7848005 ARRANGED
 MEETS: JAN 9-MAY 5

CLINCL DECISN MAKNG VDPAM 507 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5439005 ARRANGED
 MEETS: JAN 9-MAY 5

VET PRAC ENTREPRENR VDPAM 514 2- 3 CREDITS
 Prereq: GRADUATE VETERINARIAN OR DVM-DUAL GRADUATE DEGREE CANDIDATE
 8890005 TR 12:10-1:00
 ARRANGED
 MEETS: JAN 9-MAY 5

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 9-MAY 5

PRIN OF EPIDEMIOLOGY VDPAM 528 3 CREDITS
 6895008 ARRANGED
 MEETS: JAN 9-MAY 5

INTRO DNA TECHNIQS VDPAM 542A 1 CREDIT
 Satisfactory-Fail Only.
 7389005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 10-FEB 9

INTR PROTEIN TECHNQ VDPAM 542B 1 CREDIT
 Satisfactory-Fail Only.
 6861005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 14-MARCH 23
 NOTT J
 NOTT J

INTRO CELL TECHNIQS VDPAM 542C 1 CREDIT
 Satisfactory-Fail Only.
 7400005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 28-APRIL 27

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526
 7676005 ARRANGED
 MEETS: JAN 9-MAY 5

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 MTWRF 8:00-5:00

SPECIAL TOPICS VDPAM 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP VDPAM 596 1-12 CREDITS
 Prereq: ADMISSION TO GRADUATE COLLEGE
 Satisfactory-Fail Only.
 7868005 ARRANGED
 MEETS: JAN 9-MAY 5

CREATIVE COMPONENT VDPAM 599 VAR. CREDITS
 Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SWINE PROD MED VDPAM 655 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6946005 ARRANGED
 MEETS: JAN 9-MAY 5

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 CARNEVALE J
 MEETS: JAN 9-MAY 5

VET IN SOCIETY V V C S 315 1 CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
 7785005 1 RF 8:00-5:00 BAGLEY R
 MEETS: JAN 9-MAY 5

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 BOOTH L
 3831010 2 W 3:10-5:00 BOOTH L

SMALL ANIML SURGERY V C S 395 2 CREDITS
 Prereq: 394
 3873005 TR 8:00-8:50 KRAUS K

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY CLINICAL SCIENCES (CONTINUED)

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 KRAUS B
MEETS: JAN 9-MAY 5

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 MED
Note: COURSE RESTRICTED TO COLLEGE OF VET MED JR
6874105 2 R 2:10-5:00 ZAFFARANO B
MEETS: JAN 9-MAY 5

ONCOLOGY V C S 409 2- 4 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE OFFERED FOR 2 CREDITS SPRING 2016
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 BAGLEY R
MEETS: JAN 9-MARCH 3

PRECEPTOR COMPAN/EQ V C S 419 2- 6 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE
1664005 ARRANGED NOXON J
Note: Permission of instructor required. Process
Approved add slip in 2270A Vet Med.

PRACTICUM V C S 420 R CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED,
PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
4548005 ARRANGED NOXON J
MEETS: JAN 9-MAY 5

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 CARNEVALE J
MEETS: JAN 9-MAY 5

INTRO TO CLINICS V C S 440 R CREDIT
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
Note: MUST BE CONCURRENTLY ENROLLED IN SAME SECTION
LETTER OF V C S 447, 449
Instructor permission required 1st week.
6880005 ARRANGED NOXON J

CANINE REHABILITATN V C S 441 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE OFFERED FOR 2 CREDITS SPRING 2016
9232005 MTWRF 8:00-5:00 BUTLER-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 KERSH K
MEETS: JAN 9-MARCH 3

CLINICAL NEUROLOGY V C S 446 2 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
5112005 MTWRF 8:00-5:00

DIAGNO IMAG&RADIOBI V C S 448 3 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
6886005 1 TR 10:00-10:50 RIEDESEL E
T 1:10-3:00 RIEDESEL E
6886010 2 TR 10:00-10:50 RIEDESEL E
T 3:10-5:00 RIEDESEL E

ADV SURG NEU H SOCI V C S 451A 2 CREDITS
Prereq: 449
5369005 1 W 11:00-11:50 CARNEVALE J
M 1:10-5:00 CARNEVALE J
MEETS: MARCH 6-MAY 5

ADV TRADIT SURG LAB V C S 451B 2 CREDITS
Prereq: 449
7005005 1 W 11:00-11:50 CARNEVALE J
M 1:10-5:00 CARNEVALE J
MEETS: JAN 9-MARCH 3
7005010 2 W 11:00-11:50 CARNEVALE J
F 1:10-5:00 CARNEVALE J
MEETS: JAN 9-MARCH 3
7005015 3 W 11:00-11:50 CARNEVALE J
M 1:10-5:00 CARNEVALE J
MEETS: MARCH 6-MAY 5

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 JERGENS A

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 CARNEVALE J
Note: OMAHA

SM AN OVERPOPU D.M. V C S 459B 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4107005 MTWRF 8:00-5:00 CARNEVALE J
Note: DES MOINES

SM AN OVERPOPU K.C. V C S 459C 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4313005 ARRANGED CARNEVALE J
Note: KANSAS CITY

RADIOLOGY V C S 460 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6896005 MTWRF 8:00-5:00 MILES K

PRIMARY CARE V C S 463 2 CREDITS
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED
2322005 MTWRF 8:00-5:00 KIBBEL B

EQUINE FIELD SERVIC V C S 464 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4247005 MTWRF 8:00-5:00 HOWARD J

FARRIER V C S 465 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
7756005 MTWRF 8:00-5:00 AUCK S

VET ANESTHESIOLOGY V C S 466 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6898005 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 9-MAY 5

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;
COMPLETION OF V C S 460 RADIOLOGY IS REQUIRED
Note: Permission of instructor required. Process
approved add slip in 2270A Vet Med.
***** SEE DEPT FOR REFERENCE NUMBERS

CMPARTV ANIM REPROD V C S 471C 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE REPRODUCTION V C S 471E 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
***** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM REPRODUCTN V C S 471S 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY CLINICAL SCIENCES (CONTINUED)

SML ANIM SURG ORTHO V C S 4730 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML AN SURG SOF TIS V C S 473S 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET CARDIOLGY ROTAT V C S 475 2 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN V MED
 Note: OFFERED FOR 2 CREDITS SPRING 2016
 Department permission required.
 9128005 MTWRF 8:00-5:00 WARE W
 MEETS: JAN 9-MAY 5

EQUINE ANESTHESIOLOGY V C S 476E 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SM ANIML ANESTHESIO V C S 476S 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE CARE V C S 478 VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 9816005 MTWRF 8:00-5:00 CURTIS M
 MEETS: JAN 9-MAY 5

VETERINRY DENTISTRY V C S 480 1 CREDIT
 Prereq: THIRD OR FOURTH-YR CLASSIFICATN IN V MED
 2247005 ARRANGED MULHERIN B
 MEETS: JAN 9-MAY 5
 Note: Course delivery is WWW

ADV EQUINE DENTISTR V C S 481 2 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN V MED
 8330005 MTWRFS 8:00-5:00 HOWARD J
 MEETS: JAN 9-MAY 5

VET DENTST&ORAL SRG V C S 482X 2 CREDITS
 4602005 MTWRF 8:00-5:00 MULHERIN B
 MEETS: JAN 9-MAY 5

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 RNDS 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

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
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V C S 599 VAR. CREDITS
 Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR V C S 604 1 CREDIT
 6921005 ARRANGED

ADV SPECIAL SURGERY V C S 672 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6926005 ARRANGED

ADVANCED MEDICINE V C S 677 2 CREDITS
 Prereq: V C S 445
 6928005 ARRANGED
 MEETS: JAN 9-MAY 5

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 2:10-3:00 BROWN G
 MEETS: JAN 9-MAY 5

VETERINRY IMMUNOLGY V MPM 380 2 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN V MED
 6941010 WF 11:00-11:50 BROWN G
 MEETS: JAN 9-MAY 5

VETERINARY VIROLOGY V MPM 387 3 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED
 6943010 1 TWR 9:00-9:50 SPONSELLER B
 MEETS: JAN 9-MAY 5

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 9-MAY 5

TOPICS VET HISTORY V MPM 390 1 CREDIT
 7244005 ARRANGED CURRIER R
 MEETS: JAN 9-MAY 5

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 9-MAY 5

INFEC DIS&PREVN MED V MPM 437 3 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 6949005 1 MWF 10:00-10:50 THOEN C
 MEETS: JAN 9-MAY 5

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
 5368008 ARRANGED
 MEETS: JAN 9-MAY 5

ZOONOSES V MPM 536 3 CREDITS
 Prereq: V MPM 386, 387 AND 388 OR EQUIVALENT OR
 PERMISSION OF INSTRUCTOR
 5588005 ARRANGED THOEN C
 MEETS: JAN 9-MAY 5

INTRO DNA TECHNIQS V MPM 542A 1 CREDIT
 Satisfactory-Fail Only.
 9663005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 10-FEB 9

INTRO CELL TECHNIQS V MPM 542C 1 CREDIT
 Satisfactory-Fail Only.
 9669005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 28-APRIL 27

VETERINARY MICROBIOLOGY & PREV MED (CONTINUED)

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 9-MAY 5

ANIMAL VIROLOGY V MPM 587 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7951005 ARRANGED SPONSELLER B
 MEETS: JAN 9-MAY 5

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
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHNSM BACT PATHOG V MPM 625 4 CREDITS
 Prereq: CR IN BIOCHEMISTRY AND MICROBIOLOGY
 6963005 ARRANGED MINION F
 MEETS: JAN 9-MAY 5

PTHGN PERSIST INFEC V MPM 660 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 4256005 ARRANGED JONES D
 MEETS: JAN 9-MAY 5

CURR TOPICS IMMUNOL V MPM 690A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURR TOP INFECT DIS V MPM 690B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMN MOLEC,C,DV BIO V MPM 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2016.
 7082005 M 3:10-5:00
 MEETS: JAN 9-MAY 5

RESEARCH V MPM 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY

ANATOMC PATHOLOGY I V PTH 342 3 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
 7445005 1 M 1:10-2:00 FALES-WILLIAMS A
 R 4:10-5:00 FALES-WILLIAMS A
 W 1:10-3:00 FALES-WILLIAMS A
 MEETS: JAN 9-MAY 5

7445010 2 M 1:10-2:00 FALES-WILLIAMS A
 R 4:10-5:00 FALES-WILLIAMS A
 W 3:10-5:00 FALES-WILLIAMS A
 MEETS: JAN 9-MAY 5

INTRO PARASITOLOGY V PTH 353 3 CREDITS
 Prereq: BIOL 212
 9209005 TR 9:30-10:50 JONES D
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 VIAL A
 MEETS: JAN 9-MAY 5

8991010 2 T 3:10-5:00 VIAL A
 MEETS: JAN 9-MAY 5

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 9-MAY 5

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 MCLELAND S
 S 10:00-11:50 MCLELAND S

VETERINARY PATHOLOGY (CONTINUED)

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 503 3 CREDITS
 8632005 MTR 10:00-10:50 SMITH J
 MEETS: JAN 9-MAY 5

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
 R 4:10-5:00 FALES-WILLIAMS A
 W 1:10-3:00 FALES-WILLIAMS A
 MEETS: JAN 9-MAY 5

7015010 2 M 1:10-2:00 FALES-WILLIAMS A
 R 4:10-5:00 FALES-WILLIAMS A
 W 3:10-5:00 FALES-WILLIAMS A
 MEETS: JAN 9-MAY 5

DIAGN PARASITOL LAB V PTH 548 1- 3 CREDITS
 Prereq: 376 OR 576
 9668005 ARRANGED BREWER M
 MEETS: JAN 9-MAY 5

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT
 Prereq: 457, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 7037005 ARRANGED FLAHERTY H
 MEETS: JAN 9-MAY 5
 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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

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 9-MAY 5

VETERINARY PATHOLOGY (CONTINUED)

DIAG INTERP V PARAS V PTH 606B R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7030005 ARRANGED BREWER M
 MEETS: JAN 9-MAY 5

DIAG INTERP VET TOX V PTH 606C R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 5787005 ARRANGED
 MEETS: JAN 9-MAY 5

DIAG INTERP CLINPTH V PTH 606D R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 9694005 ARRANGED HOSTETTER S
 MEETS: JAN 9-MAY 5

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 9-MAY 5

PTHGN PERSIST INFEC V PTH 660 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7044005 ARRANGED JONES D
 MEETS: JAN 9-MAY 5

CMPTV IMMNL&INF DIS V PTH 661 2 CREDITS
 Prereq: GRADUATE-LEVEL IMMUNOLOGY OR PERMISSION
 OF INSTRUCTOR
 4849005 ARRANGED JONES D
 MEETS: JAN 9-MAY 5

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 RSOUCS WESEP 501 3 CREDITS
 Prereq: GRADUATE STANDING
 9650005 MWF 11:00-11:50
 MEETS: JAN 9-MAY 5

WIND ENRGY RES SMNR WESEP 594 1 CREDIT
 Prereq: GRADUATE STANDING
 9662005 ARRANGED
 MEETS: JAN 9-MAY 5

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 GOEBEL M
 W 2:10-3:00 BESCH D
 MEETS: JAN 9-MARCH 3

2484010 2 M 2:10-3:00 GOEBEL M
 W 2:10-3:00 BESCH D
 MEETS: MARCH 6-MAY 5

2484015 3 M 2:10-3:00 GOEBEL M
 W 3:10-4:00 BESCH D
 MEETS: MARCH 6-MAY 5

2484020 4 M 2:10-3:00 GOEBEL M
 W 9:00-9:50 BESCH D
 MEETS: JAN 9-MARCH 3

2484025 5 M 2:10-3:00 GOEBEL M
 W 9:00-9:50 BESCH D
 MEETS: MARCH 6-MAY 5

INTRO WOMEN'S STUDI W S 201 3 CREDITS
 Note: Meets U.S. diversity reqmt
 7058005 A M 2:10-3:00 SCHAAL M
 WF 9:00-9:50
 MEETS: JAN 9-MAY 5

7058010 B M 2:10-3:00 SCHAAL M
 WF 10:00-10:50
 MEETS: JAN 9-MAY 5

7058015 C M 2:10-3:00 SCHAAL M
 WF 11:00-11:50
 MEETS: JAN 9-MAY 5

7058020 D M 2:10-3:00 SCHAAL M
 WF 12:10-1:00
 MEETS: JAN 9-MAY 5

7058025 E M 2:10-3:00 SCHAAL M
 WF 1:10-2:00
 MEETS: JAN 9-MAY 5

7058030 F M 2:10-3:00 SCHAAL M
 WF 3:10-4:00
 MEETS: JAN 9-MAY 5

7058600 XL ARRANGED STOEHR A
 MEETS: MARCH 6-MAY 5
 Note: Section XL is off campus
 Course delivery is WWW

7058605 XR ARRANGED HAROLDSON R
 MEETS: MARCH 6-MAY 5

WOMEN'S STUDIES (CONTINUED)

INTRO WOMEN'S STUDI W S 201 3 CREDITS
 Note: Section XR is off campus
 Course delivery is WWW
 7058610 XS ARRANGED YAN L
 MEETS: MARCH 6-MAY 5
 Note: Section XS is off campus
 Course delivery is WWW

7058615 XU ARRANGED HOPPER-LOSENICKY
 MEETS: JAN 9-MARCH 3
 Note: Section XU is off campus
 Course delivery is WWW

7058620 XV ARRANGED HAROLDSON R
 MEETS: JAN 9-MARCH 3
 Note: Section XV is off campus
 Course delivery is WWW

7058625 XW ARRANGED YAN L
 MEETS: JAN 9-MARCH 3
 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
 8447005 M 2:10-3:00 SCHAAL M
 WF 2:10-3:00
 MEETS: JAN 9-MAY 5

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 STOEHR A
 MEETS: JAN 9-MAY 5

GNDR&SXL AM POP CUL W S 210X 3 CREDITS
 4584005 TR 12:40-2:00 GOEBEL M
 MEETS: JAN 9-MAY 5

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
 7060600 XV ARRANGED TESHOME Y
 MEETS: MARCH 6-MAY 5
 Note: Section XV is off campus
 Course delivery is WWW

7060605 XW ARRANGED HOPPER-LOSENICKY
 MEETS: JAN 9-MARCH 3
 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 WIRTH D
 MEETS: JAN 9-MAY 5
 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 9:00-9:50 ORAZEM P
 MEETS: JAN 9-MAY 5

GENDER & COMMUNICTN W S 323 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3533005 A MWF 1:10-2:00
 MEETS: JAN 9-MAY 5

3533010 B TR 2:10-3:30
 MEETS: JAN 9-MAY 5

3533015 C TR 12:40-1:55
 MEETS: JAN 9-MAY 5

MEDIA PORTR GNDR&SX W S 325 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: RESTRICTED TO SOPHOMORES AND ABOVE.
 Meets U.S. diversity reqmt
 9115600 XW ARRANGED HOPPER-LOSENICKY
 MEETS: MARCH 6-MAY 5
 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, INDIS, S.
 SOC, P S A, W S.SEC A2,B2 FOR MAJORS OTHER THAN A,
 AG SO, INDIS, SOC, P S A, W S.
 Meets U.S. diversity reqmt
 7061005 A1 MWF 10:00-10:50 POPILLION A
 MEETS: JAN 9-MAY 5

7061010 A2 MWF 10:00-10:50 POPILLION A
 MEETS: JAN 9-MAY 5

7061015 B1 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

7061020 B2 TR 9:30-10:50
 MEETS: JAN 9-MAY 5

WOMEN'S STUDIES

(CONTINUED)

WORLD LANGUAGES AND CULTURES

WOMEN & LEADERSHIP W S 333 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 7481005 1 TR 2:10-3:30 LAWARE M
 MEETS: JAN 9-MAY 5

AM INDIAN WMN WRITE W S 342 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 1520005 MWF 12:10-1:00 COPPOC J
 MEETS: JAN 9-MAY 5

HUMAN REPRODUCTION W S 344 3 CREDITS
 3951005 TR 12:40-1:55
 MEETS: JAN 9-MAY 5

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 9-MAY 5
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 7064010 A2 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 9-MAY 5
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

WOMEN OF COLOR--U.S W S 350 3 CREDITS
 Prereq: 3 CREDITS IN W S OR AF AM
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 2569005 MWF 11:00-11:50 DEMARAY K
 MEETS: JAN 9-MAY 5

HIST OF AMER WOMEN W S 386 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 7068600 XW ARRANGED
 MEETS: JAN 9-MAY 5
 Note: SECTION XW IS RESTRICTED TO SOPHOMORES AND ABOVE.
 Section XW is off campus
 Course delivery is WWW

FMNST RES IN ACTION W S 402 3 CREDITS
 Prereq: 201, 301
 5674005 M 3:10-6:00PM OBERHAUSER A
 MEETS: JAN 9-MAY 5

WOMEN & DEVELOPMENT W S 435 3 CREDITS
 Prereq: 301
 7779005 TR 2:10-3:30 OBERHAUSER A
 MEETS: JAN 9-MAY 5

TOPICS WOMEN'S STDI W S 450 3 CREDITS
 Prereq: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
 Note: Instructor permission required 1st week.
 8910005 TR 9:30-10:50 STOEHR A
 MEETS: JAN 9-MAY 5
 Note: TOPIC: HUMAN TRAFFICKING
 8910600 XW ARRANGED SANDERS C
 MEETS: MARCH 6-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW

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 M 3:10-6:00PM OBERHAUSER A
 MEETS: JAN 9-MAY 5

WOMEN & DEVELOPMENT W S 535 3 CREDITS
 Prereq: 301
 7781005 TR 2:10-3:30 OBERHAUSER A
 MEETS: JAN 9-MAY 5

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 DISSSENT W S 621 3 CREDITS
 Prereq: 620
 9437005 R 5:10-8:00PM
 MEETS: JAN 9-MAY 5

INTRO WORLD LANGUAG WLC 119 3 CREDITS
 Note: Meets international perspectives reqmt
 5865005 1A MWF 9:00-9:50
 MEETS: JAN 9-MAY 5
 Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
 5865010 1B MWF 9:00-9:50
 MEETS: JAN 9-MAY 5

TOP WLD CULTR:SUSTN WLC 370A 3 CREDITS
 Prereq: Meets international perspectives reqmt
 1484005 W 4:10-7:00PM TAOUTEL J
 MEETS: JAN 9-MAY 5

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 9-APRIL 21
 Note: SEC 1 OFFERED FOR 14 CREDITS
 8139010 2 ARRANGED
 MEETS: JAN 23-MAY 5
 Note: SEC 2 OFFERED FOR 12 CREDITS
 8139015 3 ARRANGED
 MEETS: JAN 9-MARCH 3
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.
 8139020 4 ARRANGED
 MEETS: MARCH 6-MAY 5
 Note: SEC 4 OFFERED FOR 8 CREDITS.
 Instructor permission required.

THINK GLOBALLY WLC 491 1 CREDIT
 Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD
 AND/OR INTERNSHIP ABROAD
 Note: TOPIC: EXPERIENCES ABROAD: LEARNING TO
 THINK GLOBALLY
 Satisfactory-Fail Only.
 7493005 1 TR 2:10-3:30
 MEETS: JAN 9-MARCH 3

YOUTH

FOUND YOUTH DEVELPM YTH 501 1 CREDIT
 7298600 XF ARRANGED GILLETTE M
 MEETS: JAN 19-MAY 4
 Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Instructor permission required.
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ADOLESE&THEIR FAMILI YTH 510 3 CREDITS
 7294600 XG ARRANGED
 MEETS: JAN 19-MAY 4
 Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

COMMUNITY YOUTH DEVEL YTH 520 3 CREDITS
 9482600 XF ARRANGED GILLETTE M
 MEETS: JAN 19-MAY 4
 Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

YOUTH IN CULTR CNTX YTH 530 3 CREDITS
 7272600 XG ARRANGED
 MEETS: JAN 19-MAY 4
 Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
 WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
 REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
 PLEASE ADD YOUR NAME TO THE WAITLIST:
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

YOUTH

(CONTINUED)

YTH PRO CNSMRS RSCH YTH 540 3 CREDITS
7258605 XF ARRANGED GILLETTE M

MEETS: JAN 19-MAY 4

Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIDEA Consortium
Section XF is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

7258610 XH ARRANGED GILLETTE M

MEETS: JAN 19-MAY 4

Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIDEA Consortium
Section XH is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

YOUTH POLICY YTH 550 3 CREDITS
7740600 XG ARRANGED

MEETS: JAN 19-MAY 4

Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIDEA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

ADMINIST&PROGRM MGT YTH 580 3 CREDITS
7210600 XG ARRANGED

MEETS: JAN 19-MAY 4

Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIDEA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

PROG DSGN,IMPLEM,EV YTH 585 3 CREDITS
7310600 XG ARRANGED

MEETS: JAN 19-MAY 4

Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIDEA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

YOUTH DEVELOPMENT YTH 634 3 CREDITS
7185600 XG ARRANGED

MEETS: JAN 19-MAY 4

Note: STUDENTS ACCEPTED INTO THE GPIDEA PROGRAM
WILL RECEIVE PRIORITY REGISTRATION. ALL OTHERS MAY
REGISTER AFTER DECEMBER 9TH, IF SEATS ARE AVAILABLE.
PLEASE ADD YOUR NAME TO THE WAITLIST:
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
Tuition Category: GPIDEA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium