

Spring Semester 2018

Classes Begin	January 8
University Holiday	January 15
Spring Break	March 12-16
Final Exams	April 30-May 4
Commencement	May 5 (undergraduate)

Registration Start Dates for Spring 2018

Veterinary Medicine students:	Wednesday, October 18
Graduate students:	Wednesday, October 18-Friday October 20
All seniors:	Thursday, October 19-Wednesday, October 25
Projected juniors:	Thursday, October 26-Wednesday, November 1
Projected sophomores:	Thursday, November 2-Wednesday, November 8
Continuing freshmen:	Thursday, November 9-Thursday, November 16

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 2018 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 4. 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 12. 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 2018

Jan. 1, Mon.	<ul style="list-style-type: none"> • University bills with Spring 2018 tuition and fees charges available on AccessPlus. • University holiday- offices closed 	Feb. 9, 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. 22 count toward total allowable P/NP credits used for graduation. • Last day to file a Designation of Repeated Course form for a first half-semester course that is not an automatic designated repeat.
Jan. 5, 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. 7, 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. 7. 	Feb. 13, Tues.	<ul style="list-style-type: none"> • Last day to change degree audit information for spring.
Jan. 7, Sun	<ul style="list-style-type: none"> • Last day to initiate registration for spring through AccessPlus without a late registration fee. Registration must be completed by 11 p.m. • Last day to cancel registration on AccessPlus for spring to avoid tuition assessment. All courses must be dropped on AccessPlus by 11 p.m. 	Feb. 20, Tues.	<ul style="list-style-type: none"> • Fee payment deadline, spring. Second payment (minimum due).
Jan. 8, 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 2018 available for viewing on the Web at http://classes.iastate.edu/
Jan. 12, 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 2018 are due in the Graduate College, 1137 Pearson Hall. 	Feb. 20, Tues.	<ul style="list-style-type: none"> • Registration Authorization Cards for Summer 2018 and Fall 2018 registration distributed to colleges, if applicable. • Advising period for Summer and Fall 2018 registration begins. • Deadline for submitting approved, new experimental course announcement forms (with all signatures) for Summer 2018 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. • Midterm grade reports due from all departments on WebCT, Blackboard and AccessPlus. • Second half-semester courses begin.
Jan. 13, Sat.	<ul style="list-style-type: none"> • Last day to return textbooks for refund to University Book Store. Exclusions apply. See www.isubookstore.com for details. 	March 1, Thurs.	<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 2018 or Fall 2018 should submit a Graduation Application to the Registrar's Graduation Office, 210 Enrollment Services Center, after registering for final course work. Applications are available from advisers or the Registrar's Graduation Office, 210 Enrollment Services Center, or via www.iastate.edu/~registrar/graduation
Jan. 15, Mon.	<ul style="list-style-type: none"> • University holiday—offices closed, classes recessed. 	March 2, Fri. 2:15 p.m .	<ul style="list-style-type: none"> • 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 2018 are due in the Graduate College, 1137 Pearson Hall.
Jan. 20, Sat.	<ul style="list-style-type: none"> • Fee payment deadline for spring. First payment (minimum due) or payment in full. 	March 5, Mon. March 9, Fri.	<ul style="list-style-type: none"> • Last day to process most schedule changes in a second half-semester course without a fee or to add/drop a second half-semester course without signatures of instructor and adviser. • Last day to drop a second half-semester course without the drop appearing on the permanent record or counting toward the limit of dropped courses. • Last day to change a second half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation. • Seniors graduating Summer 2018 or Fall 2018 should submit a Graduation Application to the Registrar's Graduation Office, 210 Enrollment Services Center, after registering for final course work. Applications are available from advisers or the Registrar's Graduation Office, 210 Enrollment Services Center, or via www.iastate.edu/~registrar/graduation
Jan. 22, 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 12-16, Mon.-Fri.	<ul style="list-style-type: none"> • Spring break, classes recessed.
Jan. 30, Tues.	<ul style="list-style-type: none"> • Fall Semester 2018 Schedule of Classes proof copy due in Registrar's Office, with or without changes 	March 14, Wed	<ul style="list-style-type: none"> • Fall 2018 course offering changes before registration begins (Room Scheduling must approve course limits of 35 and greater).
		March 20, Tues.	<ul style="list-style-type: none"> • Fee payment deadline, spring semester. Final payment due. • Last day for departments to make Summer or

University Calendar Spring 2018

March 19, Mon.	<ul style="list-style-type: none"> • Registration period for Summer 2018 and Fall 2018 begins. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. • First day of assigned Summer 2018 and Fall 2018 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 19, Thurs.	<ul style="list-style-type: none"> • Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review.
March 20, Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2018 and Fall 2018 registration dates for students projected as seniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	April 21, Sat.,	<ul style="list-style-type: none"> • Summer 2018 course enrollment tally by college and year printed for departmental distribution. • Room assignments for Summer 2018 courses displayed in the online Schedule of Classes. • Beginning summer class lists available on AccessPlus.
March 23, Fri.	<ul style="list-style-type: none"> • Last day to add/drop full-semester courses or withdraw without extenuating circumstances. • Last day to change a full-semester course to or from Pass/Not Pass. Courses changed to graded basis after Jan. 23 count toward total allowable P/NP credits used for graduation. • 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 26, Thurs.	<ul style="list-style-type: none"> • End of term textbook buyback begins at University Bookstore.
March 26, Mon.	<ul style="list-style-type: none"> • Preliminary room assignments for Summer 2018 distributed to departments from Room Scheduling. 	April 30, Mon.	<ul style="list-style-type: none"> • University bills with Summer 2018 tuition and fees charges available on AccessPlus
March 27, Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2018 and Fall 2018 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	April 30-May 4, Mon.-Fri.	<ul style="list-style-type: none"> • Final examinations.
April 3, 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 3, Thurs.	<ul style="list-style-type: none"> • Graduate College Commencement: www.iastate.edu/~registrar/graduation • Undergraduate applications for graduation for Summer 2018 and Fall 2018 are due in the Registrar's Graduation Office, 210 Enrollment Services Center. • Spring semester ends. • Graduate College applications for graduation for Summer 2018 are due in the Graduate College, 1137 Pearson Hall.
April 5, Thurs.	<ul style="list-style-type: none"> • Preliminary room assignments for Summer 2018, with changes due back to Room Scheduling from departments. 	May 4, Fri.	<ul style="list-style-type: none"> • Undergraduate Commencement: • Fall 2017 course enrollment tally by college and year downloaded for departmental distribution. www.iastate.edu/~registrar/graduation • Registration Authorization information available for new Fall 2018 freshmen or distributed to Colleges, if applicable.
April 10, Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2018 and Fall 2018 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	May 5, Sat.	<ul style="list-style-type: none"> • Final grades due on WebCT, Blackboard and AccessPlus.
April 13, 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 2018, 12-week and Session I course cancellations due to low enrollment. 	May 7, Mon.	<ul style="list-style-type: none"> • Grade reports available on AccessPlus.
April 18, Mon.	<ul style="list-style-type: none"> • Last day of assigned registration start dates for Summer 2018 and Fall 2018 registration. 	May 9, Fri., 2:15 p.m.	
April 17, Tues.	<ul style="list-style-type: none"> • Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation. • Graduate College last day for final submission of graduate student graduation approval slip. 	May 10, Thurs.	

Resources

Admissions www.admissions.iastate.edu

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

College Student Services Offices

Agriculture and Life Sciences 20 Curtiss 294-2766
 Business 1200 Gerdin 294-8430
 Design 297 College of Design 294-6983
 Engineering 1300 Marston 294-7186
 Graduate College 1137 Pearson 294-4531
 Human Sciences 0131 MacKay 294-6466
 Liberal Arts and Sciences 102 Carrie Chapman Catt Hall 294-1522
 Veterinary Medicine 2540 Veterinary Medicine 294-0772

Financial Aid Office www.financialaid.iastate.edu

General Information 0210 Beardshear 294-2223

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

ISUCard Office 0530 Beardshear 294-2727

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

Certifications 214 Enrollment Services Center 294-1840
 Degree Audits 210 Enrollment Services Center 294-0802
 Fees & Tuition 10 Enrollment Services Center 294-2331
 Graduation 210 Enrollment Services Center 294-9372
 Registrar's Office Information 214 Enrollment Services Center 294-1840
 Registration 10 Enrollment Services Center 294-2331
 Residency Status for Fees & Admission 214 Enrollment Services Center 294-0762 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
294-7186

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, 2.
- 5 Students must pay their fees. Registration is not complete until all fees are paid, including, tuition, room and board and other university charges. Students may view their university bill on AccessPlus. Failure to view their account on AccessPlus will not exempt them from late penalties or from having a hold placed on their registration. If they have questions, call 515-294-7388.

Initiating Registration

The last day to initiate a new registration through AccessPlus registration for Spring 2018 is Sunday, January 7th or the Scheduling & Fees Office in 10 Enrollment Services Center for Spring 2018 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 7 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 2018 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 5; or drop all of your classes through AccessPlus by 11 p.m., Sunday, January 7.

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 8), 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 2018 for Full-term courses:

Withdrawal Date	Student Pays
Jan. 8-12	10%
Jan. 13-22	25%
Jan. 23-29	50%
Jan. 30-Feb.5	75%
After Feb. 5	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 2018 without a late registration fee. Beginning Monday, January 8, 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 Spring 2018, 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 2018 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 5 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 2018.

- An "Application for Graduation" (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, January 25.
- Last day for graduate students to cancel graduation is March 23. 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 13.
- 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 19.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Tuesday, April 17. 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 4 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 2017-2018* 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 2017-2018* 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)

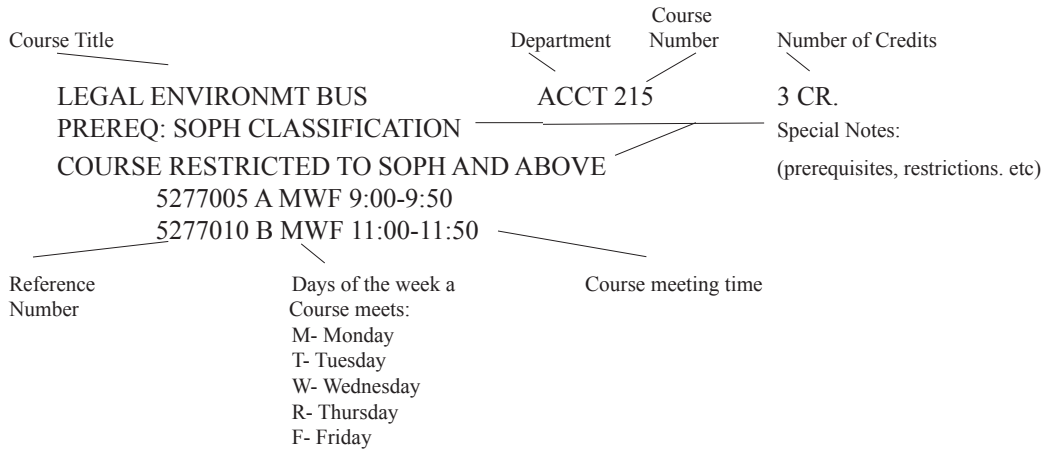
The Iowa State University student identification card (ISUCard) will be made available to students at the time of their first registration. This is a permanent card to be used while attending Iowa State. Loss of their ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where 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 2017-2018* 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 2017-2018* 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 2017-2018* 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 4, 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 2018

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 2017-2018* catalog.

Departmental Test-out Exams

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

CLEP Exams

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

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

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

Tentative Final Exam Schedule

All class work will close on Friday, May 4 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 2018. (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 8-MAY 4
 5277010 B MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 5277015 C MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

FINANCIAL ACCOUNTNG ACCT 284 3 CREDITS
 Prereq: COURSE NOT OPEN TO FIRST TERM FRESHMEN
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
 1110005 A TR 8:00-9:15
 MEETS: JAN 8-MAY 4
 1110010 B TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 1110015 C TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 1110020 D TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 1110025 E TR 3:40-5:00
 MEETS: JAN 8-MAY 4

MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS
 Prereq: ACCT 284
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS.
 1112005 A TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 1112010 B TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 1112015 C MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 1112020 D MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 1112025 E MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 1112030 F MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 1112035 G TR 12:40-1:55
 MEETS: JAN 8-MAY 4
 1112040 J TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 1112045 K MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 1112050 L MWF 3:10-4:00
 MEETS: JAN 8-MAY 4
 1112055 M MW 5:10-6:25PM
 MEETS: JAN 8-MAY 4

THE ACCOUNTNG 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 8-MAY 4
 Note: Course delivery is WWW

BSNSS DATA STRM&ISS ACCT 315X 3 CREDITS
 Prereq: COM S 113
 Note: COURSE RESTRICTED TO ACCT, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRADS ONLY
 4584005 A T 6:40-9:25PM
 MEETS: JAN 8-MAY 4

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 2:10-3:00
 MEETS: JAN 8-MAY 4
 1117010 A2 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 1117015 B1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 1117020 B2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 1117025 C1 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 1117030 C2 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 1123010 A2 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 1123015 B1 TR 8:00-9:15
 MEETS: JAN 8-MAY 4

ACCOUNTING

(CONTINUED)

ACCT INFO SYSTEMS ACCT 384 3 CREDITS
 1123020 B2 TR 8:00-9:15
 MEETS: JAN 8-MAY 4
 1123025 C1 TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 1123030 C2 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

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 2:10-3:25
 MEETS: JAN 8-MAY 4
 1118010 A2 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 1118015 B1 TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 1118020 B2 TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 1118025 C1 TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 1118030 C2 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

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, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY. NOT OPEN TO P BUS OR GRADUATE STUDENTS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 1119005 A1 TR 12:40-1:55
 MEETS: JAN 8-MAY 4
 1119010 A2 TR 12:40-1:55
 MEETS: JAN 8-MAY 4
 1119015 B1 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 1119020 B2 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 1119025 C1 TR 3:40-4:55
 MEETS: JAN 8-MAY 4
 1119030 C2 TR 3:40-4:55
 MEETS: JAN 8-MAY 4

ADV MANAGERIAL ACCT ACCT 483 3 CREDITS
 Prereq: ACCT 383 OR ACCT 581
 Note: COURSE RESTRICTED TO ACCT UNDER GRADUATE MAJORS ONLY.
 8793005 A T 6:40-10:00PM
 MEETS: JAN 9-APRIL 3

ADV ACCT INFO SYSTM ACCT 484 3 CREDITS
 Prereq: ACCT 384
 Note: COURSE RESTRICTED TO ACCT UNDERGRADS ONLY
 9016005 A MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

PRIN FED INCOME TAX ACCT 485 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: COURSE RESTRICTED TO ACCT MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION. Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 1121005 A MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 1121010 B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

VOLUN INCM TAX ASSI ACCT 487 1 CREDIT
 Prereq: ACCT 285 OR ACCT 501
 3365005 A ARRANGED
 MEETS: JAN 8-APRIL 11
 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 BUSINESS MAJORS ONLY. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 1120005 A MWF 3:10-4:00
 MEETS: JAN 8-MAY 4
 1120010 B MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

CORP SOC RSPSB RPTG ACCT 489 3 CREDITS
 Note: COURSE RESTRICTED TO ACCT MAJORS ONLY
 9713005 A W 6:40-10:00PM
 MEETS: JAN 10-APRIL 4

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

ACCOUNTING (CONTINUED)

ACCOUNTING (CONTINUED)

ADV ACCT PROBLEMS ACCT 495 3 CREDITS
 Prereq: ACCT 387
 Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 7148005 A TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 7148010 B TR 8:00-9:15
 MEETS: JAN 8-MAY 4

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 11-APRIL 5

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 8-MAY 4
 1126010 B MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 1126015 C MW 5:10-6:25PM
 MEETS: JAN 8-MAY 4

CAPSTONE IN ACCOUNT ACCT 498 2 CREDITS
 Prereq: ACCT 383, ACCT 384, ACCT 387, CREDIT OR ENROLLMENT IN ACCT 485
 Note: COURSE RESTRICTED TO ACCT SENIORS ONLY.
 4477005 A MW 10:00-10:50
 MEETS: JAN 8-MAY 4
 4477010 B MW 3:10-4:00
 MEETS: JAN 8-MAY 4
 4477015 C MW 4:10-5:00
 MEETS: JAN 8-MAY 4

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

CORP GOVERN&TOP MGT ACCT 582 3 CREDITS
 Prereq: MGMT 503 OR PERMISSION
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1157005 A T 6:40-10:00PM
 MEETS: JAN 9-APRIL 3

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 DENISON C
 MEETS: JAN 9-APRIL 3

ADV ACCT INFO SYSTM ACCT 584 3 CREDITS
 Prereq: ACCT 384
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 9023005 A MWF 1:10-2:00 JANVRIN D
 MEETS: JAN 8-MAY 4

VOLUN INCM TAX ASSI ACCT 587 1 CREDIT
 Prereq: ACCT 285 OR ACCT 501
 1089005 A M 4:10-6:25PM BOOTSMA M
 ARRANGED
 MEETS: JAN 8-APRIL 11

CORP SOC RSPSB RPTG ACCT 589 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1242005 A W 6:40-10:00PM JEFFREY C
 MEETS: JAN 10-APRIL 4

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

BUSINESS VALUATION ACCT 594 3 CREDITS
 Prereq: ACCT 387 OR ACCT 592
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 5967005 A TR 11:00-12:15 CLEM A
 MEETS: JAN 8-MAY 4

ADV ACNTNG PROBLMS ACCT 595 3 CREDITS
 Prereq: ACCT 387
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1011005 A TR 9:30-10:45 WANG Q
 MEETS: JAN 8-MAY 4
 1011010 B TR 8:00-9:15 WANG Q
 MEETS: JAN 8-MAY 4

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 JEFFREY C
 MEETS: JAN 11-APRIL 5

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

ADVERTISING

ADVERTISING PRINCIP ADVRT 230 3 CREDITS
 4667005 1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

STRATEG PLAN AD&P.R ADVRT 301 3 CREDITS
 Prereq: ADVRT 230 OR P R 220
 Note: SEC 1A,2A ETC RESTRICTED TO JL MC, ADVRT, P R
 SEC 1B,2B ETC FOR MAJORS OTHER THAN JL MC, ADVRT, P R
 4439005 1A MW 9:30-10:50
 MEETS: JAN 8-MAY 4
 4439010 1B MW 9:30-10:50
 MEETS: JAN 8-MAY 4
 4439015 2A TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 4439020 2B TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 4439025 3A TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 4439030 3B TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 4439035 4A TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 4439040 4B TR 11:00-12:20
 MEETS: JAN 8-MAY 4

ADVERTSNG CREATIVTY ADVRT 334 3 CREDITS
 Prereq: JL MC 101; C+ OR BETTER IN JL MC 201;
 ADVRT 301 OR P R 301
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS ONLY.
 4669005 1 TR 8:00-9:50
 MEETS: JAN 8-MAY 4
 4669010 2 MW 10:00-11:50
 MEETS: JAN 8-MAY 4
 4669015 3 MW 1:10-3:00
 MEETS: JAN 8-MAY 4

ADVERT MEDIA PLANNG ADVRT 335 3 CREDITS
 Prereq: ADVRT 301 OR P R 301
 4670005 1A MW 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO JL MC, ADVRT, P R MAJORS ONLY
 4670010 1B MW 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT, P R

ADVERT ACCOUNT MGMT ADVRT 336 3 CREDITS
 Prereq: JL MC 110; C+ OR BETTER IN JL MC 201;
 ADVRT 301 OR P R 301
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS ONY
 4440005 1 MW 5:10-6:20PM
 MEETS: JAN 8-MAY 4
 4440010 2 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

PRO SKILL DEVEL:MAP ADVRT 390A 1 CREDIT
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR PERMISSION FOR NONMAJORS
 9707005 1 ARRANGED
 MEETS: JAN 8-MAY 4

ADVERTISING CAMPGNS ADVRT 434 3 CREDITS
 Prereq: C+ OR BETTER IN ADVRT 344 OR ADVRT 336, CLASSIFICATION IN IN ADVRT, JL MC, OR P R MAJOR
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS ONLY
 4685005 1 MW 2:10-3:30
 MEETS: JAN 8-MAY 4

AD PORTFLIO PRACTCM ADVRT 436 3 CREDITS
 Prereq: ADVRT 334, NONMAJORS BY INSTRUCTOR PERMISSION ONLY
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS ONLY
 4443005 1 TR 11:40-1:00
 MEETS: JAN 8-MAY 4

SPL TOPC MAGZN PUBL ADVRT 497C 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9909005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

SPL TOP COMPUT COMM ADVRT 497J 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9906005 A1 MW 4:10-5:50
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R MAJORS ONLY
 9906010 A2 MW 4:10-5:50
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN ADVRT, JL MC, P R

ADVERTISING

(CONTINUED)

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 8-MAY 4

NUM&GRAPHC&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 ALTUKHOVA N
 F 9:00-10:50
 MEETS: JAN 8-MAY 4
 7834010 2 MW 9:00-9:50 ALTUKHOVA N
 F 9:00-10:50
 MEETS: JAN 8-MAY 4
 7834015 3 MW 9:00-9:50 ALTUKHOVA N
 F 9:00-10:50
 MEETS: JAN 8-MAY 4
 7834020 4 MW 11:00-11:50 ALTUKHOVA N
 F 11:00-12:50
 MEETS: JAN 8-MAY 4
 7834025 5 MW 1:10-2:00 ALTUKHOVA N
 F 1:10-3:00
 MEETS: JAN 8-MAY 4

HONOR NUM&GRPH TCNQ AER E 161H 3 CREDITS
 Prereq: MATH 141 OR 142 OR SATISFACTORY SCORES ON
 MATH PLACEMENT EXAM; CR OR ENROLLMENT IN MATH 165,
 PROFICIENCY IN FORTRAN OR C PROGRAMMING LANGUAGES,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 8247005 1 MW 11:00-11:50 ALTUKHOVA N
 F 11:00-12:50
 MEETS: JAN 8-MAY 4
 8247010 2 MW 11:00-11:50 ALTUKHOVA N
 F 11:00-12:50
 MEETS: JAN 8-MAY 4

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

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 8-MAY 4
 2647010 2 F 4:10-5:00
 MEETS: JAN 8-MAY 4

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 9:00-9:50 JOHANNSEN J
 MEETS: JAN 8-MAY 4

AEROSPACE ENGINEERING

(CONTINUED)

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

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

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 8-MAY 4

AERODYN II:CMRPSBL AER E 311 3 CREDITS
 Prereq: AER E 310, M E 231
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY.
 CONCURRENT ENROLLMENT IN AER E 311L REQUIRED
 1179005 1 MWF 11:00-11:50 ROTHMAYER A
 MEETS: JAN 8-MAY 4
 1179010 2 MWF 9:00-9:50 DURBIN P
 MEETS: JAN 8-MAY 4

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 SARKAR P
 MEETS: JAN 8-MAY 4

AEROSPC STRUCTR LAB AER E 322 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN AER E 321
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 9129005 1 M 4:10-5:00 CHIOU C
 R 2:10-4:00
 MEETS: JAN 8-MAY 4
 9129010 2 M 4:10-5:00 CHIOU C
 T 2:10-4:00
 MEETS: JAN 8-MAY 4
 9129015 3 M 4:10-5:00 CHIOU C
 T 12:10-2:00
 MEETS: JAN 8-MAY 4
 9129020 4 M 4:10-5:00 CHIOU C
 R 12:10-2:00
 MEETS: JAN 8-MAY 4

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

AERODYN&PROPULS LAB AER E 344 3 CREDITS
 Prereq: AER E 310. CONCURRENT ENROLLMENT IN
 AER E 311.
 6493005 1 TR 10:00-10:50 HU H
 T 11:00-12:50
 MEETS: JAN 8-MAY 4
 6493010 2 TR 10:00-10:50 HU H
 T 1:10-3:00
 MEETS: JAN 8-MAY 4
 6493015 3 TR 10:00-10:50 HU H
 T 3:10-5:00
 MEETS: JAN 8-MAY 4
 6493020 4 TR 10:00-10:50 HU H
 R 11:00-12:50
 MEETS: JAN 8-MAY 4
 6493025 5 TR 10:00-10:50 HU H
 R 1:10-3:00
 MEETS: JAN 8-MAY 4
 6493030 6 TR 10:00-10:50 HU H
 R 3:10-5:00
 MEETS: JAN 8-MAY 4
 6493035 7 TR 10:00-10:50 HU H
 F 1:10-3:00
 MEETS: JAN 8-MAY 4

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

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 WIE B
 MEETS: JAN 8-MAY 4

AIRCRAFT FLI DYN&CTL AER E 355 3 CREDITS
 Prereq: AER E 261, MATH 267, E M 345
 1056005 1 MWF 2:10-3:00 WIE B
 MEETS: JAN 8-MAY 4

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 ROZIER K
 T 2:10-4:00
 MEETS: JAN 8-MAY 4
 1170010 2 TR 11:00-11:50 ROZIER K
 R 12:10-2:00
 MEETS: JAN 8-MAY 4
 1170015 3 TR 11:00-11:50 ROZIER K
 T 12:10-2:00
 MEETS: JAN 8-MAY 4
 1170020 4 TR 11:00-11:50 ROZIER K
 R 2:10-4:00
 MEETS: JAN 8-MAY 4

AEROSPC SYS INTEGRT AER E 362 3 CREDITS
 Prereq: JUNIOR STANDING IN AER E OR PERMISSION
 OF INSTRUCTOR
 4293005 1 MWF 11:00-11:50 RAYBURN C
 MEETS: JAN 8-MAY 4
 4293010 2 MWF 1:10-2:00 WEI P
 MEETS: JAN 8-MAY 4

INTRO WIND ENERGY AER E 381 3 CREDITS
 Prereq: MATH 166, PHYS 221
 Note: SPRING ONLY
 9100005 1 MWF 2:10-3:00 RAJAGOPALAN R
 MEETS: JAN 8-MAY 4

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

APPLD FORMAL METHDS AER E 407X 3 CREDITS
 Prereq: MATH 166 AND INSTRUCTOR PERMISSION
 9228005 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

AERO VEHIC PROPUL I AER E 411 3 CREDITS
 Prereq: AER E 311, AER E 344
 6028005 1 MWF 2:10-3:00 ROTHMAYER A
 MEETS: JAN 8-MAY 4

AER VEH PROPULSN II AER E 412 3 CREDITS
 Prereq: AER E 311
 1174005 1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

ADV FLIGHT STRUCTRS AER E 421 3 CREDITS
 Prereq: AER E 321, MATH 266 OR 267
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 1176005 1 MW 9:00-9:50 DAYAL V
 F 9:00-10:50
 MEETS: JAN 8-MAY 4
 1176010 2 MW 1:10-2:00
 F 1:10-3:00
 MEETS: JAN 8-MAY 4

COMPOSITE FLT STRUC AER E 423 3 CREDITS
 Prereq: E M 324, MAT E 273
 4615005 1 MW 12:10-1:00 BASTAWROS A
 F 11:00-1:00
 MEETS: JAN 8-MAY 4
 4615010 2 MW 12:10-1:00 BASTAWROS A
 F 3:10-5:00
 MEETS: JAN 8-MAY 4

PENTRAT RADIATN NDE AER E 429X 3 CREDITS
 Prereq: PHYS 222
 9922600 XE ARRANGED MEYENDORF N
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

FLUID DYN TURBOMACH AER E 448 3 CREDITS
 Prereq: AER E 311 OR M E 335
 Note: COURSE RESTRICTED TO AER E & M E MAJORS
 1339005 MWF 11:00-11:50 SHARMA A
 MEETS: JAN 8-MAY 4

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 VOGEL P
 R 1:10-3:00
 MEETS: JAN 8-MAY 4

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 VOGEL P
 TR 11:00-12:50 VOGEL P
 MEETS: JAN 8-MAY 4
 1187010 2 T 2:10-3:00 GONZALEZ-TORRES
 TR 3:10-5:00
 MEETS: JAN 8-MAY 4

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 LEIFSSON L
 MEETS: JAN 8-MAY 4
 9801605 XE ARRANGED LEIFSSON L
 MEETS: JAN 8-MAY 4
 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 CHIMENTI D
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 8778010 B MW 4:10-5:00, ARRANGED
 MEETS: JAN 8-MAY 4

ULTRSNCR NONDESTR EV AER E 480 3 CREDITS
 Prereq: E M 324, MATH 266 OR MATH 267, PHYS 222
 1718005 1 MWF 9:00-9:50 CHIMENTI D
 MEETS: JAN 8-MAY 4

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

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

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

SENIOR PROJECT AER E 499 1- 2 CREDITS
 Prereq: SENIOR CLASSIFICATION, CR OR ENROLLMENT
 IN AER E 491
 4759005 ARRANGED
 MEETS: JAN 8-MAY 4

APPLD FORMAL METHDS AER E 507X 3 CREDITS
 Prereq: MATH 166 AND INSTRUCTOR PERMISSION
 9229005 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

FINITE ELEMENT ANLY AER E 525 3 CREDITS
 Prereq: E M 425, MATH 385
 7252005 MWF 2:10-3:00 HONG W
 MEETS: JAN 8-MAY 4
 7252605 XE ARRANGED HONG W
 MEETS: JAN 8-MAY 4
 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 WARD T
 MEETS: JAN 8-MAY 4

FLU MECH&HEAT TR II AER E 547 3 CREDITS
 Prereq: AER E 546 OR EQUIVALENT
 1213005 MWF 1:10-2:00 RAJAGOPALAN R
 MEETS: JAN 8-MAY 4

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 LEIFSSON L
 MEETS: JAN 8-MAY 4
 9802605 XE ARRANGED LEIFSSON L
 MEETS: JAN 8-MAY 4
 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 JACKMAN J
 MEETS: JAN 8-MAY 4
 8933600 XE ARRANGED JACKMAN J
 MEETS: JAN 8-MAY 4
 Note: THIS SECTION IS RESTRICTED TO ENG M, I E, SYS E,
 IMSE GRADUATE STUDENTS ONLY.
 Section XE is off campus
 Course delivery is WWW
 8933605 XW ARRANGED JACKMAN J
 MEETS: JAN 8-MAY 4
 Note: FOR PERMISSION TO REGISTER, PLEASE E-MAIL
 HOIFELDT@IASTATE.EDU
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW

OPTIMAL CONTROL AER E 574 3 CREDITS
 Prereq: E E 577
 8188005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Section info: <http://http://courses.elo.iastate.edu/aer%20e/574/xe/2014/spring/ove>
 Syllabus: <http://rview//>

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 8-MAY 4

NONLINEAR SYSTEMS AER E 578 3 CREDITS
 Prereq: E E 577
 8191005 MW 4:10-5:30
 MEETS: JAN 8-MAY 4

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ENGINEERG INTERNSHP AER E 697 R CREDIT
 Prereq: PERMISSION OF DOGE, GRADUATE CLASSIFICATN
 Satisfactory-Fail Only.
 8131005 ARRANGED
 MEETS: JAN 8-MAY 4

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
 8310005 A TR 8:00-9:20 ADELEKE R
 MEETS: JAN 8-MAY 4

8310010 B TR 11:00-12:20 ADELEKE R
 MEETS: JAN 8-MAY 4

8310015 C TR 2:10-3:30 DESTINE S
 MEETS: JAN 8-MAY 4

8310020 D TR 9:30-10:50 KUSOW A
 MEETS: JAN 8-MAY 4

8310025 E TR 12:40-1:55 BEGLEY L
 MEETS: JAN 8-MAY 4

8310600 XV ARRANGED BURGASON K
 MEETS: JAN 8-MAY 4
 Note: Section XV is off campus
 Course delivery is WWW

8310605 XW ARRANGED BEGLEY L
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

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
 8638605 XW ARRANGED KUSOW A
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

AFRICAN AND AFRICAN AMERICAN STUDIES (CONTINUED)

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 DESTINE S
 MEETS: JAN 8-MAY 4

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 12:40-2:00 ADELEKE R
 MEETS: JAN 8-MAY 4

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 8-MAY 4

AGRICULTURAL AND BIOSYSTEMS ENGINEERING

EXPERNC AG&BIO ENGR A B E 110 1 CREDIT
 1001005 A T 10:00-11:50
 MEETS: JAN 8-MAY 4
 1001010 B R 10:00-11:50
 MEETS: JAN 8-MAY 4
 1001015 C R 2:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

ENG GRPHC&INTRO DSN A B E 170 3 CREDITS
 Prereq: SATISFACTORY SCORES IN MATH PLACEMENT
 ASSESSMENTS; CREDIT OR ENROLLMENT IN MATH 142
 6705005 MW 12:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MARCH 2

PROJ MGT&DESIGN ABE A B E 218 2 CREDITS
 Prereq: A B E 216
 1067005 A T 11:00-12:15
 R 12:40-2:30
 MEETS: JAN 8-MAY 4
 1067010 B T 11:00-12:15
 T 12:40-2:30
 MEETS: JAN 8-MAY 4
 1067015 C T 11:00-12:15
 T 3:10-5:00
 MEETS: JAN 8-MAY 4
 1067020 D T 11:00-12:15
 W 2:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MARCH 2
 Note: SEC A RESTRICTED A E, BSE MAJORS ONLY
 9153010 B M 9:00-9:50
 W 8:00-9:50
 MEETS: JAN 8-MARCH 2
 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 5-MAY 4
 Note: SEC A RESTRICTED A E, BSE MAJORS ONLY
 2650010 B M 9:00-9:50
 W 8:00-9:50
 MEETS: MARCH 5-MAY 4
 Note: SEC B RESTRICTED TO AST & I TEC MAJORS
 ONLY.

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

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

APPLD NUMRCL METHDS A B E 316 3 CREDITS
 Prereq: A B E 160, MATH 266
 8355005 MW 8:00-9:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 1008010 A2 MW 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 8-MAY 4
 1008015 B1 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 1008020 B2 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 8-MAY 4

ELEC POWR&ELECTRONC A B E 363 4 CREDITS
 Prereq: A B E 218
 1019005 A TR 11:00-12:30
 T 3:10-5:00
 MEETS: JAN 8-MAY 4
 1019010 B TR 11:00-12:30
 R 3:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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

ELE SYS INTEGRAT AG A B E 410 3 CREDITS
 Note: COURSE FOR UNDERGRADUATES ONLY
 6795005 A MW 3:10-5:00
 MEETS: JAN 8-MAY 4

AG&BIOSY ENGR DSN I A B E 415 2 CREDITS
 Prereq: A B E 316, CLASSIFICATION IN A
 DEPARTMENT MAJOR
 Note: COURSE RESTRICTED TO A E, BSE MAJORS ONLY
 8253005 R 10:00-10:50
 ARRANGED
 MEETS: JAN 8-MAY 4

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 W 12:10-1:00, ARRANGED
 MEETS: JAN 8-MAY 4

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 F 8:00-9:50
 MEETS: JAN 8-MARCH 2

SOIL&WTR MONITR SYS A B E 436 3 CREDITS
 Prereq: A B E 431 OR PERMISSION OF INSTRUCTOR
 2582005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

FOOD&BIOPROCES ENGR A B E 451 3 CREDITS
 Prereq: A B E 216, AND CREDIT OR ENROLLMENT
 IN M E 436 OR CREDIT OR ENROLLMENT IN CH E 357;
 OR FS HN 351, AND MATH 266 OR MATH 267
 5188005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 1371010 B MW 10:00-10:50
 T 3:10-6:00PM
 MEETS: JAN 8-MAY 4

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

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 8-MAY 4

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 8-MAY 4

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

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

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

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

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

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

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

ELE SYS INTEGRAT AG A B E 510 3 CREDITS
 Prereq: A E 363 OR EQUIVALENT
 6820005 A MW 3:10-5:00
 MEETS: JAN 8-MAY 4
 Note: Materials and professional support fee \$40.00

SOIL&WTR MONITR SYS A B E 536 3 CREDITS
 Prereq: A B E 431 OR A B E 531
 2601005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

FOOD&BIOPROCES ENGR A B E 551 3 CREDITS
 Prereq: A B E 216, AND CREDIT OR ENROLLMENT IN M E 436 OR CREDIT OR ENROLLMENT IN CH E 357; OR FS HN 351, AND MATH 266 OR MATH 267
 5194005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 1035010 B MW 10:00-10:50
 T 3:10-6:00PM
 MEETS: JAN 8-MAY 4

ENVIR MODIF SY ANIM A B E 572 3 CREDITS
 Prereq: A B E 216, M E 231
 1036005 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

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 8-MAY 4

CREATIVE COMPONENT A B E 599 VAR. CREDITS
 1044005 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

ENGINEERG INTERNSHP A B E 697 R CREDIT
 Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF Satisfactory-Fail Only.
 1700005 ARRANGED
 MEETS: JAN 8-MAY 4

DOCTORAL TECH COMM A B E 698 1 CREDIT
 Satisfactory-Fail Only.
 8333005 ARRANGED
 MEETS: JAN 8-MAY 4

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 CLAWSON B
 MEETS: JAN 8-MARCH 2

AG BIOTECHN COLLOQ AGEDS 112 1 CREDIT
 Prereq: ENROLLMENT AS AN AG EXCELLENCE SCHOLAR
 1303005 T 1:10-2:00 BEITZ D
 MEETS: JAN 8-MAY 4

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
 Prereq: AGEDS 110
 Note: COURSE RESTRICTED TO AGLSE MAJORS ONLY
 7586005 1 ARRANGED SMALLLEY S
 MEETS: JAN 8-MAY 4

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
 Prereq: AGEDS 110
 Note: COURSE RESTRICTED TO AGLSE, AG ST MAJORS ONLY
 7603005 1 ARRANGED DOBBELS N
 MEETS: JAN 8-MAY 4

CAREER SEMINAR AGEDS 215 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 1385005 1 MW 1:10-2:00 HANSON V
 MEETS: JAN 8-MARCH 2
 Note: SECTION 1 RESTRICTED TO AGLSE MAJORS ONLY. OTHERS BY PERMISSION OF INSTRUCTOR.
 1385010 2 MW 1:10-2:00 CHAMBERLAIN B
 MEETS: MARCH 5-MAY 4

FOUND AG ED PROGRMS AGEDS 310 3 CREDITS
 8790005 TR 9:30-10:50 SMALLLEY S
 MEETS: JAN 8-MAY 4

PRESENTN STRATEGIES AGEDS 311 3 CREDITS
 Note: SEC 1A, 2A ECT RESTRICTED 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 8-MAY 4
 1272010 1B MWF 11:00-11:50 HUNT K
 MEETS: JAN 8-MAY 4
 1272015 2A MWF 9:00-9:50 RINKER S
 MEETS: JAN 8-MAY 4
 1272020 2B MWF 9:00-9:50 RINKER S
 MEETS: JAN 8-MAY 4
 1272025 3A TR 9:30-10:50 PUDENZ J
 MEETS: JAN 8-MAY 4
 1272030 3B TR 9:30-10:50 PUDENZ J
 MEETS: JAN 8-MAY 4
 1272035 4A MWF 10:00-10:50 QU S
 MEETS: JAN 8-MAY 4
 1272040 4B MWF 10:00-10:50 QU S
 MEETS: JAN 8-MAY 4
 1272045 5A MWF 8:00-8:50 QU S
 MEETS: JAN 8-MAY 4
 1272050 5B MWF 8:00-8:50 QU S
 MEETS: JAN 8-MAY 4

SCI WITH PRACTICE AGEDS 312 3 CREDITS
 Prereq: MAJOR IN THE COLLEGE OF AG LS
 8006005 1 T 2:10-3:00, ARRANGED LAMBERT M
 MEETS: JAN 8-MAY 4
 8006010 2 ARRANGED LAMBERT M
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
 1273005 1 T 12:40-2:00, ARRANGED DOLLISSO A
 MEETS: JAN 8-MAY 4
 1273600 XW ARRANGED DOLLISSO A
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 9159010 1B TR 11:00-11:50 HANSON V
 R 1:10-3:00 HANSON V
 MEETS: JAN 8-MAY 4

AG MECHAN APPLCATNS AGEDS 388 3 CREDITS
 6067005 1A M 4:10-6:00PM HAINLINE M
 W 4:10-7:00PM HAINLINE M
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO AG ST, AGLSE
 MAJORS ONLY
 6067010 1B M 4:10-6:00PM HAINLINE M
 W 4:10-7:00PM HAINLINE M
 MEETS: JAN 8-MAY 4
 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 CHAMBERLAIN B
 MEETS: JAN 8-MAY 4
 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
 1278005 1 TR 11:00-11:50 GRUDENS-SCHUCK N
 MEETS: JAN 8-MAY 4

PRE-STDT TCHG EXPER AGEDS 416 1 CREDIT
 Prereq: AGEDS 211, AGEDS 402 AND ADMISSION TO
 TEACHER EDUC PROGRAM. CONCURRENT ENROLLMENT IN
 AGEDS 417 IS REQUIRED.
 1886005 1 ARRANGED SMALLEY S
 MEETS: JAN 8-MAY 4

SUPRV TEACHNG IN AG AGEDS 417 1-16 CREDITS
 Prereq: AGEDS 211, AGEDS 402 & ADMISSION TO
 TEACHER EDUC PROG
 Note: OFFERED FOR 1-16 CREDITS SPRING 2018
 1281005 1 ARRANGED SMALLEY S
 MEETS: JAN 8-MAY 4

FARM MGMT&OPERATION AGEDS 450 3 CREDITS
 Prereq: ECON 235, ECON 230, JUNIOR CLASSIFICATION
 1386005 1 T 1:10-3:00 FRUTCHEY R
 W 1:10-5:00 FRUTCHEY R
 MEETS: JAN 8-MAY 4
 1386010 2 T 1:10-3:00 FRUTCHEY R
 R 1:10-5:00 FRUTCHEY R
 MEETS: JAN 8-MAY 4

AGRICULTURAL LAW AGEDS 451 4 CREDITS
 Prereq: SENIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO SENIORS ONLY
 6798005 1 MWF 10:00-10:50 TIDGREN K
 M 3:10-5:00 TIDGREN K
 MEETS: JAN 8-MAY 4

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

MTHDS TCHG AG MECHN AGEDS 488 3 CREDITS
 5124005 1 M 1:10-3:00 HAINLINE M
 W 1:10-4:00 HAINLINE M
 MEETS: JAN 8-MAY 4

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

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

AG TRAVEL INTERNATL AGEDS 496A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 1516010 TH ARRANGED RETALLICK M
 MEETS: JAN 8-MAY 4
 Note: SEC TH PRE-TRAVEL THIALAND & TIWANAN S18
 OFFERED FOR 3 CREDITS SPRING 2018.
 TRIP EXPENSES PAID BY STUDENT

AGRI TRAVEL DOMESTC AGEDS 496B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7499005 ARRANGED
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

INTR RESEARCH AG ED AGEDS 510 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 6713005 ARRANGED MILLER G
 MEETS: JAN 8-MAY 4
 6713600 XW ARRANGED MILLER G
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

TEACH EDUC PRACTICM AGEDS 517X 2- 6 CREDITS
 Prereq: AGEDS 590B, AGEDS 501, AGEDS 502,
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION
 PROGRAM
 8692005 1 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Professional support, field trips &/or
 travel fee \$500.00

INSTRUCTIONL METHDS AGEDS 520 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 1299005 ARRANGED SMALLEY S
 MEETS: JAN 8-MAY 4
 1299600 XW ARRANGED SMALLEY S
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

INTR LRNG THRY AGED AGEDS 533 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 8005005 ARRANGED LAMBERT M
 MEETS: JAN 8-MAY 4
 8005600 XW ARRANGED LAMBERT M
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW
 Cmpttr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

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

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

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

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

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

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

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

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

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

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

SPL TOP PROGRAM 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 8-MAY 4
 Cmpttr reqmt: <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 8-MAY 4

WORKSHOP EVALUATION AGEDS 593C 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1319005 ARRANGED
 MEETS: JAN 8-MAY 4

ADMINISTRTN WORKSHP AGEDS 593D 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1320005 ARRANGED
 MEETS: JAN 8-MAY 4

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1321005 ARRANGED
 MEETS: JAN 8-MAY 4

WORKSHOP EXTENSION AGEDS 593F 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1322005 ARRANGED
 MEETS: JAN 8-MAY 4

WRKSHP PROGRAM PLAN AGEDS 593G 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1323005 ARRANGED
 MEETS: JAN 8-MAY 4

WKSHP INSTR TECHNOL AGEDS 593H 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1890005 ARRANGED
 MEETS: JAN 8-MAY 4

WKSHP BIOTECHNOLOGY AGEDS 593M 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 6536005 ARRANGED
 MEETS: JAN 8-MAY 4

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

SEMINAR CAREER PLAN AGEDS 615D 1 CREDIT
 Satisfactory-Fail Only.
 2949005 1 ARRANGED RETALLICK M
 MEETS: JAN 8-MARCH 2

SEMINR CNTMPRY ISSU AGEDS 615E 1 CREDIT
 Satisfactory-Fail Only.
 2980005 1 ARRANGED MARTIN R
 MEETS: MARCH 5-MAY 4

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

LEADRS&SUPRVS AG ED AGEDS 625 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 1330005 1 M 2:10-5:00 MARTIN R
 MEETS: JAN 8-MAY 4

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

AGRONOMY

PRO DEVEL:ORIENTATN AGRON 110 1 CREDIT
 Note: OFFERED FOR 1 CREDIT S17
 1390005 ARRANGED
 MEETS: JAN 8-MAY 4

INTR RENEW RESOURCS AGRON 120 3 CREDITS
 1382005 MWF 12:10-1:00 RENTZ M
 MEETS: JAN 8-MAY 4

WORLD WATER RESOURC AGRON 160 3 CREDITS
 Note: Meets international perspectives reqmt
 3243005 MWF 9:00-9:50 FRANZ K
 MEETS: JAN 8-MAY 4

INTRO CROP SCIENCE AGRON 181 3 CREDITS
 1914005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

INTRO SOIL SCIENCE AGRON 182 3 CREDITS
 Prereq: CHEM 163
 1946005 1 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 1946010 2 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4

INTRO WEATHER&CLIMT AGRON 206 3 CREDITS
 1397005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

WEED IDENTIFICATION AGRON 217 1 CREDIT
 Prereq: BIOL 101 OR EQUIVALENT
 7385005 1 R 2:10-5:00
 MEETS: MARCH 5-MAY 4

ORGNC CMPD PLT&SOIL AGRON 259 3 CREDITS
 Prereq: CHEM 163, BIOL 212, MATH 140;
 AGRON 182 OR EQUIVALENT OR AGRON 282 OR EQUIVALENT
 8411005 1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1 FOR MAJORS OTHER THAN AGRON
 8411010 2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 2 FOR MAJORS OTHER THAN AGRON
 8411015 3 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 3 RESTRICTED TO AGRON MAJORS ONLY
 8411020 4 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 4 RESTRICTED TO AGRON MAJORS ONLY

CROP DEVEL,PROD&MGT AGRON 280 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT, AGRON 182 OR
 EQUIVALENT
 1086005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

CROP PHYSIOLOGY AGRON 281 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT
 Note: COURSE RESTRICTED TO AGRON MAJORS ONLY
 1399005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

SOIL CNSRV&LAND USE AGRON 282 3 CREDITS
 Prereq: AGRON 182 OR EQUIVALENT
 Note: CREDIT IN EITHER AGRON 260 OR AGRON 282, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 1544005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

PESTICIDE APPL CERT AGRON 283 2 CREDITS
 1905005 A MW 2:10-3:00
 MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATN AGRON 298 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION COORDINATOR, SOPHOMORE CLASSIFICATION
 1401005 ARRANGED
 MEETS: JAN 8-MAY 4

PROF DEVEL:WORK EXP AGRON 310 R CREDIT
 Satisfactory-Fail Only.
 1389005 ARRANGED
 MEETS: JAN 8-MAY 4

CROP STRUC-FUNC REL AGRON 316 3 CREDITS
 Prereq: BIOL 212 RECOMMENDED
 1406005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

INTERCOLL CROP TEAM AGRON 331 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR. AGRON 330 RECOMMENDED.
 1408005 1 TR 3:10-5:00
 TR 5:10-6:00PM
 MEETS: JAN 8-MARCH 2
 1408010 2 ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: Instructor permission required.

FORAGE CROP MGMT AGRON 334 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT
 1409005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

WORLD FOOD ISSUES AGRON 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1402005 1 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 1402010 2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 1402015 3 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 1402020 4 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 1402025 5 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

SOILS &PLANT GROWTH AGRON 354 3 CREDITS
 Prereq: AGRON 182 OR EQUIVALENT; BIOL 101
 1414005 1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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

ENVIRN SOIL SCIENCE AGRON 360 3 CREDITS
 Prereq: AGRON 182 (OR EQUIVALENT) OR ENSCI 250 OR GEOL 201
 3989005 1 MW 9:00-9:50
 M 1:10-3:00
 MEETS: JAN 8-MAY 4
 3989010 2 MW 9:00-9:50
 W 12:10-2:00
 MEETS: JAN 8-MAY 4
 3989015 3 MW 9:00-9:50
 W 2:10-4:00
 MEETS: JAN 8-MAY 4
 3989020 4 MW 9:00-9:50
 M 3:10-5:00
 MEETS: JAN 8-MAY 4

FLD EXP SOIL DESCRP AGRON 370 1 CREDIT
 Prereq: AGRON 182 OR EQUIVALENT, PERMISSION OF INSTRUCTOR
 1417005 1 R 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.
 1417010 2 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

SYST CROP&SOIL MGMT AGRON 392 3 CREDITS
 Prereq: AGRON 316 AND AGRON 354
 4515005 MW 1:10-2:00
 M 2:10-5:00
 MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATN AGRON 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOPERATIVE EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
 1411005 ARRANGED
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR ENSCA, ENSCS AND GE AT MAJORS ONLY
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

WORLD CLIMATES AGRON 406 3 CREDITS
 Prereq: AGRON 206 OR MTEOR 206
 Note: Meets international perspectives reqmt
 1427005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

MESOSCALE METEORLGY AGRON 407 3 CREDITS
 Prereq: MATH 166, MTEOR 443
 1059005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

PRO DEVELP SR FORUM AGRON 410 1 CREDIT
 Prereq: SENIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
 1428005 A T 2:10-3:00
 MEETS: JAN 8-MAY 4

GIS FOR GEOSCIENTST AGRON 452 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 8577005 MW 4:10-5:00 ZHOU Y
 F 4:10-5:00 ZHOU Y
 MW 5:10-6:00PM
 MEETS: JAN 8-MAY 4

SOIL FORMATN&LANDSC AGRON 463 3 CREDITS
 Prereq: AGRON 182 (OR EQUIVALENT) OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 1435010 1 TR 10:00-10:50
 T 2:10-5:00, ARRANGED
 MEETS: JAN 8-MAY 4

SOIL PHYSICS AGRON 477 3 CREDITS
 Prereq: AGRON 182 OR EQUIVALENT. MATH 166 IS RECOMMENDED.
 3144005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

AGRONOMY WORKSHOP AGRON 493 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6804005 ARRANGED
 MEETS: JAN 8-MAY 4

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

AG INT'L TRAVL TOUR AGRON 496A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 9433800 AR ARRANGED MCDANIEL M
 MEETS: MARCH 9-18
 Note: SEC AR TAUGHT IN ARGENTINA. TOPIC:
 AGRICULTURAL PRODUCTION, BUSINESS AND TRADE IN
 ARGENTINA. SPRING 2018 - TRAVEL MARCH 9-18
 VARIABLE CREDITS 1-2.
 Study Abroad Administrative Fee Applies

AGROECOLOGY FLD CRS AGRON 497 3 CREDITS
 Prereq: JR/SR CLASSIFICATN, 8 CREDITS IN AGRONOMY
 8311005 ARRANGED
 MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATN AGRON 498 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 1416005 ARRANGED
 MEETS: JAN 8-MAY 4

CROP GROWTH &DEVELP AGRON 501 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT, MATH 140,
 CHEM 163, BIOL 101
 6438600 XW ARRANGED WESTGATE M
 MEETS: JAN 8-MAY 4
 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: <https://masters.agron.iastate.edu/home/techrequirements>

CHEM,PHYS&BIOL SOIL AGRON 502 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT, AGRON 182 OR
 EQUIVALENT, BIOL 101, CHEM 163, MATH 140
 6442600 XW ARRANGED DOBILL D
 MEETS: JAN 8-MAY 4
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY 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
 Delivery fee \$200.00
 Cmptr reqmt: <https://masters.agron.iastate.edu/home/techrequirements>

CLIMATE &CROP GRWTH AGRON 503 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT, MATH 140
 Note: CREDIT FOR EITHER AGRON 503 OR AGRON 541, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 6453600 XW ARRANGED KABELA E
 MEETS: JAN 8-MAY 4
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY 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: <https://masters.agron.iastate.edu/home/techrequirements>

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 8-MAY 4

MESOSCALE MTEOROLGY AGRON 507 3 CREDITS
 Prereq: MATH 166 AND MTEOR 454
 5266005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

BIOPHYSCL CROP ECOL AGRON 508 3 CREDITS
 Prereq: AGRON 505
 1443005 MW 11:00-12:30
 MEETS: JAN 8-MAY 4

CROP IMPROVEMENT AGRON 511 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT, MATH 140,
 CHEM 163, BIOL 101
 6455600 XW ARRANGED LEE D
 MEETS: JAN 8-MAY 4
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY 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: <https://masters.agron.iastate.edu/home/techrequirements>

SOIL-PLANT ENVIRONM AGRON 512 3 CREDITS
 Prereq: AGRON 502, AGRON 501 RECOMMENDED.
 6481600 XW ARRANGED KWAU-MENSAH D
 MEETS: JAN 8-MAY 4
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY 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: <https://masters.agron.iastate.edu/home/techrequirements>

QUANTITATIVE METHDS AGRON 513 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT, AGRON 114,
 MATH 140, STAT 104
 6456600 XW ARRANGED HARBUR M
 MEETS: JAN 8-MAY 4
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY AND MS PLANT BREEDING
 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: <https://masters.agron.iastate.edu/home/techrequirements>

INTEGRATED PEST MGT AGRON 514 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT, AGRON 501,
 MATH 140, CHEM 163, BIOL 101. AGRON 502 AND
 AGRON 503 RECOMMENDED.
 6466600 XW ARRANGED CIHA A
 MEETS: JAN 8-MAY 4
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY 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: <https://masters.agron.iastate.edu/home/techrequirements>

CROP PHYSIOLOGY AGRON 516 3 CREDITS
 1444005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

MICROWV REMOTE SENS AGRON 518 3 CREDITS
 Prereq: MATH 265 OR EQUIVALENT
 3075005 TR 11:00-12:30
 MEETS: JAN 8-MAY 4

HERBICIDE PHY&BIOCH AGRON 519 2 CREDITS
 Prereq: AGRON 316 OR EQUIVALENT, AGRON 317
 1446005 ARRANGED
 MEETS: JAN 8-MAY 4

PLANT BREEDG METHDS AGRON 520 3 CREDITS
 Prereq: AGRON 506
 9131005 ARRANGED
 MEETS: JAN 8-MAY 4
 9131600 XW ARRANGED BARB J
 MEETS: JAN 8-MAY 4
 Note: AGRON 506 IS REQUIRED. PERMISSION MAY BE GRANTED
 FOR UNDERGRADUATE STUDENTS WITH JUNIOR OR SENIOR
 STATUS. CONTACT MICHELLE ZANDER MZANDER@IASTATE.EDU
 OR 515-294-7656.
 College permission required.
 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
 MEETS: JAN 8-MAY 4
 9206600 XW ARRANGED LUBBERSTEDT T
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

QNTV GEN PLNT BREED AGRON 528 3 CREDITS
 Prereq: AGRON 506 OR AGRON 513
 1949005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 1949600 XW ARRANGED BEAVIS W
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

STRAT DIVERSFD FARM AGRON 546 3 CREDITS
 Prereq: SUSAG 509
 7440005 ARRANGED
 MEETS: JAN 8-MAY 4

PERENNIAL GRASSES AGRON 551 2 CREDITS
 Prereq: JUNIOR OR SENIOR OR GRAD CLASSIFICATION
 OR PERMISSION OF INSTRUCTOR
 1458005 MW 10:00-10:50
 MEETS: JAN 8-MAY 4

GIS FOR GEOSCIENTST AGRON 552 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 1490005 MW 4:10-5:00 ZHOU Y
 F 4:10-5:00 ZHOU Y
 MW 5:10-6:00PM
 MEETS: JAN 8-MAY 4

SOIL-PLANT RELATION AGRON 553 3 CREDITS
 Prereq: AGRON 354
 1459005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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
 T 2:10-5:00, ARRANGED
 MEETS: JAN 8-MAY 4

SOIL PHYSICS AGRON 577 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 AND MATH 166
 1464005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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

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 8-MAY 4
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS 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: <https://masters.agron.iastate.edu/home/techrequirements>

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 8-MAY 4
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS 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: <https://masters.agron.iastate.edu/home/techrequirements>

CR COMP AG METEOROL AGRON 599A VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1472005 ARRANGED
 MEETS: JAN 8-MAY 4

CR COMP CROP PRD&PH AGRON 599B VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1473005 ARRANGED
 MEETS: JAN 8-MAY 4

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1474005 ARRANGED
 MEETS: JAN 8-MAY 4
 1474010 2 ARRANGED
 MEETS: JAN 8-MAY 4

CRTV COMP SOIL CHEM AGRON 599D VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1475005 ARRANGED
 MEETS: JAN 8-MAY 4

CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1476005 ARRANGED
 MEETS: JAN 8-MAY 4

CRTV COMPN SOIL MGT AGRON 599F VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1477005 ARRANGED
 MEETS: JAN 8-MAY 4

CR COMP SOIL MICROB AGRON 599G VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1478005 ARRANGED
 MEETS: JAN 8-MAY 4

CR COMP SOIL MORPHO AGRON 599H VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1479005 ARRANGED
 MEETS: JAN 8-MAY 4

CR COMP SOIL PHYSCS AGRON 599I VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1480005 ARRANGED
 MEETS: JAN 8-MAY 4

CRTV COMP SEED SCI AGRON 599K VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1639005 ARRANGED
 MEETS: JAN 8-MAY 4

CRTV COMP WEED SCI AGRON 599L VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1649005 ARRANGED
 MEETS: JAN 8-MAY 4

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

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

ADV PLANT BREEDING AGRON 621 3 CREDITS
 Prereq: AGRON 521, AGRON 526, AGRON 561; GEN 410
 1488005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

DIGITL SOIL MAPPING AGRON 665X 3 CREDITS
 TR 12:40-2:00
 9199005 MEETS: JAN 8-MAY 4

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

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

AGRONOMY

(CONTINUED)

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

AIR FORCE AEROSPACE STUDIES

INTR LDRSH LAB&TRNG AFAS 103 2 CREDITS
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Satisfactory-Fail Only.
 7300005 MWR 6:30-7:30
 T 6:30-7:30
 MEETS: JAN 8-MAY 4

FOUND U S AIR FORCE AFAS 142 1 CREDIT
 1261005 A T 9:00-9:50
 MEETS: JAN 8-MAY 4
 1261010 B W 1:10-2:00
 MEETS: JAN 8-MAY 4

BASIC LDRSH LAB&TRN AFAS 203 2 CREDITS
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Satisfactory-Fail Only.
 7317005 MWR 6:30-7:30
 T 6:30-7:30
 MEETS: JAN 8-MAY 4

EVOL USAF AIR POWER AFAS 242 1 CREDIT
 1263005 A W 9:00-9:50
 MEETS: JAN 8-MAY 4
 1263010 B R 9:00-9:50
 MEETS: JAN 8-MAY 4

INTMD LDRSH LAB&TRN AFAS 303 2 CREDITS
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Satisfactory-Fail Only.
 7383005 MWR 6:30-7:30
 T 6:30-7:30
 MEETS: JAN 8-MAY 4

AIR F LDRSHP STU II AFAS 342 3 CREDITS
 Prereq: AFAS 341
 1265005 A TR 2:10-3:30
 MEETS: JAN 8-MAY 4

ADV LDRSHP LAB&TRNG AFAS 403 2 CREDITS
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Satisfactory-Fail Only.
 7388005 MWR 6:30-7:30
 T 6:30-7:30
 MEETS: JAN 8-MAY 4

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

AMERICAN INDIAN STUDIES

INTR AM INDIAN STDI AM IN 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 1506005 A MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 1506010 B MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 1506015 C MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 1506020 D MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 1506025 E TR 12:40-2:00
 MEETS: JAN 8-MAY 4

TOP AM IND:FED PLCY 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 12:10-1:00
 MEETS: JAN 8-MAY 4

TOP AM IND:LAND,WTR AM IN 310F 3 CREDITS
 Prereq: AM IN 210, ANTHR 201, ANTHR 306, OR
 ANTHR 322 RECOMMENDED
 Note: Meets U.S. diversity reqmt
 2150005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

AMERICAN INDIAN LIT AM IN 346 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 1511005 A TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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

AMERICAN SIGN LANGUAGE

AMER SIGN LANGUA II ASL 102 4 CREDITS
 Prereq: ASL 101 OR ASL 105
 Note: Meets U.S. diversity reqmt
 9367005 1 MTWR 9:00-9:50
 MEETS: JAN 8-MAY 4
 9367010 2 MTWR 10:00-10:50
 MEETS: JAN 8-MAY 4
 9367015 3 MW 12:10-2:00
 MEETS: JAN 8-MAY 4

INTM AM SIGN LNG II ASL 202 4 CREDITS
 Prereq: ASL 201 OR EQUIVALENT
 9374005 1 MW 2:10-4:00
 MEETS: JAN 8-MAY 4

TOPICS DEAF CULTURE ASL 275 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9396005 1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 9396010 2 W 5:10-8:00PM
 MEETS: JAN 8-MAY 4

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
 9931005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4 HARRIS M

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 8-MAY 4

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 8-MAY 4
 2722010 2 MW 10:00-10:50 STEWART T
 R 9:00-11:50 STEWART T
 MEETS: JAN 8-MAY 4
 2722015 3 MW 10:00-10:50 STEWART T
 F 10:00-12:50 STEWART T
 MEETS: JAN 8-MAY 4

INTR AQUAT ANIM MED A ECL 401 1 CREDIT
 6184005 1 T 7:10-9:00PM STARLING D
 MEETS: MARCH 5-MAY 4

AQUACULTURE A ECL 442 3 CREDITS
 Prereq: BIOL 211, BIOL 212
 1071005 TR 2:10-3:30 MORRIS J
 MEETS: JAN 8-MAY 4
 Note: Materials, field trips &/or travel fee \$25.00

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 8-MAY 4

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 8-MAY 4

ORNITHOLOGY A ECL 458 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2766005 1 MW 10:00-10:50 DINSMORE S
 MEETS: JAN 8-MAY 4

ORNITHOLOGY LAB A ECL 458L 1 CREDIT
 Prereq: BIOL 351 OR BIOL 365 OR A ECL 365;
 CONCURRENT ENROLLMENT IN A ECL 458 OR BIOL 458 REQ'D
 Note: STUDENTS NEED TO BE CONCURRENTLY ENROLLED IN
 A ECL/BIOL 459 (LAB) OR HAVE PREVIOUSLY TAKEN
 A ECL/BIOL 459 (LAB). STUDENTS CANNOT TAKE THE LAB
 WITHOUT THE LEC.
 9657005 1 T 7:00-9:50 DINSMORE S
 MEETS: JAN 8-MAY 4
 9657010 2 W 7:00-9:50 DINSMORE S
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 9659010 2 W 9:00-11:50 RENTZ M
 MEETS: JAN 8-MAY 4
 9659015 3 R 9:00-11:50 RENTZ M
 MEETS: JAN 8-MAY 4

AVIAN ECOLOGY A ECL 516 3 CREDITS
 Prereq: A ECL 312, A ECL 365, OR GRAD STANDING
 Note: Instructor permission required 1st week.
 8094005 MW 3:10-4:30 DINSMORE S
 MEETS: JAN 8-MAY 4

CONSERVATION BIOLOGY A ECL 531 3 CREDITS
 Prereq: A ECL 312 OR BIOL 312; BIOL 313
 OR GRADUATE STANDING
 1280005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

AQUACULTURE A ECL 542 3 CREDITS
 Prereq: BIOL 211, BIOL 212
 1100005 TR 2:10-3:30 MORRIS J
 MEETS: JAN 8-MAY 4
 Note: Materials, field trips &/or travel fee \$25.00

PRIN WILDLIF DISEAS A ECL 554 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 8934005 1 MWF 11:00-11:50 BLANCHONG J
 MEETS: JAN 8-MAY 4

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

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

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

ANIMAL SCIENCE

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

ORIENTATION IN AN S AN S 110 1 CREDIT
 1518005 1 T 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 8-MAY 4

SURVEY ANIMAL INDUS AN S 114 2 CREDITS
 1519005 1 MW 8:00-8:50
 MEETS: JAN 8-MAY 4

LVSTCK HANDL,SAFE,W AN S 190 2 CREDITS
 Prereq: AN S 101
 2885005 1 M 12:10-3:00
 F 12:10-2:00
 MEETS: MARCH 5-MAY 4
 Note: Instructor permission required.

CAREER PREP AN SCI AN S 210 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION IN AN S
 Note: ALL SECTIONS MUST ATTEND CLASS FIRST WEEK OF THE
 SEMESTER; NO ENROLLMENT AFTER FIRST CLASS MEETING.
 1621005 1 W 3:10-5:00
 MEETS: JAN 8-MAY 4
 1621010 2 W 3:10-5:00
 MEETS: JAN 8-MAY 4

ANIMAL SCIENCE (CONTINUED)

ISSUES FACING AN S AN S 211 1 CREDIT
 Prereq: 114, SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 1542005 1 T 4:10-6:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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

EQUINE SCIENCE AN S 216 3 CREDITS
 Prereq: 101 OR 114; ONE COURSE IN BIOLOGY
 4825005 1 TR 9:00-9:50
 M 12:10-2:00
 MEETS: JAN 8-MAY 4
 4825010 2 TR 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 8-MAY 4
 4825015 3 TR 9:00-9:50
 M 10:00-11:50
 MEETS: JAN 8-MAY 4

EQUINE FARM PRACTCM AN S 217 2 CREDITS
 Prereq: AN S MAJOR, RIDING EXPERIENCE AN S,
 CREDIT OR ENROLLMENT IN AN S 216
 1690005 1 T 9:00-9:50, ARRANGED
 MEETS: JAN 8-MAY 4

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

SWINE SCIENCE AN S 225 3 CREDITS
 Prereq: AN S 114, AN S 101
 Note: SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY
 SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.
 EITHER AN S 225 OR THE AN S 280 AND AN S 280L PAIR
 OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION.
 1725005 1A MF 10:00-10:50
 W 8:00-9:50
 MEETS: JAN 8-MAY 4
 1725010 1B MF 10:00-10:50
 W 8:00-9:50
 MEETS: JAN 8-MAY 4
 1725015 2A MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 8-MAY 4
 1725020 2B MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 8-MAY 4
 1725025 3A MF 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 8-MAY 4
 1725030 3B MF 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 8-MAY 4
 1725035 4A MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 8-MAY 4
 1725040 4B MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 8-MAY 4

BEEF CATTLE SCIENCE AN S 226 3 CREDITS
 Prereq: 114, 101
 Note: SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY
 SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.
 1726005 1A MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 8-MAY 4
 1726010 1B MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 8-MAY 4
 1726015 2A MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 8-MAY 4

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

BEEF CATTLE SCIENCE AN S 226 3 CREDITS
 1726020 2B MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 8-MAY 4
 1726025 3A MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 8-MAY 4
 1726030 3B MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 8-MAY 4
 1726035 4A MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 8-MAY 4
 1726040 4B MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 8-MAY 4

SHEEP SCIENCE AN S 229 3 CREDITS
 Prereq: 114, 101
 1727005 1 MW 11:00-11:50
 M 2:10-4:00
 MEETS: JAN 8-MAY 4
 1727010 2 MW 11:00-11:50
 T 12:10-2:00
 MEETS: JAN 8-MAY 4

FOODS ANIMAL ORIGIN AN S 270 2 CREDITS
 Prereq: BIOL 212, CHEM 163 OR CHEM 177
 1524005 1 TR 8:00-8:50
 MEETS: JAN 8-MAY 4

FOODS ANIM ORIG LAB AN S 270L 1 CREDIT
 Prereq: CREDIT OR CURRENT ENROLLMENT IN AN S 270
 7169005 1 W 10:00-11:50
 MEETS: JAN 8-MAY 4
 7169010 2 W 12:10-2:00
 MEETS: JAN 8-MAY 4
 7169015 3 W 8:00-9:50
 MEETS: JAN 8-MAY 4

ANIMAL NUTRITION AN S 319 3 CREDITS
 Prereq: 214, COURSE IN ORGANIC CHEM OR BIOCHEM
 Note: COURSE RESTRICTED TO AN S, DY S, GENPV MAJORS ONLY
 1529005 1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

ANIML FEEDS&FEEDING AN S 320 3 CREDITS
 Prereq: 319
 1635005 1 MW 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 8-MAY 4
 1635010 2 MW 8:00-8:50
 F 10:00-11:50
 MEETS: JAN 8-MAY 4
 1635015 3 MW 8:00-8:50
 F 12:10-2:00
 MEETS: JAN 8-MAY 4

DOMSTC ANIM REPRODU AN S 331 3 CREDITS
 Prereq: COURSE IN PHYSIOLOGY
 Note: COURSE RESTRICTED TO AN S, DY S, GENPV MAJORS ONLY
 1531005 1 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

ANIM REPROD LAB MTH AN S 332A 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN AN S 331
 1532005 1 W 2:10-5:00
 MEETS: JAN 8-MAY 4

LAB MTH REPRO:EQUIN AN S 332E 1 CREDIT
 2368005 1 M 7:30-9:00
 MEETS: JAN 8-MAY 4

DAIRY CATTLE EVALUA AN S 335 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 1533005 1 TR 4:10-5:00
 TR 2:10-4:00
 MEETS: JAN 8-MAY 4

LACTATION AN S 337 3 CREDITS
 Prereq: 214
 1711005 1 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 1534015 2 MW 9:00-9:50
 T 10:00-11:50
 MEETS: JAN 8-MAY 4
 1534020 3 MW 9:00-9:50
 T 12:10-2:00
 MEETS: JAN 8-MAY 4
 1534025 4 MW 9:00-9:50
 T 2:10-4:00
 MEETS: JAN 8-MAY 4

GENET IMPRV DOM ANI AN S 352 3 CREDITS
 1534030 5 MW 9:00-9:50
 T 2:10-4:00
 MEETS: JAN 8-MAY 4

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR
 1538005 1 ARRANGED
 MEETS: JAN 8-MAY 4

SUPERV'D INTERNSHIP AN S 399B R CREDIT
 Prereq: PERMISSION OF INTERNSHIP COORDINATOR
 2258005 1 ARRANGED
 MEETS: JAN 8-MAY 4

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

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 8-MAY 4
 8779010 2 TR 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 8-MAY 4
 8779015 3 TR 1:10-2:00
 W 10:00-11:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

COMPAN ANIM SYS MGT AN S 424 3 CREDITS
 Prereq: 224, 319, 320, 331, 352
 Note: COURSE RESTRICTED TO AN S, DY S, GENPV MAJORS ONLY
 1803005 1 MW 11:00-11:50
 R 2:10-4:00
 MEETS: JAN 8-MAY 4

BF CATTLE SYSTS MGT AN S 426 3 CREDITS
 Prereq: AN S 226, AN S 270, AN S 319, AN S 320, AN S 331, AN S 352. ECON 230 OR EQUIVALENT IS RECOMMENDED.
 Note: COURSE RESTRICTED TO AN S, DY S, GENPV MAJORS ONLY
 1550005 1 MW 8:00-8:50
 M 10:00-11:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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
 MEETS: JAN 8-MAY 4

PROCESSED MEATS AN S 460 3 CREDITS
 Prereq: 270, 270L
 1555010 1 MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 8-MAY 4
 1555015 2 MW 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

JUDG MEAT ANIM EVAL AN S 475D 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION
 1559005 1 MW 3:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

BEEF INDU LDR FELLW AN S 480A 1 CREDIT
 Prereq: 226, INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 8710005 1 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

PORK INDU LDR FELLW AN S 480C 1 CREDIT
 Prereq: 225, INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 4509005 1 ARRANGED
 MEETS: JAN 8-MAY 4
 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 8-MARCH 2

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
 1539010 NL ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC NL - PRE-TRAVEL TO THE NETHERLANDS
 SUMMER 2018
 Instructor permission required.

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

 SEE DEPT FOR REFERENCE NUMBERS

NON-RUMIN DIGESTIVE AN S 518 3 CREDITS
 Prereq: 419 OR NUTRS 501
 1572005 1 ARRANGED
 MEETS: JAN 8-MAY 4

PHYSL&ENDOCRN REPRO AN S 533 2 CREDITS
 Prereq: GENERAL PHYSIOLOGY COURSE
 1574005 1 ARRANGED
 MEETS: JAN 8-MAY 4

LIVESTK IMMUNOGENET AN S 540 2 CREDITS
 Prereq: 561 OR MICRO 575 OR V MPM 520
 1576005 1 ARRANGED
 MEETS: JAN 8-MAY 4

PROCESSED MEATS AN S 560 3 CREDITS
 Prereq: 270
 1730005 1 MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 8-MAY 4
 1730010 2 MW 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 8-MAY 4

ADV PROCSD MEAT TEC AN S 563X 3 CREDITS
 Prereq: AN S 270 OR EQUIVALENT; OR AT LEAST
 TWO UNDERGRADUATE COURSES IN BIOLOGY, FOOD SCIENCE,
 MICROBIOLOGY OR CULINOLOGY
 9920600 XW ARRANGED SEBRANEK J
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$200.00

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 8-MAY 4
 1578600 XW ARRANGED LONERGAN E
 MEETS: JAN 8-MAY 4
 Note: ONLINE SECTION NOT AVAILABLE TO ON-CAMPUS
 STUDENTS.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$200.00
 Cmptr reqmt: <http://www.agonline.iastate.edu/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

CRTV COMPO ANIM SCI AN S 599D 1- 8 CREDITS
 Prereq: NONTHESIS M.S. STATUS

 SEE DEPT FOR REFERENCE NUMBERS

ANIMAL SCIENCE (CONTINUED)

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

SEM AN BREEDG&GENET AN S 658 1 CREDIT
 7083005 1 T 2:10-3:00
 MEETS: JAN 8-MAY 4

SEMINAR MEAT SCIENC AN S 684 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1604005 1 T 12:10-1:00
 MEETS: JAN 8-MAY 4

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

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

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

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

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

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

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

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

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

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

ANTHROPOLOGY

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

1615005 1 MW 10:00-10:50
 W 11:00-11:50
 MEETS: JAN 8-MAY 4

1615010 2 MW 10:00-10:50
 W 12:10-1:00
 MEETS: JAN 8-MAY 4

1615015 3 MW 10:00-10:50
 W 1:10-2:00
 MEETS: JAN 8-MAY 4

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

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

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

1615035 7 MW 10:00-10:50
 R 8:00-8:50
 MEETS: JAN 8-MAY 4

1615040 8 MW 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 8-MAY 4

1615045 9 MW 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 8-MAY 4

1615600 XW ARRANGED BOMBIELLA-MEDINA
 MEETS: MARCH 5-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

1615050 10 MW 10:00-10:50
 R 11:00-11:50
 MEETS: JAN 8-MAY 4

1615055 11 MW 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 8-MAY 4

1615060 12 MW 10:00-10:50
 R 1:10-2:00
 MEETS: JAN 8-MAY 4

1615065 13 MW 10:00-10:50
 R 2:10-3:00
 MEETS: JAN 8-MAY 4

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

ANTHROPOLOGY (CONTINUED)

INTR BIOL AN&ARCHEO ANTHR 202 3 CREDITS
 1616005 1 MW 9:00-9:50
 M 10:00-10:50
 MEETS: JAN 8-MAY 4

1616010 2 MW 9:00-9:50
 M 11:00-11:50
 MEETS: JAN 8-MAY 4

1616015 3 MW 9:00-9:50
 M 12:10-1:00
 MEETS: JAN 8-MAY 4

1616020 4 MW 9:00-9:50
 M 1:10-2:00
 MEETS: JAN 8-MAY 4

1616025 5 MW 9:00-9:50
 M 2:10-3:00
 MEETS: JAN 8-MAY 4

GLOBAL SUSTAINABLY 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 8-MAY 4

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

7017005 1 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

7017010 2 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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

1617005 1 MW 10:00-10:50
 T 8:00-9:50
 MEETS: JAN 8-MAY 4

1617010 2 MW 10:00-10:50
 T 10:00-11:50
 MEETS: JAN 8-MAY 4

1617015 3 MW 10:00-10:50
 T 12:10-2:00
 MEETS: JAN 8-MAY 4

1617020 4 MW 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 8-MAY 4

BIOLOGICAL ANTHROPO ANTHR 307 3 CREDITS
 Prereq: 202
 Note: Instructor permission required 1st week.

1618005 1 TR 10:00-10:50
 F 8:00-9:50
 MEETS: JAN 8-MAY 4

1618010 2 TR 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 8-MAY 4

1618015 3 TR 10:00-10:50
 F 12:10-2:00
 MEETS: JAN 8-MAY 4

1618020 4 TR 10:00-10:50
 F 2:10-4:00
 MEETS: JAN 8-MAY 4

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

2754005 1 MW 2:10-3:00
 T 4:10-6:00PM
 MEETS: JAN 8-MAY 4

2754010 2 MW 2:10-3:00
 R 4:10-6:00PM
 MEETS: JAN 8-MAY 4

WORLD PREHISTORY ANTHR 321 3 CREDITS
 Prereq: 202 RECOMMENDED

2083005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

LAT AMER:CULTR&SPRT ANTHR 323E 3 CREDITS
 Prereq: ANTHR 201 OR ANTHR 306 RECOMMENDED

1933005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

ASIAN AM MATRL CULT ANTHR 333 3 CREDITS
 Note: Meets U.S. diversity reqmt

9136005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 DUSSELIER J

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
 MEETS: JAN 8-MAY 4

ANTHROPO GLOBAL PRO ANTHR 411 3 CREDITS
 Prereq: 201 OR 306
 Note: Meets international perspectives reqmt

1622005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

ANTHROPOLOGY (CONTINUED)

ANTHROPOLOGY (CONTINUED)

FORENSIC ANTHROPLGY ANTHR 424 3 CREDITS
 Prereq: 202 OR 307. 319 RECOMMENDED.
 7719005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

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 8-MAY 4

PRACTICUM ARCHAEOLOG ANTHR 451A 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 4780005 ARRANGED
 MEETS: JAN 8-MAY 4

PRACTICUM CULTURAL A ANTHR 451B 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 1095005 ARRANGED
 MEETS: JAN 8-MAY 4

PRACTICUM BIOLOGICAL 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 8-MAY 4

INDEP STUDY 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 STUDY 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 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 2760010 2 MW 2:10-3:00
 R 4:10-6:00PM
 MEETS: JAN 8-MAY 4

WORLD PREHISTORY ANTHR 521 3 CREDITS
 Prereq: 202 RECOMMENDED
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 2088005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

LAT AMER: CULTR&SPRT ANTHR 523E 3 CREDITS
 Prereq: ANTHR 201 OR ANTHR 306 RECOMMENDED
 2000005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

FORENSIC ANTHROPLGY ANTHR 524 3 CREDITS
 Prereq: 319
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 7720005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

RSRCH&PRSNL FORENSIC ANTHR 542 1 CREDIT
 5259005 ARRANGED
 MEETS: JAN 8-MAY 4
 5259110 KK ARRANGED
 MEETS: JAN 8-MAY 4
 KOLPAN K

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 8-MAY 4
 Note: SEC 1A RESTRICTED TO EVENT, HRI AND HSP H
 MAJORS ONLY
 5099010 1B W 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1B RESTRICTED TO A M D, AMDP MAJORS ONLY

SUPV WRK EXP I:HSPY AESHM 170D 1 CREDIT
 Prereq: ADVISER PERMISSION REQUIRED
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 Satisfactory-Fail Only.
 1107005 ARRANGED
 MEETS: JAN 8-MAY 4

SUPV WRK EXP I:EVNT AESHM 170F 1 CREDIT
 Prereq: ADVISER PERMISSION REQUIRED
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 Satisfactory-Fail Only.
 1113005 ARRANGED
 MEETS: JAN 8-MAY 4

SPV WRK EXP I:APPAR AESHM 170N 1 CREDIT
 Prereq: ADVISER PERMISSION REQUIRED; FRESHMAN
 CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 Satisfactory-Fail Only.
 1125005 ARRANGED
 MEETS: MARCH 5-MAY 4

SU WRK EXP I:DINING AESHM 170P 1 CREDIT
 Prereq: ADVISER PERMISSION REQUIRED; FRESHMAN
 CLASSIFICATION OR PERMISSION
 Note: NO MORE THAT 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 Satisfactory-Fail Only.
 3039005 ARRANGED
 MEETS: JAN 8-MAY 4

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

FINANCL APPS:RETAIL AESHM 175N 2 CREDITS
 7809005 1 ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: Course delivery is WWW

LDRSHP EXPRNC&DEVEL AESHM 211 3 CREDITS
 9596005 1A MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO A M D, AMDP, EVENT,
 HRI & HSP M
 9596010 1B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1B FOR MAJORS OTHER THAN A M D, AMDP,
 EVENT, HRI & HSP M

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

PRE-PRO STRATEGIES AESHM 213X 1 CREDIT
 Prereq: TRANSFER STUDENT OR CHANGE TO A M D,
 EVENT, OR HSP M
 9797005 1 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO EVENT, HSP M MAJORS ONLY

9797010 2 W 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 2 RESTRICTED TO A M D MAJORS ONLY

CREATIVITY ON DEMAND AESHM 222 3 CREDITS
 9595005 1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY

9595010 2 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC 2 RESTRICTED TO EVENT, HSP M MAJORS ONLY

9595015 3 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC 3 FOR MAJORS OTHER THAN A M D, EVENT & HSP M

SUP WRK EXP II:HSPY AESHM 270D 1- 2 CREDITS
 Prereq: 6 CREDITS IN AESHM OR HSP M, CREDITS
 IN AESHM 170, MINIMUM 2.0 GPA, ADVISER PERMISSION
 REQUIRED, SOPHOMORE CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 1132005 ARRANGED
 MEETS: JAN 8-MAY 4

SUP WRK EXP II:EVNT AESHM 270F 1- 2 CREDITS
 Prereq: 6 CREDITS IN AESHM OR HSP M OR EVENT;
 MINIMUM 2.0 GPA; ADVISER PERMISSION REQ'D; EMPLOYER
 LOCATION SHOULD BE DIFFERENT THAN EMPLOYER LOCATION
 USED FOR AESHM 170 AND AESHM 470
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 1203005 ARRANGED
 MEETS: JAN 8-MAY 4

SUP WRK EXP II:APPA AESHM 270N 1- 2 CREDITS
 Prereq: MINIMUM 2.0 GPA; ADVISER PERMISSION
 REQUIRED; SOPHOMORE A M D CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 1270005 ARRANGED
 MEETS: MARCH 5-MAY 4

SUP WRK EXP II: ISU AESHM 270P 1- 2 CREDITS
 Prereq: AESHM 170; MINIMUM 2.0 GPA;
 ADVISER PERMISSION REQUIRED; 6 CREDITS IN AESHM
 OR HSP M; SOPHOMORE CLASSIFICATION
 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 8-MAY 4

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 8-MAY 4
 Note: Instructor permission required.

9593010 1B W 6:10-8:00PM
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

ORIEN INT'L FLD STU AESHM 281 1 CREDIT
 1293005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

PRIN MGMT HUMAN SCI AESHM 287 3 CREDITS
 4608005 1A MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO HRI, EVENT, HSP M
 MAJORS ONLY

4608010 1B MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1B RESTRICTED TO A M D, AMDP STUDENTS
 ONLY

4608015 1C MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1C FOR MAJORS OTHER THAN AMDP, HRI,
 HSP M, EVENT, T C.

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

1517010 2 ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2 RESTRICTED TO EVENT, HSP M MAJORS ONLY

SEM CAREERS:APPAREL AESHM 311N 1 CREDIT
 Prereq: AESHM 113, SOPHOMORE CLASSIFICATION,
 GOOD ACADEMIC STANDING
 1624005 1 T 5:10-6:00PM
 MEETS: JAN 8-MARCH 2
 Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY

1624010 2 T 5:10-6:00PM
 MEETS: MARCH 5-MAY 4
 Note: SEC 2 RESTRICTED TO A M D MAJORS ONLY

HSPTY&APPARL MARKTG AESHM 340 3 CREDITS
 Prereq: ECON 101
 2921005 A TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO CUSFA, CUSFH, EVENT, HRI,
 HSP M MAJORS ONLY

2921010 B TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC B RESTRICTED TO A M D, AMDP, CUFSA, CUFSH
 MAJORS ONLY

2921015 C TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC C RESTRICTED TO MAJORS OTHER THAN A M D,
 AMDP, CUSFA, CUSFH & T C MAJORS

AESTHTCS CNSMR EXPC AESHM 342 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4609005 1A MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO HRI, HSP M, EVENT
 MAJORS

4609010 1B MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1B RESTRICTED TO AMD, AMDP, T C MAJORS

4609015 1C MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1C FOR MAJORS OTHER THAN HRI, HSP M, EVENT,
 T C.

U.S. FLD STDY:EVENT AESHM 380F 1- 3 CREDITS
 Prereq: 9 CREDITS IN EVENT, AESHM, OR HSP M;
 SOPHOMORE CLASSIFICATION; MINIMUM 2.0 GPA;
 PERMISSION BY APPLICATION
 Note: Instructor permission required.
 1660005 M 1:10-2:00
 MEETS: MARCH 5-MAY 4

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 8-MAY 4
 Note: SEC 1: NEW YORK

1663010 2 W 5:10-6:00PM
 ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2: L.A.

1663015 3 W 4:10-5:00, ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 3: MAGIC

COOPERATIVE EDUCATN AESHM 398 R CREDIT
 Prereq: PERMISSION OF ADVISER; JR CLASSIFICATN
 1002005 1 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO HRI, HSP M MAJORS ONLY
 Instructor permission required.

1002010 2 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC TO RESTRICTED TO EVENT MAJORS ONLY
 Instructor permission required.

1002015 3 ARRANGED
 MEETS: JAN 8-MAY 4
 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 8-MARCH 2

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

DEV GLOBAL LEADRSHP AESHM 421 3 CREDITS
 Note: Meets international perspectives reqmt
 4611005 1A TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M MAJORS ONLY

4611010 1B TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI, HSP M

HUMAN RESOURCE MGMT AESHM 438 3 CREDITS
 Prereq: AESHM 270, AESHM 275 OR AESHM 287;
 JUNIOR CLASSIFICATION
 2923005 1A TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO HRI, HSP M, EVENT MAJORS ONLY

2923010 1B TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1B RESTRICTED TO A M D, AMDP & T C MAJORS ONLY.

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

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

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; EMPLOYER/LOCATION SHOULD BE DIFFERENT THAN THOSE USED FOR AESHM 170 AND 270
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FASHION SHOW MGT AESHM 472 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 5 CREDITS OF AESHM 472 MAY BE APPLIED TOWARD GRADUATION
 1872005 1 W 6:10-8:00PM
 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 1 OFFERED FOR 3 CREDITS
 Instructor permission required.

1872010 2 W 6:10-8:00PM
 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 2 OFFERED FOR 2 CREDITS
 Instructor permission required.

ENTREPRNR HUMAN SCI AESHM 474 3 CREDITS
 Prereq: A M D 275 OR AESHM 287 OR ACCT 284
 OR 3 CREDITS IN MKT OR PERMISSION OF INSTRUCTOR
 4618005 1A TR 6:30-7:50PM
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS
 Materials, field trips &/or travel fee \$60.00

4618010 1B TR 6:30-7:50PM
 MEETS: JAN 8-MAY 4
 Note: SEC 1B RESTRICTED TO CUFSA, CUFSH, EVENT, HRI, HSP M MAJORS ONLY
 Materials, field trips &/or travel fee \$60.00

4618015 1C TR 6:30-7:50PM
 MEETS: JAN 8-MAY 4
 Note: Materials, field trips &/or travel fee \$60.00

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

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

COOPERATIVE EDUCATN AESHM 498 R CREDIT
 Prereq: PERMISSN OF ADVISER; SR CLASSIFICATION.
 REGISTER PRIOR TO COMMENCING WORK.
 1455005 ARRANGED
 MEETS: JAN 8-MAY 4

SEMINAR AESHM 511 1- 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN A M D, AESHM, OR HSP M; PERMISSION OF INSTRUCTOR
 Note: OFFERED FOR 1 CREDIT SPRING 2018
 1507005 1 ARRANGED
 MEETS: JAN 8-MAY 4

1507010 2 ARRANGED
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: Instructor permission required.

PRACTCM HSPITLTY MGT AESHM 570B 1- 3 CREDITS
 Prereq: 2 GRADUATE CREDITS IN PROGRAM AREA;
 INSTRUCTOR PERMISSION
 1509005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

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

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

APPAREL, MERCHANDISING, AND DESIGN

APPARL ASSEMBL PROC A M D 121 3 CREDITS
 Prereq: ENROLLMENT IN A M D 204 RECOMENDED
 6602005 1 M 10:00-10:50
 TR 11:00-12:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

6602010 2 M 10:00-10:50
 MW 1:10-3:00
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

6602015 3 M 10:00-10:50
 TR 3:10-5:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC 1A RESTRICTED TO A M D, AMDP MAJORS ONLY

6603010 1B TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1B FOR MAJORS OTHER THAN AMDP, A M D

INTR APPRL DSN STDO A M D 178 3 CREDITS
 Note: COURSE RESTRICTED TO A M D, AMDP FRESHMAN
 8923005 1 WF 1:10-3:00, ARRANGED
 MEETS: JAN 8-MAY 4

8923010 2 MW 3:10-5:00, ARRANGED
 MEETS: JAN 8-MAY 4

TEXTILE SCIENCE A M D 204 4 CREDITS
 Prereq: A M D 131
 6604005 1 TR 9:30-10:50
 W 1:10-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO A M D, AMDP & T C MAJOR ONLY

6604010 2 TR 9:30-10:50
 R 3:10-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC 2 RESTRICTED TO A M D, AMDP & T C MAJOR ONLY

6604015 3 TR 9:30-10:50
 F 11:00-12:50
 MEETS: JAN 8-MAY 4
 Note: SEC 3 RESTRICTED TO A M D, AMDP & T C MAJOR ONLY

6604020 4 ARRANGED
 M 11:00-12:50
 MEETS: JAN 8-MAY 4
 Note: SEC 4 RESTRICTED TO A M D MAJORS ONLY

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

HONORS TEXTILE SCI A M D 204H 4 CREDITS
 7590005 1 TR 9:30-10:50
 W 1:10-3:00
 MEETS: JAN 8-MAY 4
 7590010 2 TR 9:30-10:50
 R 3:10-5:00
 MEETS: JAN 8-MAY 4
 7590015 3 TR 9:30-10:50
 F 11:00-12:50
 MEETS: JAN 8-MAY 4
 7590020 4 ARRANGED
 M 11:00-12:50
 MEETS: JAN 8-MAY 4

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 5-MAY 4
 4188010 2 ARRANGED
 MEETS: JAN 8-MARCH 2

CPR APP DIGTL DSIGN A M D 210 3 CREDITS
 Prereq: A M D 131, A M D 245 OR CONCURRENT
 ENROLLMENT, AESHM 113N
 5087005 1A T 1:10-3:00, ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO AMDP, A M D MAJORS
 5087010 1B T 1:10-3:00, ARRANGED
 MEETS: JAN 8-MAY 4
 5087015 2A R 1:10-3:00, ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 2A RESTRICTED TO AMDP, A M D MAJORS.
 5087020 2B R 1:10-3:00, ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 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 12:40-2:00
 F 1:10-3:00
 MEETS: JAN 8-MAY 4
 6608010 2 TR 12:40-2:00
 W 10:00-11:50
 MEETS: JAN 8-MAY 4
 6608015 3 TR 12:40-2:00
 F 8:00-9:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 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 8-MAY 4
 Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY
 2853010 1B TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 2853015 1C TR 11:00-12:20
 MEETS: JAN 8-MAY 4

FASHION ILLUSTRATN A M D 278 3 CREDITS
 Prereq: A M D 178, A M D 210 OR CONCURRENT
 ENROLLMENT, A M D 245 OR CONCURRENT ENROLLMENT,
 PERMISSION OF INSTRUCTOR
 6611005 1 MWF 11:00-12:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

CPR-AID PATTRNMAKNG A M D 310 3 CREDITS
 Prereq: A M D 210, A M D 225, PERMISSION OF
 INSTRUCTOR
 1142005 TR 11:00-12:30
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

CPTR INTEGRAT DSIGN A M D 321 3 CREDITS
 Prereq: A M D 210, CREDIT OR ENROLLMENT IN
 A M D 278, INSTRUCTOR PERMISSION
 Note: RESTRICTED TO A M D, AMDP AND T C MAJORS
 6605005 1 MWF 9:00-10:50
 MEETS: JAN 8-MAY 4

PATTRNMAK II:DRAPNG A M D 325 3 CREDITS
 Prereq: A M D 206, A M D 225, INSTRUCTOR PERMISSN
 Note: Instructor permission required.
 7199005 1 MWF 3:10-5:00
 MEETS: JAN 8-MAY 4

DIGTL TXTLE PRINTNG A M D 329 3 CREDITS
 Prereq: A M D 321, CREDIT OR CONCURRENT
 ENROLLMENT IN A M D 325
 7365005 MW 11:00-12:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

HIST 20TH C FASHION A M D 356 3 CREDITS
 Prereq: 3 CREDITS IN HIST OR ART H. RECOMMEND
 A M D 204.
 Note: COURSE RESTRICTED TO AMDP, A M D, MAJORS ONLY
 4473005 1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

SOURCNG&GLOBAL ISSU A M D 372 3 CREDITS
 Prereq: A M D 231, A M D 275. RECOMMEND ECON 101
 OR ECON 102.
 Note: COURSE RESTRICTED TO A M D, AMDP
 MAJORS ONLY.
 Meets international perspectives reqmt
 8133005 1 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

HONORS SOURCNG&GLBL A M D 372H 3 CREDITS
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Meets international perspectives reqmt
 6632005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

MERCH PLAN& CONTROL A M D 376 4 CREDITS
 Prereq: A M D 275; A M D 210 OR COM S 113;
 3 CREDITS FROM MATH 104, MATH 105, MATH 140, MATH 150
 OR EQUIVALENT
 Note: COURSE RESTRICTED TO AMD, AMDP MAJORS ONLY
 6625005 1 TR 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 8-MAY 4
 6625010 2 TR 10:00-10:50
 F 9:00-10:50
 MEETS: JAN 8-MAY 4

VISUAL PRESNTN&PRMO A M D 377 3 CREDITS
 Prereq: A M D 245 OR AESHM 342; AESHM 340 OR
 MKT 340
 6626005 1A MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 6626010 1B MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 6626015 1C MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

ADV TEXTILE SCIENCE A M D 404 3 CREDITS
 Prereq: A M D 204, CHEM 163 AND CHEM 163L OR
 EQUIVALENT
 Note: COURSE RESTRICTED TO AMDP, A M D MAJORS ONLY
 6613005 TR 11:00-12:50
 MEETS: JAN 8-MAY 4

CREATV DSIGN PROCES A M D 426 3 CREDITS
 Prereq: A M D 206; A M D 321; A M D 325 OR
 CONCURRENT ENROLLMENT
 6619005 1 MWF 1:10-3:00
 MEETS: JAN 8-MAY 4
 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 8:00-10:50
 MEETS: JAN 8-MAY 4

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
 R 1:10-3:00
 MEETS: JAN 8-MAY 4

OMNI-CHANNL RETAILI A M D 477 3 CREDITS
 Prereq: 3 CREDITS IN MARKETING OR A M D 275
 OR AESHM 287
 4776005 1 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

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

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

IND STU TXTL&AP DSN A M D 490C VAR. CREDITS
 Prereq: 6 CR IN A M D; PERMISSION OF THE
 INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
 Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND
 A M D 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required.
 Materials fee \$30.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

FASHN PROD DV&PROTO A M D 496 3 CREDITS
 Prereq: A M D 231, A M D 245, A M D 275
 Note: COURSE RESTRICTED TO A M D, AMDP, T C MAJORS ONLY
 4507005 MWF 2:10-4:00
 MEETS: JAN 8-MAY 4

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

CONSUMR BEHAV&APPAR A M D 567 3 CREDITS
 Prereq: A M D 467 OR MKT 447; STAT 401
 3255005 1 MW 2:10-3:30 CHUNG T
 MEETS: JAN 8-MAY 4

GLOBAL ISSU TXTL&AP A M D 572 3 CREDITS
 Prereq: A COURSE IN MERCHANDISING OR MARKETING
 Note: Meets international perspectives reqmt
 3435005 1 R 5:30-8:10PM
 MEETS: JAN 8-MAY 4

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

INDUS APP MCHDS&MGT A M D 576 3 CREDITS
 Prereq: A M D 376 OR EQUIVALENT; A M D 275 OR
 EQUIVALENT; PERMISSION OF INSTRUCTOR
 4253005 1 TR 12:10-2:00
 MEETS: JAN 8-MAY 4

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

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

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

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

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

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

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

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

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

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

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

ARABIC

ELEMENTRY ARABIC II ARABC 102 4 CREDITS
 Prereq: ARABC 101 OR PLACEMENT BY DEPT EXAM
 Note: Meets international perspectives reqmt
 7442005 1 MTWR 11:00-11:50
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

ARABIC CULTURE ARABC 375X 3 CREDITS
 Note: Meets international perspectives reqmt
 9895005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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

ARCHITECTURE

ARCHITECT DESIGN II ARCH 202 6 CREDITS
 Prereq: ARCH 201; MATH 142/MATH 145X; PHYS 111
 Note: COURSE RESTRICTED TO ARC MAJORS ONLY
 1674005 F 3:10-5:20
 MW 1:10-5:20
 F 1:10-3:00
 MEETS: JAN 8-MAY 4

ARCHITECT DESIGN II ARCH 202H 6- 7 CREDITS
 Prereq: ARCH 201, MATH 142/MATH 145X AND PHYS 111
 8152005 F 3:10-5:20
 MW 1:10-5:20
 F 1:10-3:00, ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

ARCHITECTURE (CONTINUED)

ARCHITECTURE (CONTINUED)

HIST ARCHITECTUR II ARCH 222 3 CREDITS
 Note: Meets international perspectives reqmt
 7737005 1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

ARCHITECT DESIGN IV ARCH 302 6 CREDITS
 Prereq: ARCH 301 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 1682005 1 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 8-MAY 4

1682010 2 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 8-MAY 4

1682015 3 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 8-MAY 4

1682020 4 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 8-MAY 4

1682025 5 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: Instructor permission required.

COMPUTER APPLICATNS ARCH 334 3 CREDITS
 1685005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

THREE-DIMENS STUDIO ARCH 335 3 CREDITS
 Note: TOPIC: 3D AESTHETIC INVENTION, ORGANIZATION &
 EXPRESSION
 1686005 TR 12:40-2:50
 ARRANGED
 MEETS: JAN 8-MAY 4

BLDG SCI &TECHNL II ARCH 346 3 CREDITS
 Prereq: ARCH 345, ARCH 345L, MATH 145, PHYS 111;
 CONCURRENT ENROLLMENT IN ARCH 346L
 8245005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

BLDG SCI&TEC II LAB ARCH 346L 2 CREDITS
 Prereq: ARCH 345, ARCH 345L, MATH 145, PHYS 111;
 CONCURRENT ENROLLMENT IN ARCH 346
 8264005 TR 2:10-4:00
 MEETS: JAN 8-MAY 4

BLDG SCI &TECHNL IV ARCH 348 3 CREDITS
 Prereq: ARCH 347, ARCH 347L. CONCURRENT
 ENROLLMENT IN ARCH 348L.
 8289005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

BLDG SCI&TEC IV LAB ARCH 348L 2 CREDITS
 Prereq: ARCH 347, ARCH 347L. CONCURRENT
 ENROLLMENT IN ARCH 348.
 8293005 TR 4:10-6:00PM
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

TOPICS MEDIEVAL ARC ARCH 422 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: NO MORE THAN 6 CREDITS OF ARCH 422 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 TOPIC: BYZANTINE ARCHITECTURE
 Meets international perspectives reqmt
 1696005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

TOPC ITALIAN ARC&UR ARCH 429 3 CREDITS
 1628800 IT ARRANGED SCHNEIDER P
 MEETS: JAN 8-APRIL 27
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2018.
 OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

ANALYTICAL DRAWING ARCH 431 3 CREDITS
 Prereq: ARCH 230 AND ARCH 302
 Note: TOPIC: FREEHAND DRAWING: PERCEPTION,
 CONCEPTUALIZATION & ACTUALIZATION
 2154005 1 TR 8:30-10:50
 MEETS: JAN 8-MAY 4

2154800 IT ARRANGED
 MEETS: JAN 8-APRIL 27
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2018.
 OFFERED FOR 3 CREDITS
 Materials and professional support fee \$35.00
 Study Abroad Administrative Fee Applies

ADVNCED DESIGN MEDIA ARCH 436 3 CREDITS
 Prereq: ARCH 230
 Note: TOPIC: COMPETITION TO CONSTRUCTION -
 DIGITAL FABRICATION IN THE REAL WORLD
 1704005 1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: Materials and equipment use fee \$100.00

DSIGN:MADE IN ITALY ARCH 486 3 CREDITS
 1632800 IT ARRANGED SCHNEIDER P
 MEETS: JAN 8-APRIL 27
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2018.
 OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

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

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

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

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

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

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

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

ARCH DSIGN&MEDIA II ARCH 506 5 CREDITS
 Prereq: ARCH 505, ARCH 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 8-MAY 4

BIG&TALL:CONST HIST ARCH 517 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9838005 1A TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TOM ARCH, ARC MAJORS ONLY

9838010 1B TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1B FOR MAJORS OTHER THAN ARCH, ARC

MEANING & FORM ARCH ARCH 525 3 CREDITS
 Prereq: JUNIOR, SENIOR OR GRADUATE CLASSIFICATION
 Note: Meets international perspectives reqmt
 1913005 T 6:10-9:00PM
 MEETS: JAN 8-MAY 4

ARCHITECTURE

(CONTINUED)

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 2018.
 1731005 1 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 1731010 2 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 1731015 3 R 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 1731020 4 W 9:00-11:50
 MEETS: JAN 8-MAY 4

TOPCL STDI CMMUNCAT ARCH 528C 2- 3 CREDITS
 Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING
 1326005 1 F 9:00-11:50
 MEETS: JAN 8-MAY 4
 Note: TOPIC: FORMWORKS
 1326010 2 MW 6:30-8:00PM
 MEETS: JAN 8-MAY 4
 Note: TOPIC: PROPOSALS, PRESENTATIONS + PORTFOLIOS

ADV CMPUTR-AID ARCH ARCH 534 3 CREDITS
 Prereq: ARCH 434 AND PERMISSION OF INSTRUCTOR
 1735005 1 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

BLDG SCI &TECHNL II ARCH 546 3 CREDITS
 Prereq: ARCH 345 AND ARCH 345L, OR ARCH 545
 AND ARCH 545L; MATH 145, PHYS 111.
 CONCURRENT ENROLLMENT IN ARCH 546L.
 8250005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

BLDG SCI&TEC II LAB ARCH 546L 2 CREDITS
 Prereq: ARCH 345 AND ARCH 345L, OR ARCH 545
 ARCH 545L; MATH 145, PHYS 111.
 CONCURRENT ENROLLMENT IN ARCH 546.
 8490005 TR 2:10-4:00
 MEETS: JAN 8-MAY 4

BLDG SCI &TECHNL IV ARCH 548 3 CREDITS
 Prereq: ARCH 347, ARCH 347L OR ARCH 547,
 ARCH 547L. CONCURRENT ENROLLMENT IN ARCH 548L.
 8291005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

BLDG SCI&TEC IV LAB ARCH 548L 2 CREDITS
 Prereq: ARCH 347 AND ARCH 347L, OR ARCH 547
 AND ARCH 547L. CONCURRENT ENROLLMENT IN ARCH 548.
 8502005 TR 4:10-5:00
 MEETS: JAN 8-MAY 4

CONTEM URB DSN THRY ARCH 575 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 Note: TOPIC: SCALES OF URBAN DESIGN
 1752005 1 M 9:00-11:50
 MEETS: JAN 8-MAY 4

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

SEMN BUILT ENVIR II ARCH 596 5 CREDITS
 Prereq: ARCH 505, ARCH 541, ARCH 595 AND
 CONCURRENT ENROLLMENT IN ARCH 506 AND ARCH 542
 7926005 T 9:30-11:50
 R 9:30-10:50
 MEETS: JAN 8-MAY 4

SEMN BUILT ENVIR IV ARCH 598 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 1721005 1 R 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 1721010 2 R 9:00-11:50
 MEETS: JAN 8-MAY 4
 1721015 3 W 9:00-11:50
 MEETS: JAN 8-MAY 4

INDEP DESIGN STUDY ARCH 690 6 CREDITS
 Prereq: ADMISSION TO THE M. S. IN ARCH. PROGRAM
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR ARCH 698 R CREDIT
 Prereq: ADMISSION TO THE M. ARCH. OR M. S. IN
 ARCH. PROGRAMS
 1749005 1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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

ART EDUCATION

METHODS TEACHING ART ARTED 209 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 7797005 A TR 3:10-5:00
 MEETS: JAN 8-MAY 4
 QUINTERO S
 7797010 B TR 5:10-7:00PM
 MEETS: JAN 8-MAY 4
 QUINTERO S
 7797015 C TR 1:10-3:00
 MEETS: JAN 8-MAY 4
 QUINTERO S

INTRO TO ART EDUC ARTED 211 3 CREDITS
 Prereq: SOPHOMORE LEVEL
 1773005 A1 MW 2:10-5:00
 MEETS: JAN 8-MAY 4
 CALDWELL B
 1773010 A2 MW 2:10-5:00
 MEETS: JAN 8-MAY 4
 CALDWELL B
 Note: SEC A2 RESTRICTED TO ECE, EL ED MAJORS
 ONLY
 1773015 B1 TR 9:30-12:20
 MEETS: JAN 8-MAY 4
 CALDWELL B
 1773020 B2 TR 9:30-12:20
 MEETS: JAN 8-MAY 4
 CALDWELL B
 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
 MEETS: JAN 8-MAY 4
 GODBEY E

INTR VISU CULTR STU ART H 292 3 CREDITS
 Note: Meets U.S. diversity reqmt
 1764005 ARRANGED
 MEETS: JAN 8-MAY 4
 CUNNALLY J
 Note: Course delivery is WWW

ART&ARCHITC OF ASIA ART H 382 3 CREDITS
 Note: Meets international perspectives reqmt
 2868005 MW 2:10-3:30
 MEETS: JAN 8-MAY 4
 MORGAN E

ART&THEORY SINCE '45 ART H 395 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 1177005 TR 4:10-5:30
 MEETS: JAN 8-MAY 4

HISTORY OF COMICS ART H 489 3 CREDITS
 3875005 ARRANGED
 MEETS: JAN 8-MAY 4
 CUNNALLY J
 Note: Course delivery is WWW

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

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

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

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

19TH CENTURY ART ART H 587 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 1916005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 MORGAN E

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)

HIST OF PHOTOGRAPHY ART H 596 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 Note: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR.
 8234005 W 6:10-8:40PM
 MEETS: JAN 8-MAY 4

TOPICS IN ART HIST ART H 598 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 Note: COURSE TOPIC: ART WORLD AFTER 1989
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 1792005 A R 6:10-8:40PM
 MEETS: JAN 8-MAY 4
 Note: SEC A TOPIC: ART & THE WORLD AFTER 1989

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 DANILOVIC D
 MEETS: JAN 8-MAY 4
 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 DANILOVIC D
 MEETS: JAN 8-MAY 4
 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 CERVATO C
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 8584010 2 M 12:10-2:00
 MEETS: JAN 8-MAY 4
 8584015 3 M 10:00-11:50
 MEETS: JAN 8-MAY 4
 8584020 4 M 5:10-7:00PM
 MEETS: JAN 8-MAY 4

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

ASTRONOMY & ASTROPHYSICS

(CONTINUED)

STARS,GALAXIES&COSM ASTRO 150 3 CREDITS
 1952005 1 TR 1:10-2:00
 W 9:00-9:50
 MEETS: JAN 8-MAY 4
 1952010 2 TR 1:10-2:00
 W 10:00-10:50
 MEETS: JAN 8-MAY 4
 1952015 3 TR 1:10-2:00
 W 11:00-11:50
 MEETS: JAN 8-MAY 4
 1952020 4 TR 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 8-MAY 4
 1952025 5 TR 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 8-MAY 4

ASTRONOMY BIZARRE ASTRO 250 3 CREDITS
 Prereq: 120 OR 150
 4569005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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

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 8-MAY 4

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 DRENTH J
 W 8:00-9:50
 MEETS: JAN 8-MAY 4
 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 DRENTH J
 R 8:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC 2 FOR MAJORS OTHER THAN A TR, D EXA, D EXH, KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY

5729015 3 M 8:00-8:50 DRENTH J
 T 8:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH, KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY

PRE-ATH TRAIN PRACT A TR 221 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN A TR 222
 Note: COURSE RESTRICTED TO KIN H, P ATR MAJORS
 Satisfactory-Fail Only.
 6654005 1 T 11:00-11:50 MEIER M
 ARRANGED
 MEETS: JAN 8-MAY 4

6654010 2 R 11:00-11:50 MEIER M
 ARRANGED
 MEETS: JAN 8-MAY 4

6654015 3 T 11:00-11:50 MEIER M
 ARRANGED
 MEETS: JAN 8-MAY 4

ATHLETIC TRAINING

(CONTINUED)

ATHLETICS

(CONTINUED)

BASIC ATHLETIC TRNG A TR 222 3 CREDITS
 Prereq: BIOL 255, 255L
 Note: COURSE RESTRICTED TO KIN H, P ATR MAJORS
 7917005 1 TR 9:30-10:50 MEIER M
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 Note: SEC 1 RESTRICTED TO A TR MAJORS ONLY
 Course delivery is WW

ATHL TRAIN COMPETNC A TR 489 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR,
 SENIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO A TR MAJORS ONLY
 Satisfactory-Fail Only.
 3220005 1 ARRANGED WEESNER T
 MEETS: JAN 8-MAY 4

ATHLETICS

INTERCOLL SOFTBALL ATH 101K 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1982005 1 ARRANGED PINKERTON J
 MEETS: JAN 8-MAY 4

INTERCOLL SWIMMING ATH 101M 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1984005 1 ARRANGED SORENSON D
 MEETS: JAN 8-MAY 4

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 1 ARRANGED ESPINOSA A
 MEETS: JAN 8-MAY 4

INTERCOLLEG TRACK ATH 101P 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1987005 1 ARRANGED SMITH M
 MEETS: JAN 8-MAY 4

INTERCOLLEG TRACK ATH 101Q 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1988005 1 ARRANGED SMITH M
 MEETS: JAN 8-MAY 4

INTERCOLL WRESTLING ATH 101S 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1990005 1 ARRANGED DRESSER K
 MEETS: JAN 8-MAY 4

INTERCOLLEGIAT GOLF ATH 101T 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1991005 1 ARRANGED MARTENS C
 MEETS: JAN 8-MAY 4

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

INTRO BIOCHEM LAB BEBM 102 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN CHEM 177 AND
 CHEM 177L OR CHEM 201 AND CHEM 201L
 Note: ENROLLMENT IN THIS COURSE WILL CAUSE A TIME
 CONFLICT MESSAGE. IGNORE CONFLICTS BUILT INTO THE
 SECTION MEETING TIME. LECTURE & LAB MEET OPPOSITE
 WEEKS.
 1997005 A F 2:10-3:00 CHEN B
 F 1:10-3:00 CHEN B
 MEETS: JAN 8-MAY 4

1997010 B F 2:10-3:00 CHEN B
 F 2:10-4:00 CHEN B
 MEETS: JAN 8-MAY 4

1997015 C T 10:00-10:50 CHEN B
 T 10:00-11:50 CHEN B
 MEETS: JAN 8-MAY 4

1997020 D T 10:00-10:50 CHEN B
 T 9:00-10:50 CHEN B
 MEETS: JAN 8-MAY 4

INTERCOL BASKETBALL ATH 101B 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1974005 1 ARRANGED PROHM S
 MEETS: JAN 8-MAY 4

INTERCOL BASKETBALL ATH 101C 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1975005 1 ARRANGED FENNELLY W
 MEETS: JAN 8-MAY 4

INTERCOLLEGIAT GOLF ATH 101G 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1973005 1 ARRANGED TANK A
 MEETS: JAN 8-MAY 4

INTERCOL GYMNASTICS ATH 101J 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1981005 1 ARRANGED RONAYNE J
 MEETS: JAN 8-MAY 4

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

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 8-MAY 4

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 8-MAY 4

SURVEY OF BIOCHEM BBMB 301 3 CREDITS
Prereq: CHEM 231 OR CHEM 331
Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 301 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE. CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: BBMB 301, BBMB 303X, BBMB 316.
1999005 MWF 12:10-1:00 THORNBURG R
MEETS: JAN 8-MAY 4
1999600 XW ARRANGED THORNBURG R
MEETS: JAN 8-MAY 4
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. CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: BBMB 301, BBMB 303X, BBMB 316
9022005 ARRANGED AMBROSIO L
MEETS: JAN 8-MAY 4
Note: THIS SEC IS RESTRICTED TO ON-CAMPUS STUDENTS ONLY
Course delivery is WWW
9022600 XW ARRANGED AMBROSIO L
MEETS: JAN 8-MAY 4
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 8-MAY 4
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 8-MAY 4
2003600 XW ARRANGED BEITZ D
MEETS: JAN 8-MAY 4
Note: Section XW is off campus
Course delivery is WWW
Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

LAB MICR PHYSL,DVRS BBMB 440 4 CREDITS
Prereq: MICRO 302,302L, CHEM 332, BIOL 301L/313L
2090005 1 TR 2:10-3:00
MWF 2:10-4:00
MEETS: JAN 8-MAY 4

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 8-MAY 4

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

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

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 DISPIRITO A
MEETS: JAN 8-MAY 4
Note: Section XW is off campus
Course delivery is WWW
Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

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

BIOCHM NUCLEIC ACID BBMB 507 2 CREDITS
Prereq: CHEM 332 OR EQUIVALENT
5083005 MTRF 1:10-2:00 NELSON S
MEETS: MARCH 5-MAY 4
5083600 XW ARRANGED NELSON S
MEETS: JAN 8-MAY 4
Note: Section XW is off campus
Course delivery is WWW
Cmptr reqmt: <http://www.agonline.iastate.edu/resources/computer-requirements>

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: JAN 8-MAY 4

INTRO CELL TECHNIQS BBMB 542C 1 CREDIT
Satisfactory-Fail Only.
7101005 TR 1:10-2:00 NOTT J
TR 2:10-4:00 NOTT J
MEETS: JAN 8-MAY 4

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 8-MAY 4
1768010 2 ARRANGED HONZATKO R
MEETS: JAN 8-MAY 4

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 8-MAY 4
1796010 2 T 7:10-8:00PM
W 11:00-2:00
MEETS: JAN 8-MAY 4
1796015 3 T 7:10-8:00PM
W 3:10-6:00PM
MEETS: JAN 8-MAY 4
1796020 4 T 7:10-8:00PM
W 1:10-4:00
MEETS: JAN 8-MAY 4
1796025 5 T 7:10-8:00PM
W 5:10-8:00PM
MEETS: JAN 8-MAY 4

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: JAN 8-MAY 4
Note: Department permission required.

ADVANCED SEMINAR BBMB 681 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2034005 T 4:10-6:00PM JOHANSEN K
MEETS: JAN 8-MAY 4

DEPARTMENT SEMINAR BBMB 682 R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2035005 R 4:10-6:00PM THORNBURG R
MEETS: JAN 8-MAY 4

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

RESEARCH SEMINAR BBMB 696 1 CREDIT
 Satisfactory-Fail Only.
 8831005 W 4:10-5:30
 MEETS: JAN 8-MAY 4

SEM N MOLEC,C,DV BIO BBMB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2018.
 2037005 M 3:10-5:00
 MEETS: JAN 8-MAY 4

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

BIOINFORMATICS&COMPUTATIONAL BIOL-UG

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

TEAM RESRCH PROJCTS BCBIO 491 1- 5 CREDITS
 Prereq: BCBIO 322, JUNIOR OR SENIOR CLASSIF,
 PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE
 THAN 9 CREDITS OF BCBIO 490 AND 491 TOWARD GRADUATION
 4721001 ARRANGED
 MEETS: JAN 8-MAY 4

BIOINFORMATICS AND COMPUTATIONAL BIOL

INDEPENDENT STUDY BCB 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

STAT BIOINFORMATICS BCB 568 3 CREDITS
 Prereq: BCB 567, OR BIOL 315 AND STAT 430;
 CREDIT OR ENROLLMENT IN GEN 409
 2081005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

SYSTEMS BIOLOGY BCB 570 3 CREDITS
 Prereq: BCB 567 OR COM S 311, COM S 228,
 GEN 409, STAT 430
 2125005 1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

WKSHP BIOINFORMATCS BCB 593 1 CREDIT
 7397005 W 4:10-5:00
 MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATN BCB 598 R CREDIT
 Prereq: PERMISSION OF THE PROGRAM CHAIR
 1828005 ARRANGED
 MEETS: JAN 8-MAY 4

TOPC BIOINF&CMP BIO BCB 660 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018
 1830005 TR 8:00-9:30
 MEETS: JAN 8-MAY 4

STUDT SEMINR BIOINF BCB 690 1 CREDIT
 7830005 W 4:10-5:00
 MEETS: JAN 8-MAY 4

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS
 7827005 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

APP SCI ILLUSTR TCNQ BPM I 337 3 CREDITS
 Prereq: ARTIS 327
 9105005 TR 2:10-5:00
 MEETS: JAN 8-MAY 4
 9105010 2 TR 11:00-1:50
 MEETS: JAN 8-MAY 4

FIELD ILLUSTRATION BPM I 395 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 2 CREDIT SPRING 2018.
 7996005 ARRANGED
 MEETS: JAN 8-MAY 4

BIOLOGICAL/PRE-MEDICAL ILLUSTRATION (CONTINUED)

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

PORTFOLIO&PRO DEVEL BPM I 491X 2 CREDITS
 Prereq: BPM I 337, JUNIOR OR SENIOR CLASSIFICATN
 IN BPM I
 9958005 1 F 12:10-3:00
 MEETS: JAN 8-MAY 4

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 HORNER H
 MEETS: JAN 8-MAY 4
 2064010 2 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 2064015 3 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW
 2064020 4 ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: Course delivery is WWW
 2064605 XV ARRANGED PLEASANTS J
 MEETS: MARCH 5-MAY 4
 Note: Section XV is off campus
 Course delivery is WWW
 2064600 XW ARRANGED PLEASANTS J
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

ORIENT TRANSFR STDT BIOL 112 R CREDIT
 Satisfactory-Fail Only.
 8242005 T 3:10-4:00, ARRANGED
 MEETS: JAN 8-MARCH 2

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 HENDERSON E
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 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 5-MAY 4

PRIN OF BIOLOGY I BIOL 211 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY
 9468005 1 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 9468010 2 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 9468015 3 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 211
 9470005 1 T 8:00-10:50
 MEETS: JAN 8-MAY 4
 9470010 2 T 11:00-1:50
 MEETS: JAN 8-MAY 4
 Note: SEC 2 RESTRICTED TO BCBIO, GEN, GEN S
 MAJORS ONLY
 9470015 3 T 2:10-5:00
 MEETS: JAN 8-MAY 4
 9470020 4 W 8:00-10:50
 MEETS: JAN 8-MAY 4
 9470025 5 W 11:00-1:50
 MEETS: JAN 8-MAY 4
 9470030 6 W 2:10-5:00
 MEETS: JAN 8-MAY 4
 9470035 7 R 8:00-10:50
 MEETS: JAN 8-MAY 4
 9470040 8 R 11:00-1:50
 MEETS: JAN 8-MAY 4
 9470045 9 R 2:10-5:00
 MEETS: JAN 8-MAY 4

BIOLOGY

(CONTINUED)

BIOLOGY

(CONTINUED)

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT
 9470050 10 T 8:00-10:50
 MEETS: JAN 8-MAY 4
 9470055 11 T 11:00-1:50
 MEETS: JAN 8-MAY 4
 9470060 12 T 2:10-5:00
 MEETS: JAN 8-MAY 4
 9470065 13 W 8:00-10:50
 MEETS: JAN 8-MAY 4
 9470070 14 W 11:00-1:50
 MEETS: JAN 8-MAY 4
 9470075 15 W 2:10-5:00
 MEETS: JAN 8-MAY 4
 9470080 16 R 8:00-10:50
 MEETS: JAN 8-MAY 4
 9470085 17 R 11:00-1:50
 MEETS: JAN 8-MAY 4
 9470090 18 R 2:10-5:00
 MEETS: JAN 8-MAY 4
 9470095 19 T 8:00-10:50
 MEETS: JAN 8-MAY 4
 9470100 20 T 11:00-1:50
 MEETS: JAN 8-MAY 4
 9470105 21 T 2:10-5:00
 MEETS: JAN 8-MAY 4
 9470110 22 W 8:00-10:50
 MEETS: JAN 8-MAY 4
 9470115 23 W 11:00-1:50
 MEETS: JAN 8-MAY 4
 9470120 24 W 2:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 9469010 2 TR 12:40-2:00 MANZ C
 MEETS: JAN 8-MAY 4
 9469015 3 TR 12:40-2:00 MANZ C
 MEETS: JAN 8-MAY 4
 Note: SEC 3 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
 9469020 4 TR 2:10-3:30 KUKDAY S
 MEETS: JAN 8-MAY 4
 9469605 XW ARRANGED KUKDAY S
 MEETS: JAN 8-MAY 4
 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 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471010 2 M 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471015 3 T 9:00-11:50
 MEETS: JAN 8-MAY 4
 9471020 4 T 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471025 5 T 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471030 6 W 9:00-11:50
 MEETS: JAN 8-MAY 4
 9471035 7 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471040 8 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471045 9 R 9:00-11:50
 MEETS: JAN 8-MAY 4
 9471050 10 R 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471055 11 R 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471060 12 M 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471065 13 M 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471070 14 T 9:00-11:50
 MEETS: JAN 8-MAY 4
 9471075 15 T 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471080 16 T 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471085 17 W 9:00-11:50
 MEETS: JAN 8-MAY 4
 9471090 18 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471095 19 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471100 20 R 9:00-11:50
 MEETS: JAN 8-MAY 4
 9471105 21 R 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471110 22 R 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471115 23 M 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471120 24 M 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471125 25 T 9:00-11:50
 MEETS: JAN 8-MAY 4
 9471130 26 T 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471135 27 T 3:10-6:00PM
 MEETS: JAN 8-MAY 4

PRIN BIOLOGY LAB II BIOL 212L 1 CREDIT
 9471140 28 W 9:00-11:50
 MEETS: JAN 8-MAY 4
 9471145 29 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471150 30 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471155 31 R 9:00-11:50
 MEETS: JAN 8-MAY 4
 9471160 32 R 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471165 33 R 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471170 34 M 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471175 35 M 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471180 36 T 9:00-11:50
 MEETS: JAN 8-MAY 4
 9471185 37 T 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471190 38 T 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471195 39 W 9:00-11:50
 MEETS: JAN 8-MAY 4
 9471200 40 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471205 41 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 9471210 42 R 9:00-11:50
 MEETS: JAN 8-MAY 4
 9471215 43 R 12:10-3:00
 MEETS: JAN 8-MAY 4
 9471220 44 R 3:10-6:00PM
 MEETS: JAN 8-MAY 4

BIOL PROC IN ENVIRN BIOL 251 3 CREDITS
 1753005 1A TR 12:40-1:55 WILSEY B
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
 1753010 1B TR 12:40-1:55 WILSEY B
 MEETS: JAN 8-MAY 4
 1753015 1C TR 12:40-1:55 WILSEY B
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 6408010 2 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4
 6408600 XW ARRANGED HAEN K
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 6419010 2 T 9:00-11:50
 MEETS: JAN 8-MAY 4
 6419015 3 T 12:10-3:00
 MEETS: JAN 8-MAY 4
 6419020 4 T 12:10-3:00
 MEETS: JAN 8-MAY 4
 6419025 5 T 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 6419030 6 T 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 6419035 7 W 9:00-11:50
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$80.00
 6419040 8 W 9:00-11:50
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$80.00
 6419045 9 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 6419050 10 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 6419055 11 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 6419060 12 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 6419065 13 R 9:00-11:50
 MEETS: JAN 8-MAY 4
 6419070 14 R 9:00-11:50
 MEETS: JAN 8-MAY 4
 6419075 15 R 12:10-3:00
 MEETS: JAN 8-MAY 4
 6419080 16 R 12:10-3:00
 MEETS: JAN 8-MAY 4
 6419085 17 R 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 6419090 18 R 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 6419095 19 W 6:10-9:00PM
 MEETS: JAN 8-MAY 4

BIOLOGY (CONTINUED)

BIOLOGY (CONTINUED)

FND HUMN PHYSIO LAB BIOL 256L 1 CREDIT
 6419100 20 W 6:10-9:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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

PRIN MOLEC CELL BIO BIOL 314 3 CREDITS
 Prereq: BIOL 212
 9474005 1 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 A MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
 8911010 B MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

HUMAN REPRODUCTION BIOL 344 3 CREDITS
 Prereq: BIOL 212
 7084005 A TR 12:40-1:55
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
 7084010 B TR 12:40-1:55
 MEETS: JAN 8-MAY 4

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 8-MAY 4

COMPA CHORDATE ANAT BIOL 351 5 CREDITS
 Prereq: BIOL 212, JUNIOR CLASSIFICATION
 7090005 1A TR 9:30-10:50
 MW 12:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
 7090010 1B TR 9:30-10:50
 MW 12:10-2:00
 MEETS: JAN 8-MAY 4
 7090015 2A TR 9:30-10:50
 TR 12:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 2A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
 7090020 2B TR 9:30-10:50
 TR 12:10-2:00
 MEETS: JAN 8-MAY 4
 7090025 3A TR 9:30-10:50
 MW 2:10-4:00
 MEETS: JAN 8-MAY 4
 Note: SEC 3A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET

COMPA CHORDATE ANAT BIOL 351 5 CREDITS
 MAJORS ONLY
 7090030 3B TR 9:30-10:50
 MW 2:10-4:00
 MEETS: JAN 8-MAY 4
 7090035 4A TR 9:30-10:50
 MW 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 Note: SEC 4A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
 7090040 4B TR 9:30-10:50
 MW 4:10-6:00PM
 MEETS: JAN 8-MAY 4

INTRO PARASITOLOGY BIOL 353 3 CREDITS
 Prereq: BIOL 212
 7088005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 JONES D

PLANTS & PEOPLE BIOL 355 3 CREDITS
 Prereq: BIOL 211, BIOL 211L
 2082005 A MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
 2082010 B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

PLANT SYSTEMATICS BIOL 366 4 CREDITS
 Prereq: BIOL 211
 2084005 1A TR 12:40-2:00
 T 2:10-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
 2084010 1B TR 12:40-2:00
 T 2:10-5:00
 MEETS: JAN 8-MAY 4
 2084015 2A TR 12:40-2:00
 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC 2A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
 2084020 2B TR 12:40-2:00
 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 2084025 3A TR 12:40-2:00
 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 Note: SEC 3A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
 2084030 3B TR 12:40-2:00
 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 2084035 4A TR 12:40-2:00
 R 9:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 4A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
 2084040 4B TR 12:40-2:00
 R 9:00-11:50
 MEETS: JAN 8-MAY 4

ECO&ENVIRON SCI GIS BIOL 370 1- 6 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL SCIENCES; PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 9445005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

ANALYS ENVIRON SYST BIOL 382 3 CREDITS
 Prereq: ENSCI 381
 4805005 1A ARRANGED
 TR 12:10-2:00
 MEETS: JAN 8-MAY 4
 CRUMPTON W
 CRUMPTON W
 4805010 1B ARRANGED
 TR 12:10-2:00
 MEETS: JAN 8-MAY 4
 CRUMPTON W
 CRUMPTON W
 4805015 2A ARRANGED, TR 2:10-4:00
 MEETS: JAN 8-MAY 4
 CRUMPTON W
 4805020 2B ARRANGED, TR 2:10-4:00
 MEETS: JAN 8-MAY 4
 CRUMPTON W
 4805025 3A ARRANGED
 TR 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 CRUMPTON W
 CRUMPTON W
 4805030 3B ARRANGED
 TR 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 CRUMPTON W
 CRUMPTON W

BIOLOGY

(CONTINUED)

PRE-FLD TRIP SEMINR BIOL 393A 1 CREDIT
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 1918005 1 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SECT 1 PREP TRAVEL TO BOUNDRY WATERS
 SPRING 2018
 Instructor permission required.

N AMERIC FIELD TRIP BIOL 393B 1- 3 CREDITS
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 1921005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: OPEN SECTION TRAVEL TO BOUNDRY WATERS SPRING
 2018
 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 8-MAY 4
 Note: Department permission required.
 3167800 HN ARRANGED SAKAGUCHI D
 MEETS: MARCH 11-18
 Note: SEC HN TAUGHT IN HONDURAS. INTERNATIONAL
 FIELD TRIPS IN BIOLOGY: CARIBBEAN MARINE BIOLOGY
 SPRING 2018
 Study Abroad Administrative Fee Applies

INTERNAT FIELD TRIP BIOL 394B 1- 3 CREDITS
 Prereq: TWO COURSES IN THE BIOLOGICAL SCIENCES
 AND BY APPROVAL OF APPLICATION
 Note: Meets international perspectives reqmt
 3223005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Department permission required.
 3223800 HN ARRANGED SAKAGUCHI D
 MEETS: MARCH 11-18
 Note: SEC HN TAUGHT IN HONDURAS. INTERNATIONAL
 FIELD TRIPS IN BIOLOGY: CARIBBEAN MARINE BIOLOGY
 SPRING 2018
 Study Abroad Administrative Fee Applies

DEVELOPMENTAL BIOL BIOL 423 3 CREDITS
 Prereq: BIOL 313
 7103005 1A MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET
 MAJORS ONLY
 7103010 1B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

DEVELOPMTL BIOL LAB BIOL 423L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 423
 OR PERMISSION OF INSTRUCTOR
 5680005 1A TR 12:10-1:30
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET
 MAJORS ONLY
 Materials fee \$225.00
 5680010 1B TR 12:10-1:30
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$225.00
 5680015 2A TR 1:40-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC 2A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET
 MAJORS ONLY
 5680020 2B TR 1:40-3:00
 MEETS: JAN 8-MAY 4

BRYOPHYT&LICHN DVRS BIOL 455 3 CREDITS
 Prereq: BIOL 211 AND BIOL 211L
 8909005 A MR 4:10-6:30PM
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET
 MAJORS ONLY
 8909010 B MR 4:10-6:30PM
 MEETS: JAN 8-MAY 4

ORNITHOLOGY BIOL 458 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2140005 1 MW 10:00-10:50 DINSMORE S
 MEETS: JAN 8-MAY 4

ORNITHOLOGY LAB BIOL 458L 1 CREDIT
 Prereq: BIOL 351 OR BIOL 365 OR A ECL 365;
 CONCURRENT ENROLLMENT IN A ECL 458 OR BIOL 458 REQ'D
 9658005 1 T 7:00-9:50 DINSMORE S
 MEETS: JAN 8-MAY 4
 9658010 2 W 7:00-9:50 DINSMORE S
 MEETS: JAN 8-MAY 4

BIOLOGY

(CONTINUED)

MAMMALOLOGY BIOL 459 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2155005 1 MW 2:10-3:00 RENTZ M
 MEETS: JAN 8-MAY 4
 Note: COURSE RESTRICTED TO JRS & ABOVE

MAMMALOLOGY LABRATORY BIOL 459L 1 CREDIT
 Prereq: BIOL 351 OR BIOL 365 OR A ECL 365;
 CONCURRENT ENROLLMENT IN A ECL 459 OR BIOL 459 REQ'D
 9660005 1 T 9:00-11:50 RENTZ M
 MEETS: JAN 8-MAY 4
 9660010 2 W 9:00-11:50 RENTZ M
 MEETS: JAN 8-MAY 4
 9660015 3 R 9:00-11:50 RENTZ M
 MEETS: JAN 8-MAY 4

COMMUNITY ECOLOGY BIOL 472 3 CREDITS
 Prereq: BIOL 312
 2100005 A TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET
 MAJORS ONLY
 2100010 B TR 11:00-12:20
 MEETS: JAN 8-MAY 4

PLANT ECOLOGY BIOL 474 3 CREDITS
 Prereq: BIOL 312
 2099005 A TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET
 MAJORS ONLY
 2099010 B TR 9:30-10:50
 MEETS: JAN 8-MAY 4

ECOSYSTEM ECOLOGY BIOL 484 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOL, CHEM & PHYS
 8689005 A MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET
 MAJORS ONLY
 8689010 B MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

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 TEACHING 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 8-MAY 4

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

BIOLOGICAL 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 8-MAY 4

BIOMEDICAL ENGINEERING (CONTINUED)

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 KIMBER M
 MEETS: JAN 8-MAY 4

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 ROWE E
 TR 2:10-4:00
 F 2:10-4:00
 MEETS: JAN 8-MAY 4

BIOMEDICAL SCIEN II B M S 334 6 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 1936005 1 MTR 8:00-8:50 BRACHA V
 WF 10:00-10:50 BRACHA V
 T 9:00-11:50 BRACHA V
 MEETS: JAN 8-MAY 4
 1936010 2 MTR 8:00-8:50 BRACHA V
 WF 10:00-10:50 BRACHA V
 R 9:00-11:50 BRACHA V
 MEETS: JAN 8-MAY 4

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 UEMURA E
 M 10:00-11:50 UEMURA E
 MEETS: JAN 8-MAY 4
 6833010 2 MW 9:00-9:50 UEMURA E
 M 2:10-4:00 UEMURA E
 MEETS: JAN 8-MAY 4

CASE STUDY II B M S 346 1 CREDIT
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 6458005 F 1:10-2:00 ROWE E
 MEETS: JAN 8-MAY 4

GENERAL PHARMACOLGY B M S 354 3 CREDITS
 Prereq: B M S 333, B M S 334
 3518005 MR 1:10-2:00 DAY T
 T 11:00-11:50 DAY T
 MEETS: JAN 8-MAY 4

INTR AQUAT ANIM MED B M S 401 1 CREDIT
 2729005 1 T 7:10-9:00PM STARLING D
 MEETS: MARCH 5-MAY 4

BEHAVIOR DOMES ANIM B M S 403 1 CREDIT
 Prereq: CLASSIFICATION IN V MED
 6840005 F 12:10-1:00 MILLMAN S
 MEETS: JAN 8-MAY 4

PRIN HUMN GROS ANAT B M S 448X 4 CREDITS
 Prereq: BIOL 255 OR EQUIVALENT AND AN
 INTRODUCTORY BIOLOGY COURSE
 Note: CREDIT FROM ONLY ONE ENROLLMENT IN B M S 448X
 MAY BE APPLIED TOWARD GRADUATION
 9987005 MW 2:10-3:00
 MW 3:10-5:00
 MEETS: JAN 8-APRIL 25

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 8-MAY 4

MTHDS IN BIOMED SCI B M S 502 3 CREDITS
 5084005 TR 1:10-4:00
 MEETS: JAN 8-MAY 4

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 ROWE E
 TR 2:10-4:00
 F 2:10-4:00
 MEETS: JAN 8-MAY 4

BIOMEDICAL SCIENCES (CONTINUED)

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 BRACHA V
 WF 10:00-10:50 BRACHA V
 T 9:00-11:50 BRACHA V
 MEETS: JAN 8-MAY 4
 9325010 2 MTR 8:00-8:50 BRACHA V
 WF 10:00-10:50 BRACHA V
 R 9:00-11:50 BRACHA V
 MEETS: JAN 8-MAY 4

MOLEC BASIS DISEASE B M S 535X 1 CREDIT
 Prereq: GRADUATE STUDENT STATUS OR FIRST-YEAR
 CLASSIFICATION IN V MED
 9959005 M 1:10-2:00 GREENLEE M
 MEETS: JAN 8-MAY 4

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 UEMURA E
 M 10:00-11:50 UEMURA E
 MEETS: JAN 8-MAY 4
 6847010 2 MW 9:00-9:50 UEMURA E
 M 2:10-4:00 UEMURA E
 MEETS: JAN 8-MAY 4

PRINCPLS PHARMACLGY B M S 539 4 CREDITS
 5094005 MTWR 10:00-10:50 MARTIN R
 MEETS: JAN 8-MAY 4

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: JAN 8-MAY 4

INTRO CELL TECHNIQS B M S 542C 1 CREDIT
 Satisfactory-Fail Only.
 7135005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 8-MAY 4

GENERAL PHARMACOLGY B M S 554 3 CREDITS
 Prereq: B M S 549, B M S 552, BBMB 404, BBMB 405
 3531005 MR 1:10-2:00 DAY T
 T 11:00-11:50 DAY T
 MEETS: JAN 8-MAY 4

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 8-MAY 4

ADV TOPICS ANATOMY B M S 690A 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPC PHYSIOLOGY B M S 690B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC PHARMACOL B M S 690C 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPCS CELL BIOL B M S 690D 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR B M S 698A R CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 5776005 R 12:10-1:00 THIPPESWAMY T
 MEETS: JAN 8-MAY 4

BIOMEDICAL SCIENCES

(CONTINUED)

SEMINAR B M S 698B 1 CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 Satisfactory-Fail Only.
 6995005 R 12:10-1:00 THIPPESWAMY T
 MEETS: JAN 8-MAY 4

SEMINAR B M S 698C 1 CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 9735005 R 12:10-1:00 THIPPESWAMY T
 MEETS: JAN 8-MAY 4

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

BUSINESS ADMINISTRATION

(CONTINUED)

CAREERS&EMPLOY PREP BUSAD 203 1 CREDIT
 8860040 8 W 4:10-5:00
 MEETS: JAN 8-MAY 4

8860045 9 R 5:10-6:00PM
 MEETS: JAN 8-MAY 4

8860050 10 F 1:10-2:00
 MEETS: JAN 8-MAY 4

8860055 11 F 12:10-1:00
 MEETS: JAN 8-MAY 4

8860060 12 W 1:10-2:00
 MEETS: JAN 8-MAY 4

8860065 13 M 3:10-4:00
 MEETS: JAN 8-MAY 4

8860070 14 W 3:10-4:00
 MEETS: JAN 8-MAY 4

8860075 15 F 3:10-4:00
 MEETS: JAN 8-MAY 4

INTRO TO BUSINESS BUSAD 250 3 CREDITS

Prereq: COM S 113
 Note: SEC A1,B1 ETC RESTRICTED TO COLLEGE OF BUSINESS
 UNDERGRADS ONLY. SEC A2,B2 ETC FOR MAJORS
 OTHER THAN IN THE COLLEGE OF BUSINESS.

8807005 A1 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4

8807010 A2 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4

8807015 B1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

8807020 B2 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

8807025 C1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

8807030 C2 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

8807035 D1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

8807040 D2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

8807045 E1 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

8807050 E2 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

8807055 F1 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

8807060 F2 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

8807065 G1 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4

8807070 G2 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4

8807075 J1 MWF 4:10-5:00
 MEETS: JAN 8-MAY 4

8807080 J2 MWF 4:10-5:00
 MEETS: JAN 8-MAY 4

8807085 K1 MW 5:10-6:25PM
 MEETS: JAN 8-MAY 4

8807090 K2 MW 5:10-6:25PM
 MEETS: JAN 8-MAY 4

8807095 L1 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

8807100 L2 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

8807105 M1 M 6:40-9:25PM
 MEETS: JAN 8-MAY 4

8807110 M2 M 6:40-9:25PM
 MEETS: JAN 8-MAY 4

8807115 N1 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

8807120 N2 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

8807125 P1 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

8807130 P2 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

8807135 Q1 TR 2:10-3:25
 MEETS: JAN 8-MAY 4

8807140 Q2 TR 2:10-3:25
 MEETS: JAN 8-MAY 4

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
 8304005 T 2:10-3:25
 MEETS: JAN 8-MAY 4

COOPERATIVE EDUC BUSAD 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS
 PERMISSION OF KATHY WIELAND REQUIRED TO ADD.
 NO MORE THAN 3 ADDITIONAL CREDITS MAY BE
 TAKEN IN SAME SEMESTER AS BUSAD 398.
 Satisfactory-Fail Only.
 6147005 A ARRANGED
 MEETS: JAN 8-MAY 4
 Note: College permission required - go to
 1200 Gerdin.

BIORENEWABLE RESOURCES & TECHNOLOGY

FUND BIORENEW RESOU BRT 501 3 CREDITS
 Prereq: RECOMMENDED: INTRODUCTORY PHYSICS
 AND CHEMISTRY
 6534005 TR 9:30-10:45
 MEETS: JAN 8-MAY 4

6534605 XE ARRANGED BROWN R
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

BIOBASE SEM PRESENTN BRT 506C 1 CREDIT
 Satisfactory-Fail Only.
 2383005 ARRANGED BAUGHMAN J
 MEETS: JAN 8-MAY 4

INTL BIORNW LAW&POL BRT 516 3 CREDITS
 1445600 XW ARRANGED WANG Y
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

THRMOCHM PROC BIOMS BRT 535 3 CREDITS
 Prereq: UNDERGRAD COURSEWORK IN THERMODYNAMICS
 AND TRANSPORT PHENOMENA
 4858005 A TR 12:40-1:55
 MEETS: JAN 8-MAY 4

SPECIAL TOPICS BRT 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR OR MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BRT 699 VAR. CREDITS
 Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ADMINISTRATION

ORIENTATION BUSAD 103 1 CREDIT
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: BUSAD 101, BUSAD 101H,
 BUSAD 102, BUSAD 103, BUSAD 103X

9404005 1 M 8:00-8:50
 MEETS: JAN 8-MAY 4

9404010 2 M 4:10-5:00
 MEETS: JAN 8-MAY 4

9404015 3 W 8:00-8:50
 MEETS: JAN 8-MAY 4

9404020 4 W 10:00-10:50
 MEETS: JAN 8-MAY 4

9404025 5 W 4:10-5:00
 MEETS: JAN 8-MAY 4

9404030 6 F 8:00-8:50
 MEETS: JAN 8-MAY 4

9404035 7 F 10:00-10:50
 MEETS: JAN 8-MAY 4

CAREERS&EMPLOY PREP BUSAD 203 1 CREDIT
 Prereq: BUSAD 101 OR BUSAD 102
 Note: COURSE NOT OPEN TO FIRST TERM
 FRESHMAN

8860005 1 M 12:10-1:00
 MEETS: JAN 8-MAY 4

8860010 2 M 1:10-2:00
 MEETS: JAN 8-MAY 4

8860015 3 T 12:40-1:30
 MEETS: JAN 8-MAY 4

8860020 4 M 4:10-5:00
 MEETS: JAN 8-MAY 4

8860025 5 T 5:10-6:00PM
 MEETS: JAN 8-MAY 4

8860030 6 W 12:10-1:00
 MEETS: JAN 8-MAY 4

8860035 7 R 12:40-1:30
 MEETS: JAN 8-MAY 4

BUSINESS ADMINISTRATION (CONTINUED)

CHEMICAL ENGINEERING (CONTINUED)

IND STDY ENTREPRENR BUSAD 490E 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION; PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 3635005 ARRANGED
 MEETS: JAN 8-MAY 4

INDEP STUDY HONORS BUSAD 490H 1- 3 CREDITS
 Prereq: ADMISSION TO THE BUSINESS HONORS PROGRAM
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXP DOMESTC INTERNS BUSAD 491A 1- 3 CREDITS
 Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE.
 Note: FOR SOPH AND ABOVE IN THE COLLEGE OF BUSINESS. 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

PRO EXPERIENTL LRNG BUSAD 591 1- 3 CREDITS
 Prereq: GRADUATE STANDING; WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MBA PRO SKIL DEV II BUSAD 594 R CREDIT
 Prereq: 592
 Satisfactory-Fail Only.
 9425005 F 7:30-10:50 ACKERMAN R
 MEETS: JAN 12-APRIL 6

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 8-MAY 4

CREATIV COMP ACCNTG BUSAD 599A 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP FINANC BUSAD 599C 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MANAGMT BUSAD 599E 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MARKTNG BUSAD 599F 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP MGT INF SY BUSAD 599K 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATV COMPONEN SCM BUSAD 599L 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BUSAD 699 3- 6 CREDITS
 Prereq: GRAD CLASSIF, PERMISSION OF MAJOR PROF
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING

CH E PROBL CPTR LAB CH E 160 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165
 Note: COURSE RESTRICTED TO CH E MAJORS ONLY
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 2778005 A MW 12:10-1:00
 ARRANGED
 MEETS: JAN 8-MAY 4

2778010 B MW 1:10-2:00, ARRANGED
 MEETS: JAN 8-MAY 4

2778015 C MW 2:10-3:00, ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

COMPUT MTHDS CHEM E CH E 310 3 CREDITS
 Prereq: CH E 160, CH E 205, CH E 210, MATH 265
 2104005 A TR 2:10-3:30
 MEETS: JAN 8-MAY 4

2104010 B TR 2:10-3:30
 MEETS: JAN 8-MAY 4

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 8-MAY 4

5699010 B MW 2:10-4:00
 MEETS: JAN 8-MAY 4

5699015 C MW 12:10-2:00
 MEETS: JAN 8-MAY 4

5699020 D MW 2:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

2435010 B MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

SEPARATIONS CH E 358 3 CREDITS
 Prereq: CH E 310, CH E 357
 2437005 A MWF 4:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 M 5:10-6:00PM
 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: STUDY ABROAD PREP: OVIEDO, SPAIN

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

ENVIR CHEMODYNAMICS CH E 406 3 CREDITS
 Prereq: CH E 381, CREDIT OR ENROLLMENT IN CH E 358
 4532005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

CHEMICAL ENGINEERING (CONTINUED)

CHEMICAL ENGINEERING (CONTINUED)

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 8-MAY 4

CHEMC PROCSS SAFETY CH E 420 3 CREDITS
 Prereq: CH E 357, CH E 381; JUNIOR CLASSIFICATION
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.
 7965005 A MWF 8:00-8:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

CHEMICAL ENGR LAB II CH E 426 2 CREDITS
 Prereq: CH E 325, CH E 358, CH E 382
 Note: RESTRICTED TO CH E SENIORS GRADUATING SPRING 2017
 CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 2448005 A T 8:00-11:50
 MEETS: JAN 8-MAY 4
 2448010 B T 2:10-6:00PM
 MEETS: JAN 8-MAY 4
 2448015 C R 8:00-11:50
 MEETS: JAN 8-MAY 4
 2448020 D R 2:10-6:00PM
 MEETS: JAN 8-MAY 4

PROCES&PLANT DESIGN CH E 430 4 CREDITS
 Prereq: CH E 358, CH E 382
 Note: COURSE RESTRICTED TO CH E MAJORS GRADUATING S18
 2449005 A MW 9:00-9:50
 MW 10:00-11:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

ADV CH REACTOR DSGN CH E 587 3 CREDITS
 Prereq: CH E 382
 2468005 MW 9:00-10:20
 MEETS: JAN 8-MAY 4

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 8-MAY 4

MULTIPHASE FLOW CH E 632 3 CREDITS
 Prereq: M E 538
 2678005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 2678605 XE ARRANGED JUAREZ J
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

PRIN&AP MOLEC SIMUL CH E 642 3 CREDITS
 Prereq: CH E 545
 8061005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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

ADV TOP NANO MATRLS CH E 695J VAR. CREDITS
 9722005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

ENGINEER INTERNSHIP CH E 697 R CREDIT
 Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF
 2116005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Department permission required.

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

CHEMISTRY

COLLEGE CHEM PREP CHEM 50 0 CREDITS
 Prereq: ONE YEAR OF HIGH SCHOOL ALGEBRA
 Note: DEVELOPMENTAL CHEM FEE APPLIES. SEE TUITION AND
 FEES WEBSITE FOR MORE INFORMATION ON FEE. CREDIT FOR
 CHEM 50 DOES NOT APPLY TOWARD GRADUATION.
 4523010 MTWRF 12:10-1:00 BURKE K
 MEETS: MARCH 5-MAY 4
 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 T 4:10-5:00 STANLEY L
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 8675010 2 M 3:10-4:00
 TR 12:10-2:00
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 8675015 3 M 3:10-4:00
 TR 2:10-4:00
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 8675020 4 M 3:10-4:00
 TR 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 8675025 5 T 3:40-4:30
 WF 8:00-9:50
 MEETS: JAN 8-MAY 4
 8675030 6 T 3:40-4:30
 WF 10:00-11:50
 MEETS: JAN 8-MAY 4
 8675035 7 T 3:40-4:30
 WF 12:10-2:00
 MEETS: JAN 8-MAY 4
 8675040 8 M 3:10-4:00
 TR 2:10-4:00
 MEETS: JAN 8-MAY 4

CHEM IN MOD SOCIETY CHEM 160 3 CREDITS
 2488005 TR 11:00-12:15 APPY D
 MEETS: JAN 8-MAY 4
 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 BURKE K
 R 8:00-8:50 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489010 2 MWF 9:00-9:50 BURKE K
 R 8:00-8:50 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489015 3 MWF 9:00-9:50 BURKE K
 R 9:00-9:50 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489020 4 MWF 9:00-9:50 BURKE K
 R 9:00-9:50 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489025 5 MWF 9:00-9:50 BURKE K
 R 10:00-10:50 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489030 6 MWF 9:00-9:50 BURKE K
 R 10:00-10:50 BURKE K
 MEETS: JAN 8-MAY 4

CHEMISTRY

(CONTINUED)

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS
 Section info: <http://courses.chem.iastate.edu>
 2489035 7 MWF 9:00-9:50 BURKE K
 R 10:00-10:50 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489040 8 MWF 9:00-9:50 BURKE K
 R 11:00-11:50 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489045 9 MWF 9:00-9:50 BURKE K
 R 11:00-11:50 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489050 10 MWF 9:00-9:50 BURKE K
 R 12:10-1:00 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489055 11 MWF 9:00-9:50 BURKE K
 R 12:10-1:00 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489060 12 MWF 9:00-9:50 BURKE K
 R 1:10-2:00 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489065 13 MWF 9:00-9:50 BURKE K
 R 1:10-2:00 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489070 14 MWF 9:00-9:50 BURKE K
 R 2:10-3:00 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489075 15 MWF 9:00-9:50 BURKE K
 R 2:10-3:00 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489080 16 MWF 9:00-9:50 BURKE K
 R 3:10-4:00 BURKE K
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2489085 17 MWF 9:00-9:50 BURKE K
 R 3:10-4:00 BURKE K
 MEETS: JAN 8-MAY 4

GENERAL CHEM LAB I CHEM 163L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 163
 Note: MUST BE ACCOMPANIED BY CHEM 163 UNLESS STUDENT ALREADY HAS CREDIT IN 163. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L
 2490005 1 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490010 2 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490015 3 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490020 4 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490025 5 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490030 6 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490035 7 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490040 8 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490045 9 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490050 10 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490055 11 W 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490060 12 W 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490065 13 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490070 14 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490075 15 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490080 16 R 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490085 17 R 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490090 18 R 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4

CHEMISTRY

(CONTINUED)

GENERAL CHEM LAB I CHEM 163L 1 CREDIT
 Section info: <http://courses.chem.iastate.edu>
 2490095 19 R 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2490100 20 R 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 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 ROSSINI A
 T 8:00-8:50 ROSSINI A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2493010 2 MWF 9:00-9:50 ROSSINI A
 T 9:00-9:50 ROSSINI A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2493015 3 MWF 9:00-9:50 ROSSINI A
 T 9:00-9:50 ROSSINI A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2493020 4 MWF 9:00-9:50 ROSSINI A
 T 10:00-10:50 ROSSINI A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2493055 5 MWF 9:00-9:50 ROSSINI A
 T 11:00-11:50 ROSSINI A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2493030 6 MWF 9:00-9:50 ROSSINI A
 T 12:10-1:00 ROSSINI A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2493035 7 MWF 9:00-9:50 ROSSINI A
 T 1:10-2:00 ROSSINI A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2493040 8 MWF 9:00-9:50 ROSSINI A
 T 2:10-3:00 ROSSINI A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2493045 9 MWF 9:00-9:50 ROSSINI A
 T 2:10-3:00 ROSSINI A
 MEETS: JAN 8-MAY 4
 2493050 10 MWF 9:00-9:50 ROSSINI A
 T 3:10-6:00PM ROSSINI A
 MEETS: JAN 8-MAY 4

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 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2494010 2 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
 Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR 1 YR H.S. CHEM, CR OR ENROLLMENT IN CHEM 177L. CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
 Note: CHEM 177 MUST BE ACCOMPANIED BY CHEM 177L UNLESS STUDENT ALREADY HAS CREDIT IN 177L. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 2495005 1 MWF 10:00-10:50 DUTTON A
 R 8:00-8:50 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495010 2 MWF 10:00-10:50 DUTTON A
 R 8:00-8:50 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495015 3 MWF 10:00-10:50 DUTTON A
 R 9:00-9:50 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495020 4 MWF 10:00-10:50 DUTTON A
 R 10:00-10:50 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495025 5 MWF 10:00-10:50 DUTTON A
 R 10:00-10:50 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495030 6 MWF 10:00-10:50 DUTTON A
 R 11:00-11:50 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

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GENERAL CHEMISTRY I CHEM 177 4 CREDITS
 2495035 7 MWF 10:00-10:50 DUTTON A
 R 12:10-1:00 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495040 8 MWF 10:00-10:50 DUTTON A
 R 12:10-1:00 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495045 9 MWF 10:00-10:50 DUTTON A
 R 1:10-2:00 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495050 10 MWF 10:00-10:50 DUTTON A
 R 2:10-3:00 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495055 11 MWF 10:00-10:50 DUTTON A
 R 3:10-4:00 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495060 12 MWF 10:00-10:50 DUTTON A
 R 4:10-5:00 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495065 13 MWF 12:10-1:00 ANAND R
 R 8:00-8:50 ANAND R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495070 14 MWF 10:00-10:50 DUTTON A
 R 8:00-8:50 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495075 15 MWF 10:00-10:50 DUTTON A
 R 9:00-9:50 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495080 16 MWF 10:00-10:50 DUTTON A
 R 9:00-9:50 DUTTON A
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495085 17 MWF 12:10-1:00 ANAND R
 R 10:00-10:50 ANAND R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495090 18 MWF 12:10-1:00 ANAND R
 R 10:00-10:50 ANAND R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495095 19 MWF 12:10-1:00 ANAND R
 R 11:00-11:50 ANAND R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495100 20 MWF 12:10-1:00 ANAND R
 R 11:00-11:50 ANAND R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495105 21 MWF 12:10-1:00 ANAND R
 R 12:10-1:00 ANAND R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495110 22 MWF 12:10-1:00 ANAND R
 R 1:10-2:00 ANAND R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495115 23 MWF 12:10-1:00 ANAND R
 R 1:10-2:00 ANAND R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495120 24 MWF 12:10-1:00 ANAND R
 R 1:10-2:00 ANAND R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2495125 25 MWF 12:10-1:00 ANAND R
 R 2:10-3:00 ANAND R
 MEETS: JAN 8-MAY 4
 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 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496010 2 M 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496015 3 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496020 4 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496025 5 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496030 6 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496035 7 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

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LAB GENERAL CHEM I CHEM 177L 1 CREDIT
 2496040 8 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496045 9 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496050 10 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496055 11 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496060 12 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496065 13 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496070 14 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496075 15 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496080 16 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496085 17 W 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496090 18 W 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496095 19 W 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496100 20 W 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496105 21 W 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496110 22 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496115 23 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496120 24 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496125 25 R 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496126 26 R 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496127 27 R 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496128 28 R 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496129 29 R 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2496130 30 R 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 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 MW 1:10-2:00 BONACCORSI C
 F 8:00-8:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2499010 2 MW 1:10-2:00 BONACCORSI C
 F 8:00-8:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2499015 3 MW 1:10-2:00 BONACCORSI C
 F 9:00-9:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2499020 4 MW 1:10-2:00 BONACCORSI C
 F 9:00-9:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2499025 5 MW 1:10-2:00 BONACCORSI C
 F 10:00-10:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2499030 6 MW 1:10-2:00 BONACCORSI C
 F 10:00-10:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2499035 7 MW 1:10-2:00 BONACCORSI C
 F 10:00-10:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

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GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 2499040 8 MW 1:10-2:00 BONACCORSI C
 F 11:00-11:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499045 9 MW 1:10-2:00 BONACCORSI C
 F 11:00-11:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499050 10 MW 1:10-2:00 BONACCORSI C
 F 11:00-11:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499055 11 MW 1:10-2:00 BONACCORSI C
 F 12:10-1:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499060 12 MW 1:10-2:00 BONACCORSI C
 F 12:10-1:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499065 13 MW 1:10-2:00 BONACCORSI C
 F 1:10-2:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499070 14 MW 1:10-2:00 BONACCORSI C
 F 1:10-2:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499075 15 MW 1:10-2:00 BONACCORSI C
 F 2:10-3:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499080 16 MW 1:10-2:00 BONACCORSI C
 F 2:10-3:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499085 17 MW 1:10-2:00 BONACCORSI C
 F 3:10-4:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499090 18 MW 3:10-4:00 BONACCORSI C
 F 8:00-8:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499095 19 MW 3:10-4:00 BONACCORSI C
 F 8:00-8:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499100 20 MW 3:10-4:00 BONACCORSI C
 F 9:00-9:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499105 21 MW 3:10-4:00 BONACCORSI C
 F 9:00-9:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499110 22 MW 3:10-4:00 BONACCORSI C
 F 9:00-9:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499115 23 MW 3:10-4:00 BONACCORSI C
 F 10:00-10:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499120 24 MW 3:10-4:00 BONACCORSI C
 F 11:00-11:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499125 25 MW 3:10-4:00 BONACCORSI C
 F 10:00-10:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499130 26 MW 3:10-4:00 BONACCORSI C
 F 11:00-11:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499135 27 MW 3:10-4:00 BONACCORSI C
 F 12:10-1:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499140 28 TR 11:00-11:50 VELA-BECERRA J
 F 12:10-1:00 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499145 29 MWF 3:10-4:00 BONACCORSI C
 F 1:10-2:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499150 30 MW 3:10-4:00 BONACCORSI C
 F 1:10-2:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499155 31 MW 3:10-4:00 BONACCORSI C
 F 2:10-3:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499160 32 MW 3:10-4:00 BONACCORSI C
 F 2:10-3:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499165 33 MW 3:10-4:00 BONACCORSI C
 F 3:10-4:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu

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GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 2499170 34 MW 3:10-4:00 BONACCORSI C
 F 3:10-4:00 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499175 35 MW 3:10-4:00 BONACCORSI C
 F 8:00-8:50 BONACCORSI C
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499180 36 TR 11:00-11:50 VELA-BECERRA J
 F 8:00-8:50 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499185 37 TR 11:00-11:50 VELA-BECERRA J
 F 9:00-9:50 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499190 38 TR 11:00-11:50 VELA-BECERRA J
 F 9:00-9:50 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 Note: SEC 38 RESTRICTED TO HONORS STUDENTS ONLY
 Section info: http://courses.chem.iastate.edu
 2499195 39 TR 11:00-11:50 VELA-BECERRA J
 F 10:00-10:50 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499200 40 TR 11:00-11:50 VELA-BECERRA J
 F 10:00-10:50 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2499205 41 TR 11:00-11:50 VELA-BECERRA J
 F 11:00-11:50 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 2499210 42 TR 11:00-11:50 VELA-BECERRA J
 F 12:10-1:00 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 2499215 43 TR 11:00-11:50 VELA-BECERRA J
 F 12:10-1:00 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 2499220 44 TR 11:00-11:50 VELA-BECERRA J
 F 1:10-2:00 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 2499225 45 TR 11:00-11:50 VELA-BECERRA J
 F 1:10-2:00 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 2499230 46 TR 11:00-11:50 VELA-BECERRA J
 F 2:10-3:00 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 2499235 47 TR 11:00-11:50 VELA-BECERRA J
 F 3:10-4:00 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 LAB GENERAL CHEM II CHEM 178L 1 CREDIT
 Prereq: CHEM 177L AND CREDIT OR ENROLLMENT
 IN CHEM 178
 Note: MUST BE ACCOMPANIED BY OR HAVE CREDIT IN 178.
 2500005 1 M 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500010 2 M 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500015 3 M 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500020 4 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500025 5 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500030 6 M 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500035 7 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500040 8 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500045 9 M 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500050 10 M 6:10-9:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500055 11 M 6:10-9:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500060 12 M 6:10-9:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500065 13 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500070 14 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500075 15 T 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500080 16 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: http://courses.chem.iastate.edu
 2500085 17 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4

CHEMISTRY (CONTINUED)

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
 Section info: <http://courses.chem.iastate.edu>
 2500090 18 T 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500095 19 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500100 20 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500105 21 T 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500110 22 T 6:10-9:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500115 23 T 6:10-9:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500120 24 W 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500125 25 W 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500130 26 W 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500135 27 W 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500140 28 W 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500145 29 W 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500150 30 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500155 31 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500160 32 W 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500165 33 R 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500170 34 R 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500175 35 R 9:00-11:50 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500180 36 R 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500185 37 R 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500190 38 R 12:10-3:00 PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500195 39 R 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500200 40 R 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2500205 41 R 3:10-6:00PM PISTOLESI S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 QUANT&ENVIRO ANALYS CHEM 211 2 CREDITS
 Prereq: CHEM 163 AND CHEM 163L, CHEM 201
 AND CHEM 201L; OR CREDIT OR ENROLLMENT IN CHEM 178;
 AND CONCURRENT ENROLLMENT IN CHEM 211L
 2503005 1 MW 11:00-11:50 HOUK R
 MEETS: JAN 8-MAY 4
 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 HOUK R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 3678010 2 MW 3:10-6:00PM HOUK R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 3678015 3 TR 9:00-11:50 HOUK R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 3678020 4 TR 12:10-3:00 HOUK R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 3678025 5 TR 3:10-6:00PM HOUK R
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

ELEM ORGANIC CHEM CHEM 231 3 CREDITS
 Prereq: 163,163L, OR 177,177L; CR OR ENR IN 231L
 Note: CREDIT FOR EITHER CHEM 231 OR BBMB 221, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR
 EITHER CHEM 231 (AND 231L) OR CHEM 331 (AND 331L),
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2504005 MWF 11:00-11:50 APPY D
 MEETS: JAN 8-MAY 4
 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
 7900005 1 M 8:00-8:50 FERNANDO T
 M 9:00-10:50
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 7900010 2 M 12:10-1:00 FERNANDO T
 M 1:10-3:00
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 7900015 3 M 3:10-4:00 FERNANDO T
 M 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 7900020 4 M 6:10-7:00PM FERNANDO T
 M 7:10-9:00PM
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 7900025 5 T 9:00-9:50 FERNANDO T
 T 10:00-11:50
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 7900030 6 T 12:10-1:00 FERNANDO T
 T 1:10-3:00
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 7900035 7 T 3:10-4:00 FERNANDO T
 T 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 7900040 8 T 6:10-7:00PM FERNANDO T
 T 7:10-9:00PM
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 7900045 9 W 8:00-8:50 FERNANDO T
 W 9:00-10:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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>
 2511005 1 WF 2:10-3:00
 MW 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2511010 2 WF 2:10-3:00
 TR 9:00-11:50
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2511015 3 WF 2:10-3:00
 TR 12:10-3:00
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2511020 4 WF 2:10-3:00
 TR 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 PHYSICAL CHEM LAB CHEM 322L 3 CREDITS
 Prereq: CHEM 324 OR CHEM 325
 Note: THE WF 2 RECITATION MEETS THE FIRST FIVE WEEKS
 ONLY. CREDIT FOR EITHER CHEM 321L OR CHEM 322L, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>
 2515005 1 WF 2:10-3:00
 MW 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2515010 2 WF 2:10-3:00
 TR 9:00-11:50
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

PHYSICAL CHEM LAB CHEM 322L 3 CREDITS
 2515015 3 WF 2:10-3:00
 TR 12:10-3:00
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2515020 4 WF 2:10-3:00
 TR 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 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 HEIDEMAN S
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5202010 2 MWF 10:00-10:50 POTOYAN D
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>

CHEMICAL THERMODYNAM CHEM 325 3 CREDITS
 Prereq: CHEM 178, MATH 166. PHYS 222 RECOMMENDED.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>
 5224005 1 MWF 9:00-9:50 BURNETT J
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RECOMMENDED FOR CHEMICAL ENGINEERING MAJORS
 Section info: <http://courses.chem.iastate.edu>
 5224010 2 MWF 9:00-9:50 VENDITTI V
 MEETS: JAN 8-MAY 4
 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 HUANG W
 MEETS: JAN 8-MAY 4
 Note: SEC 3 RESTRICTED TO AGBIO, CHEM & BIOCH MAJORS WHO HAVE TAKEN FOR CHEM 324
 Section info: <http://courses.chem.iastate.edu>
 5224020 4 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 4 RECOMMENDED FOR CH E 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.
 9902005 1 TR 4:10-5:00
 MEETS: MARCH 5-MAY 4
 9902010 2 TR 4:10-5:00
 MEETS: JAN 8-MARCH 2

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 KRAUS G
 MEETS: JAN 8-MAY 4
 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
 5270005 1 M 9:00-11:50 FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5270010 2 M 12:10-3:00 FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5270015 3 M 3:10-6:00PM FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5270020 4 M 6:10-9:00PM FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5270025 5 W 12:10-3:00 FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5270030 6 W 3:10-6:00PM FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5270035 7 R 9:00-11:50 FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5270040 8 R 12:10-3:00 FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5270045 9 R 3:10-6:00PM FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

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 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2517010 2 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2517015 3 MWF 10:00-10:50 VANVELLER B
 MEETS: JAN 8-MAY 4
 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
 5272005 1 T 9:00-11:50 FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5272010 2 T 12:10-3:00 FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5272015 3 T 3:40-6:30PM FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5272020 4 W 9:00-11:50 FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5272025 5 W 12:10-3:00 FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5272030 6 W 3:10-6:00PM FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5272035 7 R 9:00-11:50 FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5272040 8 R 12:10-3:00 FERNANDO T
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5272045 9 R 3:40-6:30PM FERNANDO T
 MEETS: JAN 8-MAY 4
 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 VANVELLER B
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5645010 2 MW 3:10-6:00PM VANVELLER B
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 5645015 3 TR 3:40-6:30PM VANVELLER B
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2524010 2 T 12:10-3:00
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2524015 3 R 9:00-11:50
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu>
 2524020 4 R 12:10-3:00
 MEETS: JAN 8-MAY 4
 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

CHEMISTRY (CONTINUED)

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 SMITH E
 MEETS: JAN 8-MAY 4

ANALYTIC SEPARATION CHEM 516 3 CREDITS
 Prereq: 316, 316L, 324, 322L
 2539005 MWF 9:00-9:50 ANDERSON J
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu/>

ORGANIC SYNTHESIS I CHEM 531 2 CREDITS
 Prereq: 332
 9267005 TR 10:00-10:50 STANLEY L
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu/>

PHYS ORGANC CHEM II CHEM 538 3 CREDITS
 Prereq: 537
 2543005 TR 12:40-2:00 WINTER A
 MEETS: JAN 8-MAY 4

SAFETY IN CHEM LAB CHEM 550 1 CREDIT
 Prereq: 332L
 Satisfactory-Fail Only.
 4295005 TR 8:00-8:50 HUANG W
 MEETS: JAN 8-MARCH 2
 Section info: <http://courses.chem.iastate.edu/>

TEACHI COLLEGE CHEM CHEM 555 2 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 2546005 TR 1:10-2:00
 MEETS: JAN 8-MAY 4

ATOMIC&MOLEC Q MECH CHEM 562 3 CREDITS
 Prereq: 561, CREDIT OR ENROLLMENT IN 583
 2549005 M 12:10-1:30 GORDON M
 W 12:10-1:30 GORDON M
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu/>

STATISTCL MECHANICS CHEM 563 3 CREDITS
 Prereq: 325
 2550005 MW 1:40-3:00 SONG X
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu/>

SOLID-STATE CHEM CHEM 571 2 CREDITS
 Prereq: 301,324
 2554005 TR 11:00-11:50 MILLER G
 MEETS: JAN 8-MAY 4

NANOCHEMISTRY CHEM 573 2 CREDITS
 Prereq: CHEM 301, CHEM 324
 2919005 TR 11:00-11:50
 MEETS: JAN 8-MAY 4

MASS SPECTROMETRY CHEM 577 3 CREDITS
 2560005 TR 9:30-10:50 LEE Y
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu/>

KINETICS &MECHANISMS CHEM 578 2 CREDITS
 Prereq: CHEM 324
 2561005 MW 9:00-9:50
 MEETS: JAN 8-MAY 4

CHEMICAL GROUP THRY CHEM 583 1 CREDIT
 Prereq: 324
 5657005 TR 1:10-2:00 GORDON M
 MEETS: JAN 8-MARCH 2
 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 VELA-BECERRA J
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu/>

SEMINR ANALYTIC CHEM CHEM 611 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2565005 F 2:30-4:00 SMITH E
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu/>

CHEMISTRY (CONTINUED)

SEMINR ORGANIC CHEM CHEM 631 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2566005 F 1:10-2:30 ZHAO Y
 MEETS: JAN 8-MAY 4
 Section info: <http://courses.chem.iastate.edu/>

SEMINR PHYSICAL CHEM CHEM 660 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2568005 F 4:10-5:30 PRUSKI M
 MEETS: JAN 8-MAY 4
 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 4 CREDITS
 Prereq: 101
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 Meets international perspectives reqmt
 7374005 1 MTWR 10:00-10:50
 MEETS: JAN 8-MAY 4
 7374010 2 MTWR 11:00-11:50
 MEETS: JAN 8-MAY 4

INTM MAND CHINES II CHIN 202 4 CREDITS
 Prereq: 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
 Meets international perspectives reqmt
 7768005 1 MTWR 11:00-11:50
 MEETS: JAN 8-MAY 4

INTRO CHINES CULTUR CHIN 272 3 CREDITS
 Note: Meets international perspectives reqmt
 8252005 1 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

ADV MANDARIN CHI II CHIN 302 3 CREDITS
 Prereq: 301 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 5405005 1 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

CHINA TODAY CHIN 375 3- 4 CREDITS
 Prereq: ENGL 250 OR ENGL 105 OR EQUIVALENT
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018.
 TOPIC: CONTEMPORARY CHINESE POPULAR CULTURE.
 Meets international perspectives reqmt
 5347005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY CHIN 490 1- 6 CREDITS
 Prereq: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR
 Note: Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSH IN CHINESE CHIN 499X 1- 3 CREDITS
 Prereq: 9 CREDITS OF CHINESE AT THE 300 LEVEL;
 PERMISSION OF ADVISER AND WLC INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING

INTRO CIVIL ENG PRO C E 105 1 CREDIT
 4906005 W 3:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 7242010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 8-MAY 4
 7242015 3 MF 2:10-3:00
 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 7242020 4 MF 2:10-3:00
 R 2:10-5:00
 MEETS: JAN 8-MAY 4
 7242025 5 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 8-MAY 4

CIVIL ENGR LRN COMM C E 120 R CREDIT
 Satisfactory-Fail Only.
 8518005 1 TR 4:10-5:25
 MEETS: JAN 8-MAY 4

CIVIL ENGINEERING (CONTINUED)

ENGR PROB COMPUT 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 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 8-MAY 4
 2911010 2 TR 3:10-5:00
 MEETS: JAN 8-MAY 4
 2911015 3 TR 8:00-9:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 3515010 2 MW 12:10-2:00
 MEETS: JAN 8-MAY 4
 3515015 3 MW 3:10-5:00
 MEETS: JAN 8-MAY 4

ECON ANALY&PRO ISSU C E 206 3 CREDITS
 Prereq: MATH 166, ENGL 250, C E 105.
 ECON 101 RECOMMENDED.
 1915005 MW 1:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 4943010 2 MW 3:10-4:00
 T 8:00-10:50
 MEETS: JAN 8-MAY 4
 4943015 3 MW 3:10-4:00
 T 11:00-1:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Section info: [http://www.public.iastate.edu/~tge
 /courses/ce326/homepage.html](http://www.public.iastate.edu/~tge/courses/ce326/homepage.html)
 2284010 2 MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 8-MAY 4
 Section info: [http://www.public.iastate.edu/~tge
 /courses/ce326/homepage.html](http://www.public.iastate.edu/~tge/courses/ce326/homepage.html)
 2284015 3 TR 9:30-10:20
 R 12:10-2:00
 MEETS: JAN 8-MAY 4
 2284020 4 TR 9:30-10:20
 T 12:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 2285010 2 MWF 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 8-MAY 4
 2285015 3 MWF 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 8-MAY 4
 2285020 4 MWF 8:00-8:50
 F 9:00-9:50
 MEETS: JAN 8-MAY 4

STRUCT STEEL DSGN I C E 333 3 CREDITS
 Prereq: 332, E M 327
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).
 2286005 1 MWF 8:00-8:50
 R 9:30-10:20
 MEETS: JAN 8-MAY 4
 2286010 2 TR 12:40-1:55
 T 9:30-10:20
 MEETS: JAN 8-MAY 4

CIVIL ENGINEERING (CONTINUED)

REIN CONCRETE DSN I C E 334 3 CREDITS
 Prereq: 332, E M 327
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

2287005 1 MWF 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 8-MAY 4
 2287010 2 TR 3:40-4:55
 M 11:00-11:50PM
 MEETS: JAN 8-MAY 4

PRIN TRANSPORTN ENG C E 355 3 CREDITS
 Prereq: C E 111
 2924005 1 TR 3:40-4:55
 MEETS: JAN 8-MAY 4

GEOTECHNICL ENGNRNG C E 360 3 CREDITS
 Prereq: E M 324, CREDIT OR ENROLLMENT IN GEOL 201
 Note: COURSE RESTRICTED TO ENGINEERING COLLEGE MAJORS
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

2291005 1 MF 12:10-1:00
 T 8:00-10:50
 MEETS: JAN 8-MAY 4
 2291010 2 MF 12:10-1:00
 T 12:10-3:00
 MEETS: JAN 8-MAY 4
 2291015 3 MF 12:10-1:00
 R 8:00-10:50
 MEETS: JAN 8-MAY 4
 2291020 4 MF 12:10-1:00
 R 12:10-3:00
 MEETS: JAN 8-MAY 4
 2291025 5 MF 12:10-1:00
 R 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 2291030 6 MF 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

DESIGN OF CONCRETES C E 382 3 CREDITS
 Prereq: E M 274
 Note: CREDIT IN C E 382 OR C E 383, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION

2294005 1 MF 2:10-3:00
 T 8:00-10:50
 MEETS: JAN 8-MAY 4
 2294010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 8-MAY 4
 2294015 3 MF 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 8-MAY 4
 2294020 4 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 8-MAY 4
 2294025 5 MF 2:10-3:00
 W 2:10-5:00
 MEETS: JAN 8-MAY 4
 2294030 6 MF 2:10-3:00
 F 3:10-6:00PM
 MEETS: JAN 8-MAY 4

DSGN PORTLAND CEMNT C E 383 1 CREDIT
 Prereq: E M 274
 Note: CREDIT IN C E 382 OR C E 383, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION

9480005 1 R 3:10-5:00
 MEETS: JAN 8-MAY 4
 9480010 2 T 3:10-5:00
 MEETS: JAN 8-MAY 4

GLBL PRSPCTV TRNSPT C E 395X 3 CREDITS
 Prereq: C E 355 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 6672005 1 ARRANGED
 MEETS: JAN 8-MAY 4

COOPERATIVE EDUC C E 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 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 5-MAY 4
 Note: SEC 1 RESTRICTED TO STUDENTS GRADUATING SPRING
 2018 OR SUMMER 2018
 7351010 2 M 5:10-6:00PM
 MEETS: MARCH 5-MAY 4
 Note: SEC 2 RESTRICTED TO CONCURRENT GRADUATE
 STUDENTS

CIVIL ENGINEERING (CONTINUED)

LAND SURVEYING C E 417 3 CREDITS
 Prereq: 111
 7565005 1 MF 10:00-10:50
 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4

7565010 2 MF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 8-MAY 4

WASTEWTR TREATM DSN C E 428 3 CREDITS
 Prereq: 326
 6106005 1 TR 8:00-9:15, ARRANGED
 MEETS: JAN 8-MAY 4

BUILDING DESIGN C E 448 3 CREDITS
 Prereq: 333, 334
 7568005 1 MW 3:10-5:00
 MEETS: JAN 8-MAY 4

HIGHWAY DESIGN C E 453 3 CREDITS
 Prereq: C E 306, C E 355
 Note: RESTRICTED TO STUDENTS GRADUATING SPRING 2018,
 SUMMER 2018 OR FALL 2018
 2302005 1 MW 9:00-9:50
 R 2:10-4:00
 MEETS: JAN 8-MAY 4

2302010 2 MW 9:00-9:50
 R 4:10-6:00PM
 MEETS: JAN 8-MAY 4

FOUNDATION ENGINEER C E 460 3 CREDITS
 Prereq: 360
 2303005 1 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

PAVEMENT ANLYS&DSGN C E 483 3 CREDITS
 Prereq: C E 382, C E 360
 7748005 1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

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
 '18 OR SUMMER '18.
 2131005 1 MF 12:10-1:00
 T 11:00-1:00
 MEETS: JAN 8-MAY 4

2131010 2 MF 12:10-1:00
 T 3:10-5:00
 MEETS: JAN 8-MAY 4

2131015 3 MF 12:10-1:00
 R 11:00-1:00
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY C E 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C E 490H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
 THE HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONSTR ENGR&MANAGMT C E 502 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CON E 422
 8715005 1 M 5:10-8:00PM
 MEETS: JAN 8-MAY 4

8715600 XE ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

DESIGN CONSTRUC SYS C E 505 3 CREDITS
 Prereq: 334, 360, CON E 322 AND 340 JAHREN C
 1947600 XE ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

WTR POLL CNTRL PROC C E 522 3 CREDITS
 Prereq: 521
 2320005 1 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

PHY-CHEM TREAT PROC C E 523 3 CREDITS
 Prereq: 520
 2321005 TR 4:10-5:30
 MEETS: JAN 8-MAY 4

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 8-MAY 4

CIVIL ENGINEERING (CONTINUED)

REIN CONCR DESGN II C E 534 3 CREDITS
 Prereq: C E 334
 2333005 1 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

BUILDING DESIGN C E 548 3 CREDITS
 Prereq: C E 333, C E 334
 1942005 1 MW 3:10-5:00
 MEETS: JAN 8-MAY 4

FUND SOIL MECHANICS C E 560 3 CREDITS
 Prereq: 360
 2340005 1 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4

APPL FOUNDATN ENGR C E 561 3 CREDITS
 Prereq: 460
 2367005 1 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

SURFC WTR HYDROLOGY C E 571 3 CREDITS
 Prereq: 372
 2343005 1 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4

ENVIRONMENTAL FLOWS C E 576 3 CREDITS
 Prereq: E M 378 OR EQUIVALENT
 5109005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

GEOTECH&MAT ENG SEM C E 581 R CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 2655005 1 W 12:10-1:50
 MEETS: JAN 8-MAY 4

PAVEMENT ANLYS&DSGN C E 583 3 CREDITS
 Prereq: 382, 360
 7772005 1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

ADV ASPHALT MATERLS C E 586 3 CREDITS
 Prereq: 382
 1075005 1 M 9:00-10:50
 F 8:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

SPL TOP CONSTR PLAN C E 594A 1- 3 CREDITS
 Prereq: CON E 322, CON E 340 OR C E 306, AND
 PERMISSION OF INSTRUCTOR
 2925600 XE ARRANGED CETIN K
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.
 Section XE is off campus
 Course delivery is WWW

SPL TOP HWY&HVY CON C E 5940 1- 3 CREDITS
 Prereq: CON E 322, CON E 340 OR C E 306, AND
 PERMISSION OF INSTRUCTOR
 2217005 1 ARRANGED
 MEETS: JAN 8-MAY 4

2217605 XE ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.
 Section XE is off campus
 Course delivery is WWW

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 1 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

2354605 XE ARRANGED CETIN K
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.
 Section XE is off campus
 Course delivery is WWW

RSRCH MTD5 SEM:TECH C E 595B 1 CREDIT
 Prereq: CREDIT OR ENRLMT IN C E 501, C E 502,
 C E 503, OR C E 505
 4294005 1 M 2:10-4:00
 MEETS: JAN 8-MAY 4

CREATIVE COMPONENT C E 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING (CONTINUED)

ADV TP TRNSP:TRAFFC C E 650B 3 CREDITS
 Prereq: PERMISSION OF TRANSPORTATION ENGR
 GRADUATE FACULTY
 9042005 1 R 8:00-9:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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

CLASSICAL STUDIES

GREEK &ROMAN MYTHOL CL ST 273 3 CREDITS
 Note: Meets international perspectives reqmt
 2586005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: Materials and equipment use fee \$25.00

THE ANCIENT CITY CL ST 275 3 CREDITS
 Note: Meets international perspectives reqmt
 4315005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

RHETORICAL TRADITNS CL ST 350 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 2176005 A1 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM
 MAJORS ONLY
 2176010 A2 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM

RELIGION ANC GR&ROM CL ST 368X 3 CREDITS
 Note: Meets international perspectives reqmt
 9900005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

PHONETICS&PHONOLOGY CMDIS 371 3 CREDITS
 Prereq: ENGL 219
 2610005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

COMMUNICATION STUDIES

INTRO COMMUNIC STDI COMST 101 3 CREDITS
 7918005 1 MWF 11:00-11:50 BLANKENSHIP K
 MEETS: JAN 8-MAY 4

INTRO INTERPRS COMM COMST 102 3 CREDITS
 Note: SEC 1A, 2A ETC RESTRICTED TO COMST MAJORS ONLY.
 SEC 1B, 2B ETC FOR MAJORS OTHER THAN COMST
 8105005 1A TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 8105010 1B TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 8105015 2A MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 8105020 2B MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 8105025 3A MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 8105030 3B MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 8105035 4A TR 2:10-3:30 RAFFERTY K
 MEETS: JAN 8-MAY 4

COMMUNICATION STUDIES (CONTINUED)

INTRO INTERPRS COMM COMST 102 3 CREDITS
 8105040 4B TR 2:10-3:30 RAFFERTY K
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5123010 2 TR 11:00-12:30 COSTABILE K
 MEETS: JAN 8-MAY 4

COMM& U.S. DIVRSITY COMST 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 7066005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

PROFESSNAL COMMUNIC COMST 214 3 CREDITS
 9183005 1 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 9183600 XT ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Section XT is off campus
 Course delivery is WWW
 9183605 XU ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Section XU is off campus
 Course delivery is WWW
 9183610 XV ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Section XV is off campus
 Course delivery is WWW
 9183615 XW ARRANGED
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

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 8-MAY 4
 6593010 2 TR 3:40-5:00 RAFFERTY K
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

LDRSHP 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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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
 MEETS: JAN 8-MAY 4

COMMUNICATION STUDIES (CONTINUED)

CMPTR-MEDIATED COMM COMST 330 3 CREDITS
 Prereq: COMST 101, COMST 102, COMST 203, COMST 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY.
 2385005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

RESEARCH SEMINAR COMST 404 3 CREDITS
 Prereq: COMST 301 PLUS 3 ADDITIONAL COMMUNICATION STUDIES CLASSES FROM THE FOLLOWING LIST: COMST 310, COMST 311, COMST 313, COMST 314, COMST 317, COMST 319, COMST 325, OR COMST 330
 2298005 1 TR 12:40-2:00 RUBLE R
 MEETS: JAN 8-MAY 4
 2298010 2 TR 12:40-2:00 VRCHOTA D
 MEETS: JAN 8-MAY 4
 2298015 3 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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
 6361005 A MW 9:00-9:50 POPLIN A
 W 3:10-5:00 POPLIN A
 MEETS: JAN 8-MAY 4

6361010 B MW 9:00-9:50 POPLIN A
 W 10:00-11:50 POPLIN A
 MEETS: JAN 8-MAY 4

6361015 C MW 9:00-9:50 POPLIN A
 F 8:00-9:50 POPLIN A
 MEETS: JAN 8-MAY 4

WORLD CITIES&GLOBLZ C R P 291 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 7447005 MWF 10:00-10:50 OWUSU F
 MEETS: JAN 8-MAY 4

PLANNG METHDS STDIO C R P 301 4 CREDITS
 4968005 TR 2:10-5:00 HAMIDEH S
 MEETS: JAN 8-MAY 4

URBAN GEOGRAPHY C R P 320 3 CREDITS
 8073005 MWF 11:00-11:50 BRADBURY S
 MEETS: JAN 8-MAY 4

U.S. HOUSING POLICY C R P 325X 3 CREDITS
 9983005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

PRACTICUM C R P 330 1- 3 CREDITS
 Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING
 Note: COURSE OFFERED FOR 1-3 CREDITS SPRING 2018
 Satisfactory-Fail Only.
 2386005 ARRANGED OWUSU F
 MEETS: JAN 8-MAY 4

INTMD GEOG INFO SYS C R P 351X 3 CREDITS
 Prereq: C R P 251X
 6366005 A MW 9:00-9:50 MEHROTRA N
 F 1:10-3:00 MEHROTRA N
 MEETS: JAN 8-MAY 4

6366010 B MW 9:00-9:50 MEHROTRA N
 W 10:00-11:50 MEHROTRA N
 MEETS: JAN 8-MAY 4

FIELD TRAVEL C R P 391 1- 2 CREDITS
 Prereq: C R P MAJOR, PERMISSION OF ADVISER
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2018.
 Satisfactory-Fail Only.
 2402005 W 8:00-8:50 HADDAD M
 MEETS: JAN 8-MAY 4

COMMUNITY & REGIONAL PLANNING (CONTINUED)

URBAN REVITALIZATN C R P 417 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7569005 TR 2:10-3:30 GREVSTAD-NORDBO
 MEETS: JAN 8-MAY 4

CMUNITY PLAN STUDIO C R P 432 4- 6 CREDITS
 Prereq: C R P 201, C R P 301, OR PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 6 CREDITS SPRING 2018
 MATERIALS, FIELD TRIPS & TRAVEL FEE: \$25 - \$50
 2391005 MW 12:10-5:20
 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Materials, field trips &/or travel fee \$25.00-\$175.00

PUBLIC PARTICIP PLN C R P 437X 3 CREDITS
 9984005 W 5:10-8:00PM
 MEETS: JAN 8-MAY 4

TRANSPRT POLCY&PLAN C R P 445 3 CREDITS
 Prereq: C E 350 OR EQUIVALENT
 2720005 TR 3:40-5:00
 MEETS: JAN 8-MAY 4

GEODESIGN C R P 450X 3 CREDITS
 9985005 MW 11:00-12:20
 MEETS: JAN 8-MAY 4

GEOG DATA MGT&ANALY C R P 452 3 CREDITS
 Prereq: 451 OR EQUIVALENT
 5205005 TR 10:00-11:50 HADDAD M
 MEETS: JAN 8-MAY 4

WEB MAPPING/GIS C R P 458 3 CREDITS
 Prereq: C R P 451 OR C R P 551, L A 302, GEOL 452 OR GEOL 552 OR INSTRUCTOR PERMISSION
 2967005 ARRANGED SEEGER C
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW

GRANT WRITING C R P 475 1 CREDIT
 Note: TOPIC: GRANT WRITING
 Instructor permission required 1st week.
 5575005 T 8:00-8:50
 MEETS: JAN 8-MAY 4

PUBLIC FINANC&PLANN C R P 479 3 CREDITS
 9769005 TR 9:30-10:45 DAS B
 MEETS: JAN 8-MAY 4

SUSTAINABLE COMMUNT C R P 484 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7041005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY C R P 490 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C R P 490H 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN C R P 491 3 CREDITS
 Prereq: 6 CREDITS IN NATURAL SCIENCES
 2396005 W 5:10-8:00PM
 MEETS: JAN 8-MAY 4

SR PLANNING SEMINAR C R P 494 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018.
 2403005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

PRO WORK EXPERIENCE C R P 510 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

URBAN REVITALIZATN C R P 517 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7839005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

PRACTICUM C R P 530 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION IN C R P
 Satisfactory-Fail Only.
 2405005 ARRANGED
 MEETS: JAN 8-MAY 4

COMMUNITY & REGIONAL PLANNING (CONTINUED)

COMMUNITY & REGIONAL PLANNING (CONTINUED)

TRANPRTN POLICY PLN C R P 545 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2756005 TR 3:40-5:00
 MEETS: JAN 8-MAY 4

INTRO GEOG INFO SYS C R P 551 3 CREDITS
 1985005 A MW 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 8-MAY 4
 1985010 B MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 8-MAY 4

GEOG DATA MGT & PLAN C R P 552 3 CREDITS
 Prereq: C R P 551
 5209005 TR 10:00-11:50
 MEETS: JAN 8-MAY 4

WEB MAPPING/GIS C R P 558 3 CREDITS
 Prereq: C R P 451 OR C R P 551, L A 302,
 GEOL 452 OR GEOL 552 OR INSTRUCTOR PERMISSION
 4025005 ARRANGED SEEGER C
 MEETS: JAN 8-MAY 4

DIGTL DSN MTH L ARC C R P 559 3 CREDITS
 4027005 TR 11:00-12:30 WESTORT C
 MEETS: JAN 8-MAY 4

PLAN THRY FOR PRCTC C R P 561 3 CREDITS
 2410005 R 5:10-8:00PM
 MEETS: JAN 8-MAY 4

PLANNING & DEVELPMT C R P 568 3 CREDITS
 Prereq: C R P 564 OR EQUIVALENT
 2018005 MW 2:10-3:00
 MEETS: JAN 8-MAY 4

GRANT WRITING C R P 575 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Note: TOPIC: GRANT WRITING
 RESTRICTED TO GRADUATE STUDENTS ONLY
 5592005 T 8:00-8:50
 MEETS: JAN 8-MAY 4

PUBLIC FINANC&PLANN C R P 579 3 CREDITS
 2757005 TR 9:30-10:45
 MEETS: JAN 8-MAY 4

SUSTAINBLE COMMUNIT C R P 584 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7043005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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 5900 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SM TOWN PLAN C R P 590P 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRS&EQ PLN C R P 590Q 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GIS C R P 590R 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN C R P 591 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2426005 W 5:10-8:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

PRO PLANNING REPORT C R P 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH C R P 699 VAR. CREDITS
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMPUTER ENGINEERING

INTR CMPTR SECURITY CPR E 131 1 CREDIT
 Satisfactory-Fail Only.
 3482005 A MW 11:00-11:50
 MEETS: JAN 8-MARCH 2

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 8-MAY 4
 2292010 B T 3:10-4:00
 MEETS: JAN 8-MAY 4
 2292015 C R 2:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 3878010 B TR 3:10-4:00
 W 6:10-8:00PM
 MEETS: JAN 8-MAY 4
 3878015 C TR 3:10-4:00
 F 2:10-4:00
 MEETS: JAN 8-MAY 4
 3878020 D TR 3:10-4:00
 T 4:10-6:00PM
 MEETS: JAN 8-MAY 4

INTR PROBLM SOLV II CPR E 186 1 CREDIT
 Prereq: 185
 6238005 A W 10:00-11:50
 MEETS: JAN 8-MAY 4
 6238010 B W 12:10-2:00
 MEETS: JAN 8-MAY 4
 6238015 C W 2:10-4:00
 MEETS: JAN 8-MAY 4
 6238020 D R 8:00-9:50
 MEETS: JAN 8-MAY 4
 6238025 E T 12:10-2:00
 MEETS: JAN 8-MAY 4

COMPUTER ENGINEERING (CONTINUED)

COMPUTER ENGINEERING (CONTINUED)

CYBER SECURITY TOOLS CPR E 231 3 CREDITS
 Prereq: COM S 107 OR COM S 207 OR COM S 227
 OR E E 285
 4231005 A MW 9:00-9:50
 T 9:00-11:50
 MEETS: JAN 8-MAY 4
 4231010 B MW 9:00-9:50
 R 9:00-11:50
 MEETS: JAN 8-MAY 4

TRANSFER ORIENTATIO CPR E 261 R CREDIT
 Satisfactory-Fail Only.
 9198005 T 11:00-11:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 7321010 B MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 7321015 C MWF 9:00-9:50
 R 4:10-7:00PM
 MEETS: JAN 8-MAY 4
 7321020 D MWF 9:00-9:50
 F 12:10-3:00
 MEETS: JAN 8-MAY 4
 7321025 E MWF 9:00-9:50
 R 12:10-3:00
 MEETS: JAN 8-MAY 4
 7321030 F MWF 4:10-5:00
 T 12:10-3:00
 MEETS: JAN 8-MAY 4
 7321035 G MWF 4:10-5:00
 W 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 7321034 J MWF 4:10-5:00
 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 7321040 K MWF 4:10-5:00
 T 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 7321045 L MWF 4:10-5:00
 T 9:00-11:50
 MEETS: JAN 8-MAY 4
 7321050 M MWF 4:10-5:00
 R 9:00-11:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 3364010 B TR 9:30-10:50
 T 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 3364015 C TR 2:10-3:30
 T 6:10-8:00PM
 MEETS: JAN 8-MAY 4
 3364020 D TR 2:10-3:30
 W 12:10-2:00
 MEETS: JAN 8-MAY 4
 3364025 E TR 9:30-10:50
 R 2:10-4:00
 MEETS: JAN 8-MAY 4
 3364030 F TR 2:10-3:30
 F 12:10-2:00
 MEETS: JAN 8-MAY 4
 3364035 G TR 2:10-3:30
 F 2:10-4:00
 MEETS: JAN 8-MAY 4
 3364040 J TR 9:30-10:50
 T 12:10-2:00
 MEETS: JAN 8-MAY 4
 3364045 K TR 2:10-3:30
 W 2:10-4:00
 MEETS: JAN 8-MAY 4
 3364050 L TR 2:10-3:30
 W 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 3364055 M TR 2:10-3:30
 W 6:10-8:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5337010 A2 M 1:10-2:00
 MEETS: JAN 8-MAY 4
 5337015 A3 M 1:10-2:00
 MEETS: JAN 8-MAY 4
 5337020 B1 F 3:10-4:00
 MEETS: JAN 8-MAY 4
 5337025 B2 F 3:10-4:00
 MEETS: JAN 8-MAY 4
 5337030 B3 F 3:10-4:00
 MEETS: JAN 8-MAY 4

OPERAT SYS:PRIN&PRA CPR E 308 4 CREDITS
 Prereq: CPR E 381 OR COM S 321
 2036005 A MWF 12:10-1:00
 T 8:00-10:50
 MEETS: JAN 8-MAY 4
 2036010 B MWF 12:10-1:00
 R 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 2036015 C MWF 12:10-1:00
 R 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 2036020 D MWF 12:10-1:00
 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 2036025 E MWF 12:10-1:00
 T 1:10-1:50
 MEETS: JAN 8-MAY 4
 2036030 F MWF 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 2036035 G MWF 12:10-1:00
 R 12:10-3:00
 MEETS: JAN 8-MAY 4
 2036040 J MWF 12:10-1:00
 R 9:00-11:50
 MEETS: JAN 8-MAY 4

THEORET FOUND CPR E CPR E 310 3 CREDITS
 Prereq: COM S 228
 9240005 A TR 4:10-5:30
 M 10:00-10:50
 MEETS: JAN 8-MAY 4
 9240010 B TR 4:10-5:30
 M 11:00-11:50
 MEETS: JAN 8-MAY 4
 9240015 C TR 4:10-5:30
 M 2:10-3:00
 MEETS: JAN 8-MAY 4
 9240020 D TR 4:10-5:30
 M 3:10-4:00
 MEETS: JAN 8-MAY 4

SOFTWARE PROJCT MGT CPR E 329 3 CREDITS
 Prereq: COM S 309
 6832005 TR 12:40-1:55
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 2311010 B MWF 9:00-9:50
 R 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 2311015 C MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 2311020 D MWF 9:00-9:50
 F 1:10-4:00
 MEETS: JAN 8-MAY 4

CYBER DEFENS COMPET CPR E 332 1 CREDIT
 Satisfactory-Fail Only.
 9653005 ARRANGED
 MEETS: JAN 8-MAY 4

SFTWR ARCHITC&DSIGN CPR E 339 3 CREDITS
 Prereq: S E 319
 6834005 TR 4:10-5:30
 MEETS: JAN 8-MAY 4

CPTR ORG &ASMB PROG CPR E 381 4 CREDITS
 Prereq: CPR E 288
 6769005 A MWF 9:00-9:50
 W 10:00-11:50
 MEETS: JAN 8-MAY 4
 6769010 B MWF 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 8-MAY 4
 6769015 C MWF 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 8-MAY 4
 6769020 D MWF 9:00-9:50
 W 4:10-6:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5388010 A2 M 1:10-2:00
 MEETS: JAN 8-MAY 4
 5388015 A3 M 1:10-2:00
 MEETS: JAN 8-MAY 4
 5388020 B1 F 3:10-4:00
 MEETS: JAN 8-MAY 4
 5388025 B2 F 3:10-4:00
 MEETS: JAN 8-MAY 4

COMPUTER ENGINEERING (CONTINUED)

COMPUTER ENGINEERING (CONTINUED)

PROGRAM EXPLORATION CPR E 394 R CREDIT
 5388030 B3 M 1:10-2:00
 MEETS: JAN 8-MAY 4

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

FORML MTHDS SFTWR E CPR E 412 3 CREDITS
 Prereq: COM S 230 OR CPR E 310; COM S 311, STAT 330
 8535005 MWF 3:10-4:00 MINER A
 MEETS: JAN 8-MAY 4

SOFTWARE EVOLU&MAINT CPR E 416 3 CREDITS
 Prereq: COM S 309
 5946005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 9581010 B TR 9:30-10:50
 W 4:10-6:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 2330010 B MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 2330015 C MWF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 8-MAY 4

DISTRB SYS&MIDDLWRE CPR E 450 3 CREDITS
 Prereq: 308 OR COM S 352
 8512005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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 RUAN L
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 8156010 B TR 12:40-2:00
 R 4:10-7:00PM
 MEETS: JAN 8-MAY 4
 8156020 C TR 12:40-2:00
 F 9:00-11:50
 MEETS: JAN 8-MAY 4

CPTR NTWRK&DATA COM CPR E 489 4 CREDITS
 Prereq: 381 OR E E 324
 2771005 A TR 11:00-12:20
 T 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 2771010 B TR 11:00-12:20
 F 1:10-3:00
 MEETS: JAN 8-MAY 4
 2771015 C TR 11:00-12:20
 W 1:10-3:00
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY CPR E 490 VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY CPR E 490H VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO CPR E 491 3 CREDITS
 Prereq: 308 OR E E 322, COMPLETION OF 24 CREDITS IN THE E E CORE PROFESSIONAL PROGRAM OR 29 CREDITS IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL 314
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR AND ABOVE
 Instructor permission required 1st week.
 2765005 T 2:10-4:00, ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 2279010 B W 2:10-3:00
 MEETS: JAN 8-MAY 4
 2279015 C R 2:10-3:00
 MEETS: JAN 8-MAY 4
 2279020 D R 3:10-4:00
 MEETS: JAN 8-MAY 4

DSN CMOS PHS-L LOOP CPR E 506 4 CREDITS
 Prereq: E E 435 OR E E 501 OR INSTRUCTR APPROVAL
 9161005 A TR 11:00-12:20
 T 2:10-5:00
 MEETS: JAN 8-MAY 4
 9161010 B TR 11:00-12:20
 W 8:00-10:50
 MEETS: JAN 8-MAY 4

DSN&ANALY ALGORITHM CPR E 511 3 CREDITS
 Prereq: COM S 311
 5651005 MWF 12:10-1:00 FERNANDEZ-BACA D
 MEETS: JAN 8-MAY 4

NUM ANALY HI-P COMP CPR E 525 3 CREDITS
 Prereq: CPR E 308 OR MATH 481; EXPERIENCE IN SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C
 1368005 TR 11:00-1:00
 MEETS: JAN 8-MAY 4

INFORMATION WARFARE CPR E 532 3 CREDITS
 Prereq: 531
 2989005 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

INFO ASSUR LEGAL&ET CPR E 534 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, 531
 Note: RESTRICTED TO E CPE, COM S, INFAS, LOMIS SCIS GRAD STUDENTS ONLY
 2620005 A M 6:10-9:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 8510600 XE ARRANGED NEWMAN J
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

WIRELESS NTWK SECUR CPR E 537 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 489 OR 530
 6961005 A MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

RVRS ENGR&SECUR TST CPR E 538 3 CREDITS
 Prereq: COM S 321 OR CPR E 381, COM S 352 OR CPR E 308
 2750005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

CYB SECUR SMRT GRID CPR E 539 3 CREDITS
 2866005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

FAULT-TOLERANT SYST CPR E 545 3 CREDITS
 Prereq: 381
 1079005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

WIRELSS&SENSOR NTWK CPR E 546 3 CREDITS
 Prereq: 489 OR 530
 8653005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

COMPUTER ENGINEERING (CONTINUED)

COMPUTER SCIENCE (CONTINUED)

DISTRB SYS&MIDDLWRE CPR E 550 3 CREDITS
 Prereq: 308 OR COM S 352
 8515005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

DISTRIBUTED SYSTEMS CPR E 554 3 CREDITS
 Prereq: COM S 311, 352
 7292005 TR 2:10-3:25 RUAN L
 MEETS: JAN 8-MAY 4

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
 9883005 MWF 9:00-9:50 ZHANG W
 MEETS: JAN 8-MAY 4

DATA-DRV SECUR&PRIV CPR E 560X 3 CREDITS
 Prereq: CPR E 531; COM S 474 OR COM S 573
 9988005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

SYSTEMS BIOLOGY CPR E 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
 OR 228, GEN 411, STAT 430
 3471005 1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

COMPUTATNL PERCEPTN CPR E 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 5237005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

CPR SYS PERFORMANCE CPR E 582 3 CREDITS
 Prereq: 381, 310 AND STAT 330
 2779005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

EMBEDDED CMPTR SYST CPR E 588 3 CREDITS
 Prereq: 308
 2783005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 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

CYBER OPS PRACTICUM CPR E 631X 3 CREDITS
 Prereq: CPR E 532, CPR E 534, PERMISSION
 OF INSTRUCTOR
 Satisfactory-Fail Only.
 7589005 ARRANGED
 MEETS: JAN 8-MAY 4

INFO ASSUR CAPSTONE CPR E 632 3 CREDITS
 Prereq: 531, 532, 534
 8104005 ARRANGED
 MEETS: JAN 8-MAY 4

8104605 XE ARRANGED JACOBSON D
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

ENGINEERG INTERNSHP CPR E 697 R CREDIT
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF
 STUDENT SERVICES.
 Satisfactory-Fail Only.
 7420005 ARRANGED
 MEETS: JAN 8-MAY 4
 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 TAVANAPONG W
 MEETS: JAN 8-MARCH 2

COMPUTER APPLICATNS COM S 103 4 CREDITS
 Note: CREDIT FOR EITHER COM S 103 OR COM S 113/COM S
 113X, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2673005 1 ARRANGED
 MEETS: JAN 8-MAY 4
 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
 MEETS: JAN 8-MAY 4
 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.

COMPUTER APPLICATNS COM S 103 4 CREDITS
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>
 2673015 3 ARRANGED
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MARCH 2

2995010 2 MW 4:10-5:00 ATUKORALA N
 F 4:10-5:00
 R 4:10-6:00PM
 MEETS: MARCH 5-MAY 4

2995600 XV ARRANGED ATUKORALA N
 MEETS: MARCH 5-MAY 4
 Note: Section XV is off campus
 Course delivery is WWW

INTRO WEB PROGRAMMNG COM S 106 3 CREDITS
 6704600 XW ARRANGED CHANG S
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

APP COMPUTER PROGRM COM S 107 3 CREDITS
 2674600 XW ARRANGED STERLING A
 MEETS: JAN 8-MAY 4
 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.
 7761005 A TR 9:30-10:20 ORYSPAYEV D
 MEETS: JAN 8-MAY 4
 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 ORYSPAYEV D
 MEETS: JAN 8-MAY 4
 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
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

7761015 C TR 8:00-9:25 ORYSPAYEV D
 MEETS: JAN 8-MAY 4
 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.

7761020 D TR 9:30-10:20 ORYSPAYEV D
 MEETS: JAN 8-MAY 4
 Note: SEC D 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 9:00-10:50
 MEETS: JAN 8-MAY 4

7761105 2 M 12:10-2:00
 MEETS: JAN 8-MAY 4

7761110 3 M 2:10-4:00
 MEETS: JAN 8-MAY 4

7761115 4 M 4:10-6:00PM
 MEETS: JAN 8-MAY 4

7761120 5 M 6:10-8:00PM
 MEETS: JAN 8-MAY 4

7761125 6 T 8:00-9:50
 MEETS: JAN 8-MAY 4

7761130 7 T 12:10-2:00
 MEETS: JAN 8-MAY 4

7761135 8 T 2:10-4:00
 MEETS: JAN 8-MAY 4

7761140 9 T 6:10-8:00PM
 MEETS: JAN 8-MAY 4

7761145 10 W 6:40-8:30PM
 MEETS: JAN 8-MAY 4

7761150 11 R 6:40-8:30PM
 MEETS: JAN 8-MAY 4

7761155 12 M 3:10-5:00
 MEETS: JAN 8-MAY 4

7761160 13 M 6:40-8:30PM
 MEETS: JAN 8-MAY 4

COMPUTER SCIENCE (CONTINUED)

INTRO SPRDSH&DATABS COM S 113 3 CREDITS
7761165 14 W 3:10-5:00
MEETS: JAN 8-MAY 4

INTRO PROB SLV PROG COM S 127 4 CREDITS
Prereq: MATH 140
8789005 A TR 2:10-3:25
F 2:10-4:00
MEETS: JAN 8-MAY 4

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 8-MARCH 2

FUND CPTR PROGRAMNG COM S 207 3 CREDITS
Prereq: MATH 150 OR PLACEMENT INTO MATH 140
OR HIGHER
Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>

9235005 1 MWF 9:00-9:50 CAI Y
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

9235010 2 MWF 10:00-10:50
R 3:10-4:00
MEETS: JAN 8-MAY 4

9235015 3 MWF 2:10-3:00
MEETS: JAN 8-MAY 4
Note: SEC 3 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

9235600 XW ARRANGED ORYSPAYEV D
MEETS: JAN 8-MAY 4
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 EXPERIENCE
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 8-MAY 4

9237105 B MWF 1:10-2:00 SONG G
MEETS: JAN 8-MAY 4

9237110 C MWF 3:10-4:00 KAUTZ S
MEETS: JAN 8-MAY 4

9237005 1 R 12:10-2:00
MEETS: JAN 8-MAY 4

9237010 2 W 2:10-4:00
MEETS: JAN 8-MAY 4

9237015 3 W 4:10-6:00PM
MEETS: JAN 8-MAY 4

9237020 4 F 10:00-11:50
MEETS: JAN 8-MAY 4

9237025 5 W 10:00-11:50
MEETS: JAN 8-MAY 4

9237030 6 R 10:00-11:50
MEETS: JAN 8-MAY 4

9237035 7 R 2:10-4:00
MEETS: JAN 8-MAY 4

9237040 8 W 12:10-2:00
MEETS: JAN 8-MAY 4

9237045 9 R 8:00-9:50
MEETS: JAN 8-MAY 4

9237050 10 F 8:00-9:50
MEETS: JAN 8-MAY 4

9237055 11 R 6:10-8:00PM
MEETS: JAN 8-MAY 4

9237060 12 W 6:10-8:00PM
MEETS: JAN 8-MAY 4

9237065 13 T 10:00-11:50
MEETS: JAN 8-MAY 4

9237070 14 F 12:10-2:00
MEETS: JAN 8-MAY 4

9237075 15 W 8:00-9:50
MEETS: JAN 8-MAY 4

INTRO DATA STRUCTUR COM S 228 3 CREDITS
Prereq: C- OR BETTER IN COM S 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 8:00-8:50 JIA Y
MEETS: JAN 8-MAY 4

9238105 B MWF 4:10-5:00 SHEAFFER J
MEETS: JAN 8-MAY 4

9238005 1 R 10:00-10:50
MEETS: JAN 8-MAY 4

9238010 2 R 2:10-3:00
MEETS: JAN 8-MAY 4

COMPUTER SCIENCE (CONTINUED)

INTRO DATA STRUCTUR COM S 228 3 CREDITS
9238015 3 R 1:10-2:00
MEETS: JAN 8-MAY 4

9238020 4 R 4:10-5:00
MEETS: JAN 8-MAY 4

9238025 5 R 3:10-4:00
MEETS: JAN 8-MAY 4

9238030 6 T 9:00-9:50
MEETS: JAN 8-MAY 4

9238035 7 T 2:10-3:00
MEETS: JAN 8-MAY 4

9238040 8 T 10:00-10:50
MEETS: JAN 8-MAY 4

DISCRETE CMP STRUCT COM S 230 3 CREDITS
Prereq: C- OR BETTER IN COM S 227 AND MATH 165;
ENGL 150

4005005 1 MWF 1:10-2:00 SLUTZKI G
R 8:00-8:50
MEETS: JAN 8-MAY 4

4005010 2 MWF 1:10-2:00
R 2:10-3:00
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY COM S 290 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.

2680005 ARRANGED
MEETS: JAN 8-MAY 4

INDEP STUDY HONORS COM S 290H VAR. CREDITS
Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
Instructor permission required 1st week.
Satisfactory-Fail Only.

2681005 ARRANGED
MEETS: JAN 8-MAY 4

SOFTWR DEV PRACTCES COM S 309 3 CREDITS
Prereq: COM S 228 WITH C- OR BETTER;
MATH 165 WITH C- OR BETTER
Note: 2-PART COURSE. REGISTER FOR 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 8-MAY 4

4438010 B TR 5:10-6:25PM MITRA S
MEETS: JAN 8-MAY 4

4438100 1 T 11:00-11:50
MEETS: JAN 8-MAY 4

4438105 2 T 1:10-2:00
MEETS: JAN 8-MAY 4

4438110 3 T 3:10-4:00
MEETS: JAN 8-MAY 4

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 8:00-9:25 ADURI P
MEETS: JAN 8-MAY 4

2683105 B TR 5:10-6:25PM LIU K
MEETS: JAN 8-MAY 4

2683005 1 T 9:00-9:50
MEETS: JAN 8-MAY 4

2683010 2 T 10:00-10:50
MEETS: JAN 8-MAY 4

2683015 3 M 10:00-10:50
MEETS: JAN 8-MAY 4

2683020 4 M 10:00-10:50
MEETS: JAN 8-MAY 4

2683025 5 T 1:10-2:00
MEETS: JAN 8-MAY 4

2683030 6 W 9:00-9:50
MEETS: JAN 8-MAY 4

2683035 7 W 10:00-10:50
MEETS: JAN 8-MAY 4

2683040 8 W 1:10-2:00
MEETS: JAN 8-MAY 4

SFTWR CNSTR&USER IN COM S 319 3 CREDITS
8537005 1 MWF 4:10-5:00 MITRA S
MEETS: JAN 8-MAY 4

INTR CPTR ARCH&MACH COM S 321 3 CREDITS
Prereq: C- OR BETTER IN COM S 228,
C- OR BETTER IN MATH 165, CPR E 281, ENGL 250

2684005 A MWF 11:00-11:50 PRABHU G
MEETS: JAN 8-MAY 4

ADV PROGRAMMG TCHNQ COM S 327 3 CREDITS
Prereq: C- OR BETTER IN COM S 228,
C- OR BETTER IN MATH 165

2454005 1 MWF 3:10-4:00 SHEAFFER J
MEETS: JAN 8-MAY 4

COMPUTER SCIENCE (CONTINUED)

COMPUTER SCIENCE (CONTINUED)

THEORY OF COMPUTING COM S 331 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228, MATH 166,
 AND IN COM S 230 OR CPR E 310; ENGL 250
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 2686005 A MWF 10:00-10:50 LUTZ J
 MEETS: JAN 8-MAY 4
 2686100 1 T 9:00-9:50
 MEETS: JAN 8-MAY 4
 2686105 2 R 3:10-4:00
 MEETS: JAN 8-MAY 4
 2686110 3 T 10:00-10:50
 MEETS: JAN 8-MAY 4

PRIN PROGR LANGUAGS COM S 342 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228;
 C- OR BETTER IN MATH 165; COM S 230 OR CPR E 310
 2687005 A TR 2:10-3:30 BASU S
 MEETS: JAN 8-MAY 4
 2687100 1 W 9:00-9:50
 MEETS: JAN 8-MAY 4
 2687105 2 W 4:10-5:00
 MEETS: JAN 8-MAY 4

NUMBER THEORY COM S 350 3 CREDITS
 Prereq: MATH 201 OR COM S 230
 5790005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

INTRO OPERATING SYS COM S 352 3 CREDITS
 Prereq: COM S 321, COM S 327, ENGL 250
 2688005 1 MWF 2:10-3:00 WONG J
 R 1:10-2:00
 MEETS: JAN 8-MAY 4

OBJCT-ORIEN ANALY&D COM S 362 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228;
 C- OR BETTER IN MATH 165; ENGL 250
 2622005 TR 5:10-6:30PM WARD R
 MEETS: JAN 8-MAY 4

INTR DATABS MGT SYS COM S 363 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228;
 C- OR BETTER IN MATH 165; ENGL 250
 2689005 TR 12:40-1:55 GADIA S
 MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATN COM S 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Instructor permission required.
 2691005 ARRANGED CIARDO G
 MEETS: JAN 8-MAY 4

SR PROJ CPTR GAM II COM S 402B 2- 3 CREDITS
 Prereq: COM S 402A
 Note: NO MORE THAN 6 CREDITS OF COM S 402A, COM S 402B,
 AND COM S 402C MAY BE APPLIED TOWARD GRADUATION
 9708005 ARRANGED LATHROP J
 MEETS: JAN 8-MAY 4

APPLD FORMAL METHDS COM S 407X 3 CREDITS
 Prereq: MATH 166 AND INSTRUCTOR PERMISSION
 9263005 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

FORML METHDS 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 MINER A
 MEETS: JAN 8-MAY 4

SOFTWARE SYS SAFETY COM S 415 3 CREDITS
 Prereq: 309 OR 311, 342
 9214005 TR 9:30-10:45 LUTZ R
 MEETS: JAN 8-MAY 4

INTR CMPNTL GEOMETRY COM S 418 3 CREDITS
 Prereq: 311 OR INSTRUCTOR PERMISSION
 5952005 TR 9:30-10:50 JIA Y
 MEETS: JAN 8-MAY 4

ADVNC D PROGRM TOOLS COM S 430 3 CREDITS
 Prereq: 311, 362 OR 363, ENGL 250 OR ENGL 105,
 SP CM 212
 5833005 MWF 12:10-1:00 KAUTZ S
 MEETS: JAN 8-MAY 4

MODL NANO SLF-ASSMB COM S 433 3 CREDITS
 Prereq: C- OR BETTER IN COM S 331 OR
 PERMISSION OF INSTRUCTOR
 8228005 MWF 12:10-1:00 LUTZ J
 MEETS: JAN 8-MAY 4

CPTR GAME&MEDIA PRG COM S 437 3 CREDITS
 Prereq: COM S 336 OR PERMISSION OF INSTRUCTOR
 2793005 MW 3:10-4:30 LATHROP J
 MEETS: JAN 8-MAY 4

PRIN&PRACTC COMPILI COM S 440 3 CREDITS
 Prereq: COM S 331, COM S 342, ENGL 250, SP CM 212
 2695005 MWF 3:10-4:00 ORYSPAYEV D
 MEETS: JAN 8-MAY 4

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 RUAN L
 MEETS: JAN 8-MAY 4

SIMULATN:ALG&IMPLEM COM S 455 3 CREDITS
 Prereq: COM S 311, COM S 230, STAT 330, ENGL 150,
 SP CM 212
 8123005 TR 12:40-1:55 BALBO G
 MEETS: JAN 8-MAY 4

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 TIAN J
 MEETS: JAN 8-MAY 4

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 8-MAY 4

FUND CMPTR NETWRKNG COM S 486 3 CREDITS
 Prereq: 352
 5060005 TR 11:00-12:15 RUAN L
 MEETS: JAN 8-MAY 4

NTWRK PROG,APPS,RES COM S 487 3 CREDITS
 Prereq: COM S 352 OR CPR E 489 OR EQUIVALENT
 2972005 MWF 1:10-2:00 CAI Y
 MEETS: JAN 8-MAY 4

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

APPLD FORMAL METHDS COM S 507X 3 CREDITS
 Prereq: MATH 166 AND INSTRUCTOR PERMISSION
 9234005 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

DSN&ANALY ALGORITHM COM S 511 3 CREDITS
 Prereq: 311
 2706005 MWF 12:10-1:00 FERNANDEZ-BACA D
 MEETS: JAN 8-MAY 4

FORML METHDS SFTWR E COM S 512 3 CREDITS
 Prereq: COM S 311; COM S 330; GRADUATE STANDING
 OR PERMISSION OF INSTRUCTOR
 2707005 MWF 3:10-4:00 BASU S
 MEETS: JAN 8-MAY 4

INTR CMPNTL GEOMETRY COM S 518 3 CREDITS
 Prereq: COM S 311 OR PERMISSION OF INSTRUCTOR
 5866005 TR 9:30-10:50 JIA Y
 MEETS: JAN 8-MAY 4

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 8-MAY 4

THEORY OF COMPUTATN COM S 531 3 CREDITS
 Prereq: 331
 2709005 MWF 11:00-11:50 CHAUDHURI S
 MEETS: JAN 8-MAY 4

LG DATA SET ALGRTHM COM S 535 3 CREDITS
 Prereq: COM S 228; COM S 330 OR CPR E 310 OR
 COM S 311 OR EQUIVALENT
 9619600 XW ARRANGED ADURI P
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

COMPUTER SCIENCE

(CONTINUED)

CONSTRUCTION ENGINEERING

PRIN&PRACTC COMPILI COM S 540 3 CREDITS
7181005 MWF 3:10-4:00 ORYSPAYEV D
MEETS: JAN 8-MAY 4

GENOME ASSEMBL&ANLY COM S 551 3 CREDITS
Prereq: 311, SOME KNOWLEDGE OF PROGRAMMING
7908005 TR 2:10-3:30
MEETS: JAN 8-MAY 4

DISTRIBUTED SYSTEMS COM S 554 3 CREDITS
Prereq: COM S 311, COM S 352; GRADUATE
STANDING OR PERMISSION OF INSTRUCTOR
2714005 TR 2:10-3:25 RUAN L
MEETS: JAN 8-MAY 4

SIMULATN:ALG&IMPLEM COM S 555 3 CREDITS
Prereq: 311, 330, STAT 330
8124005 TR 12:40-1:55 BALBO G
MEETS: JAN 8-MAY 4

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
9882005 MWF 9:00-9:50 ZHANG W
MEETS: JAN 8-MAY 4

DATA-DRV SECUR&PRIV COM S 560X 3 CREDITS
Prereq: CPR E 531; COM S 474 OR COM S 573
9989005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

STAT BIOINFORMATICS 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 8-MAY 4

SYSTEMS BIOLOGY COM S 570 3 CREDITS
Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
OR 228, GEN 411, STAT 430
3313005 1 TR 12:40-2:00
MEETS: JAN 8-MAY 4

MACHINE LEARNING COM S 573 3 CREDITS
Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
2660005 MWF 10:00-10:50 TIAN J
MEETS: JAN 8-MAY 4

COMPUTATNL PERCEPTN COM S 575 3 CREDITS
Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
3246005 TR 2:10-3:30
MEETS: JAN 8-MAY 4

PRIN DIST&NETWK PRG COM S 587 3 CREDITS
Prereq: COM S 352 OR CPR E 489 OR EQUIVALENT
6143005 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

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 BATINOV G
MEETS: JAN 8-MAY 4

GRADUATE INTERNSHIP COM S 598 R CREDIT
Prereq: GRADUATE CLASSIFICATION
ARRANGED
5627005 BASU S
MEETS: JAN 8-MAY 4

CREATIVE COMPONENT COM S 599 1- 3 CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COM S 610 VAR. CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPC DATABA SYS COM S 661 3 CREDITS
Prereq: 461 OR 561
2727005 TR 2:10-3:25 GADIA S
MEETS: JAN 8-MAY 4

ADV TOP SFTWR:FNDTN COM S 665A 3 CREDITS
Prereq: COM S 511
4610005 1 TR 12:40-2:00
MEETS: JAN 8-MAY 4

RESEARCH COM S 699 VAR. CREDITS
Prereq: APPROVAL OF INSTRUCTOR
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

ORIENT TO PRO LIFE CON E 122 1 CREDIT
5269005 1 R 4:10-6:00PM
MEETS: JAN 8-MAY 4

CONTRACTR ORG & MGT CON E 222 3 CREDITS
Prereq: COMPLETION OF BASIC PROGRAM
2363005 1 MW 11:00-11:50
M 4:10-6:00PM
MEETS: JAN 8-MAY 4

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 8-MAY 4

MECH/ELEC MTRLS&MTH CON E 251 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN 241
2377005 1 T 3:10-6:00PM
MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

MECHAN SYS IN BLDGS CON E 352 3 CREDITS
Prereq: 251, PHYS 222
5313005 1 MW 1:10-2:00
R 2:10-4:00
MEETS: JAN 8-MAY 4

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

CONSTR COST EST&ENG CON E 422 3 CREDITS
Prereq: CON E 241 AND CON E 251
2747005 1 T 11:00-12:50
R 11:00-12:50
MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

7639010 2 MF 12:10-1:00
T 3:10-5:00, ARRANGED
MEETS: JAN 8-MAY 4

7639015 3 MF 12:10-1:00
R 11:00-1:00, ARRANGED
MEETS: JAN 8-MAY 4

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 8-MAY 4

INDEPENDENT STUDY CON E 490 1- 5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

CRIMINAL JUSTICE STUDIES

INTR CRIMINL JUSTIC CJ ST 240 3 CREDITS
4719005 A1 TR 3:40-5:00 HEIRIGS M
MEETS: JAN 8-MAY 4
Note: SEC A1 RESTRICTED TO CJ ST, INDIS,
SOC MAJORS ONLY

4719010 A2 TR 3:40-5:00 HEIRIGS M
MEETS: JAN 8-MAY 4
Note: SEC A2 FOR MAJORS OTHER THAN CJ ST, INDIS,
SOC

CRIMINAL JUSTICE STUDIES (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

YOUTH & CRIME CJ ST 241 3 CREDITS
 Prereq: SOC S 130 OR 134
 2576005 A TR 11:00-12:20 ERICKSON J
 MEETS: JAN 8-MAY 4

AMER JUDICIAL PROC CJ ST 320 3 CREDITS
 Prereq: POL S 215
 2577005 A TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S, CJ ST,
 INDIS MAJORS ONLY
 2577010 B TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR MAJORS OTHER THAN POL S, CJ ST,
 INDIS

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 8-MAY 4

DEVIANT & CRIM BEHAV CJ ST 340 3 CREDITS
 Prereq: SOC 134 OR CJ ST 240
 2579005 A MWF 11:00-11:50 BEHNKEN M
 MEETS: JAN 8-MAY 4

CRIMINOLOGY CJ ST 341 3 CREDITS
 Prereq: CJ ST 240
 3175005 A MWF 10:00-10:50 HOCHSTETLER A
 MEETS: JAN 8-MAY 4

POLICE AND SOCIETY CJ ST 351 3 CREDITS
 Prereq: CJ ST 241 OR SOC 241 OR CJ ST 240
 7751600 XW ARRANGED BRINKLEY J
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

PNISH, CORECTN & SOCIE CJ ST 352 3 CREDITS
 Prereq: 240 OR 241
 7762600 XW ARRANGED DRURY A
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

WHITE-COLLAR CRIME CJ ST 402 3 CREDITS
 Prereq: CJ ST 241 OR SOC 241 OR CJ ST 240
 8482005 A MWF 11:00-11:50 HOCHSTETLER A
 MEETS: JAN 8-MAY 4

CRIMINAL OFFENDERS CJ ST 403 3 CREDITS
 Prereq: 240 OR 241
 3805600 XW ARRANGED DELISI M
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

CRIM & JUV JUST PRAC CJ ST 460 3-12 CREDITS
 Prereq: JR OR SR CLASSIFICATION; PERMISSION
 OF CJ ST COORDINATOR; MAJOR OR MINOR IN CJ ST
 Note: NO MORE THAN 9 CREDITS OF SOC 460/CJ ST 460
 MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN
 SOC 460/CJ ST 460 MAY BE USED TO SATISFY MINIMUM
 SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
 Satisfactory-Fail Only.
 2581005 ARRANGED DELISI M
 MEETS: JAN 8-MAY 4

TOPIC CRIM & JUV JUST CJ ST 484 3 CREDITS
 Prereq: 6 CREDITS IN CJ ST AND PERMISSION OF
 INSTRUCTOR
 2624005 A W 5:30-8:30PM
 MEETS: JAN 8-MAY 4
 Note: SEC A TOPIC CORRECTIONAL TREATMENT &
 SUPERVISION
 2624010 B MWF 12:10-1:00 BEHNKEN M
 MEETS: JAN 8-MAY 4
 Note: SEC B TOPIC MOCK TRIAL

PK-6 CLSRM TECNOLGI C I 201 3 CREDITS
 3015030 6 TR 11:00-11:50
 T 9:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 6 RESTRICTED TO EL ED MAJORS ONLY
 3015035 7 TR 11:00-11:50
 R 9:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 7 RESTRICTED TO EL ED & ECE MAJORS ONLY

7-12 CLASSRM TECNOL C I 202 3 CREDITS
 Note: FOR SECONDARY EDUCATION MAJORS ONLY
 2464005 1 TR 2:10-3:00
 R 3:10-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO A TR, DANCE, D EXA,
 D EXH, KIN H, P ATR, PDEXA, PDEX H MAJORS ONLY
 2464010 2 TR 2:10-3:00
 F 8:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN
 A TR, DANCE, D EXA, D EXH, ENGL, HIST, KIN H,
 P ATR, PDEXA, PDEXH, WLC
 2464015 3 TR 2:10-3:00
 F 10:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 3 RESTRICTED TO MAJORS OTHER THAN
 A TR, DANCE, D EXA, D EXH, ENGL, HIST, KIN H,
 P ATR, PDEXA, PDEXH, WLC
 2464020 4 TR 2:10-3:00
 F 12:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 4 RESTRICTED TO ENGL, HIST, WLC MAJORS ONLY
 2464025 5 TR 2:10-3:00
 F 2:10-4:00
 MEETS: JAN 8-MAY 4
 Note: SEC 5 RESTRICTED TO ENGL, HIST, WLC MAJORS ONLY

SOC FOUND U.S. EDUC C I 204 3 CREDITS
 6278005 1 TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 6278010 2 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 6278015 3 MW 2:10-3:25
 MEETS: JAN 8-MAY 4
 6278020 4 TR 12:40-1:55
 MEETS: JAN 8-MAY 4
 6278025 5 TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 6278030 6 MW 2:10-3:25
 MEETS: JAN 8-MAY 4

SOCIAL FOUND SCHOOL C I 205X 3 CREDITS
 6178005 1 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 6178010 2 TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 6178015 3 TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 6178020 4 MW 2:10-3:25
 MEETS: JAN 8-MAY 4

ECE TEACHER ORIENTN C I 208 1 CREDIT
 Prereq: CLASSIFICATION AS AN ECE MAJOR
 Note: COURSE RESTRICTED TO ECE MAJORS ONLY
 Satisfactory-Fail Only.
 4389005 W 1:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 Note: SEC 1 RESTRICTED TO EL ED MAJORS ONLY
 3015010 2 TR 11:00-11:50
 W 10:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 2 RESTRICTED TO EL ED & ECE MAJORS ONLY
 3015015 3 TR 11:00-11:50
 W 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: SEC 3 RESTRICTED TO EL ED MAJORS ONLY
 3015020 4 TR 11:00-11:50
 R 12:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 4 RESTRICTED TO EL ED MAJORS ONLY
 3015025 5 TR 11:00-11:50
 M 12:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 5 RESTRICTED TO EL ED MAJORS ONLY

STRATEGIES IN TCHNG C I 245 3 CREDITS
 Prereq: C I 203 OR C I 204, SOPH CLASSIFICATION
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY
 3238005 1 MW 10:00-11:50
 MEETS: JAN 8-MAY 4
 3238010 2 MW 12:10-2:00
 MEETS: JAN 8-MAY 4
 3238015 3 MW 2:10-4:00
 MEETS: JAN 8-MAY 4
 3238020 4 TR 10:00-11:50
 MEETS: JAN 8-MAY 4
 3238025 5 TR 12:10-2:00
 MEETS: JAN 8-MAY 4
 3238030 6 TR 2:10-4:00
 MEETS: JAN 8-MAY 4
 3238035 7 MW 8:00-9:50
 MEETS: JAN 8-MAY 4

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

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 8-MAY 4
 6279010 2 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 2 STUDENT MUST HAVE PREVIOUSLY COMPLETED A
 C I 280A
 Instructor permission required.

EXP I: LRNG TECNOLGS C I 280B 1- 2 CREDITS
 Prereq: C I 201 OR C I 202. FOR 2 CREDIT
 ENROLLMENT PERMISSION OF INSTRUCTOR IS REQUIRED.
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 6280005 ARRANGED
 MEETS: JAN 8-MAY 4

EXPNC I: MATH CLINIC C I 280J 1 CREDIT
 Satisfactory-Fail Only.
 2289005 1 TR 3:10-5:00
 MEETS: JAN 8-MAY 4

PRE-TCH EXP I: MUSIC C I 280K .5 CREDIT
 Satisfactory-Fail Only.
 5673005 ARRANGED
 MEETS: JAN 8-MAY 4

EXPRN 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 8-MAY 4
 Note: SEC 1 OFFERED FOR .5 CREDIT SPRING 2018

EXPRN I: SECNDY SCI C I 280M 1- 2 CREDITS
 Prereq: FOR 2 CREDITS - PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 8266005 1 MW 8:00-8:50, ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

EXPERIENC I: ART ED C I 280O 1 CREDIT
 Prereq: PERMISSN OF THE ART AND DESIGN DEPARTMENT
 Satisfactory-Fail Only.
 1904005 1 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

PRIN&PRC DIGTL LRNG C I 302 3 CREDITS
 Prereq: C I 201 OR C I 202
 6289005 1 T 5:10-8:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

RDG&LANG ARTS K-3RD C I 377 4 CREDITS
 Prereq: C I 245, SP ED 250, HD FS 240 (ECE MAJ)
 CONCURRENT ENROLLMENT IN C I 405, C I 448, C I 468A,
 C I 468C (EL ED) OR C I 438, C I 468F,G, SP ED 368,
 HD FS 343 (ECE), ADMISSION TO TEACHER EDUC PROGRAM
 Note: FOR ECE MAJORS, THE CONCURRENT ENROLLMENT
 REQUIREMENTS ARE SP ED 368, C I 468F, C I 438,
 C I 468G. EL ED MAJORS MUST REGISTER FOR THE
 SAME SECTION NUMBER OF 468A, 468B. RESTRICTED
 TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE
 UNIVERSITY TEACHER EDUCATION PROGRAM.
 STUDENT MUST ENROLL IN SAME SECTION NUMBER OF CI 405
 & 448

2066005 1 MW 8:00-10:30
 MEETS: JAN 8-MAY 4
 Note: NO MEETINGS MARCH 18 TO APRIL 13.
 RESTRICTED TO EL ED STUDENTS FULLY
 ACCEPTED INTO TEACHER EDUCATION.

2066010 2 MW 11:00-1:30
 MEETS: JAN 8-MAY 4
 Note: NO MEETINGS MARCH 28 TO APRIL 13.
 RESTRICTED TO EL ED STUDENTS FULLY
 ACCEPTED INTO TEACHER EDUCATION.

2066015 3 MW 2:10-4:40
 MEETS: JAN 8-MAY 4
 Note: NO MEETINGS MARCH 18 TO APRIL 13.
 RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO
 TEACHER EDUCATION.

2066020 4 MW 9:30-12:00
 MEETS: JAN 8-MAY 4
 Note: NO MEETINGS MARCH 18 TO APRIL 13.
 RESTRICTED TO ECE STUDENTS FULLY
 ACCEPTED INTO TEACHER EDUCATION.

RDG&LANG ARTS 4TH-6 C I 378 4 CREDITS
 Prereq: C I 377; CONCURRENT ENROLLMENT IN
 C I 449, C I 468B, C I 468D, AND C I 443
 Note: MUST ENROLL IN SAME SECTION NUMBER OF 449.
 NO MEETINGS 2/12-3/9
 Department permission required 1st week.

2078005 1 TR 8:00-10:30
 MEETS: JAN 8-MAY 4

2078010 2 TR 11:00-1:30
 MEETS: JAN 8-MAY 4

2078015 3 TR 2:10-4:40
 MEETS: JAN 8-MAY 4

2078020 4 TR 8:00-10:30
 MEETS: JAN 8-MAY 4

2078025 5 TR 11:00-1:30
 MEETS: JAN 8-MAY 4

2078030 6 TR 2:10-4:40
 MEETS: JAN 8-MAY 4

READING & LITERACY C I 395 3 CREDITS
 Prereq: 204 AND JUNIOR STANDING

9656005 1 TR 9:30-10:45
 MEETS: JAN 8-MAY 4

9656010 2 M 5:10-8:00PM
 MEETS: JAN 8-MAY 4

9656015 3 W 5:10-8:00PM
 MEETS: JAN 8-MAY 4

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: MUST BE ENROLLED IN SAME SECTION OF
 C I 377
 Meets U.S. diversity reqmt

8300005 1 MW 11:00-12:50
 MEETS: JAN 8-MAY 4

8300010 2 MW 2:10-4:00
 MEETS: JAN 8-MAY 4

8300015 3 MW 9:00-10:50
 MEETS: JAN 8-MAY 4

8300020 4 MW 2:10-4:00
 MEETS: JAN 8-MAY 4

SOCIAL JUSTC ED: SEC C I 406 3 CREDITS
 Prereq: C I 201 OR C I 202, C I 332 OR C I 333,
 JUNIOR CLASSIFICATION IN SECONDARY OR K-12 EDUC
 PROGRAMS; ADMISSION TO TEACHER PREP PROGRAM

Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Meets U.S. diversity reqmt

6292005 1 MW 3:40-4:55
 MEETS: JAN 8-MAY 4

6292010 2 TR 3:40-4:55
 MEETS: JAN 8-MAY 4

6292015 3 R 5:10-8:00PM
 MEETS: JAN 8-MAY 4

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 8-MARCH 2

Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.

5054015 1R ARRANGED
 MEETS: JAN 8-MARCH 2

CURRICULUM & INSTRUCTION (CONTINUED)

SUPV STDT TCHG: K-3 C I 416A VAR. CREDITS
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5054010 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 5054020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

SUPV TCHG: GRADES 4-6 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 2018
 Department permission required 1st week.
 5056005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5056015 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5056014 1S ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1S OFFERED FOR 8 CREDITS SPRING 2018
 FOR STUDENTS TEACHING IN DES MOINES PUBLIC SCHOOL
 SYSTEM
 Professional support, field trips &/or
 travel fee \$155.00
 5056010 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 5056020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 5056025 2S ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2S OFFERED FOR 8 CREDITS SPRING 2018
 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 2018
 5057005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5057010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5057020 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 5057025 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 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 2018
 5053005 ARRANGED
 MEETS: MARCH 5-MAY 4

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 2018
 6824005 ARRANGED
 MEETS: MARCH 5-MAY 4

SUPV TCHG: ESL ELEM C I 416Z VAR. CREDITS
 Note: COURSE ONLY OFFERED FOR 8 CREDITS SPRING 2018
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 9510005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9510010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9510015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

CURRICULUM & INSTRUCTION (CONTINUED)

SUPV TCHG: ESL ELEM C I 416Z VAR. CREDITS
 9510020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STDT TCH SOC ST MID C I 417A VAR. CREDITS
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 8046005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 8046010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 8046020 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 8046025 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STUDNT TCH PHYS SCI C I 417B VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 9044005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9044010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9044015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 9044020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STUDNT TEACHNG MATH C I 417C VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 9045005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 Professional support, field trips &/or
 travel fee \$155.00-\$270.00
 9045010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 9045015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 9045020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STUDNT TCH BIOL SCI C I 417D VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9046005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 9046010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 9046015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 9046020 2R ARRANGED
 MEETS: MARCH 5-MAY 4

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 8-MARCH 2
 Note: SEC 1 OFFERED FOR 8 CREDITS
 9047010 2 ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 1 OFFERED FOR 8 CREDITS
 9047015 3 ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 3 OFFERED FOR 8 CREDITS
 9047020 4 ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 4 OFFERED FOR 8 CREDITS
 9047025 5 ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 5 OFFERED FOR 8 CREDITS
 9047030 6 ARRANGED
 MEETS: MARCH 5-MAY 4

CURRICULUM & INSTRUCTION (CONTINUED)

STUDNT TCH ENGL&LIT C I 417E VAR. CREDITS
 Note: SEC 6 OFFERED FOR 8 CREDITS
 9047035 7 ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 7 OFFERED FOR 8 CREDITS
 9047040 8 ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 8 OFFERED FOR 8 CREDITS
 9047045 9 ARRANGED
 MEETS: JAN 8-MARCH 2
 9047050 10 ARRANGED
 MEETS: MARCH 5-MAY 4
 9047055 11 ARRANGED
 MEETS: JAN 8-MARCH 2
 9047060 12 ARRANGED
 MEETS: MARCH 5-MAY 4

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 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 9049010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 9049015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.
 9049020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

STDNT TCH EARTH SCI C I 417J VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9051005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 9051010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 9051015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.
 9051020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

STDNT TCH BASIC SCI C I 417M VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9054005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 9054010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 9054015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.
 9054020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

STDT TCH SOC STU HS C I 417P VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 8612005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 8612010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 8612015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.
 8612020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

CURRICULUM & INSTRUCTION (CONTINUED)

STUDNT TCH ELEM MUS C I 417R VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2018
 6702005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 6702010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 6702015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.
 6702020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

STUDNT TCHG SEC MUS C I 417S VAR. CREDITS
 6682005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 6682010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 6682015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.
 6682020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

STDNT TCH ESL SECDY C I 417Z VAR. CREDITS
 9512005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 9512010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 9512015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 9512020 2R ARRANGED
 MEETS: MARCH 5-MAY 4

SECDY SCI METHD II C I 419 3 CREDITS
 Prereq: 347,280M,418; CONCURRENT ENROLLMT IN 468K
 9019005 M 5:10-8:00PM
 MEETS: JAN 8-MAY 4
 Note: CONCURRENT ENROLLMENT IN 468K REQUIRED.

PRINCIPALS SECNDY ED C I 426 3 CREDITS
 Prereq: SENIOR 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 8-MAY 4
 6293010 2 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

SOC STDI PRIM GRADE C I 433 2 CREDITS
 Prereq: C I 377, HD FS 224, CONCURRENT ENROLLMENT IN C I 439, SP ED 355, SP ED 455, C I 468I
 Note: NO MEETINGS FEB 13 TO MARCH 10
 4487005 1 W 8:00-10:30
 MEETS: JAN 8-MAY 4

MATH IN PRIMRY GRDS C I 438 2 CREDITS
 Prereq: C I 377; CONCURRENT ENROLLMENT IN C I 378, C I 449, C I 468B, C I 468D (EL ED MAJORS)
 4489005 MW 12:10-1:30
 MEETS: JAN 8-MAY 4

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 8-MAY 4

TCHG OF SOC STUDIES C I 443 3 CREDITS
 Prereq: C I 377; CONCURRENT ENROLLMENT IN C I 378, C I 449, C I 468B, C I 468D (EL ED MAJORS)
 Note: NOT MEETINGS FEB 12-MARCH 9
 Department permission required 1st week.

3258005 1 TR 1:10-3:00
 MEETS: JAN 8-MAY 4
 Note: ALSO REGISTER FOR CI 449 SEC 1
 3258010 2 TR 9:00-10:50
 MEETS: JAN 8-MAY 4
 Note: ALSO REGISTER FOR CI 449 SEC 2
 3258015 3 TR 11:00-12:50
 MEETS: JAN 8-MAY 4
 Note: ALSO REGISTER FOR CI 449 SEC 3
 3258020 4 TR 1:10-3:00
 MEETS: JAN 8-MAY 4
 Note: ALSO REGISTER FOR CI 449 SEC 4
 3258025 5 TR 9:00-10:50
 MEETS: JAN 8-MAY 4
 Note: ALSO REGISTER FOR CI 449 SEC 5
 3258030 6 TR 11:00-12:50
 MEETS: JAN 8-MAY 4
 Note: ALSO REGISTER FOR CI 449 SEC 6

CURRICULUM & INSTRUCTION (CONTINUED)

TCHNG CHILDREN MATH C I 448 3 CREDITS
 Prereq: MATH 195 (C- OR BETTER), MATH 196 (C- OR BETTER); CONCURRENT ENROLLMENT IN C I 377, C I 468A, C I 468C, C I 405 (EL ED MAJORS) OR C I 377, C I 468F,G, SP ED 368 (ECE MAJORS)
 Note: NO MEETINGS MARCH 21-APRIL 14
 COURSE RESTRICTED TO EL ED MAJORS ONLY
 Department permission required 1st week.
 3260005 1 MW 1:10-3:00
 MEETS: JAN 8-MAY 4
 3260010 2 MW 9:00-10:50
 MEETS: JAN 8-MAY 4
 Note: RESTRICTED TO EL ED MAJORS ONLY
 3260015 3 MW 11:00-12:50
 MEETS: JAN 8-MAY 4
 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 12-MARCH 9
 Department permission required 1st week.
 3261005 1 TR 11:00-12:50
 MEETS: JAN 8-MAY 4
 Note: ALSO REGISTER FOR C I 378/443 SEC 1
 3261010 2 TR 2:10-4:00
 MEETS: JAN 8-MAY 4
 Note: ALSO REGISTER FOR C I 378/443 SEC 2
 3261015 3 TR 9:00-10:50
 MEETS: JAN 8-MAY 4
 Note: ALSO REGISTER FOR C I 378/443 SEC 3
 3261020 4 TR 11:00-12:50
 MEETS: JAN 8-MAY 4
 Note: ALSO REGISTER FOR C I 378/443 SEC 4
 3261025 5 TR 2:10-4:00
 MEETS: JAN 8-MAY 4
 Note: ALSO REGISTER FOR C I 378/443 SEC 5
 3261030 6 TR 9:00-10:50
 MEETS: JAN 8-MAY 4
 Note: ALSO REGISTER FOR C I 378/443 SEC 6

LITERACY&LRNG ASESMT C I 452 3 CREDITS
 Prereq: C I 378 OR EQUIVALENT
 Note: TUTORING TUES, THURS 5:30-6:30
 READING CLINIC FEB 6-APRIL 5
 6584005 1 T 1:10-2:30
 R 1:10-2:30
 MEETS: JAN 8-MAY 4
 6584010 2 TR 1:10-2:30
 MEETS: JAN 8-MAY 4
 6584015 3 TR 5:10-8:30PM
 MEETS: JAN 8-MAY 4

EMERG TOPC DGTL TEC C I 454 1- 3 CREDITS
 Prereq: 201 OR 202
 9436005 1 ARRANGED
 MEETS: JAN 9-FEB 2
 Note: SEC 1: EFFECTIVE SOCIAL MEDIA USE FOR EDUCATORS
 9436010 2 M 5:30-7:30PM
 ARRANGED
 MEETS: FEB 5-MARCH 2
 Note: SEC 2 MARKERSPACE IN EDUCATION

LITRCY INTGRAT TECH C I 456 3 CREDITS
 Prereq: 201 OR 202, 377
 Note: Department permission required 1st week.
 3257005 1 W 5:10-8:00PM
 MEETS: JAN 8-MAY 4

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.
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Department permission required 1st week.
 Satisfactory-Fail Only.
 3265005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 19-APRIL 11

EXP II:RDG&LANG 4-6 C I 468B 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: TAKE CONCURRENTLY WITH C I 378, 449, 468D.
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 RESTRICTED TO EL ED MAJORS ONLY.
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Department permission required 1st week.
 Satisfactory-Fail Only.
 3266005 1 TR 7:30-4:30, ARRANGED
 MEETS: FEB 13-MARCH 8

CURRICULUM & INSTRUCTION (CONTINUED)

EXP II:MATH PRIMARY C I 468C 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2018.
 TAKE CONCURRENTLY WITH 377, 448. RESTRICTED TO
 WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM. RESTRICTED TO EL ED MAJORS
 ONLY.
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Department permission required 1st week.
 Satisfactory-Fail Only.
 3267005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 19-APRIL 11

EXPRNCE II: SCI 4-6 C I 468D 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2018.
 TAKE CONCURRENTLY WITH 378,449,468B. REQUIRED
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 RESTRICTED TO EL ED MAJORS ONLY.
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Department permission required 1st week.
 Satisfactory-Fail Only.
 3268005 1 TR 7:30-4:30, ARRANGED
 MEETS: FEB 13-MARCH 8

EXP II:LITRCY PRMRY C I 468F 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 4518005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 19-APRIL 11

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.
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Satisfactory-Fail Only.
 4524005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 19-APRIL 11
 Note: TAKE CONCURRENTLY WITH 377, 368, 438, 468G

EXPER II:SCI PRIMRY C I 468I 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: TAKE CONCURRENTLY WITH C I 433 439 & SP ED
 355, 455. RESTRICTED TO STUDENTS WITH FULL OR
 TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
 EDUCATION PROGRAM.
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Satisfactory-Fail Only.
 4528005 1 MW 12:10-4:30
 ARRANGED
 MEETS: FEB 12-MARCH 7

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 8-MAY 4

EXP II:READ ENDORSE C I 468R 1 CREDIT
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; PERMISSION OF SCHOOL OF EDUCATION
 REQUIRED; CONCURRENT ENROLLMENT IN C I 378
 Note: MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Department permission required 1st week.
 Satisfactory-Fail Only.
 4300005 1 TR 7:30-12:20
 MEETS: FEB 13-MARCH 8

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 2018.
 6581005 ARRANGED RUTENBERG A
 MEETS: JAN 8-MAY 4

EXPERNC III:ENGLISH C I 480E 1- 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 5062005 1 ARRANGED
 MEETS: JAN 8-MAY 4

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

EXPERNCE III: MUSIC C I 480K 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2018
 Satisfactory-Fail Only.
 9064005 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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
 READING CLINIC MEETING FEB 6-APRIL 5
 MUST BE ENROLLED IN SAME SEC OF CI 452
 9461005 1 R 3:30-5:00
 T 3:30-5:00
 MEETS: FEB 6-APRIL 5

9461010 2 T 3:30-5:00
 R 3:30-5:00
 MEETS: JAN 8-MAY 4

9461015 3 T 5:10-8:30PM
 R 5:10-8:30PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

TCHNOL IN TEACH&LRN C I 505 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2796005 1 W 5:10-8:00PM
 MEETS: JAN 8-MAY 4

ALGEBRA K-12 CLSRMS C I 508 3 CREDITS
 Prereq: 6 CREDITS OF MATH; CREDIT OR ENROLLMENT
 IN C I 448 OR C I 497 OR C I 597
 7172005 M 5:10-8:00PM
 MEETS: JAN 8-MAY 4

ACTION RESRCH IN ED C I 515 3 CREDITS
 Prereq: ADMISSION TO GRAD STUDY, ONE COURSE IN
 RESEARCH METHODS, EDUCATIONAL INQUIRY, STATISTICS,
 EDUCATIONAL PSYCHOLOGY, OR INSTRUCTIONAL DESIGN
 1901005 1 W 5:10-8:00PM
 MEETS: JAN 8-MAY 4

STUDNT TCH PHYS SCI C I 517B VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2460005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2460010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2460015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 2460020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STUDNT TEACHNG MATH C I 517C VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2466005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2466010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2466015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 2466020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STUDNT TCH BIOL SCI C I 517D VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2475005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2475010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2475015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 2475020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STDNT TCH: EARTH SCI C I 517J VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2476005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2476010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

CURRICULUM & INSTRUCTION (CONTINUED)

STDNT TCH:EARTH SCI C I 517J VAR. CREDITS
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2476015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 2476020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

STDNT TCH:BASIC SCI C I 517M VAR. CREDITS
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING
 SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2480005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2480010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 2480015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 2480020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

SECDY SCI METHDS II C I 519 3 CREDITS
 Prereq: 418 OR 518, CONCURRENT ENROLLMENT IN 591D
 2575005 M 5:10-8:00PM
 MEETS: JAN 8-MAY 4

PRIN SECONDARY EDUC C I 526 3 CREDITS
 Prereq: SENIOR CLASSIFICATION, ADMISSION TO
 TEACHER EDUCATION PROGRAM
 Note: MUST TAKE CONCURRENTLY WITH CI 415
 7724005 1 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

EDUC PSYCH LEARNING C I 533 3 CREDITS
 4363005 M 5:10-8:00PM
 MEETS: JAN 8-MAY 4

CORRECTIVE READING C I 552 3 CREDITS
 Prereq: C I 378 OR EQUIV
 Note: TUTORING ON TUES. & THURS. 5:30-6:30 P.M
 READING CLINIC FEB 6-APRIL 5
 MUST TO BE ENROLLED IN SEC 1 OF C I 588
 3276005 1 T 5:10-8:30PM
 R 5:10-8:30PM
 MEETS: FEB 6-APRIL 5

RDG&RSPND CHILD LIT C I 554 3 CREDITS
 Prereq: SENIOR STATUS OR TEACHING LICENSE
 1672005 1 M 5:30-8:30PM
 MEETS: JAN 8-MAY 4
 1672010 2 W 5:30-8:30PM
 MEETS: JAN 8-MAY 4

PERSPC READ CMPRHNS C I 558 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 9569005 1 R 5:30-8:20PM
 MEETS: JAN 8-MAY 4

LITRCY POLCY&PRACTC C I 565 3 CREDITS
 Prereq: GRADUATE STANDING
 9571005 1 ARRANGED
 MEETS: JAN 8-MAY 4

TECNO EQUITY:HISTR C I 577 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2935005 1 T 5:10-8:00PM
 MEETS: JAN 8-MAY 4

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: FEB 6-APRIL 5
 Note: TUTORING ON TUES. & THURS. 5:30-6:30 P.M
 READING CLINIC FEB 6-APRIL 5
 MUST BE ENROLLED IN SAME SEC OF C I 552

SPCL TOP CURRICULUM C I 590A 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION (CONTINUED)

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 2018.
 5058005 1 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 1 FOR SCIENCE STUDENTS
 5058010 2 ARRANGED
 MEETS: JAN 8-MAY 4

EXPERC:SECD MATH ED C I 591G 1- 4 CREDITS
 Prereq: 15 GRADUATE CREDITS IN SPECIALTY AREA;
 FULL ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: COURSE OFFERED FOR 2-4 CREDITS SPRING 2018
 2017005 1 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.
 2017010 2 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

SUPV EXPERC:LITERCY C I 591M 1- 6 CREDITS
 Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA
 Note: OFFERED FOR 2 CREDITS SPRING 2018
 9156005 1 ARRANGED
 MEETS: JAN 8-MAY 4

CURRIC THEORY &PRIN C I 594 3 CREDITS
 Prereq: GRADUATE STANDING
 2816005 1 ARRANGED
 MEETS: JAN 8-MAY 4

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

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

CRTV COMPON ELEM ED C I 599I 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR CMP WRLD LANG ED C I 599J 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP EDU PSYCH C I 599K 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SOC STUDI C I 599L 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP LITERC ED C I 599M 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV LRN ENVIR DSIGN C I 603 3 CREDITS
 Prereq: 503
 2926005 M 5:10-8:00PM
 MEETS: JAN 8-MAY 4

ADV SPCL TOP CURRIC C I 690A VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP DGTL LRN C I 690B VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SCI ED C I 690C VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SEC ED C I 690D VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MLTICUL C I 690F VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MATH ED C I 690G VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TP WRL LANG C I 690J VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP ED PSYC C I 690K VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP SOC STU C I 690L VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LITERACY ED C I 690M VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CURRICULUM C I 699A VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH DIGITAL LEARN C I 699B VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SCIENCE EDUC C I 699C VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SECNDRY EDUC C I 699D VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MULTICULTURL ED C I 699F VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MATH EDUC C I 699G VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ELEM EDUC C I 699I VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 8-MAY 4

BALLET I DANCE 130 1 CREDIT
 Satisfactory-Fail Only.
 2839005 1 TR 12:40-2:00 ADAMS C
 MEETS: JAN 8-MAY 4

JAZZ I DANCE 140 1 CREDIT
 Satisfactory-Fail Only.
 2840005 1 TR 12:40-2:00 BAKER J
 MEETS: JAN 8-MAY 4

BALLROOM DANCE I DANCE 160 1 CREDIT
 Satisfactory-Fail Only.
 2842005 1 TR 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1 FOR MEN ONLY. MEETS WITH SEC 2
 2842010 2 TR 10:00-10:50 BAKER J
 MEETS: JAN 8-MAY 4
 Note: SEC 2 FOR WOMEN ONLY. MEETS WITH SEC 1
 2842015 3 TR 11:00-11:50 BAKER J
 MEETS: JAN 8-MAY 4
 Note: SEC 3 FOR MEN ONLY. MEETS WITH SEC 4
 2842020 4 TR 11:00-11:50 BAKER J
 MEETS: JAN 8-MAY 4
 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
 MEETS: JAN 8-MAY 4

FUND SOCIAL&WORLD D DANCE 211 1 CREDIT
 Note: COURSE RESTRICTED TO EX SP, KIN H MAJORS
 9612005 1 MW 10:00-10:50 BAKER J
 MEETS: JAN 8-MAY 4

MODERN DANCE III DANCE 223 1 CREDIT
 Prereq: 222
 2848005 1 MW 2:10-3:30 ADAMS C
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY
 2849010 2 ARRANGED BAKER J
 MEETS: JAN 8-MAY 4
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
 2849015 3 ARRANGED BAKER J
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

JAZZ II DANCE 242 1 CREDIT
 Prereq: PREVIOUS JAZZ DANCE EXPERIENCE
 2852005 1 TR 2:10-3:30 BAKER J
 MEETS: JAN 8-MAY 4

YOGA MOVEMENT DANCE 250X 1 CREDIT
 9714005 TR 4:10-5:00 ADAMS C
 MEETS: JAN 8-MAY 4

DANCE APPRECIATION DANCE 270 3 CREDITS
 Note: Meets international perspectives reqmt
 2855005 1 MWF 1:10-2:00 BAKER J
 MEETS: JAN 8-MAY 4

SOUND AND MOVEMENT DANCE 320 3 CREDITS
 Prereq: 220
 2856005 TR 2:10-3:30 ADAMS C
 MEETS: JAN 8-MAY 4

DANCE (CONTINUED)

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 8-MAY 4

TCHNG TECHNIO &COMP DANCE 386 2 CREDITS
 Prereq: 320
 2861005 1 MWF 12:10-1:00 BAKER J
 MEETS: JAN 8-MAY 4

INDEPN STUDY DANCE DANCE 490A 1- 3 CREDITS
 Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY DANCE 490H 1- 3 CREDITS
 Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DESIGN STUDIES (CONTINUED)

DESIGN STUDIO I DSN S 102 4 CREDITS
 8050040 8 MW 9:00-11:50 OSMUNDSON J
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050045 9 MW 12:10-3:00 GREINER M
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050050 10 MW 12:10-3:00 GREINER M
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050055 11 MW 12:10-3:00 IYANALU A
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050060 12 MW 12:10-3:00 IYANALU A
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050065 13 MW 12:10-3:00 EDWARDS N
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050070 14 MW 12:10-3:00 EDWARDS N
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050075 15 MW 12:10-3:00 LUETH P
 F 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050080 16 MW 12:10-3:00 LUETH P
 F 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050085 17 TR 8:00-10:50 NEPPL T
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050090 18 TR 8:00-10:50 NEPPL T
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050095 19 TR 8:00-10:50 CHIKERINETS R
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050100 20 TR 8:00-10:50 CHIKERINETS R
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050105 21 TR 9:00-10:50 BARRON S
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050110 22 TR 8:00-10:50 BARRON S
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050115 23 TR 11:00-1:50 GLEESON A
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050120 24 TR 11:00-1:50 GLEESON A
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050125 25 TR 11:00-1:50 EDWARDS N
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050130 26 TR 11:00-1:50 EDWARDS N
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050135 27 TR 11:00-1:50 CORREA-DIAZ R
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050140 28 TR 11:00-1:50 CORREA-DIAZ R
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050145 29 TR 11:00-1:50 LUETH P
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050150 30 MW 11:00-1:50 LUETH P
 F 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050155 31 MW 6:10-9:00PM JACKSON M
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050160 32 MW 6:10-9:00PM JACKSON M
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050165 33 MW 4:10-7:00PM LUETH P
 F 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

DATA SCIENCE

DATA ACQUISN&EXPLOR DS 202X 3 CREDITS
 Prereq: DS 201X
 9884005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

DESIGN

DESIGN THINKING DES 230 3 CREDITS
 4957005 MW 1:10-2:30 LUETH P
 MEETS: JAN 8-MAY 4

DESIGN FORUM DES 250 2 CREDITS
 Prereq: DSN S 102, DSN S 131, DSN S 183,
 CREDIT OR CONCURRENT ENROLLMENT IN DES 230
 4960005 F 1:10-3:00 ZARECOR K
 MEETS: JAN 8-MAY 4

DESIGN FIELD STUDY DES 259 R CREDIT
 Prereq: ENROLLMENT IN OR 2 CREDITS OF DES 240
 Satisfactory-Fail Only.
 4666005 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

DESIGN STUDIO II DES 340 2 CREDITS
 Prereq: 4 CREDITS OF DES 240 OR EQUIVALENT
 6434005 1 TR 2:10-5:30 EDWARDS N
 MEETS: JAN 8-MARCH 2
 Note: SEC 1 TOPIC: DRAWING THE IMPOSSIBLE: IMAGINING
 THROUGH VISIONARY DRAWING
 6434010 2 TR 2:10-5:30 GLEESON A
 MEETS: MARCH 5-MAY 4
 Note: SEC 2 TOPIC: DESIGN FOR ENTERTAINMENT

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 8-MAY 4

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 HUR B
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050010 2 MW 9:00-11:50 HUR B
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050015 3 MW 9:00-11:50 FABER C
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050020 4 MW 9:00-11:50 FABER C
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050025 5 MW 9:00-11:50 HAKALA J
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050030 6 MW 9:00-11:50 HAKALA J
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

8050035 7 MW 9:00-11:50 OSMUNDSON J
 F 9:00-9:50 LUETH P
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIO I DSN S 102 4 CREDITS
 8050170 34 MW 4:10-7:00PM
 F 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

DESGN EXCH SEMIN II DSN S 111 1 CREDIT
 Prereq: MEMBER OF DESIGN EXCHANGE LEARN COMMUNITY
 Note: COURSE RESTRICTED TO COLLEGE OF DESIGN STUDENTS.
 Satisfactory-Fail Only.
 7658005 1 T 6:00-7:30PM COOPER M
 MEETS: JAN 8-MAY 4

DESIGN COLLABOR SEM DSN S 115 .5 CREDIT
 Prereq: MEMBER OF DESIGN COLLABORATIVE LEARNING
 COMMUNITY
 Satisfactory-Fail Only.
 7947005 W 8:00-8:50 COOPER M
 MEETS: JAN 8-MAY 4

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 HARRIS A
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124010 2 MW 9:00-11:50 HARRIS A
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124015 3 MW 9:00-11:50 PAPPENHEIMER D
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124020 4 MW 9:00-11:50 PAPPENHEIMER D
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124025 5 MW 9:00-11:50 STAMY C
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124030 6 MW 9:00-11:50 STAMY C
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124035 7 MW 9:00-11:50 STREETER P
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124040 8 MW 9:00-11:50 STREETER P
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124045 9 MW 12:10-3:00 PAPPENHEIMER D
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124050 10 MW 12:10-3:00 PAPPENHEIMER D
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124055 11 MW 12:10-3:00 THOMPSON N
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124060 12 MW 12:10-3:00 THOMPSON N
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124065 13 MW 12:10-3:00 CARLSON T
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124070 14 MW 12:10-3:00 CARLSON T
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124075 15 MW 3:10-6:00PM HARRIS A
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124080 16 MW 3:10-6:00PM HARRIS A
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124085 17 MW 3:10-6:00PM HARRIS A
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124090 18 MW 3:10-6:00PM HARRIS A
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124095 19 MW 3:10-6:00PM THOMPSON N
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124100 20 MW 3:10-6:00PM THOMPSON N
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124105 21 MW 3:10-6:00PM PAPPENHEIMER D
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124110 22 MW 3:10-6:00PM PAPPENHEIMER D
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124115 23 TR 8:00-10:50 STAMY C
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124120 24 TR 8:00-10:50 STAMY C
 TR 3:40-4:30 RICHARDS C
 MEETS: JAN 8-MAY 4

2124125 25 TR 3:40-4:30 STAMY C
 TR 8:00-10:50 RICHARDS C
 MEETS: JAN 8-MAY 4

2124130 26 TR 3:40-4:30 STAMY C
 TR 8:00-10:50 RICHARDS C
 MEETS: JAN 8-MAY 4

2124135 27 TR 3:40-4:30 STAMY C
 TR 8:00-10:50 RICHARDS C
 MEETS: JAN 8-MAY 4

DESIGN REPRESENTATN DSN S 131 4 CREDITS
 2124140 28 TR 3:40-4:30
 TR 8:00-10:50
 MEETS: JAN 8-MAY 4

2124145 29 TR 3:40-4:30
 TR 11:00-1:50
 MEETS: JAN 8-MAY 4

2124150 30 TR 3:40-4:30
 TR 11:00-1:50
 MEETS: JAN 8-MAY 4

DESIGN CULTURES DSN S 183 3 CREDITS
 5945005 1 TR 2:10-3:00
 F 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1 FOR MAJORS OTHER THAN COLLEGE OF DESIGN

5945010 2 TR 2:10-3:00
 F 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 2 RESTRICTED TO DESIGN COLLEGE MAJORS

5945015 3 TR 2:10-3:00
 F 11:00-11:50
 MEETS: JAN 8-MAY 4

5945020 4 TR 2:10-3:00
 F 11:00-11:50
 MEETS: JAN 8-MAY 4

5945025 5 TR 2:10-3:00
 F 12:10-1:00
 MEETS: JAN 8-MAY 4

5945030 6 TR 2:10-3:00
 F 12:10-1:00
 MEETS: JAN 8-MAY 4

5945035 7 TR 2:10-3:00
 F 1:10-2:00
 MEETS: JAN 8-MAY 4

5945040 8 TR 2:10-3:00
 F 1:10-2:00
 MEETS: JAN 8-MAY 4

5945045 9 TR 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 8-MAY 4

5945050 10 TR 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 8-MAY 4

5945055 11 TR 2:10-3:00
 F 3:10-4:00
 MEETS: JAN 8-MAY 4

5945060 12 TR 2:10-3:00
 F 3:10-4:00
 MEETS: JAN 8-MAY 4

DIGTL DSN CMUNICA DSN S 232 3 CREDITS
 2087005 1 TR 5:30-6:50PM
 MEETS: JAN 8-MAY 4

2087040 2 TR 5:30-6:50PM
 MEETS: JAN 8-MAY 4

STDY ABRD PREP SEMN DSN S 301 1 CREDIT
 Satisfactory-Fail Only.
 7396005 1 M 6:00-6:50PM
 MEETS: JAN 8-MAY 4

DESIGN LEADRSHIP SEM DSN S 302 2 CREDITS
 Prereq: SELECTION AS A PEER MENTOR FOR THE CORE
 DESIGN PROGRAM
 Satisfactory-Fail Only.
 8568005 1 M 6:10-7:00PM
 ARRANGED
 MEETS: JAN 8-MAY 4

8568010 2 T 6:10-7:00PM
 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

PRACTICAL EXPERIENC DSN S 310 R CREDIT
 Prereq: PERMISSION OF ADVISER OR COORDINATOR
 OF DESIGN STUDIES
 Satisfactory-Fail Only.
 5669005 ARRANGED
 MEETS: JAN 8-MAY 4

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

DESIGN STUDIES

(CONTINUED)

INDEP STDY ENTREPRN DSN S 490E 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY SOC/BEHV DSN S 490F 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

SPL TP ITALIAN CULT DSN S 492 1 CREDIT
 Prereq: ENROLLMENT IN THE COLLEGE OF DESIGN ROME
 STUDY ABROAD PROGRAM
 6821800 IT ARRANGED SCHNEIDER P
 MEETS: JAN 8-APRIL 27
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2018.
 OFFERED FOR 1 CREDIT
 Study Abroad Administrative Fee Applies

INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS
 Prereq: GRADUATE OR SENIOR STANDING IN THE
 COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR
 2878005 1 MWF 1:10-5:20 NAEGELE D
 ARRANGED NAEGELE D
 MEETS: JAN 8-MAY 4

2878010 2 MW 1:10-5:20, ARRANGED DRINKWATER J
 MEETS: JAN 8-MAY 4

2878015 3 MWF 1:10-5:20 LESLIE T
 ARRANGED LESLIE T
 MEETS: JAN 8-MAY 4

2878020 4 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 4 TOPIC: HEALTH HEALING & WELLNESS
 OFFERED FOR 4 CREDITS

2878025 5 MWF 1:10-4:00
 ARRANGED
 MEETS: JAN 8-MAY 4

2878030 6 MWF 1:10-5:20 GOCHE P
 ARRANGED GOCHE P
 MEETS: JAN 8-MAY 4
 Note: SEC 6 TOPIC: BLACK CONTEMPORARY: RURAL
 MDUTE 3 FOOD HUB OFFERED FOR 6 CREDITS

2878035 7 MWF 1:10-5:20 LEE S
 ARRANGED LEE S
 MEETS: JAN 8-MAY 4

2878040 8 MWF 1:10-5:20 SQUIRE M
 ARRANGED SQUIRE M
 MEETS: JAN 8-MAY 4

2878045 9 MWF 1:10-5:20 DOYLE S
 ARRANGED DOYLE S
 MEETS: JAN 8-MAY 4

2878800 IT ARRANGED
 MEETS: JAN 8-APRIL 27
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2018.
 OFFERED FOR 6 CREDITS
 Materials, field trips &/or travel fee
 \$25.00-\$950.00
 Study Abroad Administrative Fee Applies

2878050 10 MWF 1:10-5:20 CLENDENEN B
 ARRANGED CLENDENEN B
 MEETS: JAN 8-MAY 4

2878055 11 MWF 1:10-5:20 PAXSON L
 ARRANGED PAXSON L
 MEETS: JAN 8-MAY 4

2878060 12 MWF 1:10-5:20 STEVENS J
 ARRANGED STEVENS J
 MEETS: JAN 8-MAY 4

2878065 13 MWF 1:10-5:20 MUECKE M
 ARRANGED MUECKE M
 MEETS: JAN 8-MAY 4

2878070 14 MWF 1:10-5:20 BILLICK K
 ARRANGED BILLICK K
 MEETS: JAN 8-MAY 4

2878075 15 MWF 1:10-5:20 WHITEHEAD R
 ARRANGED WHITEHEAD R
 MEETS: JAN 8-MAY 4

2878080 16 TR 8:00-1:00, ARRANGED
 MEETS: JAN 8-MAY 4

2878085 17 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 8-MAY 4

2878090 18 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 8-MAY 4

2878095 19 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 8-MAY 4

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

NUTR ASPCTS ONCOLGY DIET 597 3 CREDITS
 Prereq: B.S. IN NUTRITION, DIETETICS, BIOLOGY,
 OR RELATED DISCIPLINE
 4267005 1 ARRANGED MACDONALD R
 MEETS: JAN 8-MAY 4

ECOLOGY & EVOLUTIONARY BIOLOGY

SPECIAL TOPICS EEB 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND INSTR PERMISSN

 SEE DEPT FOR REFERENCE NUMBERS

SEMINAR EEB 698 1 CREDIT
 7861005 1 ARRANGED
 MEETS: JAN 8-MAY 4

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 TOTH A
 MEETS: JAN 8-MAY 4

CONSERVATION BIOLGY EEOB 531 3 CREDITS
 Prereq: BIOL 312; BIOL 313 OR GRADUATE STANDING
 2644005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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: JAN 8-MAY 4

INTRO CELL TECHNIQS EEOB 542C 1 CREDIT
 Satisfactory-Fail Only.
 7119005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: JAN 8-MAY 4

BRYOPHYT&LICHN DVRS EEOB 555 3 CREDITS
 Prereq: BIOL 212, BIOL 212L
 8952005 MR 4:10-6:30PM COLBERT J
 MEETS: JAN 8-MAY 4

EVOL &ECOL GENOMICS EEOB 561 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR. RECOMMEND
 CBIO 444.
 1163005 WF 1:10-2:30
 MEETS: JAN 8-MAY 4

EVOLUTNARY GENETICS EEOB 562 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1241005 TR 11:00-12:15 JANZEN F
 MEETS: JAN 8-MAY 4

MOLEC PHYLOGENETICS EEOB 563 3 CREDITS
 Prereq: BIOL 313, BIOL 315
 7054005 TR 9:00-10:50 LAVROV D
 MEETS: JAN 8-MAY 4

WETLAND ECOLOGY EEOB 564 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 2126005 TR 8:00-9:15 VAN DER VALK A
 MEETS: JAN 8-MAY 4

ADV ECOSYSTEM ECOL EEOB 584 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOL, CHEM, PHYS
 2132005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 3100010 2 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 3100015 3 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 3100020 4 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 3100025 5 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 3100030 6 MW 6:10-7:30PM
 MEETS: JAN 8-MAY 4
 3100035 7 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 3100040 8 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW
 3100605 XW ARRANGED ISOJAERVI A
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

PRIN MACROECONOMICS ECON 102 3 CREDITS
 Prereq: ECON 101 RECOMMENDED
 3099005 1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099010 2 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099015 3 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099020 4 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099025 5 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099030 6 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099035 7 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW
 3099605 XW ARRANGED KIM G
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

ORIENTATION AG BUSI ECON 110 1 CREDIT
 3172005 1 TR 2:10-3:00
 MEETS: JAN 8-MARCH 2

APPL ECON OPTIMIZTN ECON 207 3 CREDITS
 Prereq: MATH 151, MATH 160, MATH 165 OR EQUIVALENT
 Note: COURSE RESTRICTED TO AG B, BUSEC, ECON MAJORS ONLY
 2753005 1 MW 12:10-1:00
 W 2:10-3:25
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 2753010 2 MW 12:10-1:00
 R 2:10-3:25
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 2753015 3 MW 12:10-1:00
 R 3:40-5:00
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

FARM BUSINESS MGT ECON 230 3 CREDITS
 Prereq: ECON 101; ACCT 284
 3177005 1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO AG B MAJORS ONLY
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3177010 2 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

ECONOMICS (CONTINUED)

INTRO AGRI MARKETS ECON 235 3 CREDITS
 Prereq: ECON 101
 3174005 1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3174010 2 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

COOPERATIVE EDUC ECON 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 Note: Instructor permission required.
 4834005 1 ARRANGED
 MEETS: JAN 8-MAY 4

INTERMED MICROECON ECON 301 3- 4 CREDITS
 Prereq: ECON 101; ECON 207 OR MATH 166
 Note: COURSE OFFERED FOR 4 CREDITS SPRING 2018.
 3101005 1 MWF 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 8-MAY 4

Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3101010 2 MWF 11:00-11:50
 R 2:10-4:00
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3101015 3 TR 9:30-10:50
 T 2:10-4:00
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3101020 4 TR 9:30-10:50
 W 2:10-4:00
 MEETS: JAN 8-MAY 4

INTERMED MACROECON ECON 302 3 CREDITS
 Prereq: ECON 101, ECON 102; MATH 160 OR MATH 165
 3102005 1 TR 2:10-3:25
 MEETS: JAN 8-MAY 4

ECONOMICS OF SPORTS ECON 313 3 CREDITS
 Prereq: ECON 101
 4910005 1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

ENTREPRENEURSHIP AG ECON 334 3 CREDITS
 Prereq: ECON 101
 6836005 1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 6836010 2 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

AGRICULTRL MARKETNG ECON 337 3 CREDITS
 Prereq: ECON 101; ECON 235 IS RECOMMENDED.
 2316005 1 TR 9:30-10:20
 T 2:10-4:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO AG B, ECON MAJORS ONLY
 2316010 2 TR 9:30-10:20
 T 2:10-4:00
 MEETS: JAN 8-MAY 4

PUBLIC FINANCE ECON 344 3 CREDITS
 Prereq: ECON 101
 3111005 1 T 6:10-9:00PM
 MEETS: JAN 8-MAY 4

MONEY, BANK, FIN INST ECON 353 3 CREDITS
 Prereq: ECON 101, ECON 102
 3103005 1 TR 3:40-4:55
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

INT'L TRADE&FINANCE ECON 355 3 CREDITS
 Prereq: ECON 101, ECON 102
 Note: Meets international perspectives reqmt
 8925005 1 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

RURAL PRPRTY APPRSL ECON 364 3 CREDITS
 Prereq: 101
 8902005 1 TR 2:10-3:25
 MEETS: JAN 8-MAY 4

INTRO ECONOMETRICS ECON 371 4 CREDITS
 Prereq: ECON 301, ECON 302 OR ECON 353, STAT 326
 2790005 1 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 8-MAY 4

ECONOMICS		(CONTINUED)	
RETIREM PLN&BENEFITS	ECON 378	3 CREDITS	
Prereq: 3 CR PRIN OF ECONOMICS, 3 CR IN HD FS			
Note: Meets U.S. diversity reqmt			
5750005	MWF 2:10-3:00	GUDMUNSON C	
MEETS: JAN 8-MAY 4			
ENERGY&ENVIRON	ECON 380	3 CREDITS	
Prereq: ECON 101			
3180005	1 TR 11:00-12:15		
MEETS: JAN 8-MAY 4			
ECONOMIC DEVELOPMNT	ECON 385	3 CREDITS	
Prereq: ECON 101, ECON 102			
Note: Meets international perspectives reqmt			
3114005	1 TR 12:40-2:00		
MEETS: JAN 8-MAY 4			
COOPERATIVE EDUC	ECON 398	R CREDIT	
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION			
Note: Permission of adviser required.			
4835005	1 ARRANGED		
MEETS: JAN 8-MAY 4			
INDUSTRIAL ORGANZTN	ECON 416	3 CREDITS	
Prereq: ECON 301			
3184005	1 TR 9:30-10:45		
MEETS: JAN 8-MAY 4			
INTRO GAME THEORY	ECON 418	3 CREDITS	
Prereq: ECON 301			
9091005	1 TR 12:40-2:00		
MEETS: JAN 8-MAY 4			
ANALYSIS FOOD MRKTS	ECON 435X	3 CREDITS	
Prereq: STAT 226, ECON 235, ECON 301			
9815005	MWF 10:00-10:50		
MEETS: JAN 8-MAY 4			
INTERNATNAL FINANCE	ECON 457	3 CREDITS	
Prereq: ECON 302			
Note: Meets international perspectives reqmt			
5250005	1 TR 11:00-12:15		
MEETS: JAN 8-MAY 4			
AGRICULTURL FINANCE	ECON 466	3 CREDITS	
Prereq: ECON 301, STAT 226, FIN 301 AND ECON 353 (RECOMMENDED)			
3183005	1 MWF 1:10-2:00		
MEETS: JAN 8-MAY 4			
INDEPENDENT STUDY	ECON 490	1- 5 CREDITS	
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON			
Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.			
Satisfactory-Fail Only.			
***** SEE DEPT FOR REFERENCE NUMBERS			
IND STDY ENTREPRENR	ECON 490E	1- 5 CREDITS	
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON			
Satisfactory-Fail Only.			
***** SEE DEPT FOR REFERENCE NUMBERS			
INDEP STUDY HONORS	ECON 490H	1- 5 CREDITS	
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON.			
AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON 490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY COUNT NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.			
Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION. COURSE RESTRICTED TO UNIV. HONORS STUDENTS.			
Satisfactory-Fail Only.			
***** SEE DEPT FOR REFERENCE NUMBERS			
GRADUATNG SR SURVEY	ECON 492	R CREDIT	
Prereq: GRADUATING SENIOR			
Satisfactory-Fail Only.			
6208005	1 R 4:10-5:00		
MEETS: JAN 8-MAY 4			
Note: SEC 1 RESTRICTED TO AG B MAJORS ONLY			
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp			
6208100	2 R 4:10-5:00		
MEETS: JAN 8-MAY 4			
Note: SEC 2 RESTRICTED TO BUSEC MAJORS ONLY			
6208015	3 R 4:10-5:00		
MEETS: JAN 8-MAY 4			
Note: SEC 3 RESTRICTED TO ECON MAJORS ONLY			
ECON DOMESTC TRAVEL	ECON 495	1- 3 CREDITS	
Prereq: SOPHOMORE STATUS, INSTRUCTOR PERMISSION			
Note: DOMESTIC TRAVEL IN THE MIDWEST			
9444005	MW 3:10-4:30, ARRANGED		
MEETS: JAN 8-MAY 4			

ECONOMICS		(CONTINUED)	
ECON TRAVEL COURSE	ECON 496	1- 3 CREDITS	
Prereq: SOPHOMORE STATUS, PERMISSION OF INSTRUCTR			
Note: Meets international perspectives reqmt			
5225800	AR ARRANGED	LUVAGA E	
MEETS: MARCH 9-18			
Note: SEC AR TAUGHT IN ARGENTINA. TOPIC: AGRICULTURAL PRODUCTION, BUSINESS AND TRADE IN ARGENTINA. SPRING 2018 - TRAVEL MARCH 9-18			
VARIABLE CREDITS 1-2.			
Study Abroad Administrative Fee Applies			
5225805	UK ARRANGED	ALEXANDER T	
MEETS: JAN 8-MARCH 18			
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 2018. OFFERED FOR 3 CREDITS			
TRAVEL MARCH 8-18			
Study Abroad Administrative Fee Applies			
COOPERATIVE EDUC	ECON 498	R CREDIT	
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION			
Note: Permission of adviser required.			
4836005	1 ARRANGED		
MEETS: JAN 8-MAY 4			
EXPERMNTL ECONOMICS	ECON 510	3 CREDITS	
Prereq: ECON 501 OR ECON 601			
4909005	M 6:10-9:00PM		
MEETS: JAN 8-MAY 4			
PUBLIC ECONOMICS	ECON 545	3 CREDITS	
Prereq: ECON 501 OR ECON 601			
3137005	1 TR 2:10-3:25		
MEETS: JAN 8-MAY 4			
INTERMED ECONOMETRC	ECON 571	3 CREDITS	
Prereq: ECON 500			
9077005	1 MWF 10:00-10:50		
MEETS: JAN 8-MAY 4			
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp			
SPECIAL TOPICS	ECON 590	1- 5 CREDITS	
Satisfactory-Fail Only.			
***** SEE DEPT FOR REFERENCE NUMBERS			
CREATIVE COMPONENT	ECON 599	1- 5 CREDITS	
Satisfactory-Fail Only.			
***** SEE DEPT FOR REFERENCE NUMBERS			
MICROECON ANALYS II	ECON 603	4 CREDITS	
Prereq: ECON 601, ECON 602 AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION			
3125005	1 TR 9:30-11:20		
F 3:10-5:00			
MEETS: JAN 8-MAY 4			
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp			
ADV MACROECON ANALY	ECON 604	4 CREDITS	
Prereq: ECON 601, ECON 602 AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION			
3156005	1 MW 1:10-3:00		
F 1:10-3:00			
MEETS: JAN 8-MAY 4			
THEORET INDUS ORGNZ	ECON 615	3 CREDITS	
Prereq: ECON 603			
2937005	1 TR 12:40-2:00		
MEETS: JAN 8-MAY 4			
AGRICULTURL ECON II	ECON 642	3 CREDITS	
Prereq: ECON 603			
2944005	1 TR 11:00-12:15		
MEETS: JAN 8-MAY 4			
INTERNATNAL FINANCE	ECON 657	3 CREDITS	
Prereq: ECON 602			
3141005	1 T 5:10-8:00PM		
MEETS: JAN 8-MAY 4			
ECONOMETRICS II	ECON 672	4 CREDITS	
Prereq: ECON 671			
3146005	1 MW 11:00-12:50		
F 11:00-12:50			
MEETS: JAN 8-MAY 4			
MICROECONOMETRICS	ECON 673	3 CREDITS	
Prereq: ECON 672, ECON 601			
7404005	1 MW 8:00-9:15		
MEETS: JAN 8-MAY 4			
ADV RESOURCE ECON	ECON 680	3 CREDITS	
Prereq: ECON 603			
3204005	1 TR 9:30-10:45		
MEETS: JAN 8-MAY 4			

ECONOMICS (CONTINUED)

ADVANCED TOPICS ECON 690 1- 5 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

THIRD-YEAR PAPER ECON 691 3 CREDITS
 Satisfactory-Fail Only.
 5334005 1 ARRANGED
 MEETS: JAN 8-MAY 4

WORKSHOP ECON 693 3 CREDITS
 Satisfactory-Fail Only.
 8649005 1 ARRANGED
 MEETS: JAN 8-MAY 4

RESEARCH ECON 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION

SPECIAL TOPICS EDADM 590 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATV COMPON DEVEL EDADM 599 1- 3 CREDITS
 Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS EDADM 690 1- 3 CREDITS
 Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CLINCL DILEMM PRCTC EDADM 691 1- 3 CREDITS
 Prereq: EDADM 541, ADMISSION TO PROGRAM, INSTR
 APPROVAL
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DISSERTATN RESEARCH EDADM 699 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL LEADERSHIP & POLICY ST

SOC JUSTC FIELD EXP EL PS 591 1- 3 CREDITS
 Prereq: EL PS 620
 ***** SEE DEPT FOR REFERENCE NUMBERS

CAPSTONE EXPERIENCE EL PS 616 3 CREDITS
 Prereq: 4 CREDITS OF EL PS 615
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUC FOR SOC JUSTCE EL PS 620 3 CREDITS
 8898005 T 5:10-8:00PM
 MEETS: JAN 8-MAY 4

CRITICL RACE THEORY EL PS 624 3 CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018
 2658005 M 5:30-8:20PM
 MEETS: JAN 8-MAY 4

EDUCATN POLICY&ANLY EL PS 630X 3 CREDITS
 Prereq: ADVANCED GRADUATE STANDING
 9954005 1 T 5:30-8:20PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

2887010 B T 3:10-4:00
 MEETS: JAN 8-MAY 4

2887015 C R 2:10-3:00
 MEETS: JAN 8-MAY 4

INTR EE&PROB SOLV I E E 185 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON
 MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR
 ENROLLMENT IN MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: CPR E 185, E E 185,
 S E 185, M E 160, ENGR 160, A B E 160, AER E 160,
 C E 160, I E 148
 3880005 A TR 9:00-9:50
 W 4:10-6:00PM
 MEETS: JAN 8-MAY 4

3880010 B TR 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

6239010 B R 12:10-2:00
 MEETS: JAN 8-MAY 4

6239015 C R 2:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

2120010 B MWF 10:00-10:50
 R 8:00-10:50
 MEETS: JAN 8-MAY 4

2120015 C MWF 10:00-10:50
 W 2:10-5:00
 MEETS: JAN 8-MAY 4

2120020 D MWF 2:10-3:00
 W 11:00-1:50
 MEETS: JAN 8-MAY 4

2120025 E MWF 2:10-3:00
 R 5:10-8:00PM
 MEETS: JAN 8-MAY 4

2120030 F MWF 2:10-3:00
 F 9:00-11:50
 MEETS: JAN 8-MAY 4

2120035 G MWF 2:10-3:00
 T 5:10-8:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

5064010 B TR 4:10-5:30
 W 12:10-3:00
 MEETS: JAN 8-MAY 4

5064015 C TR 4:10-5:30
 F 8:00-10:50
 MEETS: JAN 8-MAY 4

5064020 D TR 4:10-5:30
 F 1:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

4639010 B MWF 4:10-5:00
 T 11:00-1:50
 MEETS: JAN 8-MAY 4

4639015 C MWF 4:10-5:00
 T 5:10-8:00PM
 MEETS: JAN 8-MAY 4

4639020 D MWF 4:10-5:00
 W 8:00-10:50
 MEETS: JAN 8-MAY 4

4639025 E MWF 4:10-5:00
 W 5:10-8:00PM
 MEETS: JAN 8-MAY 4

4639030 F MWF 4:10-5:00
 R 11:00-1:50
 MEETS: JAN 8-MAY 4

4639035 G MWF 4:10-5:00
 F 12:10-3:00
 MEETS: JAN 8-MAY 4

4639040 J MWF 4:10-5:00
 W 11:00-1:50
 MEETS: JAN 8-MAY 4

TRANSFER ORIENTATIO E E 261 R CREDIT
 Satisfactory-Fail Only.
 9197005 T 11:00-11:50
 MEETS: JAN 8-MAY 4

PROB SOLV MTHD&TOOL E E 285 4 CREDITS

2505005 A MWF 12:10-1:00
 T 8:00-9:50
 MEETS: JAN 8-MAY 4

2505010 B MWF 12:10-1:00
 T 4:10-6:00PM
 MEETS: JAN 8-MAY 4

2505015 C MWF 12:10-1:00
 W 8:00-9:50
 MEETS: JAN 8-MAY 4

2505020 D MWF 12:10-1:00
 W 10:00-11:50
 MEETS: JAN 8-MAY 4

2505025 E MWF 12:10-1:00
 R 3:10-5:00
 MEETS: JAN 8-MAY 4

2505030 F MWF 12:10-1:00
 T 6:10-8:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

5380010 A2 M 1:10-2:00
 MEETS: JAN 8-MAY 4

5380015 A3 M 1:10-2:00
 MEETS: JAN 8-MAY 4

5380020 B1 F 3:10-4:00
 MEETS: JAN 8-MAY 4

5380025 B2 F 3:10-4:00
 MEETS: JAN 8-MAY 4

5380030 B3 F 3:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

ELECTROMG FLD&WAVES E E 311 4 CREDITS
 Prereq: E E 201, MATH 265, PHYS 222, CREDIT OR
 ENROLLMENT IN MATH 267

2889005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

PROBAB MTH,ELEC ENG E E 322 3 CREDITS
 Prereq: E E 224

3424005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

2192010 B MWF 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 8-MAY 4

2192015 C MWF 2:10-3:00
 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

5635010 B MWF 9:00-9:50
 R 3:10-6:00PM
 MEETS: JAN 8-MAY 4

5635015 C MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4

5635020 D MWF 9:00-9:50
 F 1:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

ANALYS ENERGY SYSTM E E 351 3 CREDITS
 Prereq: PHYS 222
 Note: Meets international perspectives reqmt

8412005 MW 4:10-5:20
 MEETS: JAN 8-MAY 4

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 8-MAY 4

5403010 A2 M 1:10-2:00
 MEETS: JAN 8-MAY 4

5403015 A3 M 1:10-2:00
 MEETS: JAN 8-MAY 4

5403020 B1 F 3:10-4:00
 MEETS: JAN 8-MAY 4

5403025 B2 F 3:10-4:00
 MEETS: JAN 8-MAY 4

5403030 B3 M 1:10-2:00
 MEETS: JAN 8-MAY 4

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

ELMAG RAD,ANTN,PRPG E E 417 4 CREDITS
 Prereq: E E 311

2900005 A MWF 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 8-MAY 4

2900010 B MWF 11:00-11:50
 R 9:00-11:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

COMMUNIC SYSTMS LAB E E 423 1 CREDIT
 Prereq: E E 421, ENROLLMENT IN E E 422

2903005 A W 5:30-8:20PM
 MEETS: JAN 8-MAY 4

INT DIGT SIGNL PROC E E 424 4 CREDITS
 Prereq: E E 224

7977005 A TR 11:00-12:20
 R 3:10-6:00PM
 MEETS: JAN 8-MAY 4

MICROELEC FABRICATN E E 432 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN E E 332

9222005 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

2906010 B MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 8-MAY 4

2906015 C MWF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 8-MAY 4

ELECTRN PROP MATRLS E E 437X 3 CREDITS
 Prereq: E E 332 OR MAT E 317 OR PHYS 322

9874005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

OPTOELECTN DEVC&APP E E 438 3 CREDITS
 Prereq: E E 311, E E 332

7182005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

INTR CIRCUIT&INSTRM E E 442 2 CREDITS
 Prereq: PHYS 222, MATH 267
 Note: COURSE RESTRICTED TO ENGR & PHYS MAJORS OTHER
 THAN E E AND CPR E. CREDIT FOR EITHER E E 201 OR
 E E 442, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION. CREDIT FOR E E 442 MAY NOT BE APPLIED
 TOWARD A DEGREE IN EITHER E E OR CPR E.

4723005 A MWF 4:10-5:00
 T 8:00-9:50
 MEETS: JAN 8-MARCH 2

4723010 B MWF 4:10-5:00
 R 5:10-7:00PM
 MEETS: JAN 8-MARCH 2

4723015 C MWF 4:10-5:00
 F 2:10-4:00
 MEETS: JAN 8-MARCH 2

4723020 D MWF 4:10-5:00
 F 8:00-9:50
 MEETS: JAN 8-MARCH 2

4723025 E MWF 4:10-5:00
 R 3:10-5:00
 MEETS: JAN 8-MARCH 2

4723030 F MWF 4:10-5:00
 F 12:10-2:00
 MEETS: JAN 8-MARCH 2

4723035 G MWF 4:10-5:00
 F 10:00-11:50
 MEETS: JAN 8-MARCH 2

4723040 J MWF 4:10-5:00
 R 11:00-12:50
 MEETS: JAN 8-MARCH 2

4723045 K MWF 4:10-5:00
 R 7:10-9:00PM
 MEETS: JAN 8-MARCH 2

4723050 L MWF 4:10-5:00
 W 10:00-11:50
 MEETS: JAN 8-MARCH 2

4723055 M MWF 4:10-5:00
 T 10:00-11:50
 MEETS: JAN 8-MARCH 2

4723060 N MWF 4:10-5:00
 W 8:00-9:50
 MEETS: JAN 8-MARCH 2

4723065 P MWF 4:10-5:00
 R 1:10-3:00
 MEETS: JAN 8-MARCH 2

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

INTR CIRCUIT&INSTRM E E 442 2 CREDITS
 4723070 Q MWF 4:10-5:00
 T 2:10-4:00
 MEETS: JAN 8-MARCH 2
 4723075 R MWF 4:10-5:00
 W 6:10-8:00PM
 MEETS: JAN 8-MARCH 2
 4723080 S MWF 4:10-5:00
 T 12:10-2:00
 MEETS: JAN 8-MARCH 2
 4723085 T MWF 4:10-5:00
 T 7:10-9:00PM
 MEETS: JAN 8-MARCH 2

INTRO AC CIRC&MOTOR E E 448 2 CREDITS
 Prereq: E E 442
 Note: CREDIT FOR E E 448 MAY NOT BE APPLIED TOWARD A DEGREE IN EITHER E E OR CPR E. COURSE RESTRICTED TO MAJORS OTHER THAN E E, CPR E, E CPE.
 4775005 A MWF 4:10-5:00
 T 8:00-9:50
 MEETS: MARCH 5-MAY 4
 4775010 B MWF 4:10-5:00
 R 5:10-7:00PM
 MEETS: MARCH 5-MAY 4
 4775015 C MWF 4:10-5:00
 F 2:10-4:00
 MEETS: MARCH 5-MAY 4
 4775020 D MWF 4:10-5:00
 F 8:00-9:50
 MEETS: MARCH 5-MAY 4
 4775025 E MWF 4:10-5:00
 R 3:10-5:00
 MEETS: MARCH 5-MAY 4
 4775030 F MWF 4:10-5:00
 F 12:10-2:00
 MEETS: MARCH 5-MAY 4
 4775035 G MWF 4:10-5:00
 F 10:00-11:50
 MEETS: MARCH 5-MAY 4
 4775040 J MWF 4:10-5:00
 R 11:00-12:50
 MEETS: MARCH 5-MAY 4
 4775045 K MWF 4:10-5:00
 R 7:10-9:00PM
 MEETS: MARCH 5-MAY 4
 4775050 L MWF 4:10-5:00
 W 10:00-11:50
 MEETS: MARCH 5-MAY 4
 4775055 M MWF 4:10-5:00
 T 10:00-11:50
 MEETS: MARCH 5-MAY 4
 4775060 N MWF 4:10-5:00
 W 8:00-9:50
 MEETS: MARCH 5-MAY 4
 4775065 P MWF 4:10-5:00
 R 1:10-3:00
 MEETS: MARCH 5-MAY 4
 4775075 R MWF 4:10-5:00
 W 6:10-8:00PM
 MEETS: MARCH 5-MAY 4
 4775080 S MWF 4:10-5:00
 T 12:10-2:00
 MEETS: MARCH 5-MAY 4
 4775085 T MWF 4:10-5:00
 T 7:10-9:00PM
 MEETS: MARCH 5-MAY 4
 4775090 U MWF 4:10-5:00
 T 2:10-4:00
 MEETS: MARCH 5-MAY 4

ENGINEERG ACOUSTICS E E 451 3 CREDITS
 Prereq: PHYS 221 AND MATH 266 OR MATH 267
 8380005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 2893010 B TR 11:00-11:50
 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 2893015 C TR 11:00-11:50
 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

CONTROL SYS SIMULAT E E 476 3 CREDITS
 Prereq: E E 475
 2915005 MW 4:10-5:00, ARRANGED
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

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 OR E E 589
 5436005 1 R 11:00-1:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 7347010 B W 2:10-3:00
 MEETS: JAN 8-MAY 4
 7347015 C R 2:10-3:00
 MEETS: JAN 8-MAY 4
 7347020 D R 3:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

DSN CMOS PHS-L LOOP E E 506 4 CREDITS
 Prereq: E E 435 OR E E 501 OR INSTRUCTOR APPROVAL
 9160005 A TR 11:00-12:20
 T 2:10-5:00
 MEETS: JAN 8-MAY 4
 9160010 B TR 11:00-12:20
 W 8:00-10:50
 MEETS: JAN 8-MAY 4

ADV ELECMAG THRY II E E 513 3 CREDITS
 Prereq: E E 512
 2934005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

ELMAGNETC RAD,ANTEN E E 517 4 CREDITS
 Prereq: E E 311
 4808005 A MWF 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 8-MAY 4
 4808010 B MWF 11:00-11:50
 R 9:00-11:50
 MEETS: JAN 8-MAY 4

MICROWV REMOTE SENS E E 518 3 CREDITS
 Prereq: MATH 265 OR EQUIVALENT
 3671005 TR 11:00-12:30
 MEETS: JAN 8-MAY 4

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

TOPICS IN COMMUNICS E E 520 3 CREDITS
 7695005 MW 11:00-12:20
 MEETS: JAN 8-MAY 4

RANM PROC COMM&SIG E E 523 3 CREDITS
 Prereq: E E 322, MATH 317
 7358005 A TR 9:30-10:50
 MEETS: JAN 8-MAY 4

DATA ANLYTC ELE&CPR E E 525X 3 CREDITS
 Prereq: E E 322 OR EQUIVALENT
 9991005 MW 4:10-5:30
 MEETS: JAN 8-MAY 4

DETECT&ESTIM THEORY E E 527 3 CREDITS
 Prereq: E E 422
 2940005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

MICROEL FABRIC TCHQ E E 532 4 CREDITS
 Prereq: PHYS 222, MATH 265. E E 332 OR MAT E 331
 RECOMMENDED
 8880005 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 8-MAY 4

PHYS SEMICOND DEVIC E E 536 3 CREDITS
 Prereq: E E 535
 2942005 MW 5:40-7:00PM
 MEETS: JAN 8-MAY 4

ELECTRN PROP MATRLS E E 537X 3 CREDITS
 Prereq: E E 332 OR MAT E 317 OR PHYS 322
 9872005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

OPTOELE DEVICES&APP E E 538 3 CREDITS
 Prereq: E E 311 OR E E 332
 3517005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

POWER SYST DYNAMICS E E 554 3 CREDITS
 Prereq: E E 456, E E 457, E E 475
 2947005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

SYST ENGR &ANALYSIS E E 565 3 CREDITS
 Prereq: COURSE WORK IN BASIC STATISTICS
 Note: I E MAJORS MAY NOT APPLY CREDIT IN I E/E E/AER E
 565 TOWARD DEGREE REQUIREMENTS
 8931005 A TR 11:00-12:20 JACKMAN J
 MEETS: JAN 8-MAY 4
 8931010 B TR 11:00-12:20 JACKMAN J
 MEETS: JAN 8-MAY 4

OPTIMAL CONTROL E E 574 3 CREDITS
 Prereq: E E 577
 2952005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

DIGIT FEEDBCK CNTRL E E 576 3 CREDITS
 Prereq: E E 475 OR AER E 432 OR M E 411 OR
 MATH 415; AND MATH 267
 2953005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

NONLINEAR SYSTEMS E E 578 3 CREDITS
 Prereq: E E 577
 2955005 MW 4:10-5:30
 MEETS: JAN 8-MAY 4

SURV REMOTE SNS TEC E E 589 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 9758005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

SATELL RMT SENS LAB E E 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 OR E E 589
 3759005 1 R 11:00-1:50
 MEETS: JAN 8-MAY 4

SPL TOP ELECMAG THY E E 590A 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONTROL SYS E E 590B 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN SYS E E 590C 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPTR ENGR E E 590E 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRC PWR E E 590F 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELEC MATRLS E E 590G 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EL DEVIC&CIR E E 590H 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SIGNL PROCS E E 590I 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM ELECTRIC POWER E E 594 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2018.
 2964005 A T 1:10-2:00
 MEETS: JAN 8-MAY 4

SEM COMM&SIGNL PROC E E 597 1 CREDIT
 Note: COURSE RESTRICTED TO E CPE MAJORS ONLY.
 Satisfactory-Fail Only.
 7542005 A ARRANGED
 MEETS: JAN 8-MAY 4

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

ADV TOP ELE PWR SYS E E 653 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2981005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

ENGINEERG INTERNSHP E E 697 R CREDIT
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF
 STUDENT SERVICES.
 Satisfactory-Fail Only.
 5716005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Department permission required.

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

ENGINEERING

ENGINEERING ORIENTN ENGR 101 R CREDIT
 Satisfactory-Fail Only.
 3788005 A T 11:00-11:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC B RESTRICTED TO CPR E, E E AND S E MAJORS
 ONLY.

3788015 C T 8:00-8:50
 MEETS: JAN 8-MAY 4
 Note: SEC C RESTRICTED TO M E MAJORS ONLY.

3788020 D W 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC D RESTRICTED TO C E MAJORS ONLY

3788025 E F 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC E RESTRICTED TO AER E MAJORS

3788030 F T 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC F RESTRICTED TO CPR E, E E AND S E MAJORS
 ONLY.

3788035 G W 2:10-3:00
 MEETS: JAN 8-MARCH 2
 Note: SEC G RESTRICTED TO CH E MAJORS ONLY

3788040 H W 8:00-8:50
 MEETS: JAN 8-MARCH 2
 Note: SEC H RESTRICTED TO M E MAJORS ONLY

3788045 J W 3:10-4:00
 MEETS: JAN 8-MARCH 2
 Note: SEC J RESTRICTED TO M E TRANSFER MAJORS ONLY

3788050 K W 8:00-8:50
 MEETS: JAN 8-MAY 4
 Note: SEC K RESTRICTED TO M E TRANSFERS MAJORS ONLY

3788055 L W 3:10-4:00
 MEETS: JAN 8-MAY 4
 Note: SEC L RESTRICTED TO M E TRANSFERS MAJORS ONLY

3788060 M W 3:10-4:00
 MEETS: JAN 8-MAY 4

LEAD PROGRAM SEMINAR ENGR 105 1 CREDIT
 Satisfactory-Fail Only.
 6866005 F 1:10-3:00
 MEETS: JAN 8-MAY 4
 Note: THIS COURSE IS RESTRICTED TO STUDENTS IN
 LEAD LEARNING COMMUNITY.

LEARNING COMM SEMNR ENGR 131 R CREDIT
 Note: COURSE RESTRICTED TO ENGR MAJORS ONLY
 Satisfactory-Fail Only.
 7845005 A T 10:00-10:50
 MEETS: JAN 8-MAY 4
 7845010 B R 10:00-10:50
 MEETS: JAN 8-MAY 4

ENGINEERING (CONTINUED)

FOUND LEADR DV&LRNG ENGR 150 1 CREDIT
Satisfactory-Fail Only.
8147005 1 T 3:40-5:30
MEETS: MARCH 5-MAY 4

LDRSHP ENGR STU ORG ENGR 155 1 CREDIT
8589005 1 R 3:40-5:30
MEETS: JAN 8-MARCH 2

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 8-MAY 4

2946010 B MW 10:00-11:50
MEETS: JAN 8-MAY 4

2946015 C MW 12:10-2:00
MEETS: JAN 8-MAY 4

2946020 D TR 8:00-9:50
MEETS: JAN 8-MAY 4

2946025 E TR 10:00-11:50
MEETS: JAN 8-MAY 4

2946030 F TR 12:10-2:00
MEETS: JAN 8-MAY 4

2946035 G TR 2:10-4:00
MEETS: JAN 8-MAY 4

2946040 J MW 2:10-4:00
MEETS: JAN 8-MAY 4

LEADRSH ENGR TEAMS ENGR 250 1 CREDIT
8591005 1 R 3:40-5:30
MEETS: JAN 8-MARCH 2

SURV IMPCT OF ENGRG ENGR 265 3 CREDITS
2212005 ARRANGED
MEETS: JAN 8-MAY 4

SURV HOW THINGS WRK ENGR 270 3 CREDITS
7455005 TR 4:10-5:30
MEETS: JAN 8-MAY 4

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 8-MAY 4

COOPERATIVE EDUC ENGR 398 R CREDIT
Satisfactory-Fail Only.
3240006 ARRANGED
MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

ENGINEERING MECHANICS

ENGINEERING STATICS E M 274 3 CREDITS
Prereq: PHYS 221, CREDIT OR ENROLLMNT IN MATH 166
Note: CREDIT IN MAT E 319X, OR THE E M 274 AND E M 324
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
GRADUATION
Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

3004005 1 MWF 9:00-9:50
MEETS: JAN 8-MAY 4

3004010 2 MWF 1:10-2:00
MEETS: JAN 8-MAY 4 RAYBURN C

3004015 3 MWF 1:10-2:00
MEETS: JAN 8-MAY 4 RAYBURN C

3004020 4 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

3004025 5 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

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. CREDIT IN MAT E 319X, OR THE E M 274 AND
E M 324 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED
TOWARD GRADUATION.
Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

3007005 1 MWF 9:00-9:50
MEETS: JAN 8-MAY 4 JOHANNSEN J

3007010 2 MWF 11:00-11:50
MEETS: JAN 8-MAY 4 JOHANNSEN J

3007015 3 MWF 3:10-4:00
MEETS: JAN 8-MAY 4

3007020 4 MWF 3:10-4:00
MEETS: JAN 8-MAY 4 ZARECHNY O

3007040 5 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

3007045 6 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

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 8-MAY 4 SCHAEFER J

3008010 2 T 10:00-11:50
MEETS: JAN 8-MAY 4 SCHAEFER J

3008015 3 R 10:00-11:50
MEETS: JAN 8-MAY 4

3008020 4 W 8:00-9:50
MEETS: JAN 8-MAY 4

3008025 5 W 10:00-11:50
MEETS: JAN 8-MAY 4

3008030 6 T 1:10-3:00
MEETS: JAN 8-MAY 4

3008035 7 R 1:10-3:00
MEETS: JAN 8-MAY 4

3008040 8 T 3:10-5:00
MEETS: JAN 8-MAY 4

3008045 9 R 3:10-5:00
MEETS: JAN 8-MAY 4

3008050 10 T 5:10-7:00PM
MEETS: JAN 8-MAY 4

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 8-MAY 4

3010010 2 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

3010015 3 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

3010020 4 MWF 9:00-9:50
MEETS: JAN 8-MAY 4

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 8-MAY 4 MEYENDORF N

3011605 XE ARRANGED
MEETS: JAN 8-MAY 4 MEYENDORF N
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 T 9:00-11:50
MEETS: JAN 8-MAY 4 BOND L

3012010 B R 9:00-11:50
MEETS: JAN 8-MAY 4 BOND L

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 8-MAY 4

3013010 2 MWF 10:00-10:50
T 10:00-11:50
MEETS: JAN 8-MAY 4

3013015 3 MWF 10:00-10:50
T 1:10-3:00
MEETS: JAN 8-MAY 4

3013020 4 MWF 10:00-10:50
T 3:10-5:00
MEETS: JAN 8-MAY 4

ENGINEERING MECHANICS (CONTINUED)

ENGINEERING MECHANICS (CONTINUED)

MECHANICS OF FLUIDS E M 378 3 CREDITS
 3013025 5 MWF 10:00-10:50
 W 1:10-3:00
 MEETS: JAN 8-MAY 4

3013030 6 MWF 10:00-10:50
 W 3:10-5:00
 MEETS: JAN 8-MAY 4

3013035 7 MWF 10:00-10:50
 R 8:00-9:50
 MEETS: JAN 8-MAY 4

3013040 8 MWF 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 8-MAY 4

3013045 9 MWF 9:00-9:50
 R 1:10-3:00
 MEETS: JAN 8-MAY 4

3013050 10 MWF 9:00-9:50
 R 3:10-5:00
 MEETS: JAN 8-MAY 4

3013055 11 MWF 9:00-9:50
 R 11:00-1:50
 MEETS: JAN 8-MAY 4

3013060 12 MWF 9:00-9:50
 W 3:10-5:00
 MEETS: JAN 8-MAY 4

ENGINEERG ACOUSTICS E M 451 3 CREDITS
 Prereq: PHYS 221 AND MATH 266 OR 267
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE. LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB IS HELD.

3021005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

ULTRSNCR NONDESTR EV E M 480 3 CREDITS
 Prereq: E M 324, MATH 266 OR MATH 267, PHYS 222

1355005 1 MWF 9:00-9:50 CHIMENTI D
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY E M 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E M 490H VAR. CREDITS
 Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

APP ELAST&DEF SOLDS E M 516 3 CREDITS
 Prereq: E M 510

3029005 MWF 1:10-2:00 XIONG L
 MEETS: JAN 8-MAY 4

FINITE ELEMENT ANLY E M 525 3 CREDITS
 Prereq: E M 425, MATH 385

3034005 MWF 2:10-3:00 HONG W
 MEETS: JAN 8-MAY 4

3034605 XE ARRANGED HONG W
 MEETS: JAN 8-MAY 4
 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 10:00-10:50 HOLLAND S
 T 9:00-10:50
 MEETS: JAN 8-MAY 4

8108605 XE ARRANGED HOLLAND S
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

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 8-MAY 4
 Note: Department permission required.

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

ENGLISH

INTENSIVE ENGLISH ENGL 10 0 CREDITS
 Prereq: RECOMMENDATION OF THE ENGLISH DEPT
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10B 0 CREDITS
 Note: Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CREDITS
 Note: Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READING:BEGINR ENGL 11A 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READG:LO-INTMD ENGL 11B 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READING:INTMED ENGL 11C 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READ:HI-INTRMD ENGL 11D 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READING: HIGH ENGL 11E 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP READING:ADVANC ENGL 11F 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING:BEGINR ENGL 12A 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRIT:LO-INTRMD ENGL 12B 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING:INTRMD ENGL 12C 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRIT:HI INTRMD ENGL 12D 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING: HIGH ENGL 12E 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING:ADVANC ENGL 12F 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP LISTN-SPK:BEGN ENGL 13A 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP LIST-SPK:LO-IN ENGL 13B 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGLISH (CONTINUED)

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 TECHNOLOGY ENGL 17 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP BUSNSS LIST-SP ENGL 18 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP BUSNSS READ-WR ENGL 19 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IEOP OPTIONL SEMNAR ENGL 20 0 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

NONNATIVE 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 8-MARCH 2

7877010 2 WF 1:10-2:00
 MEETS: JAN 8-MARCH 2

7877015 3 MW 12:10-1:00
 MEETS: JAN 8-MARCH 2

7877020 4 WF 2:10-3:00
 MEETS: JAN 8-MARCH 2

7877025 5 MW 11:00-11:50
 MEETS: JAN 8-MARCH 2

7877030 6 WF 9:00-9:50
 MEETS: JAN 8-MARCH 2

NONNATIVE SPEAKING ENGL 99S 0 CREDITS
 Prereq: RECOMMENDATION OF ENGLISH DEPARTMENT

9180005 1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

9180010 2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

9180015 3 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

9180020 4 MWF 4:10-5:00
 MEETS: JAN 8-MAY 4

ENGLISH NONNATIVE I ENGL 101B 3 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
 VARIOUS SECTIONS DETERMINED BY EXAMINATION
 Note: ENGL 101B DOES NOT APPLY TOWARD GRADUATION.

3294005 1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

3294010 2 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

3295010 2 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

3295015 3 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

3295020 4 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

3295025 5 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

3295030 6 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

3295035 7 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

ENGLISH NONNATIV II ENGL 101C 3 CREDITS
 3295040 8 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

3296010 2 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 8-MAY 4

3296015 3 W 10:00-10:50
 MF 10:00-10:50
 MEETS: JAN 8-MAY 4

3296020 4 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 8-MAY 4

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.

3298005 FA T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 Note: SEC. FD MAY MEET THURSDAY IN FRILEY HALL
 COMPUTER LAB

3298045 FJ T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4

3298205 TB WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC. TB MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3298210 TC WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 Note: SEC TK MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB

3298255 TL MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 8-MAY 4

ENGLISH

(CONTINUED)

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS
 Note: SEC. TL MAY MEET WEDNESDAY ROSS HALL COMPUTER LAB
 3298260 TM MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 8-MAY 4
 Note: SEC. TM MAY MEET WEDNESDAY ROSS HALL COMPUTER LAB
 3298265 TN WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: SEC. TN MAY MEET MONDAY ROSS HALL COMPUTER LAB
 3298270 TP MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC. TP MAY MEET WEDNESDAY ROSS HALL COMPUTER LAB
 3298071 TQ MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC. MAY MEET WEDNESDAY ROSS HALL COMPUTER LAB
 3298072 TR TR 3:40-6:20PM
 MEETS: JAN 8-MARCH 2
 Note: SEC TR MEETS BOTH DAYS IN THE ROSS COMPUTER LAB
 CONTACT DEANNA STUMBO (229 ROSS) FOR PERMISSION TO
 ADD DURING 1ST WEEK. DUE TO THE CONDENSED NATURE OF
 THIS SECTION (8 WEEKS) REGULAR ATTENDANCE IS CRITICAL
 3298080 TS TR 3:40-6:20PM
 MEETS: MARCH 5-MAY 4
 Note: SEC TS MEETS BOTH DAYS IN THE ROSS COMPUTER LAB
 CONTACT DEANNA STUMBO (229 ROSS) FOR PERMISSION TO
 ADD DURING 1ST WEEK. DUE TO THE CONDENSED NATURE OF
 THIS SECTION (8 WEEKS) REGULAR ATTENDANCE IS CRITICAL
 3298285 TT MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: SEC TT MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB. THIS IS A CROSS-CULTURAL SECTION. US STUDENTS
 ONLY. MEETS JOINTLY WITH SEC. TV.
 3298290 TV MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: SEC TV MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL
 STUDENTS ONLY. MEETS JOINTLY WITH SEC TT. SEE
 ADVISOR TO ADD.
 3298295 TW MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 Note: Department permission required.
 3593010 2 MW 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: Department permission required.

INTRO TO LITERATURE ENGL 201 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 3303005 A1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO ENGL, SP CM, TCOMM ONLY
 MAJORS ONLY
 3303010 A2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, SP CM,
 TCOMM

ENGLISH

(CONTINUED)

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 8-MAY 4
 7369010 B TR 2:10-3:00
 M 4:10-5:00
 MEETS: JAN 8-MAY 4
 7369015 C TR 2:10-3:00
 M 5:10-6:00PM
 MEETS: JAN 8-MAY 4
 7369020 D TR 2:10-3:00
 M 5:10-6:00PM
 MEETS: JAN 8-MAY 4
 7369025 E TR 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 8-MAY 4
 7369030 F TR 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 8-MAY 4
 7369035 G TR 2:10-3:00
 T 5:10-6:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 3307010 B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC B RESTRICTED TO ENGL, LING SOPH & ABOVE
 3307015 C TR 2:10-3:30
 MEETS: JAN 8-MAY 4

DESCRP ENGL GRAMMAR ENGL 220 3 CREDITS
 Prereq: ENGL 250
 3308005 A MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 3308010 B TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 3308015 C TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5351010 A2 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5360010 A2 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 Note: SEC CE IS LIKELY TO MEET ALL DAYS IN THE
 COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299930 CF TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC CG IS LIKELY TO MEET ALL DAYS IN THE
 COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299009 DA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 8-MAY 4

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 Note: SEC DA MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299010 DB WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: SEC DB MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299015 DC WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC DC MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299011 DD WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC DD MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299012 DE WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: SEC DE MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299013 DF WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC DF MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299030 FC R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 Note: SEC FG MAY MEET TUESDAY IN FRILEY HALL
 COMPUTER LAB
 3299221 LA T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 8-MAY 4
 Note: SEC LA MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299222 LB T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC LB MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299220 LE WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4

ENGLISH

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WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 Note: SEC MD MAY MEET MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM.
 3299350 ML T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC MM MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299360 MN T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 Note: SEC MU MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3299105 NA MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 Note: SEC NA MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299110 NB MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC NB MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299115 NC MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC NC MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299120 ND MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC ND MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299125 NE MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: SEC NE MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299130 NF MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC NF MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299135 NG MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC NG MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299140 NH MWF 3:10-4:00
 MEETS: JAN 8-MAY 4
 Note: SEC NH MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299145 NJ MWF 4:10-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC NJ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299150 NK TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 Note: SEC NK MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299155 NL TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC NL MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299160 NM TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 Note: SEC NM MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299165 NN TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC NN MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299170 NP TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC NP MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299175 NQ TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC NQ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299400 PA TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 Note: SEC PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB

ENGLISH

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WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 LAPTOP COMPUTERS ARE PROVIDED.
 3299405 PB TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC PB MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299410 PC TR 3:40-6:20PM
 MEETS: JAN 8-MARCH 2
 Note: SEC PC MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED. CONTACT DEANNA STUMBO
 (229 ROSS) FOR PERMISSION TO ADD DURING 1ST WEEK. DUE
 TO THE CONDENSED NATURE OF THIS SECTION (8 WEEKS)
 REGULAR ATTENDANCE IS CRITICAL
 Department permission required 1st week.
 3299461 PD TR 3:40-6:20PM
 MEETS: MARCH 5-MAY 4
 Note: SEC PR MAY MEET IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED. CONTACT DEANNA STUMBO
 (229 ROSS) FOR PERMISSION TO ADD DURING 1ST WEEK. DUE
 TO THE CONDENSED NATURE OF THIS SECTION (8 WEEKS)
 REGULAR ATTENDANCE IS CRITICAL
 Department permission required 1st week.
 3299420 PE TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 Note: SEC PE MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299425 PF TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC PF MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299430 PG MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 Note: SEC PG MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299435 PH MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC PH MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299440 PJ MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC PJ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299445 PK MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC PK MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299450 PL MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: SEC PL MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299455 PM MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC PM MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299460 PN MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC PN MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299465 PP MW 3:10-6:00PM
 MEETS: JAN 8-MARCH 2
 Note: SEC PP MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED. CONTACT DEANNA STUMBO
 (229 ROSS) FOR PERMISSION TO ADD DURING 1ST WEEK. DUE
 TO THE CONDENSED NATURE OF THIS SECTION (8 WEEKS)
 REGULAR ATTENDANCE IS CRITICAL
 Department permission required 1st week.
 3299470 PQ MW 3:10-6:00PM
 MEETS: MARCH 5-MAY 4
 Note: SEC PQ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED. CONTACT DEANNA STUMBO
 (229 ROSS) FOR PERMISSION TO ADD DURING 1ST WEEK. DUE
 TO THE CONDENSED NATURE OF THIS SECTION (8 WEEKS)
 REGULAR ATTENDANCE IS CRITICAL
 Department permission required 1st week.
 3299260 PR TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC PR MAY MEET IN ROSS HALL LAPTOP COMPUTER
 LAB. COMPUTERES ARE PROVIDED.
 3299700 RA MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 Note: SEC RA MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299705 RB MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC RB MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299710 RC MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC RC MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299715 RD MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC RD MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299720 RE MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: SEC RE MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299725 RF MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC RF MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299730 RG MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC RG MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.

ENGLISH

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WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299735 RH MWF 3:10-4:00
 MEETS: JAN 8-MAY 4
 Note: SEC RH MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299740 RJ MWF 4:10-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC RJ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299745 RK TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 Note: SEC RK MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299750 RL TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC RL MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299755 RM TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 Note: SEC RM MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299760 RN TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC RN MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299765 RP TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC RP MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299770 RQ TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC RQ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299800 SA MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 Note: SEC SA MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299805 SB MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC SB MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299810 SC MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC SC MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299815 SD MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC SD MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299820 SE MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: SEC SE MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299825 SF MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC SF MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299821 SG MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC SH MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299827 SJ MWF 4:10-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC SJ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299830 SK TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 Note: SEC SK MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299840 SL TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC SL MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299845 SM TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 Note: SEC SM MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299885 SN TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC SN MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299890 SQ TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC SQ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299892 ST TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC SQ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299500 TA T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC TB MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB.

ENGLISH

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WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299510 TC T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC TD MAY MEET THURSDAY IN A ROSS HALL COMPUTER LAB

3299525 TE R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC TF MAY MEET TUESDAY IN ROSS HALL COMPUTER LAB

3299535 TG T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC TK MAY MEET FRIDAY IN ROSS COMPUTER LAB

3299555 TL MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC TL MAY MEET FRIDAY IN ROSS COMPUTER LAB

3299605 VB WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 Note: SEC VD MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB

3299620 VE WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 Note: SEC VJ MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3299645 VK MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC VK MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB

3299664 VN T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC VN MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB

3299672 VQ T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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.

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299685 VZ MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.

3306010 A2 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THEN ENGL, TCOMM

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 8-MAY 4

3314010 2 WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 8-MAY 4

3314015 3 MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4

3314030 6 WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 8-MAY 4

3314035 7 MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 8-MAY 4

3314040 8 MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 8-MAY 4

3314045 9 MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 8-MAY 4

3314050 10 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 8-MAY 4

3314055 11 WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 8-MAY 4

3314060 12 WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 8-MAY 4

3314065 13 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 8-MAY 4

3314070 14 MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 8-MAY 4

3314075 15 MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 8-MAY 4

3314080 16 MW 4:10-5:00
 F 4:10-5:00
 MEETS: JAN 8-MAY 4

3314085 17 T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4

3314100 20 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 8-MAY 4

3314105 21 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 8-MAY 4

3314110 22 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 8-MAY 4

3314115 23 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 8-MAY 4

3314120 24 T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 8-MAY 4

ENGLISH

(CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS
 3314125 25 R 2:10-3:00
 T 2:10-3:00
 MEETS: JAN 8-MAY 4
 3314130 26 T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 3314140 28 MW 8:00-8:50
 F 8:00-8:50
 MEETS: JAN 8-MAY 4
 3314145 29 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 3314155 31 WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 8-MAY 4
 3314160 32 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 8-MAY 4
 3314165 33 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 3314185 35 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 8-MAY 4
 3314190 36 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 3314200 38 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: SEC 38 RESTRICTED TO JUNIORS & SENIORS
 IN THE COLLEGE OF BUSINESS
 3314205 39 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 8-MAY 4
 3314210 40 WF 4:10-5:00
 M 4:10-5:00
 MEETS: JAN 8-MAY 4
 3314215 41 T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 3314225 43 MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 3314235 45 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 8-MAY 4
 3314240 46 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 8-MAY 4
 3314245 47 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 8-MAY 4
 3314250 48 MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 8-MAY 4
 3314255 49 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 8-MAY 4

CREAT WRITING:FICTN ENGL 304 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 Note: COURSE IS RESTRICTED TO SOPH AND ABOVE
 3316005 A MW 3:10-4:30
 MEETS: JAN 8-MAY 4
 3316010 B TR 11:00-12:20
 MEETS: JAN 8-MAY 4

ENGLISH

(CONTINUED)

CREAT WRITING:NON-F ENGL 305 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 3317005 A TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 3317010 B TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 CREAT WRITING: POET ENGL 306 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 3318005 A TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 PROPOSAL&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 8-MAY 4
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 8089010 A2 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 8089015 B1 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC B1 RESTRICTED TO ENSCA, MTEOR MAJORS ONLY
 8089025 C1 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 8-MAY 4
 8089035 D1 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 8-MAY 4
 8089040 E1 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 8-MAY 4
 8089045 F1 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 8-MAY 4
 RHETORICAL ANALYSIS ENGL 310 3 CREDITS
 Prereq: ENGL 250
 8308005 A1 TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 8308010 A2 TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 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 8-MAY 4
 6971010 B T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 8-MAY 4
 RHETORCL WEBSTE DSN ENGL 313 3 CREDITS
 Prereq: ENGL 250
 5597005 A1 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 5597010 A2 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 3356010 2 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC 2 RESTRICTED TO CHEM MAJORS ONLY
 3356015 3 MW 10:00-10:50
 F 10:00-10:50
 MEETS: JAN 8-MAY 4
 3356020 4 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 8-MAY 4
 3356025 5 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 8-MAY 4
 3356030 6 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 8-MAY 4
 3356035 7 MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 8-MAY 4
 3356040 8 MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 8-MAY 4
 3356045 9 MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 8-MAY 4
 3356050 10 T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 8-MAY 4
 3356055 11 T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 11 RESTRICTED THE CH E MAJORS ONLY

ENGLISH (CONTINUED)

ENGLISH (CONTINUED)

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS
 3356060 12 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 8-MAY 4
 Note: SEC 12 RESTRICTED THE CH E MAJORS ONLY
 3356065 13 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 8-MAY 4
 3356070 14 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC 14 RESTRICTED THE CH E MAJORS ONLY
 3356075 15 T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 8-MAY 4
 3356080 16 R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 8-MAY 4
 3356085 17 MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 8-MAY 4
 3356090 18 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 8-MAY 4
 3356095 19 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 8-MAY 4
 3356100 20 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 8-MAY 4
 3356115 21 MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 8-MAY 4
 3356120 22 MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 8-MAY 4
 3356125 23 MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 8-MAY 4
 3356130 24 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 TOPC LINGUIST STRUC ENGL 320X 3 CREDITS
 Prereq: ENGL 219 OR LING 219, ENGL 220 OR
 LING 220
 9916005 A MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 LANGUAGE & SOCIETY ENGL 322 3 CREDITS
 Prereq: ENGL 219 OR LING 219
 3054005 A MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 TEACH ESL:ORAL COMM ENGL 325 3 CREDITS
 3196005 A MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 SCIENCE FICTION ENGL 330 3 CREDITS
 Prereq: ENGL 250
 3312005 A1 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3312010 A2 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 AMERICAN INDIAN LIT ENGL 346 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 3325005 A TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 RHETORICAL TRADITNS ENGL 350 3 CREDITS
 Prereq: ENGL 250
 8387005 A1 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM
 MAJORS ONLY
 8387010 A2 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 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 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3330010 A2 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM

LIT AND THE ENVIRON ENGL 355 3 CREDITS
 Prereq: ENGL 250
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 5370005 A1 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 5370010 A2 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 STU 19TH C AMER LIT ENGL 362 3 CREDITS
 Prereq: ENGL 250; SOPHOMORE CLASSIFICATION
 3336005 A1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3336010 A2 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3341010 A2 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL,
 TCOMM
 TCH RDNG OF YNG LIT ENGL 396 3 CREDITS
 Prereq: ENGL 250
 3350005 A1 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
 3350010 A2 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC A2 RESTRICTED TO EL ED MAJORS ONLY.
 TEACHNG WRITING SEC ENGL 397 3 CREDITS
 Prereq: ENGL 219 OR ENGL 220; BEGIN APP PROCESS
 FOR ADMISSN TO UNIV TEACHER ED PROGRAM; INITIATE A
 STATE OF IA DEPT OF CRIMINAL INVESTIGATN BACKGROUND
 CHECK; CONCURRENT ENROLLMENT IN C I 280 (2 CR.).
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
 3381005 A TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 CR WRIT WKSHP:FICTN ENGL 404 3 CREDITS
 Prereq: ENGL 304
 3353005 A TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3358010 A2 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 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 8-MARCH 2
 Note: SEC 1 OFFERED FOR 8 CREDITS.
 7786010 2 ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2 OFFERED FOR 8 CREDITS.
 7786015 3 ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 7786020 4 ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 4 OFFERED FOR 8 CREDITS.
 7786025 5 ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 5 OFFERED FOR 8 CREDITS
 7786030 6 ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 6 OFFERED FOR 8 CREDITS
 7786035 7 ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 7 OFFERED FOR 8 CREDITS
 7786040 8 ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 8 OFFERED FOR 8 CREDITS
 SEMNR ARGUMENTATION ENGL 418 3 CREDITS
 Prereq: ENGL 310; JUNIOR CLASSIFICATION
 2718005 A TR 9:30-10:50
 MEETS: JAN 8-MAY 4

ENGLISH (CONTINUED)

ENGLISH (CONTINUED)

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 8-MAY 4

WOMEN,MEN&ENGL LANG ENGL 422 3 CREDITS
 Prereq: ENGL/LING 219
 Note: Meets U.S. diversity reqmt
 9533005 A TR 11:00-12:20
 MEETS: JAN 8-MAY 4

2ND LANG LRNG&TCHNG ENGL 425 3 CREDITS
 Prereq: ENGL/LING 219, JUNIOR CLASSIFICATION
 9321005 A MW 4:10-5:30
 MEETS: JAN 8-MAY 4

SEMINAR BRITISH LIT ENGL 440 3 CREDITS
 Prereq: COMPLETION OF 9 CR OF SURVEYS; COMPLETION
 OF OR CONCURRENT ENROLLMENT IN ENGL 339; JUNIOR
 CLASSIFICATION.
 9534005 A TR 11:00-12:20
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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
 UNIVERSITY HONORS STUDENTS.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV CRTV WR WRKP MU ENGL 493 3 CREDITS
 Prereq: ENGL 304, ENGL 305, OR ENGL 306;
 JUNIOR CLASSIFICATION
 4591005 A TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

INTRO TO RHET RSRCH ENGL 501 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN ENGLISH
 8090005 A W 3:10-6:00PM
 MEETS: JAN 8-MAY 4

LANGU ASSESS PRACTM ENGL 513 3 CREDITS
 Prereq: ENGL 519
 8728005 A ARRANGED
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

STATISTIC 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 8-MAY 4

MTHD FRML LING ANLY ENGL 516 3 CREDITS
 Prereq: ENGL/LING 219 OR EQUIVALENT
 2867005 A TR 12:40-2:00
 MEETS: JAN 8-MAY 4

2ND LANUAGE ASSESSM ENGL 519 3 CREDITS
 Prereq: ENGL/LING 511
 3402005 A MW 9:30-10:50
 MEETS: JAN 8-MAY 4

OLD ENGL LANG & LIT ENGL 523 3 CREDITS
 Prereq: COURSE IN MEDIEVAL LITERATURE OR HISTORY
 OR HISTORY OF THE ENGLISH LANGUAGE RECOMMENDED
 2098005 A TR 3:40-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

SPECIFIC PURPO ENGL ENGL 528 3 CREDITS
 Prereq: ENGL/LING 511 OR AN INTRODUCTORY
 COURSE IN LINGUISTICS
 5193005 A MW 2:10-3:30
 MEETS: JAN 8-MAY 4

FICTION ENGL 538 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR
 6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE
 3259005 A R 6:10-9:00PM
 MEETS: JAN 8-MAY 4

STDY ENVIRONMNL 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 8-MAY 4

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 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 3412010 B TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

ENGLISH (CONTINUED)

ENGLISH (CONTINUED)

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 8-MAY 4
 3413010 B M 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 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 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4

CRTV WRT TCHG INTRN ENGL 559 1- 3 CREDITS
 Prereq: PERMISSION OF PARTICIPATING INSTRUCTORS
 7431005 A ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

ENVIRON FIELD EXPR 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 8-MAY 4
 Note: Instructor permission required.

INTERN BUS,PRO COMM ENGL 587 1- 3 CREDITS
 Prereq: ENGL 507 PLUS 3 ADDL GRAD CR IN BUSINESS
 & TECHNICAL WRITING OR COMPOSITION & RHETORIC,
 INSTRUCTOR PERMISSION. LIMITED TO MASTER'S & DOCTORAL
 CANDIDATES IN FIELD OF RHETORIC AND PRO COMMUNICATION
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2015
 Instructor permission required.
 3425005 A ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

SUPV PRACT LIT EDIT ENGL 589 1- 3 CREDITS
 Prereq: ENGL 550 AND PERMISSION OF INSTRUCTOR
 7611005 A ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOP LITERATURE ENGL 590A VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TESL/LINGUI ENGL 590B VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RHETOR&COMP ENGL 590C VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP RHE&PRO COMM ENGL 590E VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CREATV WRIT ENGL 590F VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP APP LING&TEC ENGL 590G VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

CORE STU:PRO CMUNIC ENGL 592C 3 CREDITS
 Prereq: 12 CREDITS IN RHETORIC, LINGUISTICS, OR
 LITERATURE, EXCLUDING ENGL 150 AND ENGL 250
 2708005 A TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO ACCT GRADUATE STUDENTS ONLY

CREATIVE COMPONENT ENGL 599 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH MTH RHET:QNTV ENGL 602B 3 CREDITS
 Prereq: ENGL 501
 2965005 A W 3:10-6:00PM
 MEETS: JAN 8-MAY 4

SMNR RHETORC THEORY ENGL 611 3 CREDITS
 Prereq: ENGL 547 OR ENGL 548
 8395005 A T 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 8395010 B M 3:10-6:00PM
 MEETS: JAN 8-MAY 4

CPTR-ASIST LANG TST ENGL 626 3 CREDITS
 Prereq: ENGL/LING 510, ENGL/LING 511,
 ENGL/LING 519
 7616005 A MW 11:00-12:20
 MEETS: JAN 8-MAY 4

SMNR APPLD LINGUIST ENGL 630 3 CREDITS
 Prereq: ENGL/LING 510, ENGL/LING 511
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.
 TOPIC: PSYCOMETRIC METHODS FOR LANGUAGE TESTING
 4758005 S M 5:10-8:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

RESEARCH ENGL 699 VAR. CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

PESTICIDE APPL CERT ENT 283 2 CREDITS
 6695005 A MW 2:10-3:00
 MEETS: JAN 8-MAY 4

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 JURENKA R
 MEETS: JAN 8-MAY 4

INSCTS&OUR HLTH LAB ENT 374L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN ENT 374
 6315005 W 9:00-11:50 SMITH R
 MEETS: JAN 8-MAY 4

PLT PROTEC NAT ENEM ENT 375 3 CREDITS
 Prereq: ENT 370 OR ENT 376
 9546005 A TR 9:30-10:50 HARRIS M
 MEETS: JAN 8-MAY 4

FND ENTOMO&PEST MGT ENT 376 3 CREDITS
 Prereq: BIOL 101 OR BIOL 211
 Note: CREDIT FOR EITHER ENT 376 OR ENT 386, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 3446005 A TR 12:40-1:30 GASSMANN A
 T 2:10-5:00 GASSMANN A
 MEETS: JAN 8-MAY 4

3446010 B TR 12:40-1:30 GASSMANN A
 W 12:10-3:00 GASSMANN A
 MEETS: JAN 8-MAY 4

3446015 C TR 12:40-1:30 O'NEAL M
 W 3:10-6:00PM O'NEAL M
 MEETS: JAN 8-MAY 4

3446020 D TR 12:40-1:30 O'NEAL M
 R 2:10-5:00 O'NEAL M
 MEETS: JAN 8-MAY 4

PESTICIDES IN ENVIR ENT 450 2 CREDITS
 9834005 A MW 9:00-9:50 COATS J
 MEETS: JAN 8-MAY 4

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

ENTOMOLOGY

(CONTINUED)

ENVIRONMENTAL SCIENCE

(CONTINUED)

PESTICIDES IN ENVIR ENT 550 2 CREDITS
 Prereq: GRAD CLASSIFICATION
 8682005 A MW 9:00-9:50 COATS J
 MEETS: JAN 8-MAY 4

INSECT PHYSIOLOGY ENT 555 4 CREDITS
 Prereq: ENT 370
 4042005 TR 11:00-12:20 JURENKA R
 F 2:10-5:00 JURENKA R
 MEETS: JAN 8-MAY 4

MEDICAL ENTOMOLOGY ENT 574 4 CREDITS
 Prereq: 9 CREDITS IN BIOLOGICAL SCIENCES
 3455005 A TR 11:00-12:15 SMITH R
 W 9:00-11:50 SMITH R
 MEETS: JAN 8-MAY 4

PLT PROTEC NAT ENEM ENT 575 3 CREDITS
 Prereq: ENT 370 OR ENT 376
 3456005 A TR 9:30-10:50 HARRIS M
 MEETS: JAN 8-MAY 4

SP TOP BIOL CONTROL ENT 590A 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP CHEM ECOLOGY ENT 590B 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECO&PEST MGT ENT 590C 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EVOL&SYSTMAT ENT 590D 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH TOPCS ENT 590E 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEDICAL&VET ENT 590F 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC MOLECULAR ENT 590G 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHYSL&BIOCH ENT 590H 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TOXICOLOGY ENT 590I 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCHNG EXPER ENT 590K 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EXTENS INTRN ENT 590L 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP IMMATUR INS ENT 590M 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POPUL GENET ENT 590N 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENT 600 1 CREDIT
 5345005 A M 4:10-5:00 COURTNEY G
 MEETS: JAN 8-MAY 4

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

ENTREPRENEURSHIP

TRENDS&THEOR ENTREP ENTSP 485 3 CREDITS
 Prereq: MGMT 310; MGMT 313 OR MGMT 320
 Note: COURSE RESTRICTED TO BUSINESS COLLEGE
 UNDERGRADUATE STUDENTS OTHER THAN P BUS
 7260005 A TR 12:40-1:55
 MEETS: JAN 8-MAY 4

ENVIRONMENTAL SCIENCE

EXPLOR ENVIRONM SCI ENSCI 203 1 CREDIT
 Prereq: ENSCI 202
 Note: COURSE RESTRICTED TO ENSCA & ENSCS MAJORS ONLY
 Satisfactory-Fail Only.
 9529005 R 12:40-2:00 CARROLL H
 MEETS: JAN 8-MAY 4

BIOL PROC IN ENVIRN ENSCI 251 3 CREDITS
 9536005 1A TR 12:40-1:55 WILSEY B
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY

9536010 1B TR 12:40-1:55 WILSEY B
 MEETS: JAN 8-MAY 4

9536015 1C TR 12:40-1:55 WILSEY B
 MEETS: JAN 8-MAY 4
 Note: SEC 1C RESTRICTED TO A E, BSE MAJORS ONLY

ENERGY &THE ENVIRON ENSCI 324 3 CREDITS
 4865005 1 MWF 11:00-11:50 WOOD A
 MEETS: JAN 8-MAY 4

4865600 XW ARRANGED WOOD A
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

ENVIRN SOIL SCIENCE ENSCI 360 3 CREDITS
 Prereq: AGRON 154 OR ENSCI 250 OR GEOL 201
 1924005 1 MW 9:00-9:50
 M 1:10-3:00
 MEETS: JAN 8-MAY 4

1924010 2 MW 9:00-9:50
 W 12:10-2:00
 MEETS: JAN 8-MAY 4

1924015 3 MW 9:00-9:50
 W 2:10-4:00
 MEETS: JAN 8-MAY 4

1924020 4 MW 9:00-9:50
 M 3:10-5:00
 MEETS: JAN 8-MAY 4

ECO&ENVIRON SCI GIS ENSCI 370 1- 6 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL
 SCIENCES; PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 4002005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

ANALYS ENVIRON SYST ENSCI 382 3 CREDITS
 Prereq: ENSCI 381
 Note: SECTIONS 1A,2A,ETC. RESTRICTED TO ENSCA, ENSCS
 MAJORS ONLY. SECTIONS 1B,2B,ETC. RESTRICTED TO MAJORS
 OTHER THAN ENSCA, ENSCS.

4810005 1A ARRANGED CRUMPTON W
 TR 12:10-2:00 CRUMPTON W
 MEETS: JAN 8-MAY 4

4810010 1B ARRANGED CRUMPTON W
 TR 12:10-2:00 CRUMPTON W
 MEETS: JAN 8-MAY 4

4810015 2A ARRANGED, TR 2:10-4:00 CRUMPTON W
 MEETS: JAN 8-MAY 4

4810020 2B ARRANGED, TR 2:10-4:00 CRUMPTON W
 MEETS: JAN 8-MAY 4

4810025 3A ARRANGED CRUMPTON W
 TR 4:10-6:00PM CRUMPTON W
 MEETS: JAN 8-MAY 4

4810030 3B ARRANGED CRUMPTON W
 TR 4:10-6:00PM CRUMPTON W
 MEETS: JAN 8-MAY 4

INTRO TO ECOSYSTEMS ENSCI 384 3 CREDITS
 Prereq: 12 CREDITS OF NATURAL SCIENCE
 INCLUDING BIOLOGY AND CHEMISTRY

7124005 1A TR 9:30-10:50 CASTELLANO M
 MEETS: JAN 8-MAY 4

Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY

7124010 1B TR 9:30-10:50 CASTELLANO M
 MEETS: JAN 8-MAY 4

INTERNSHIP ENVI SCI ENSCI 390 VAR. CREDITS
 Prereq: APPROVAL OF THE ENVIR SCIENCE COORDINATOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPRENTICESHIP ENSCI 391 VAR. CREDITS
 Prereq: APPROVAL OF THE ENVIR SCIENCE COORDINATOR
 Note: Permission of coordinator required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENSCI 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING, JUNIOR STANDING

3386005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR ENSCA,
 ENSCS AND GE AT MAJORS ONLY
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

ENVIRONMENTAL SCIENCE (CONTINUED)

ENVIRONMENTAL SCIENCE (CONTINUED)

WORLD CLIMATES ENSCI 406 3 CREDITS
 Prereq: AGRON 206/MTEOR 206
 Note: Meets international perspectives reqmt
 2824005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

WATERSHED MANAGMNT 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 8-MAY 4
 2830010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 8-MAY 4

APP GRNDWTR FLW MOD ENSCI 414 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 3068005 1 MW 1:10-2:00 SIMPKINS W
 W 2:10-4:00 SIMPKINS W
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$50.00

AQUEOS&ENVIR GEOCHM ENSCI 419 3 CREDITS
 Prereq: ENSCI 402 OR ENSCI 411 OR EQUIVALENT
 5015005 TR 11:00-11:50 SWANNER E
 F 1:10-3:00 SWANNER E
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$50.00

STABLE ISOTOPES ENV ENSCI 426 3 CREDITS
 Prereq: 4 COURSES IN BIOLOGICAL OR PHYSICAL SCI
 6844005 TR 9:30-10:50 WANAMAKER A
 MEETS: JAN 8-MAY 4

GIS FOR GEOSCIENTST ENSCI 452 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3093005 MW 4:10-5:00 ZHOU Y
 F 4:10-5:00 ZHOU Y
 MW 5:10-6:00PM
 MEETS: JAN 8-MAY 4

SOIL FORMATN&LANDSC ENSCI 463 3 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
 T 2:10-5:00, ARRANGED
 MEETS: JAN 8-MAY 4

ECOSYSTEM ECOLOGY ENSCI 484 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOL AND CHEM
 8720005 A MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 8720010 B MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY ENSCI 490 VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, APPROVAL OF
 ENVIRONMENTAL SCIENCE COORDINATOR

 SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY ENSCI 490H VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, APPROVAL OF
 ENVIRONMENTAL SCIENCE COORDINATOR

 SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN ENSCI 498 R CREDIT
 Prereq: PERMISSION OF ENSCI COORDINATOR
 6276005 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

WATERSHED MANAGMNT 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 8-MAY 4
 3868010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 8-MAY 4

APP GRNDWTR FLW MOD ENSCI 514 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 3120005 1 MW 1:10-2:00 SIMPKINS W
 W 2:10-4:00 SIMPKINS W
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$50.00

ENVIRONMNTL GEOCHEM ENSCI 519 3 CREDITS
 Prereq: GEOL 511 OR EQUIVALENT
 3149005 TR 11:00-11:50 SWANNER E
 F 1:10-3:00 SWANNER E
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$50.00

WTR POLL CNTRL PROC ENSCI 522 3 CREDITS
 Prereq: C E 521
 4517005 1 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

PHY-CHEM TREAT PROC ENSCI 523 3 CREDITS
 Prereq: C E 520
 4530005 TR 4:10-5:30
 MEETS: JAN 8-MAY 4

STABLE ISOTOP&ENVIR ENSCI 526 3 CREDITS
 Prereq: 4 COURSES IN PHYSICAL OR BIOL SCIENCE
 3178005 TR 9:30-10:50 WANAMAKER A
 MEETS: JAN 8-MAY 4

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 8-MAY 4

GIS FOR GEOSCIENTST ENSCI 552 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3217005 MW 4:10-5:00 ZHOU Y
 F 4:10-5:00 ZHOU Y
 MW 5:10-6:00PM
 MEETS: JAN 8-MAY 4

SOIL-PLANT RELATION ENSCI 553 3 CREDITS
 Prereq: AGRON 354
 6258005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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
 T 2:10-5:00, ARRANGED
 MEETS: JAN 8-MAY 4

WETLAND ECOLOGY ENSCI 564 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 1238005 TR 8:00-9:15 VAN DER VALK A
 MEETS: JAN 8-MAY 4

SURFC WTR HYDROLOGY ENSCI 571 3 CREDITS
 Prereq: C E 372
 4567005 1 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4

SOIL PHYSICS ENSCI 577 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 AND MATH 166
 7360005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

LAB MTHD SOIL PHYS ENSCI 578 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN ENSCI 577
 7362005 M 1:10-4:00
 MEETS: JAN 8-MAY 4

ADV ECOSYSTEM ECOL ENSCI 584 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOLOGY AND CHEM
 5036005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

SPECIAL TOPICS ENSCI 590 VAR. CREDITS
 Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL
 SCIENCE FACULTY

 SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENVIRON SCI ENSCI 698 1 CREDIT
 3117005 M 4:10-5:00
 MEETS: JAN 8-MAY 4

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
 2018
 3418005 A MWF 10:00-10:50 CAISSIE B
 MEETS: JAN 8-MAY 4
 3418600 XW ARRANGED ANKERSTJERNE S
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

ENVIRONMENTAL STUDIES (CONTINUED)

ENVIRONMENTAL STUDIES (CONTINUED)

GEOLOGICAL DISASTERS ENV S 111 1 CREDIT
 9170005 TR 9:30-10:20 ANKERSTJERNE S
 MEETS: MARCH 5-MAY 4

INTR RENEW RESOURCS ENV S 120 3 CREDITS
 5141005 MWF 12:10-1:00 RENTZ M
 MEETS: JAN 8-MAY 4

NAT RESOURCES &AGRI ENV S 130 3 CREDITS
 2836005 MWF 9:00-9:50 ISENHART T
 MEETS: JAN 8-MAY 4

WORLD WATER RESOURC ENV S 160 3 CREDITS
 Note: Meets international perspectives reqmt
 6343005 MWF 9:00-9:50 FRANZ K
 MEETS: JAN 8-MAY 4

ENVIRONMENTL BIOLOGY ENV S 173 3 CREDITS
 2022600 XW ARRANGED PLEASANTS J
 MEETS: JAN 8-MAY 4
 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 5-MAY 4

GLOBAL SUSTAINABLTY ENV S 220 3 CREDITS
 Note: Meets international perspectives reqmt
 3862005 1 MWF 11:00-11:50 HALLAM A
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 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 WOOD A
 MEETS: JAN 8-MAY 4
 7863600 XW ARRANGED WOOD A
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

WORLD FOOD ISSUES ENV S 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1733005 1 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 1733010 2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 1733015 3 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 1733020 4 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 1733025 5 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

POPULATION &SOCIETY ENV S 345 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 Note: Meets international perspectives reqmt
 3462005 A TR 2:10-3:30 MAZUR R
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5510010 A2 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

ENERGY&ENVIRON ECON ENV S 380 3 CREDITS
 Prereq: ECON 101
 7578005 1 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

ENVIRONMENTL SOCIOL ENV S 382 3 CREDITS
 Prereq: SOC 130, SOC 134, OR 3 CREDITS OF ENV S
 Note: SEC A1,B1 RESTRICTED TO AG SO, SOC, P S A MAJORS
 SEC A2,B2 FOR MAJORS OTHER THAN AG SO, SOC, P S A
 7579005 A1 MWF 9:00-9:50 BALAYAR R
 MEETS: JAN 8-MAY 4
 7579010 A2 MWF 9:00-9:50 BALAYAR R
 MEETS: JAN 8-MAY 4

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS
 Prereq: APPROVAL OF THE ENV S COORDINATOR
 Note: COURSE OFFERED FOR 1-4 CREDITS SPRING 2018.
 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 8-MAY 4
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

WATERSHED MANAGMENT ENV S 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 5143005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 8-MAY 4
 5143010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 8-MAY 4

CONTRV NAT RSRC MGT ENV S 460 3 CREDITS
 Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND
 JUNIOR CLASSIFICATION
 2880005 1 TR 11:00-12:20 MOORE P
 MEETS: JAN 8-MAY 4
 2880010 2 MW 11:00-12:20 STOKKE D
 MEETS: JAN 8-MAY 4

SUSTAINABLE COMMUNT ENV S 484 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7275005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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 2018.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN ENV S 491 3 CREDITS
 Prereq: 6 CREDITS IN NATURAL SCIENCES
 3478005 W 5:10-8:00PM
 MEETS: JAN 8-MAY 4

EVENT MANAGEMENT

DIGTL PRODCTN EVENT EVENT 212X 2 CREDITS
 Prereq: EVENT MANAGEMENT MAJOR
 Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
 9935005 1 T 8:00-8:50
 T 9:00-10:50
 MEETS: JAN 8-MAY 4
 9935010 2 T 8:00-8:50
 R 9:00-10:50
 MEETS: JAN 8-MAY 4

INTRO EVENT MANAGMT EVENT 271 3 CREDITS
 6726005 1A TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 6726010 1B TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 6726015 1C TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1C FOR MAJORS OTHER THAN A M D, AMDP, EVENT,
 HRI, HSP M

INTRO DIGITAL PROMO EVENT 277X 3 CREDITS
 Prereq: EVENT 271
 9643005 1A TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY
 9643010 1B TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1B RESTRICTED TO HSP M, A M D MAJORS
 ONLY

CONTPRARY CLUB MGT EVENT 289 3 CREDITS
 Prereq: HSP M 101
 1429005 1A MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO HRI, HSP M MAJORS ONLY
 1429010 1B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M
 MAJORS ONLY
 2041010 1B MW 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI,
 HSP M.

EVENT MANAGEMENT (CONTINUED)

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 8-MAY 4

EVENT SALES EVENT 367X 3 CREDITS
 Prereq: EVENT 271, AESHM 340
 Note: COURSE RESTRICTED TO EVENT MAJOR ONLY
 9974005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

CONFRCN&MTG PLANNNG EVENT 371 3 CREDITS
 Prereq: EVENT 271 AND JUNIOR STANDING
 1350005 1A TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY
 1350010 1B TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO A M D, AMDP, HRI, HSP M, MAJORS ONLY
 1350015 1C TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

SPECIAL EVENTS COORD EVENT 471 3 CREDITS
 Prereq: EVENT 371; JUNIOR STANDING; PERMISSION OF INSTRUCTOR
 6904005 1A MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY.
 6904010 1B MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: Department permission required.

EVENT MGT PRODUCTN EVENT 485X 3 CREDITS
 Prereq: EVENT 471; CLASSIFICATION AS AN EVENT MANAGEMENT MAJOR; APPLICATION AND INSTRUCTOR PERMISSN
 Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
 9973005 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

INDEP STDY CONFERNC EVENT 490B VAR. CREDITS
 Prereq: APPROVAL OF PROGRAM COORDINATOR
 Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FAMILY&CONSUMER SCIENCES ED&STUDIES

PLAN&ASESMT FMLY ED FCEDS 413 4 CREDITS
 Prereq: FCEDS 306
 3985005 TR 1:10-4:50 ANDERSON T
 MEETS: JAN 8-MAY 4

SUPR TCHG VOC FAMILY 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 ANDERSON T
 MEETS: JAN 8-MAY 4

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 ANDERSON T
 MEETS: JAN 8-MAY 4

PRE-TCHG PRCTCM:LAB FCEDS 480A 1 CREDIT
 Prereq: ADMISSION TO TEACHER EDUCATION
 Note: RESTRICTED TO STUDENTS WITH ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 9460005 ARRANGED ANDERSON T
 MEETS: JAN 8-MAY 4

PRE-TCHG PRA:DV SET FCEDS 480B 1 CREDIT
 Note: RESTRICTED TO STUDENTS WITH ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 9484005 A ARRANGED ANDERSON T
 MEETS: JAN 8-MAY 4

FAMILY&CONSUMER SCIENCES ED&STUDIES (CONTINUED)

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 ANDERSON T
 MEETS: JAN 8-MAY 4

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 ANDERSON T
 MEETS: JAN 8-MAY 4

PROG DEVEL &ASSESMT FCEDS 507 3 CREDITS
 Prereq: PROFESSIONAL EXPERIENCE IN FCS OR RELATED AREA
 4012005 TR 1:10-4:50 ANDERSON T
 MEETS: JAN 8-MAY 4

FINANCE

PRINCIPL OF FINANCE FIN 301 3 CREDITS
 Prereq: ACCT 284, ECON 101, STAT 226
 Note: SEC A,B,C,D,E,F,J,K,L,M RESTRICTED TO BUSINESS COLLEGE AG B, AN S & DY S UNDERGRAD MAJORS. SEC G FOR ALL OTHER COLLEGES OTHER THAN BUS & AG B, AN S, & DY S ALSO NOT OPEN TO P BUS MAJORS.
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

3689005 A MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 3689010 B MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 3689015 C MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 3689020 D MW 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 3689025 E TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 3689030 F TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 3689035 G TR 12:40-1:55
 MEETS: JAN 8-MAY 4

Note: SEC G FOR ALL OTHER COLLEGES OTHER THAN BUS & AG B, AN S & DY S ALSO NOT OPEN TO P BUS MAJORS
 3689040 J TR 12:40-1:55
 MEETS: JAN 8-MAY 4
 3689045 K TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 3689050 L TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 3689055 M MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 3691010 A2 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 3691015 B1 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4
 3691020 B2 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4
 3691025 C1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 3691030 C2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 3691035 D1 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 3691040 D2 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

INVESTMENTS FIN 320 3 CREDITS
 Prereq: FIN 301
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY. SEC A2,B2,ETC FOR ACCT, BUS S, BUS U, I BUS, BUSEC, ENTSP, MGMT, MIS, MKT, SCM MAJORS ONLY.

3692005 A1 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 3692010 A2 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 3692015 B1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 3692020 B2 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 3692025 C1 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 3692030 C2 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 3692035 D1 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 3692040 D2 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4

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 MWF 11:00-11:50PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 6829010 A2 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 6829015 B1 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 6829020 B2 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 3693010 A2 TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 Note: SEC A2 IS RESTRICTED TO F C P MAJORS ONLY.

REAL ESTATE PRINCIP FIN 371 3 CREDITS
 Prereq: ECON 101
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY.
 SEC A2,B2,ETC RESTRICTED TO BUS MAJORS EXCEPT FIN,
 P BUS.
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM
 1200 GERDIN.
 3690005 A1 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 3690010 A2 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 3690015 B1 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 3690020 B2 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY.
 3698010 A2 T 6:40-9:25PM
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 3697010 A2 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS
 3697015 B1 TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 Note: SEC B1 RESTRICTED TO FIN MAJORS ONLY
 3697020 B2 TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEE 2330 GERDIN - FINANCE DEPT FOR AN APPLICATION
 Instructor permission required.

ADV FIXD INCM ANALY FIN 428 3 CREDITS
 Prereq: FIN 327, FIN 320, STAT 326
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 7492005 A1 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 7492010 A2 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4
 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 3:40-4:55
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 3696010 A2 T 6:40-9:25PM
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR BUSINESS MAJORS OTHER THAN
 FIN OR P BUS

ANALYTICAL FINANCE FIN 450X 3 CREDITS
 Prereq: STAT 326 AND ECON 301 OR FIN 301
 Note: COURSE RESTRICTED TO BUSINESS COLLEGE MAJORS
 EXCEPT GRADUATE STUDENTS
 4521005 A MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 9268010 A2 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR BUSINESS MAJORS OTHER THAN FIN,
 P BUS

REAL ESTATE FINANCE FIN 472 3 CREDITS
 Prereq: FIN 301 AND STAT 326
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 4555005 A1 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY.
 4555010 A2 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

REAL ESTATE INVESTM FIN 474 3 CREDITS
 Prereq: FIN 301, FIN 371
 9641005 A MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

INTRNATIONL FINANCE FIN 480 3 CREDITS
 Prereq: FIN 310 OR FIN 320 OR FIN 330
 Note: COURSE RESTRICTED BUSINESS COLLEGE UNDERGRADS
 NOT OPEN TO P BUS OR GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN
 5131005 A MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 Note: College permission required to add during
 1st week. Go to 1200 Gerdin.

INTERNSHIP INVESTMT FIN 499D 1- 3 CREDITS
 Prereq: FIN 320, STAT 326, GPA 2.5, PERMISSION OF
 INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 6516005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: College permission required to add during
 1st week. Go to 1200 Gerdin.

FINANCE

(CONTINUED)

INTERNSHP:CORPORATE FIN 499E 1- 3 CREDITS
 Prereq: FIN 310, STAT 326, GPA 2.5, PERMISSION OF
 INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 2736005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: College permission required - go to
 1200 Gerdin.

FIN VALU&CORP DECIS FIN 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 9124005 A MW 7:30-10:50 BROWN J
 MEETS: JAN 8-FEB 14
 Note: SEC A RESTRICTED TO BUSAD GRADS ONLY

CASE STU FIN DECISN FIN 515 3 CREDITS
 Prereq: FIN 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7163005 A M 6:40-10:00PM STOVER R
 MEETS: JAN 8-APRIL 2

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 8-MAY 4

ADV FIXD INCM ANALY FIN 528 3 CREDITS
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 3952005 A MWF 3:10-4:00 HOOD F
 MEETS: JAN 8-MAY 4

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 SAPP T
 MEETS: JAN 13-APRIL 7

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

 SEE DEPT FOR REFERENCE NUMBERS

FOOD SCIENCE & HUMAN NUTRITION

FOOD & 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 8-MAY 4

SPORT PRFRMC NUTRIT FS HN 102 1 CREDIT
 1873005 1 TR 11:00-11:50 CLARK P
 MEETS: MARCH 5-MAY 4

INTRO CULINRY SKLLS FS HN 104 1 CREDIT
 Note: COURSE RESTRICTED TO CUSFA, CUSFH MAJORS ONLY
 8416005 1 ARRANGED BEIRMAN E
 MEETS: JAN 8-MAY 4

PROFESSNL&EDUC PREP FS HN 110 1 CREDIT
 Satisfactory-Fail Only.
 3661005 1 TR 2:10-3:00 DEATON M
 MEETS: JAN 8-MARCH 2
 3661010 2 TR 2:10-3:00 KARGOL A
 MEETS: JAN 8-MARCH 2

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 8-MAY 4

FOOD PREPARATN LAB FS HN 115 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 111 OR
 FS HN 214
 Note: COURSE RESTRICTED TO CUSFA, CUSFH, DIETA, DIETH,
 EVENT, FCEDS, FS A, FS H, HRI, HSP M, PDEXA, PDEXH
 NS A, NS H, P DTH, P DTA MAJORS ONLY
 2922005 1 M 2:10-5:00 GILBERT K
 MEETS: JAN 8-MAY 4
 2922010 2 W 2:10-5:00 SVENDSEN L
 MEETS: JAN 8-MAY 4
 2922015 3 T 9:00-11:50 BEIRMAN E
 MEETS: JAN 8-MAY 4
 2922020 4 R 9:00-11:50 BEIRMAN E
 MEETS: JAN 8-MAY 4
 2922025 5 F 1:10-4:00 GILBERT K
 MEETS: JAN 8-MAY 4
 2922030 6 T 1:10-4:00
 MEETS: JAN 8-MAY 4

FOOD SCIENCE & HUMAN NUTRITION

(CONTINUED)

INTRO HUMAN NUTRITN FS HN 167 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
 3600005 1 MWF 8:00-8:50 KRUEGER T
 MEETS: JAN 8-MAY 4
 3600600 XW ARRANGED KRUEGER T
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WW

ISSU FOOD SCI&NUTRI FS HN 203 1 CREDIT
 8685005 1 W 12:10-1:00 HOLLIS J
 MEETS: JAN 8-MAY 4
 8685010 2 R 8:00-8:50 FORD C
 MEETS: JAN 8-MAY 4
 8685015 3 F 12:10-1:00 WILSON L
 MEETS: JAN 8-MAY 4
 8685020 4 F 3:10-4:00 WHITE W
 MEETS: JAN 8-MAY 4

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 8-MAY 4

ADV FOOD PREPAR LAB FS HN 215 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN FS HN 214
 Note: COURSE RESTRICTED TO CUSFA, CUSFH, 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 8-MAY 4

THE U.S. FOOD SYSTM FS HN 242 3 CREDITS
 2950005 TR 11:00-12:20 MACDONALD R
 MEETS: JAN 8-MAY 4

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 8-MAY 4

UNDERSTAND WINE SCI FS HN 276 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY
 9977005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

FOUNDN 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 8-MAY 4

WORLD FOOD ISSUES FS HN 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1923005 1 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 1923010 2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 1923015 3 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 1923020 4 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 1923025 5 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 LANNINGHAM-FOSTE
 R 1:10-4:00 MARTIN R
 MEETS: JAN 8-MAY 4
 3608010 2 M 3:10-4:00 LANNINGHAM-FOSTE
 R 9:30-12:20 MARTIN R
 MEETS: JAN 8-MAY 4
 3608015 3 M 3:10-4:00 LANNINGHAM-FOSTE
 W 11:00-1:50 MARTIN R
 MEETS: JAN 8-MAY 4

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 8-MAY 4

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

OBEISITY &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 8-MAY 4

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 8-MAY 4

MED TERMNOL FOR PRO FS HN 367 1 CREDIT
 9487005 1 ARRANGED KRUEGER T
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW
 9487600 XW ARRANGED KRUEGER T
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

FOOD LAWS®ULATNS FS HN 403 2 CREDITS
 Prereq: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT
 200 LEVEL OR ABOVE
 3679005 1 MW 11:00-11:50 BREHM-STECHER B
 MEETS: JAN 8-MAY 4

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 TALBERT J
 W 10:00-12:50 TALBERT J
 MEETS: JAN 8-MAY 4
 3667010 2 MF 1:10-2:00 TALBERT J
 W 1:10-4:00 TALBERT J
 MEETS: JAN 8-MAY 4
 3667015 3 MF 1:10-2:00 TALBERT J
 W 1:10-4:00 TALBERT J
 MEETS: JAN 8-MAY 4

SAFTY FOOD FROM ANI FS HN 407 3 CREDITS
 Prereq: MICRO 420
 1882005 1 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

DAIRY PRODUCTS EVAL FS HN 408 1 CREDIT
 9517005 ARRANGED CLARK S
 MEETS: JAN 8-MAY 4

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 BOYLSTON T
 F 9:00-11:50 BOYLSTON T
 MEETS: JAN 8-MAY 4
 3613010 2 M 8:00-8:50 BOYLSTON T
 F 2:10-5:00 BOYLSTON T
 MEETS: JAN 8-MAY 4
 3613015 3 M 8:00-8:50 BOYLSTON T
 M 2:10-5:00 BOYLSTON T
 MEETS: JAN 8-MAY 4

FOOD PRODUCT DEVELP FS HN 412 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411
 3618005 1 T 1:10-2:00 PRUSA K
 TR 2:10-5:00 GILBERT K
 MEETS: JAN 8-MAY 4
 3618010 2 T 1:10-2:00 PRUSA K
 TR 2:10-5:00 GILBERT K
 MEETS: JAN 8-MAY 4

FOODBORNE HAZARDS FS HN 419 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302, A COURSE IN
 BIOCHEMISTRY
 Note: CREDIT FOR EITHER FS HN/TOX/MICRO 419 OR
 FS HN/NUTRS/TOX 519, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 8419005 1 MWF 11:00-11:50 MENDONCA A
 MEETS: JAN 8-MAY 4

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 COLEMAN S
 F 2:10-4:00 COLEMAN S
 MEETS: JAN 8-MAY 4

ANALYSIS FOOD MRKTS FS HN 435X 3 CREDITS
 Prereq: STAT 226, ECON 235, ECON 301
 9817005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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 2018.
 4599005 1 TR 9:30-10:50 CAMPBELL C
 MEETS: JAN 8-MAY 4

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

NUTR COUNS&ED METHD FS HN 466 3 CREDITS
 Prereq: FS HN 361 AND FS HN 362
 3616005 1 MW 9:00-10:50 CLARK P
 MEETS: JAN 8-MAY 4

MOLEC NU&DISEAS PRV FS HN 467 3 CREDITS
 Prereq: FS HN 360 OR EQUIVALENT
 3014005 1 MWF 1:10-2:00 SCHALINSKE K
 MEETS: JAN 8-MAY 4

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 WEN Z
 F 9:00-11:50 WEN Z
 F 9:00-9:50 WEN Z
 MEETS: JAN 8-MAY 4
 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 WEN Z
 F 9:00-11:50 WEN Z
 F 9:00-9:50 WEN Z
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 3611010 2 F 12:10-1:00 LAMSAL B
 MEETS: JAN 8-MAY 4
 3611015 3 R 11:00-11:50 SCHALINSKE K
 MEETS: JAN 8-MAY 4

PACKAGING FUNDAMTLS FS HN 482X 3 CREDITS
 Prereq: STAT 101 OR STAT 104 OR STAT 105
 9614005 1 T 9:00-10:50 VORST K
 R 9:00-11:50 VORST K
 MEETS: JAN 8-MAY 4

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 8-MARCH 2

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 W 3:10-4:00 LITCHFIELD R
 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC FR - PRE-DEPARTURE FOR SUMMER 2018 - STUDY ABROAD TO FRANCE, PARIS - OFFERED FOR 1 CREDIT

COOPERATV EDUCATION FS HN 498 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT CHAIR
 Satisfactory-Fail Only.
 8323005 1 ARRANGED
 MEETS: JAN 8-MAY 4

UNDERGRAD RESEARCH FS HN 499 1- 6 CREDITS
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK
 Note: NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOOD QUAL ASSURANCE FS HN 505 3 CREDITS
 Prereq: FS HN 214 OR FS HN 311; STAT 101 OR STAT 104
 3337005 1 MF 1:10-2:00
 W 10:00-12:50
 MEETS: JAN 8-MAY 4
 3337010 2 MF 1:10-2:00
 W 1:10-4:00
 MEETS: JAN 8-MAY 4
 3337015 3 MF 1:10-2:00
 W 1:10-4:00
 MEETS: JAN 8-MAY 4

SAFTY FOOD FROM ANI FS HN 507 3 CREDITS
 Prereq: MICRO 420
 2196005 1 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

SENSORY EVALUA WINE FS HN 509X 2 CREDITS
 Prereq: MUST BE AT LEAST 21 YEARS OF AGE; SENIOR CLASSIFICATION OR GRAD STATUS
 7588005 1 M 2:10-5:00 NORTON E
 Note: Materials fee \$125.00

FOOD PRODUCT DEVELP FS HN 512 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411
 5580005 1 T 1:10-2:00 PRUSA K
 TR 2:10-5:00 GILBERT K
 MEETS: JAN 8-MAY 4
 5580010 2 T 1:10-2:00 PRUSA K
 TR 2:10-5:00 GILBERT K
 MEETS: JAN 8-MAY 4

ADV MICROBIO&BIOTCH FS HN 522 2 CREDITS
 2313005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW

INTR PROTEIN TECHNQ FS HN 542B 1 CREDIT
 Satisfactory-Fail Only.
 7100005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: JAN 8-MAY 4

INTRO CELL TECHNIQS FS HN 542C 1 CREDIT
 Satisfactory-Fail Only.
 7130005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 8-MAY 4

SEMINAR FS HN 581 1 CREDIT
 7974005 T 11:00-11:50 CLARK S
 MEETS: JAN 8-MAY 4

PACKAGING FUNDAMTLS FS HN 582X 3 CREDITS
 Prereq: STAT 101 OR STAT 104 OR STAT 105
 9604005 1 T 9:00-10:50 VORST K
 R 9:00-11:50 VORST K
 MEETS: JAN 8-MAY 4

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

NUTR ASPTS ONCOLGY FS HN 597 3 CREDITS
 Prereq: B.S. IN NUTRITION, DIETETICS, BIOLOGY, OR RELATED DISCIPLINE
 1198005 1 ARRANGED MACDONALD R
 MEETS: JAN 8-MAY 4

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

ADV FOOD CHEMISTRY FS HN 612 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411 OR FS HN 511 OR BBMB 404 OR EQUIVALENT
 3682005 1 MW 2:10-3:30 WANG T
 MEETS: JAN 8-MAY 4

SEMINAR FS HN 681 1 CREDIT
 3648005 1 W 4:10-5:00 HOLLIS J
 MEETS: JAN 8-MAY 4

SEMINAR REFLECTION FS HN 682 R CREDIT
 Satisfactory-Fail Only.
 9178005 1 W 4:10-5:00 WILSON L
 MEETS: JAN 8-MAY 4

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 8-MAY 4

PESTICIDE APPL CERT FOR 283 2 CREDITS
 5219005 A MW 2:10-3:00
 MEETS: JAN 8-MAY 4

SPL PROB LEADERSHIP FOR 290A 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB ECOSYS MGT FOR 290B 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PRB RESRC CNSRV FOR 290C 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB URB&COMMUN FOR 290D 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB WOOD SCIEN FOR 290E 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SILVICULTURE FOR 302 3 CREDITS
 Prereq: FOR 201
 Note: SOME WEDNESDAY LABS MAY BE MOVED TO SATURDAY, WEATHER PERMITTING.
 3718005 A MF 12:10-1:00 SCHULTZ R
 W 2:10-6:00PM SCHULTZ R
 MEETS: JAN 8-MAY 4

FORESTRY

(CONTINUED)

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 8-MAY 4

ECOSYSTEM MANAGEMNT FOR 452 3 CREDITS
 Prereq: SENIOR CLASSIFICATION, NREM 120 OR EQUIVALENT
 Note: COURSE RESTRICTED TO SENIORS ONLY
 3732005 MW 1:10-2:00 SCHULTE-MOORE L
 F 11:00-2:00 SCHULTE-MOORE L
 MEETS: JAN 8-MAY 4

FORESTRY PRACTICUM FOR 454 3 CREDITS
 Prereq: 20 CREDITS IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE
 Note: Instructor permission required 1st week.
 3734005 A F 9:00-9:50 SCHULTZ R
 MW 8:00-9:50 SCHULTZ R
 MEETS: JAN 8-MAY 4

ECOSYSTEM MANAGEMNT FOR 552 3 CREDITS
 Prereq: SENIOR CLASSIFICATION AND NREM 120 OR EQUIVALENT
 Note: COURSE RESTRICTED TO GRADS ONLY
 1349005 MW 1:10-2:00 SCHULTE-MOORE L
 F 11:00-2:00 SCHULTE-MOORE L
 MEETS: JAN 8-MAY 4

CR COMP FOR BIOLOGY FOR 599A 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOMETRY FOR 599B 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FO&REC ECON FOR 599C 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 8-MAY 4

FOREST BIOLGY RSRCH FOR 699A 1-12 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RSRCH FOR 699B 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOR MGT&ADMIN RSRCH FOR 699D 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RSRCH FOR 699E 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH PLANT PHYSIOL FOR 699F 1-12 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH

(CONTINUED)

READ &WRITNG FRENCH FRNCH 302 3 CREDITS
 Prereq: FRNCH 301
 Note: Meets international perspectives reqmt
 6543005 1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

FRANCE TODAY FRNCH 320 3 CREDITS
 Prereq: FRNCH 202
 Note: Meets international perspectives reqmt
 2907005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

STDI FRN/FRANCO LIT FRNCH 340 3 CREDITS
 Prereq: FRNCH 302 OR CONCURRENT ENROLLMENT IN FRNCH 302
 Note: Meets international perspectives reqmt
 2762005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY FRNCH 490 1- 6 CREDITS
 Prereq: PERMISSION OF FRENCH STAFF AND DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN FRNCH 490 MAY BE APPLIED TOWARD GRADUATION
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH INTERNSHIP FRNCH 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF FRENCH AT THE 300 LEVEL;
 PERMISSION OF ADVISOR AND WLC INTERNSHIP COORD. WORK EXPERIENCE USING FRNCH LANG SKILLS IN PUBLIC/PRIVATE SECTOR, COMBINED W/ ACAD WK UNDER FACULTY SUPERVISN
 Note: CREDIT IN FRNCH 499 MAY ONLY APPLY TOWARD GRADUATION IN THE LCP MAJOR. NO MORE THAN 3 CREDITS IN FRNCH 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR.
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FRNC CIVILZ FRNCH 590D 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSN; 6 CR 400-LEVEL FRNCH
 Note: Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GENETICS

GENETICS ORIENTATN GEN 112 .5 CREDIT
 Note: CREDIT IN ONLY ONE OF GEN 110 OR GEN 112 OR GEN 112X MAY BE APPLIED TOWARD GRADUATION
 9730005 A R 2:10-3:00
 MEETS: JAN 8-MARCH 2

COOPERATIVE EDUCATN GEN 298 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4225005 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 9560010 2 MW 10:30-11:50
 MEETS: JAN 8-MAY 4
 9560015 3 MW 10:30-11:50
 MEETS: JAN 8-MAY 4
 9560020 4 MW 1:10-2:30
 MEETS: JAN 8-MAY 4
 9560025 5 MW 1:10-2:30
 MEETS: JAN 8-MAY 4
 9560030 6 MW 3:10-4:30
 MEETS: JAN 8-MAY 4
 9560035 7 TR 9:00-10:20
 MEETS: JAN 8-MAY 4
 9560040 8 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 9560045 9 TR 1:10-2:30
 MEETS: JAN 8-MAY 4
 9560050 10 TR 3:10-4:30
 MEETS: JAN 8-MAY 4
 9560055 11 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 9560060 12 TR 1:10-2:30
 MEETS: JAN 8-MAY 4

FRENCH

ELEMENTARY FRENCH II FRNCH 102 4 CREDITS
 Prereq: FRNCH 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL FRENCH MAY NOT ENROLL IN 102.
 Meets international perspectives reqmt
 3804005 1 MTWR 9:00-9:50
 MEETS: JAN 8-MAY 4
 3804010 2 MTWR 10:00-10:50
 MEETS: JAN 8-MAY 4
 3804015 3 MTWR 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 3: HYBRID

INTERMED FRENCH II FRNCH 202 4 CREDITS
 Prereq: FRNCH 201
 Note: Meets international perspectives reqmt
 3809005 1 MTWR 1:10-2:00
 MEETS: JAN 8-MAY 4
 3809010 2 MTWR 2:10-3:00
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

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 8-MAY 4

MOLECULAR GENETICS GEN 409 3 CREDITS
 Prereq: BIOL 313
 3832005 A MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

ANALYTICAL GENETICS GEN 410 3 CREDITS
 Prereq: GEN 409
 3833005 A MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO AGRON, GEN, GEN S MAJORS ONLY
 3833010 B MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR MAJORS OTHER THAN AGRON, GEN

INDEPENDENT STUDY GEN 490 1- 5 CREDITS
 Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

UG SEMNR PRO PRACTC GEN 491 1 CREDIT
 Prereq: BIOL 313 OR GEN 313; CREDIT OR ENROLLMENT IN GEN 409 OR GEN 410; JUNIOR CLASSIFICATN
 3837005 A W 3:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

SPECIAL TOPICS GENET 590 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRAD STU SEMNR GENE GENET 690 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 9682005 W 4:10-5:00
 MEETS: JAN 8-MAY 4

GENETICS - INTERDISCIPLINARY

(CONTINUED)

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS
 9316005 SR ARRANGED
 MEETS: JAN 8-MAY 4

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

GENETICS, DEVELOPMENT & CELL BIOL

ADV MOLECUCLR GENETC GDCB 511 3 CREDITS
 Prereq: BIOL 313 AND BBMB 405
 2943005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

INTR PROTEIN TECHNQ GDCB 542B 1 CREDIT
 Satisfactory-Fail Only.
 7092005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 8-MAY 4

INTRO CELL TECHNIQS GDCB 542C 1 CREDIT
 Satisfactory-Fail Only.
 7096005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: JAN 8-MAY 4

ADV NEUROSCI TECHNQ GDCB 557 3 CREDITS
 Prereq: NEURO 556 OR EQUIVALENT COURSE
 Note: Instructor permission required 1st week.
 9566005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: THERE IS A \$75 FEE ASSOCIATED WITH THIS COURSE

STAT BIOINFORMATICS 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 8-MAY 4

SYSTEMS BIOLOGY GDCB 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208 OR COM S 228, GEN 411, STAT 430
 5577005 1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

RESEARCH SEMINAR GDCB 696 1 CREDIT
 Satisfactory-Fail Only.
 8832005 W 4:10-5:30
 MEETS: JAN 8-MAY 4

SEMN MOLEC,C,DV BIO GDCB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2018.
 3856005 M 3:10-5:00
 MEETS: JAN 8-MAY 4

RESEARCH GDCB 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

THE EARTH GEOL 100 3 CREDITS
 3870005 A MWF 11:00-11:50 DAWSON J
 MEETS: JAN 8-MAY 4
 3870010 B MWF 1:10-2:00 DAWSON J
 MEETS: JAN 8-MAY 4

THE EARTH: LAB GEOL 100L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN GEOL 100
 7595005 1 T 10:00-11:50
 MEETS: JAN 8-MAY 4
 7595010 2 T 1:10-3:00
 MEETS: JAN 8-MAY 4
 7595015 3 R 1:10-3:00
 MEETS: JAN 8-MAY 4
 7595020 4 R 10:00-11:50
 MEETS: JAN 8-MAY 4

ENVIRONMNTL GEOLOGY GEOL 101 3 CREDITS
 7596005 A MWF 10:00-10:50 CAISSIE B
 MEETS: JAN 8-MAY 4
 7596600 XW ARRANGED ANKERSTJERNE S
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WW

GEOLOGY

(CONTINUED)

GEOLOGY

(CONTINUED)

HISTORY OF EARTH GEOL 102 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; GEOL MAJORS:
 CONCURRENT ENROLLMENT IN 102L
 3874005 A MWF 1:10-2:00 CAISSIE B
 MEETS: JAN 8-MAY 4

HIST OF EARTH: LAB GEOL 102L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN GEOL 102
 7597005 1 R 3:10-5:00
 MEETS: JAN 8-MAY 4
 7597010 2 T 3:10-5:00
 MEETS: JAN 8-MAY 4

EARTH&SPC FOR EL ED GEOL 106 2 CREDITS
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED
 8465005 ARRANGED CERVATO C
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 8582010 2 M 12:10-2:00
 MEETS: JAN 8-MAY 4
 8582015 3 M 10:00-11:50
 MEETS: JAN 8-MAY 4
 8582020 4 M 5:10-7:00PM
 MEETS: JAN 8-MAY 4

GEOLOGICL DISASTERS GEOL 111 1 CREDIT
 9152005 TR 9:30-10:20 ANKERSTJERNE S
 MEETS: MARCH 5-MAY 4

EARTH,WIND&F ORIENT GEOL 113 1 CREDIT
 9686005 M 4:10-5:00 FLORY D
 MEETS: JAN 8-MAY 4

WORLD WATER RESOURC GEOL 160 3 CREDITS
 Note: Meets international perspectives reqmt
 3241005 MWF 9:00-9:50 FRANZ K
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY GEOL 290 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC GEOL 298 R CREDIT
 Prereq: GEOL 100 OR GEOL 201, GEOL 100L,GEOL 102,
 GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR;
 SOPH CLASSIFICATION
 4828005 ARRANGED
 MEETS: JAN 8-MAY 4

ENERGY &THE ENVIRON GEOL 324 3 CREDITS
 Prereq: CHEM 163 OR CHEM 177, MATH 140
 3045005 1 MWF 11:00-11:50 WOOD A
 MEETS: JAN 8-MAY 4
 3045600 XW ARRANGED WOOD A
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

STRUCTR GEOL&TECTNC GEOL 356 4 CREDITS
 Prereq: GEOL 100 OR GEOL 201; PHYS 111, MATH 165
 OR MATH 181
 3882005 A MWF 9:00-9:50 REBER J
 T 9:00-11:50
 MEETS: MARCH 5-MAY 4

GEO MAPPING&FLD MTH GEOL 357X 1 CREDIT
 9951005 R 9:00-11:50 REBER J
 MEETS: MARCH 5-MAY 4

PETROLOGY GEOL 365 3 CREDITS
 Prereq: GEOL 315, GEOL 315L, GEOL 316
 3883005 1 MW 3:10-4:00 DAWSON J
 T 2:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

APP GRNDWTR FLW MOD GEOL 414 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 3064005 1 MW 1:10-2:00 SIMPKINS W
 W 2:10-4:00 SIMPKINS W
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$50.00

AQUEOS&ENVIR GEOCHM GEOL 419 3 CREDITS
 Prereq: CHEM 178, CHEM 178L, JUNIOR CLASSIFICATN
 2314005 TR 11:00-11:50 SWANNER E
 F 1:10-3:00 SWANNER E
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$50.00

STABLE ISOTOPES ENV GEOL 426 3 CREDITS
 Prereq: 4 COURSES IN BIOL OR PHYSICAL SCIENCES
 6837005 TR 9:30-10:50 WANAMAKER A
 MEETS: JAN 8-MAY 4

GIS FOR GEOSCIENTST GEOL 452 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3092005 MW 4:10-5:00 ZHOU Y
 F 4:10-5:00 ZHOU Y
 MW 5:10-6:00PM
 MEETS: JAN 8-MAY 4

SEISMC MTHDS EXPLOR GEOL 457 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; ALGEBRA AND
 TRIGONOMETRY
 6248005 MW 10:00-10:50 BERESNEV I
 F 10:00-10:50
 F 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: Equipment use and field trips & travel fee \$70.00

GLACIAL &QUATERNARY GEOL 474 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201 OR EQUIVALENT
 EXPERIENCE
 8422005 MW 2:10-3:00 IVERSON N
 R 1:10-3:00
 MEETS: JAN 8-MAY 4

SURV REMOTE SNS TEC GEOL 489 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 9751005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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 OR E E 589
 5244005 1 R 11:00-1:50
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY GEOL 490 1- 3 CREDITS
 Prereq: 6 CR IN GEOLOGY & PERMISSN OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEOL 495 1 CREDIT
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 8231005 F 4:10-6:00PM ZHOU Y
 MEETS: JAN 8-MAY 4

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 8-MAY 4

APP GRNDWTR FLW MOD GEOL 514 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 3115005 1 MW 1:10-2:00 SIMPKINS W
 W 2:10-4:00 SIMPKINS W
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$50.00

ENVIRONMNTL GEOCHEM GEOL 519 3 CREDITS
 Prereq: GEOL 511 OR EQUIVALENT
 2315005 TR 11:00-11:50 SWANNER E
 F 1:10-3:00 SWANNER E
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$50.00

STABLE ISOTOP&ENVIR GEOL 526 3 CREDITS
 Prereq: 4 COURSES IN PHYSICAL OR BIOL SCIENCE
 6843005 TR 9:30-10:50 WANAMAKER A
 MEETS: JAN 8-MAY 4

GIS FOR GEOSCIENTST GEOL 552 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3206005 MW 4:10-5:00 ZHOU Y
 F 4:10-5:00 ZHOU Y
 MW 5:10-6:00PM
 MEETS: JAN 8-MAY 4

EXPLORAT SEISMOLOGY GEOL 557 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; COLLEGE ALGEBRA AND
 TRIGONOMETRY
 6311005 MW 10:00-10:50 BERESNEV I
 F 10:00-10:50 BERESNEV I
 F 11:00-11:50 BERESNEV I
 MEETS: JAN 8-MAY 4
 Note: Equipment use and field trips & travel fee \$70.00

GEOLOGY (CONTINUED)

GEOLOGY (CONTINUED)

GLACIAL & QUATERNARY GEOL 574 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201
 8423005 MW 2:10-3:00 IVERSON N
 R 1:10-3:00
 MEETS: JAN 8-MAY 4

GIS FOR GEOSCIEN II GEOL 588 3 CREDITS
 Prereq: GEOL 452 OR C R P 451 OR C R P 452
 OR NREM 345 OR NREM 446 OR A E 408 OR EQUIVALENT GIS
 COURSE
 2465005 TR 2:10-4:00 HARDING C
 MEETS: JAN 8-MAY 4

SURV REMOTE SNS TEC GEOL 589 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 9754005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

SPL TOP SURFIC PROC GEOL 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRATIGRAPH GEOL 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATN GEOL 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLGY GEOL 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS PETROLOGY GEOL 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP STRUCTURAL GEOL 590F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEOCHEM GEOL 590G 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS HYDROGEOL GEOL 590H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI GEOL 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIN RESOURC GEOL 590J 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP GEOPHYSICS GEOL 590K 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP MINERALOGY GEOL 590L 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS TECTONICS GEOL 590M 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP PALEOECO&CLI GEOL 590N 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ISOTP GCHEM GEOL 590O 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTA&GIS GEOL 590P 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SRFC HYDROL GEOL 590R 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCEANOGRPHY GEOL 590S 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR GEOL 595A 1 CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8219005 F 4:10-6:00PM ZHOU Y
 MEETS: JAN 8-MAY 4

GRADUATE SEMINAR GEOL 595B R CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8220005 F 4:10-6:00PM ZHOU Y
 MEETS: JAN 8-MAY 4

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 8-MAY 4

ADV SEM ECONOM GEOL GEOL 610B 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7609005 ARRANGED
 MEETS: JAN 8-MAY 4

ADV SEM GEOTECTONIC GEOL 610E 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7606005 ARRANGED
 MEETS: JAN 8-MAY 4

ADV SEM HYDROGEOLOGY GEOL 610F 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7604005 ARRANGED
 MEETS: JAN 8-MAY 4

ADV SEM SURFIC PROC GEOL 610G 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7608005 ARRANGED
 MEETS: JAN 8-MAY 4

ADV SEM SED&STRATIG GEOL 610H 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7607005 ARRANGED
 MEETS: JAN 8-MAY 4

ADV SEM PALEOEC&CLI GEOL 610I 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 6710005 ARRANGED
 MEETS: JAN 8-MAY 4

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

GEOLOGY

(CONTINUED)

GERONTOLOGY

RSEARCH GEOSCI EDUC GEOL 699S VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADULT DEVELOPMENT GERON 234 3 CREDITS
 Prereq: HD FS 102
 2026005 1 TR 2:10-3:30 MARGRETT J
 MEETS: JAN 8-MAY 4

GERMAN

ELEMENTRY GERMAN II GER 102 4 CREDITS
 Prereq: GER 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL GERMAN MAY NOT ENROLL IN 102.
 Meets international perspectives reqmt
 3950005 1 MTWR 10:00-10:50
 MEETS: JAN 8-MAY 4
 3950010 2 MTWR 11:00-11:50
 MEETS: JAN 8-MAY 4
 3950015 3 MTWR 1:10-2:00
 MEETS: JAN 8-MAY 4

RETIREM PLN&BENEFTS GERON 378 3 CREDITS
 Prereq: 3 CR IN PRINCIPLES OF ECON; 3 CR IN HD FS
 Note: Meets U.S. diversity reqmt
 8564005 MWF 2:10-3:00 GUDMUNSON C
 MEETS: JAN 8-MAY 4

INTERMED GERMAN II GER 202 4 CREDITS
 Prereq: GER 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 BUSINESS EMPHASIS
 Meets international perspectives reqmt
 3954005 1 MTWR 9:00-9:50
 MEETS: JAN 8-MAY 4
 3954010 2 MTWR 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

COMPOSITION GER 302 3 CREDITS
 Prereq: GER 202
 Note: Meets international perspectives reqmt
 3956005 1 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

GERONTOL PRACTICUM GERON 467 3- 6 CREDITS
 Prereq: GERON 466, ADVANCE RESERVATION
 Satisfactory-Fail Only.
 7870005 ARRANGED
 MEETS: JAN 8-MAY 4

CONVERSATN:CITY EUR GER 305 3 CREDITS
 Prereq: GER 202, GER 301 RECOMMENDED
 Note: Meets international perspectives reqmt
 8405005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY GERON 490 VAR. CREDITS
 3052005 ARRANGED
 MEETS: JAN 8-MAY 4
 3052038 JM ARRANGED
 MEETS: JAN 8-MAY 4

GERMANY TODAY GER 320 3 CREDITS
 Prereq: GER 301 OR GER 304
 Note: Meets international perspectives reqmt
 3792005 1 MW 3:10-4:30
 MEETS: JAN 8-MAY 4

SURV OF GERONTOLOGY GERON 510 1- 3 CREDITS
 3053005 W 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: OPEN SEC OFFERED FOR 1 CREDIT SPRING 2018
 3053010 2 W 1:10-2:00, ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 3 OFFERED FOR 2 CREDITS SPRING 2018
 3053015 3 W 1:10-2:00, ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 3 OFFERED FOR 3 CREDITS SPRING 2018

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 2018.
 Meets international perspectives reqmt
 7143005 1 T 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 Note: SEC 1 OFFERED FOR 3 CREDITS SPRING
 2018
 7143010 2 T 6:10-9:00PM
 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 2 OFFERED FOR 4 CREDITS SPRING 2018

SPECIAL TOPICS GERON 590 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOPCS GER CULTUR ST GER 476 3- 4 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT,
 6 CREDITS IN GERMAN AT THE 300 LEVEL OF COURSES
 INSTRUCTED IN GERMAN.
 Note: TOPIC: GERMANY CULTURE
 Meets international perspectives reqmt
 3958005 1 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC 1 OFFERED FOR 3 CREDITS SPRING 2018
 3958010 2 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC 2 OFFERED FOR 4 CREDITS SPRING 2018

INTERNSHIP GERON 591 1- 9 CREDITS
 9810077 PM ARRANGED
 MEETS: JAN 8-MAY 4
 MARTIN P

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

CREATIVE COMPONENT GERON 599 VAR. CREDITS
 9839077 PM ARRANGED
 MEETS: JAN 8-MAY 4

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

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

GLOBAL RESOURCE SYSTEMS

SPL TOP GER CIVLZTN GER 590D 2- 4 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR; 6 CREDITS
 OF 400-LEVEL GERMAN
 ***** SEE DEPT FOR REFERENCE NUMBERS

GLOBAL RESOURCE SYS GLOBE 201 3 CREDITS
 6635005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

ISSU GLBL RSRCE SYS GLOBE 211 1 CREDIT
 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 8-MAY 4
 Note: SEC 1 OFFERED FOR 1 CREDIT SPRING 2018
 6651010 2 R 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC 2 OFFERED FOR 1 CREDIT SPRING 2018

GLOBAL SUSTAINABLT GLOBE 220 3 CREDITS
 Note: T SC/ANTR/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 HALLAM A
 MEETS: JAN 8-MAY 4

APPRENTICESHIP GLOBE 221 R CREDIT
 Satisfactory-Fail Only.
 6652005 ARRANGED
 MEETS: JAN 8-MAY 4
 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

GLOBAL RESOURCE SYSTEMS (CONTINUED)

SOCIO-ECON RSRC SYS GLOBE 304 3 CREDITS
 Prereq: GLOBE 201, ECON 101 OR ECON 102
 6154005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

GLB SYS INTERN PREP GLOBE 320 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5201005 W 4:10-5:00
 MEETS: JAN 8-MAY 4

INTERNSHIP - GLOBAL GLOBE 321 3- 6 CREDITS
 Prereq: GLOBE 320; JR. OR SR. CLASSIFICATION IN
 GLOBAL RESOURCE SYSTEMS MAJOR; PERMISSION OF
 INSTRUCTOR AND APPROVAL BY THE GLOBAL RESOURCE
 SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND
 GLOBE 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 Meets international perspectives reqmt
 8676005 W 4:10-5:00, ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: Instructor permission required.

ECONOMIC DEVELOPMNT GLOBE 385 3 CREDITS
 Prereq: ECON 101, ECON 102
 Note: Meets international perspectives reqmt
 3230005 1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATN GLOBE 398 R CREDIT
 Prereq: PERMISSION OF FACULTY COORDINATOR FOR THE
 MAJOR, COMPLETION OF COOPERATIVE EDUCATION APPROVAL
 FORM, REGISTRATION IN GLOBE 398X PRIOR TO COMMENCING
 WORK PERIOD
 Satisfactory-Fail Only.
 9743005 ARRANGED
 MEETS: JAN 8-MAY 4

SENIOR PROJECT GLOBE 401 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN GLOBE
 6799005 MW 3:10-4:00, ARRANGED
 MEETS: JAN 8-MAY 4

SENIOR PROJ HONORS GLOBE 401H 3 CREDITS
 8914005 MW 3:10-4:00, ARRANGED
 MEETS: JAN 8-MAY 4

GLBL RSOURC CHALLNG GLOBE 402 3 CREDITS
 6815005 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 8-MAY 4

INT'L ANIMAL AGRICU GLOBE 441 3 CREDITS
 Note: Meets international perspectives reqmt
 7435005 1 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 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 8-MAY 4
 Note: Instructor permission required.

IND STDY SERVICE LRN GLOBE 490Z 1- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE
 APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
 6823005 ARRANGED
 MEETS: JAN 8-MAY 4

GLOBAL RESOURCE SYSTEMS (CONTINUED)

SERVICE LEARN INT'L GLOBE 494A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 3581005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

SERV LRNG DOMESTIC GLOBE 494B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3604005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

SVC LRNG U.S.DVRSTY GLOBE 494C 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets U.S. diversity reqmt
 9775005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

GL RSOURC ABRD PREP GLOBE 495 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 8845015 CN W 3:10-4:40
 MEETS: JAN 8-MAY 4
 Note: SEC CN HIS STUDY ABROAD PREPARATION CLASS IS FOR
 THE CHINA THAT WILL TAKE PLACE SUMMER 2018
 8845005 IT TR 3:10-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC IT HIS STUDY ABROAD PREPARATION CLASS IS FOR
 THE ROME ITALY TRIP THAT WILL TAKE PLACE SUMMER 2018
 MAY 10-JUNE 5
 8845805 UG W 5:10-7:00PM
 MEETS: JAN 8-MAY 4
 Note: SEC UG PRE-TRAVEL FOR SUMMER STUDY ABOARD TO
 UGANDA.

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS
 6903005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

GRADUATE STUDIES

PREP PUBLISHBL THSIS GR ST 529 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 9736005 T 11:00-12:20
 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

RSPBL RSRCH CONDUCT GR ST 565 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 7866005 1 W 11:00-11:50
 MEETS: JAN 8-MAY 4
 7866010 2 T 1:10-2:00
 MEETS: JAN 8-MAY 4
 7866025 5 M 2:10-3:00
 MEETS: JAN 8-MAY 4
 7866030 6 W 5:10-6:00PM
 MEETS: JAN 8-MAY 4
 7866035 7 F 11:00-11:50
 MEETS: JAN 8-MAY 4

GRANT WRITING GR ST 569 1 CREDIT
 Prereq: AT LEAST TWO PRIOR YEARS OF GRADUATE
 CLASSIFICATION.
 3910005 1 MW 10:00-10:50
 MEETS: JAN 8-MARCH 2
 Note: SEC 1: FOCUS ON THE NSF
 3910010 2 MW 11:00-11:50
 MEETS: JAN 8-MARCH 2
 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 3:40-6:40PM
 MEETS: JAN 8-MAY 4
 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
 MEETS: JAN 8-MAY 4
 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
 MEETS: JAN 8-MAY 4
 Note: SEC 1: PFF
 Instructor permission required.
 8341010 2 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 2: CIRTL
 Instructor permission required.
 8341015 3 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 3: TAR
 Instructor permission required.

GRADUATE STUDIES (CONTINUED)

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 8-MAY 4

PRACTICAL TRAINING GR ST 697 R CREDIT
 6905005 ARRANGED
 MEETS: JAN 8-MAY 4

GRAPHIC DESIGN (CONTINUED)

GRPHC DSGN CAPSTONE ARTGR 471 3 CREDITS
 Prereq: ARTGR 470 OR PERMISSION OF INSTRUCTOR
 1645005 A TR 12:40-3:30
 MEETS: JAN 8-MAY 4

1645010 B TR 12:40-3:30
 MEETS: JAN 8-MAY 4

1645015 C TR 12:40-3:30
 MEETS: JAN 8-MAY 4

1645020 D TR 12:40-3:30
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4
 Note: Materials, field trips &/or travel fee \$25.00-\$92.00

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 8-MAY 4

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 8-MAY 4

PROFESSNL PRESNTATN ARTGR 482 2 CREDITS
 Prereq: ARTGR 470 AND CONCURRENT ENROLLMENT IN ARTGR 471
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1929005 A TR 3:40-5:30
 MEETS: JAN 8-MAY 4

1929010 B TR 3:40-5:30
 MEETS: JAN 8-MAY 4

1929015 C TR 3:40-5:30
 MEETS: JAN 8-MAY 4

1929020 D TR 3:40-5:30
 MEETS: JAN 8-MAY 4

STUDIES IN GRPH DSN ARTGR 484 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO ARTGR MAJORS ONLY. OFFERED FOR 3 CREDITS SPRING 2018
 Instructor permission required 1st week.
 8261005 A MW 2:10-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC A TOPIC: DIGITAL METHODS IN CREATIVE IDEATION

IND ST THEORY, CRIT ARTGR 490A 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 2-D DESGN ARTGR 490B 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 3-D DESGN ARTGR 490C 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTGR 490H 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT, MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU COOP, INTERN ARTGR 490I 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

PUBLICATN DSGN:BOOKS ARTGR 492 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR 370 OR ARTGR 371
 1994005 TR 2:10-5:00
 MEETS: JAN 8-MAY 4

GRPH DSGN FIELD STU ARTGR 497X 1 CREDIT
 Satisfactory-Fail Only.
 8803005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Materials, field trips &/or travel fee \$25.00-\$1,070.00

GRAPHIC DESIGN

GRAPH DSGN STDIO II ARTGR 271 3 CREDITS
 Prereq: ART 230, ARTGR 270, ARTGR 275 AND ENROLLMENT IN ARTGR 276
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT. Instructor permission required 1st week.
 1786005 A MW 9:00-11:50
 MEETS: JAN 8-MAY 4

1786010 B MW 9:00-11:50
 MEETS: JAN 8-MAY 4

1786015 C MW 9:00-11:50
 MEETS: JAN 8-MAY 4

1786020 D MW 9:00-11:50
 MEETS: JAN 8-MAY 4

DG PHOTO FOR GR DSN ARTGR 272 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 270 OR ARTGR 271
 9179005 A MW 2:10-5:00
 MEETS: JAN 8-MAY 4

9179010 B TR 11:00-2:00
 MEETS: JAN 8-MAY 4

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 T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 8-MAY 4

5292010 B T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 8-MAY 4

5292015 C T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 8-MAY 4

5292020 D T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 8-MAY 4

GRAPH DSN STUDIO IV ARTGR 371 3 CREDITS
 Prereq: ARTGR 370 AND ARTGR 387
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT. Instructor permission required 1st week.
 1820005 A TR 9:30-12:20
 MEETS: JAN 8-MAY 4

1820010 B TR 9:30-12:20
 MEETS: JAN 8-MAY 4

1820015 C TR 9:30-12:20
 MEETS: JAN 8-MAY 4

1820020 D TR 9:30-12:20
 MEETS: JAN 8-MAY 4

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 8-MAY 4

GRPH DSN INTERN SEM ARTGR 377 1 CREDIT
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR 370 OR ARTGR 371
 Note: Instructor permission required 1st week. Satisfactory-Fail Only.
 7537005 A F 11:00-11:50
 MEETS: JAN 8-MAY 4

GR DSN HIST,CRIT II ARTGR 388 3 CREDITS
 Note: Meets U.S. diversity regmt
 Instructor permission required 1st week.
 9451005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

3D MOTION GRAPHICS ARTGR 463 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370 OR ARTGR 371 OR ARTGR 470
 9814005 MW 2:10-5:00
 MEETS: JAN 8-MAY 4

GRAPHIC DESIGN (CONTINUED)

DSGN&CULTR SEMIOTIC ARTGR 520X 3 CREDITS
 9871005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

GRAPH DSN STUDIO II ARTGR 521X 3 CREDITS
 Prereq: GRADUATE ENROLLMENT IN THE GRAPHIC DESIGN
 GRADUATE PROGRAM
 9867005 MW 12:10-3:00
 MEETS: JAN 8-MAY 4

CRITICAL MEDIA ARTGR 522X 3 CREDITS
 Prereq: GRADUATE ENROLLMENT IN THE GRAPHIC DESIGN
 PROGRAM
 9866005 MW 3:10-6:00PM BRAIDWOOD A
 MEETS: JAN 8-MAY 4

3D MOTION GRAPHICS ARTGR 563 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370
 OR ARTGR 371 OR ARTGR 470
 2148005 MW 2:10-5:00
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4
 Note: Materials, field trips &/or travel fee \$25.00-\$92.00

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 8-MAY 4

STUDIES IN GRPH DSN ARTGR 584 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
 Note: Instructor permission required 1st week.
 8262005 A MW 2:10-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC A TOPIC: DIGITAL METHODS IN CREATIVE
 IDEATION

DESIGN AND ETHICS ARTGR 589 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 4955600 XE ARRANGED CANNIFFE B
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

SPL TOPCS THRY,CRIT ARTGR 590A VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR
 EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED
 AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 2-DIMEN DSN ARTGR 590B VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR
 EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED
 AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 3-DIMEN DSN ARTGR 590C VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR
 EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED
 AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

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 8-MAY 4

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
 MEETS: JAN 8-MAY 4

GRAPHIC DESIGN (CONTINUED)

ADVANCED TOPICS ARTGR 690 VAR. CREDITS
 Prereq: MFA CLASSIFICATION, INSTRUCTOR PERMISSION
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - THESIS ARTGR 699 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

GREEK

INDEPENDENT STUDY GREEK 490 1- 6 CREDITS
 Prereq: 6 CR IN GREEK; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN GREEK 490 MAY BE
 APPLIED TOWARD GRADUATION
 Permission of department chair required.

 SEE DEPT FOR REFERENCE NUMBERS

HEALTH STUDIES

1ST AID &EMERG CARE H S 105 2 CREDITS
 Note: SEC A1, B2 ETC RESTRICTED TO A TR, P ATR
 KIN H MAJORS. SEC A2 FOR MAJORS OTHER THAN
 A TR, P ATR, KIN H

4081005 A1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

4081010 A2 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

4081015 B1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

4081020 B2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

4081025 C1 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

4081030 C2 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

4081035 D2 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

4081040 D3 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

4081045 E1 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

4081050 E2 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

4082010 A2 MWF 11:00-11:50 DUKES L
 MEETS: JAN 8-MAY 4

4082015 B1 TR 11:00-12:30 LIPSEY H
 MEETS: JAN 8-MAY 4

4082020 B2 TR 11:00-12:30 LIPSEY H
 MEETS: JAN 8-MAY 4

4082025 C1 MWF 9:00-9:50 DRENTH J
 MEETS: JAN 8-MAY 4

DRUG EDUCATION H S 215 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230

4083005 A1 TR 8:00-9:20 DENTON D
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO A TR, KIN H, P ATR
 MAJORS.

4083010 A2 TR 8:00-9:20 DENTON D
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC B1 RESTRICTED TO A TR, KIN H, P ATR
 MAJORS.

4083020 B2 TR 9:30-10:50 DENTON D
 MEETS: JAN 8-MAY 4
 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 11:00-11:50 SMITH J
 MEETS: JAN 8-MAY 4

PRE-INTERN KIN&HLTH H S 285 1- 2 CREDITS
 Prereq: KINESIOLOGY AND HEALTH MAJOR, AND
 PERMISSION OF INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.

2051005 ARRANGED POWER D
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

HEALTH STUDIES

(CONTINUED)

INSTR S 1ST AID&CPR H S 305 2 CREDITS
 Prereq: H S 105, CURRENT STANDARD FIRST AID AND
 COMMUNITY CPR CERTIFICATION
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR
 KIN, KIN H, P DEXA, PDEXH JR & SRS.
 4086005 1 TR 8:00-9:20 SPRY-KNUTSON J
 MEETS: JAN 8-MAY 4

COMMUN&PUBLC HEALTH H S 310 3 CREDITS
 Prereq: H S 110
 4087005 1 MWF 11:00-11:50 LIPSEY H
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO KIN H JUNIORS &
 SENIORS
 4087010 2 MWF 11:00-11:50 LIPSEY H
 MEETS: JAN 8-MAY 4
 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 LANG J
 MEETS: JAN 8-MAY 4
 4088010 A2 TR 12:40-2:00 LANG J
 MEETS: JAN 8-MAY 4

WRKSITE HLTH PROMOT H S 380 3 CREDITS
 Prereq: KIN 258, KIN 366
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, KIN H
 P ATR, PDEXA, PDEXH, JRS & SRS.
 3795005 1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

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 8-MARCH 2
 3789010 2 F 1:10-2:00, ARRANGED POWER D
 MEETS: JAN 8-MARCH 2

SUPV TCHG HLTH,SCDY H S 417A 16 CREDITS
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED
 Note: Department permission required.
 9508005 ARRANGED LIPSEY H
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 MEYER J
 MEETS: JAN 8-MAY 4

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 8-MAY 4

INDEPENDENT STUDY H S 490 1- 3 CREDITS
 Prereq: 6 CR IN H S, PERMISSION OF COORDINATOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY H S 490H 1- 3 CREDITS
 Prereq: 6 CR IN H S, PERMISSION OF COORDINATOR,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PHY ACTVTY EPIDEMIO H S 564 3 CREDITS
 Prereq: KIN 358 OR H S 350; STAT 101 OR STAT 401
 Note: COURSE RESTRICTED TO A TR, D EXA, KIN,
 P ATH, PDEXA, PDEXH MAJORS ONLY
 9727005 MW 3:10-4:30 MEYER J
 MEETS: JAN 8-MAY 4

HIGHER EDUCATION

HIST U.S. HIGHER ED HG ED 504 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: FOR EDUC STUDENTS ONLY - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 4111005 1 W 5:30-8:20PM
 MEETS: JAN 8-MAY 4

HIGHER EDUCATION

(CONTINUED)

LEARN,LDRSHP,CMUNTY HG ED 541 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7154005 T 3:10-5:00
 MEETS: JAN 8-MAY 4

TEAMS IN ACTION HG ED 543 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7160005 T 11:00-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 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 1:10-4:00
 MEETS: JAN 8-MAY 4
 4118010 2 M 1:10-4:00
 MEETS: JAN 8-MAY 4

ADVISING&HELP SKILLS HG ED 579 3 CREDITS
 Prereq: HG ED 574, HG ED 576
 6274005 1 W 1:10-4:00
 MEETS: JAN 8-MAY 4
 6274010 2 T 9:00-11:50
 MEETS: JAN 8-MAY 4

SPL TOP STDT SERVIC HG ED 590A 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN COLL HG ED 590B 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CURRENT ISS HG ED 590C 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTNL HG ED HG ED 590D 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP FED&STAT AFF HG ED 590E 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LAW IN HG ED HG ED 590F 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTITNL RES HG ED 590G 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXPERIEN HG ED 591 1- 4 CREDITS
 Prereq: 9 CREDITS GRADUATE WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

CAPSTONE SEMINAR HG ED 598 3 CREDITS
 Note: FOR EDUC STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 6275005 1 T 1:10-4:00
 MEETS: JAN 8-MAY 4

CREATIVE COMPONENT HG ED 599 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMN CURRENT ISSUES HG ED 615C 1- 4 CREDITS
 4140005 1 T 5:30-8:30PM
 MEETS: JAN 8-MAY 4

COLLEGE ORG & ADMIN HG ED 664 3 CREDITS
 4146005 A M 5:30-8:20PM
 MEETS: JAN 8-MAY 4

FINANCING HIGHER ED HG ED 665 3 CREDITS
 Note: FOR EDUC STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 4147005 1 T 5:30-8:20PM
 MEETS: JAN 8-MAY 4

ADV SPECIAL TOPICS HG ED 690 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HG ED 699 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTORICAL, PHILOSOPHICAL & COMP ED

SPCL TOP HIST OF ED H P C 590A 1- 3 CREDITS
 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 W 10:00-10:50 MCDONNELL L
 MEETS: JAN 8-MAY 4

INTR WESTERN CIV II HIST 202 3 CREDITS
 Note: Meets international perspectives reqmt

4151005 1 TR 11:00-11:50 BEST J
 T 8:00-8:50
 MEETS: JAN 8-MAY 4

4151010 2 TR 11:00-11:50 BEST J
 T 9:30-10:20
 MEETS: JAN 8-MAY 4

4151015 3 TR 11:00-11:50 BEST J
 W 10:00-10:50
 MEETS: JAN 8-MAY 4

4151020 4 TR 11:00-11:50 BEST J
 W 11:00-11:50
 MEETS: JAN 8-MAY 4

4151025 5 TR 11:00-11:50 BEST J
 R 8:00-8:50
 MEETS: JAN 8-MAY 4

4151030 6 TR 11:00-11:50 BEST J
 W 8:00-8:50
 MEETS: JAN 8-MAY 4

4151035 7 TR 11:00-11:50 BEST J
 F 10:00-10:50
 MEETS: JAN 8-MAY 4

4151040 8 TR 11:00-11:50 BEST J
 F 11:00-11:50
 MEETS: JAN 8-MAY 4

4151045 9 MW 1:10-2:00 MONROE J
 F 1:10-2:00 SISSEL K
 MEETS: JAN 8-MAY 4

4151050 10 MW 1:10-2:00 MONROE J
 F 9:00-9:50 SISSEL K
 MEETS: JAN 8-MAY 4

4151055 11 MW 1:10-2:00 MONROE J
 W 9:00-9:50 SISSEL K
 MEETS: JAN 8-MAY 4

4151060 12 MW 1:10-2:00 MONROE J
 W 10:00-10:50 SISSEL K
 MEETS: JAN 8-MAY 4

4151065 13 MW 1:10-2:00 MONROE J
 R 2:10-3:00 KING K
 MEETS: JAN 8-MAY 4

4151070 14 MW 1:10-2:00 MONROE J
 R 11:00-11:50 KING K
 MEETS: JAN 8-MAY 4

4151075 15 MW 1:10-2:00 MONROE J
 F 12:10-1:00 KING K
 MEETS: JAN 8-MAY 4

4151080 16 MW 1:10-2:00 MONROE J
 F 1:10-2:00 KING K
 MEETS: JAN 8-MAY 4

SURVEY U.S. HIST II HIST 222 3 CREDITS
 4156005 1 MW 10:00-10:50 CORDERY S
 W 1:10-2:00 MARSHALL S
 MEETS: JAN 8-MAY 4

4156010 2 MW 10:00-10:50 CORDERY S
 R 8:00-8:50 MARSHALL S
 MEETS: JAN 8-MAY 4

4156015 3 MW 10:00-10:50 CORDERY S
 F 8:00-8:50 MARSHALL S
 MEETS: JAN 8-MAY 4

4156020 4 MW 10:00-10:50 CORDERY S
 F 10:00-10:50 MARSHALL S
 MEETS: JAN 8-MAY 4

4156025 5 MW 3:10-4:00 RUTENBERG A
 W 1:10-2:00 DUERKES W
 MEETS: JAN 8-MAY 4

4156030 6 MW 3:10-4:00 RUTENBERG A
 R 11:00-11:50 DUERKES W
 MEETS: JAN 8-MAY 4

4156035 7 MW 3:10-4:00 RUTENBERG A
 F 1:10-2:00 DUERKES W
 MEETS: JAN 8-MAY 4

HISTORY

(CONTINUED)

SURVEY U.S. HIST II HIST 222 3 CREDITS
 4156040 8 MW 3:10-4:00 RUTENBERG A
 F 3:10-4:00 DUERKES W
 MEETS: JAN 8-MAY 4

4156045 9 MW 11:00-11:50 MCDONNELL L
 W 9:00-9:50 REED C
 MEETS: JAN 8-MAY 4

4156050 10 MW 11:00-11:50 MCDONNELL L
 R 9:30-10:20 REED C
 MEETS: JAN 8-MAY 4

4156055 11 MW 11:00-11:50 MCDONNELL L
 F 9:00-9:50 REED C
 MEETS: JAN 8-MAY 4

4156060 12 TR 11:00-11:50 MCDONNELL L
 R 8:00-8:50 REED C
 MEETS: JAN 8-MAY 4

4156065 13 TR 11:00-11:50 BIX A
 W 11:00-11:50 GRIMM A
 MEETS: JAN 8-MAY 4

4156070 14 TR 11:00-11:50 BIX A
 R 9:30-10:20 GRIMM A
 MEETS: JAN 8-MAY 4

4156075 15 TR 11:00-11:50 BIX A
 F 10:00-10:50 GRIMM A
 MEETS: JAN 8-MAY 4

4156080 16 TR 11:00-11:50 BIX A
 F 11:00-11:50 GRIMM A
 MEETS: JAN 8-MAY 4

4156085 17 MWF 12:10-1:00 BARRON M
 MEETS: JAN 8-MAY 4

INTR ASIAN AMER STU HIST 225 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9579005 TR 3:40-5:00 DUSSELIER J
 MEETS: JAN 8-MAY 4

INTR WRLD HIS 1500- HIST 255X 3 CREDITS
 Note: Meets international perspectives reqmt
 9915005 TR 9:30-10:50 WANG T
 MEETS: JAN 8-MAY 4

ASIAN AM MATRL CULT HIST 333 3 CREDITS
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 Meets U.S. diversity reqmt
 2369005 TR 9:30-10:50 DUSSELIER J
 MEETS: JAN 8-MAY 4

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 8-MAY 4

HIST LATIN AMERI II HIST 341 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 Meets international perspectives reqmt
 4175005 TR 11:00-12:20 HERNANDEZ B
 MEETS: JAN 8-MAY 4

HIST AFRICAN AMER I HIST 353 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Meets U.S. diversity reqmt
 8745005 TR 12:40-2:00 ADELEKE R
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE

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 8-MAY 4

SCI REVOLU HIST&PHI HIST 382 3 CREDITS
 4034005 MWF 3:10-4:00 MILLER D
 MEETS: JAN 8-MAY 4

EUR SCI&CULT 1715ON HIST 383 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 Meets international perspectives reqmt
 1279005 MWF 12:10-1:00 ANDREWS J
 MEETS: JAN 8-MAY 4

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 8-MAY 4

HISTORY

(CONTINUED)

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 8-MAY 4

EUR CULTR&INTEL HIS HIST 414 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 4201005 MWF 11:00-11:50 MONROE J
 MEETS: JAN 8-MAY 4

LONDON 1500-1800 HIST 429 3- 4 CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018
 8517005 TR 11:00-12:20 GRIFFITHS P
 ARRANGED
 MEETS: JAN 8-MAY 4

MODERN ENGLAND HIST 431 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 8634005 W 5:10-8:00PM SCHNEIDER W
 MEETS: JAN 8-MAY 4

HIST MOD MIDL EAST HIST 435X 3 CREDITS
 Prereq: HIST 201 OR HIST 202 OR HIST 331X
 OR RELIG 358
 Note: Meets international perspectives reqmt
 9978005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

MOD MEXICO & C AMER HIST 441 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE.
 1199005 TR 2:10-3:30 HERNANDEZ B
 MEETS: JAN 8-MAY 4

GILDD AGE 1877-1900 HIST 449X 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 9948005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

LAW&SOCIET U.S. HIS HIST 453 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 1216005 TR 2:10-3:30 SCHNEIDER W
 MEETS: JAN 8-MAY 4

EXPERC III:HIST/SOC HIST 480A 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 8693005 ARRANGED RUTENBERG A
 MEETS: JAN 8-MAY 4

AMERICAN STUFF HIST 488 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 4235005 MWF 10:00-10:50 BARRON M
 MEETS: JAN 8-MAY 4

THE WORLD AT WAR HIST 489X 3 CREDITS
 Prereq: SOPHOMORE STANDING
 9979005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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 MCDONNELL L
 MEETS: JAN 8-MAY 4
 4238010 2 T 1:10-4:00 HOLLANDER D
 MEETS: JAN 8-MAY 4
 4238015 3 R 9:30-12:20 WOLTERS T
 MEETS: JAN 8-MAY 4

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 8-MAY 4

HISTORY

(CONTINUED)

PROSEM MEDV EUR HST HIST 512B 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 4244005 M 5:30-8:30PM GRIFFITHS P
 MEETS: JAN 8-MAY 4

READ SMNR GLBL ENVR HIST 554C 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9976005 T 1:10-4:00
 MEETS: JAN 8-MAY 4

SPECIAL TOPICS HIST 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM 20TH CENTU AMER HIST 593C 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 4273005 W 2:10-5:00 BIX A
 MEETS: JAN 8-MAY 4

CREATIVE COMPONENT HIST 599 1- 6 CREDITS
 ***** 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

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 8-MAY 4
 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 8-MAY 4

HANDS-ON HOME HORTI HORT 122 1 CREDIT
 5497005 1 M 9:00-9:50
 MEETS: JAN 8-MAY 4
 5497010 2 M 11:00-11:50
 MEETS: JAN 8-MAY 4
 5497015 3 M 1:10-2:00
 MEETS: JAN 8-MAY 4

FLORAL DESIGN HORT 131 1 CREDIT
 9661005 1 W 5:10-7:00PM
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO HORT MAJORS ONLY
 9661010 2 W 5:10-7:00PM
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 4296010 2 TR 9:00-9:50
 R 2:10-4:00
 MEETS: JAN 8-MAY 4

UNDERSTAND WINE SCI HORT 276 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY
 4252005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

HORTICULTURE (CONTINUED)

HORTICULTURE (CONTINUED)

EDU YOUTH THRU HORT HORT 282 3 CREDITS
 7419005 MW 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 8-MAY 4
 Note: Materials, field trips &/or travel fee \$30.00

PESTICIDE APPL CERT HORT 283 2 CREDITS
 5221005 A MW 2:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 4304010 2 TR 10:00-10:50
 W 1:10-3:00
 MEETS: JAN 8-MAY 4

GREENHSE OPERAT&MGT HORT 332 4 CREDITS
 Prereq: HORT 221
 4306005 1 MWF 1:10-2:00
 M 2:10-5:00
 MEETS: JAN 8-MAY 4
 4306010 2 MWF 1:10-2:00
 W 2:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

SOILS &PLANT GROWTH HORT 354 3 CREDITS
 Prereq: AGRON 154 AND BIOL 101 OR BIOL 211
 8494005 1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

SOIL&PLANT GRWTH LB HORT 354L 1 CREDIT
 Prereq: AGRON OR HORT MAJOR WITH CREDIT OR
 ENROLLMENT IN AGRON 354
 Note: COURSE RESTRICTED TO AGRON & HORT MAJORS ONLY.
 8496005 1 T 12:10-3:00
 MEETS: JAN 8-MAY 4
 8496010 2 W 1:10-4:00
 MEETS: JAN 8-MAY 4
 8496015 3 R 1:10-4:00
 MEETS: JAN 8-MAY 4

PRIN GARDEN COMPOSI HORT 380 2 CREDITS
 7264005 TR 9:30-10:20
 MEETS: JAN 8-MAY 4

BEG GARDN COMP STDO HORT 381 2 CREDITS
 Prereq: HORT 281; HORT 240 OR HORT 330;
 CONCURRENT ENROLLMENT IN HORT 380
 Note: COURSE RESTRICTED TO HORT MAJORS ONLY.
 L A MAJORS MAY NOT APPLY CREDIT IN HORT 381
 TOWARD GRADUATION.
 7284005 1 MW 9:00-10:50
 MEETS: JAN 8-MAY 4
 7284010 2 MW 1:10-3:00
 MEETS: JAN 8-MAY 4

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.
 ***** 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 8-MAY 4

VEGETABL PRODUC&MGT HORT 471 2 CREDITS
 Prereq: HORT 221
 4323005 MW 8:00-8:50
 MEETS: JAN 8-MAY 4
 Note: Materials, field trips &/or travel fee \$25.00

VEGTBL PROD&MGT LAB HORT 471L 1 CREDIT
 1378005 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 Note: Materials, field trips &/or travel fee \$50.00

IND ST GREENHS CROP HORT 490A VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY NURS CROPS HORT 490B VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY TURFGRASS HORT 490C VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS HORT 490D VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY VEG CROPS HORT 490E VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CROSS-COMMO HORT 490F VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT 490G VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HORT 490H VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY
 HONORS STUDENTS.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRNATL INDEP STDY HORT 490I VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR HORT 490J VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP HORT 491 1- 2 CREDITS
 Prereq: AGRON 338, ADVANCED APPROVAL AND
 PARTICIPATION OF EMPLOYER AND INSTRUCTOR
 Note: Instructor permission required.
 9370005 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

SERVC 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 8-MAY 4

HORTICULTURE

(CONTINUED)

HOSPITALITY MANAGEMENT

(CONTINUED)

INTR PROTEIN TECHN HORT 542B 1 CREDIT
 Satisfactory-Fail Only.
 7109005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 8-MAY 4

INTRO CELL TECHNIQS HORT 542C 1 CREDIT
 Satisfactory-Fail Only.
 3107005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: JAN 8-MAY 4

STRAT DIVERSFD FARM HORT 546 3 CREDITS
 Prereq: SUSAG 509
 6120005 ARRANGED
 MEETS: JAN 8-MAY 4

PERENNIAL GRASSES HORT 551 2 CREDITS
 Prereq: JUNIOR OR SENIOR OR GRAD CLASSIFICATION
 OR PERMISSION OF INSTRUCTOR
 4335005 MW 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

ADVANCED TOPICS HORT 690 VAR. CREDITS
 4348005 ARRANGED
 MEETS: JAN 8-MAY 4

RESEARCH SEMINAR HORT 696 1 CREDIT
 Satisfactory-Fail Only.
 8833005 W 4:10-5:30
 MEETS: JAN 8-MAY 4

HORT TEACH PRACTICM HORT 698 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 6171005 M 3:10-4:00
 MEETS: JAN 8-MAY 4

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

RSRCH 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 HOSPTLY INDUS HSP M 101 3 CREDITS
 7306005 1A ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M
 MAJORS ONLY
 Course delivery is WWW
 7306010 1B ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI,
 HSP M
 Course delivery is WWW

INTRO MGT U DINING HSP M 189 1 CREDIT
 8647005 T 2:10-3:00, ARRANGED GINAPP K
 MEETS: MARCH 5-MAY 4

INTR HSPLY PFM ANLY HSP M 230 3 CREDITS
 4715005 ARRANGED JEONG E
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC 1 RESTRICTED TO CUFS A, CUFS H, HSP M,
 EVENT MAJORS ONLY
 Course delivery is WWW
 4435010 2 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 2 RESTRICTED MAJORS OTHER THAN CUFS A, CUFS H
 HRI, HSP M, EVENT
 Course delivery is WWW

GLOBAL TOURISM MGT HSP M 260 3 CREDITS
 Note: Meets international perspectives reqmt
 6738005 1 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO EVENT, HSP M MAJORS ONLY
 Course delivery is WWW
 6738010 2 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 2 FOR MAJORS OTHER THAN EVENT, HSP M
 Course delivery is WWW

CONTRMPRARY CLUB MGT HSP M 289 3 CREDITS
 Prereq: HSP M 101
 9247005 1A MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO HRI, HSP M MAJORS ONLY
 9247010 1B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

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 8-MAY 4
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M
 MAJORS ONLY
 9570010 1B MW 2:10-3:30
 MEETS: JAN 8-MAY 4
 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 KRAMER J
 MEETS: JAN 8-MAY 4

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 KRAMER J
 MEETS: JAN 8-MAY 4
 4359010 2 WF 10:00-1:00 KRAMER J
 MEETS: JAN 8-MAY 4
 4359015 3 TR 4:15-7:15PM
 MEETS: JAN 8-MAY 4

INTRO WINE, BEER, SPI HSP M 383 2 CREDITS
 Prereq: MUST BE AT LEAST 21 YEARS OLD
 4108005 1A R 3:40-5:30 BURGER S
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO CUFS A, CUFS H, HRI,
 HSP M, EVENT MAJORS ONLY
 4108010 1B R 3:40-5:30 BURGER S
 MEETS: JAN 8-MAY 4
 Note: SEC 1B FOR MAJORS OTHER THAN CUFS A, CUFS H
 EVENT, HRI, HSP M
 4108015 2A T 3:40-5:30 BURGER S
 MEETS: JAN 8-MAY 4
 Note: SEC 2A RESTRICTED TO CUFS A, CUFS H, HRI,
 HSP M, EVENT MAJORS ONLY
 4108020 2B T 3:40-5:30 BURGER S
 MEETS: JAN 8-MAY 4
 Note: SEC 2B FOR MAJORS OTHER THAN CUFS A, CUFS 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 BURGER S
 MEETS: JAN 8-MAY 4

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 WOHLSDORF-ARENDDT
 MEETS: JAN 8-MAY 4

CASE STDI EVENT MGT HSP M 431X 3 CREDITS
 5023005 M 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 Note: THERE WILL BE A \$50 FEE FOR TRAVEL RELATED EXPENSES

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 8-MAY 4

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 8-MAY 4

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 8-MARCH 2

IND ST HOSPLITY MGT HSP M 490B VAR. CREDITS
 Prereq: PROGRAM APPROVAL
 Note: NO MORE THAN 9 TOTAL CREDITS OF HSP M 290 AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HSP M 490D VAR. CREDITS
 Prereq: PROGRAM APPROVAL
 Note: NO MORE THAN 9 TOTAL CREDITS OF HSP M 290 AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FOODSRVC OP HSP M 490E VAR. CREDITS
 Prereq: PROGRAM APPROVAL
 Note: NO MORE THAN 9 TOTAL CREDITS OF HSP M 290 AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HSP M 490H VAR. CREDITS
 Prereq: PROGRAM APPROVAL, FULL MEMBERSHIP IN HONORS PROGRAM
 Note: COURSE IS RESTRICTED TO UNIVERSITY HONORS STUDENTS. NO MORE THAN 9 TOTAL CREDITS OF HSP M 290 AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURR ISS HSPLTY MGT HSP M 506 1 CREDIT
 3458005 1 ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: Course delivery is WWW

CASE STDI EVENT MGT HSP M 531X 3 CREDITS
 5066005 M 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 Note: THERE WILL BE A \$50 FEE FOR TRAVEL RELATED EXPENSES

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 8-MAY 4

TOURISM MGT&TR BHVR HSP M 560X 3 CREDITS
 Prereq: HSP M 260 OR EQUIVALENT
 9986005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW

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

HOSPITALITY MANAGEMENT (CONTINUED)

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

METHDS HUMAN&CMPUTR HCI 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7055005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 7055605 XE ARRANGED
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC A FOR MAJORS OTHER THAN COM S, E CPE MAJORS ONLY
 9226605 XE ARRANGED HARDING C
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

COMPUTATNL PERCEPTN HCI 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 3245005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

DESIGN AND ETHICS HCI 589 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 4956600 XE ARRANGED CANNIFFE B
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

SPECIAL TOPICS HCI 590 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM HUMN CPR NTRACT HCI 591 1 CREDIT
 Note: COURSE OFFERED FOR 1 CREDIT
 3509005 A F 12:10-1:00
 MEETS: JAN 8-MAY 4
 3509605 XE ARRANGED OLIVER J
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

CREATIVE COMPONENT HCI 599 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV LRN ENVIR DSGN HCI 603 3 CREDITS
 Prereq: C I 503
 1844005 M 5:10-8:00PM
 MEETS: JAN 8-MAY 4

HUMAN COMPUTER INTERACTION (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 DENLINGER M
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

3491005 1A TR 9:30-10:50 BALTIMORE D
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO COLLEGE OF HUMAN SCIENCES
 MAJORS ONLY.

3491010 1B TR 9:30-10:50 BALTIMORE D
 MEETS: JAN 8-MAY 4

3491020 2B MWF 2:10-3:00 RILEY K
 MEETS: JAN 8-MAY 4

PRO PRIN WRK W CHLD HD FS 103 .5 CREDIT
 Note: CREDIT FOR EITHER HD FS 103 OR HD FS 105, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 COURSE RESTRICTED TO CH FS, ECE, P ECP, E C P,
 FCEDS MAJORS ONLY
 Satisfactory-Fail Only.

4950005 ARRANGED LUZE G
 MEETS: JAN 8-MAY 4

PRO PRIN WRK W ADLT HD FS 105 .5 CREDIT
 Note: CREDIT FOR EITHER HD FS 103 OR HD FS 105, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 COURSE RESTRICTED TO CH FS, ECE, E C P, P ECP &
 FCEDS MAJORS ONLY
 Satisfactory-Fail Only.

4951005 ARRANGED LUZE G
 MEETS: JAN 8-MAY 4

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 8-MAY 4

PRSNL FIN ERLY ADLT HD FS 183 1 CREDIT
 Satisfactory-Fail Only.

7594600 XK ARRANGED BARTHOLOMAE S
 MEETS: JAN 8-MAY 4
 Note: Section XK is off campus
 Course delivery is WWW

7594605 XU ARRANGED BARTHOLOMAE S
 MEETS: MARCH 5-MAY 4
 Note: Section XU is off campus
 Course delivery is WWW

ECE TEACHER ORIENTN HD FS 208 1 CREDIT
 Note: COURSE RESTRICTED TO ECE MAJORS ONLY
 Satisfactory-Fail Only.

4390005 W 1:10-2:00
 MEETS: JAN 8-MAY 4

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 BALTIMORE D
 MEETS: JAN 8-MAY 4

CHILD DEVELP&HEALTH HD FS 223 3 CREDITS
 1239600 XW ARRANGED SHEDD C
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

DEVELPMT BIRTH-8YRS HD FS 224 3 CREDITS
 Note: SEC 5 RESTRICTED TO CH FS, ECE, FCEDS MAJORS

7011030 6 TR 12:40-2:00 HUGHES-BELDING K
 M 3:10-5:00 HUGHES-BELDING K
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

Note: SEC 10 RESTRICTED TO CH FS, ECE, FCEDS MAJORS

7011055 11 TR 12:40-2:00 LIPPARD C
 M 9:00-11:00 LIPPARD C
 MEETS: JAN 8-MAY 4

7011060 12 TR 12:40-2:00 LIPPARD C
 T 9:00-11:00 LIPPARD C
 MEETS: JAN 8-MAY 4

7011065 13 TR 12:40-2:00 LIPPARD C
 W 9:00-11:00 LIPPARD C
 MEETS: JAN 8-MAY 4

7011070 14 TR 12:40-2:00 LIPPARD C
 R 9:00-11:00 LIPPARD C
 MEETS: JAN 8-MAY 4

7011075 15 TR 12:40-2:00 LIPPARD C
 F 9:00-11:00 LIPPARD C
 MEETS: JAN 8-MAY 4

7011080 16 TR 12:40-2:00 LIPPARD C
 M 3:10-5:00 LIPPARD C
 MEETS: JAN 8-MAY 4

7011085 17 TR 12:40-2:00 LIPPARD C
 T 3:10-5:00 LIPPARD C
 MEETS: JAN 8-MAY 4

7011090 18 TR 12:40-2:00 LIPPARD C
 W 3:10-5:00 LIPPARD C
 MEETS: JAN 8-MAY 4

7011095 19 TR 12:40-2:00 LIPPARD C
 R 3:10-5:00 LIPPARD C
 MEETS: JAN 8-MAY 4

7011100 20 TR 12:40-2:00 LIPPARD C
 F 3:10-5:00 LIPPARD C
 MEETS: JAN 8-MAY 4

ADULT DEVELOPMENT HD FS 234 3 CREDITS
 Prereq: HD FS 102

3401005 1 TR 2:10-3:30 MARGRETT J
 MEETS: JAN 8-MAY 4

CONSUMER ISSUES HD FS 239 3 CREDITS
 Note: Meets U.S. diversity reqmt

3494005 MWF 1:10-2:00 HILLMAN A
 MEETS: JAN 8-MAY 4

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 CLUCAS M
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO CH FS, ECE, EL ED,
 FCEDS MAJORS ONLY

2194010 A2 TR 3:40-5:00 CLUCAS M
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN CH FS, ECE, EL ED,
 FCEDS

2194015 B1 MWF 8:00-8:50 CAMP R
 MEETS: JAN 8-MAY 4
 Note: SEC B1 RESTRICTED TO CH FS, ECE, EL ED,
 MAJORS ONLY

2194020 B2 MWF 8:00-8:50 CAMP R
 MEETS: JAN 8-MAY 4
 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 BALTIMORE D
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS &
 F C P MAJORS ONLY.

2207010 2 TR 11:00-12:15 BALTIMORE D
 MEETS: JAN 8-MAY 4
 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
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC 1 RESTRICTED TO CH FS, F C P, FCEDS
 MAJORS ONLY
 3496010 2 TR 12:40-2:00 POPILLION A
 MEETS: JAN 8-MAY 4
 3496015 3 TR 11:00-12:20 POPILLION A
 MEETS: JAN 8-MAY 4
 3496600 XJ ARRANGED STUHLSATZ G
 MEETS: JAN 8-MAY 4
 Note: Section XJ is off campus
 Course delivery is WWW
 3496605 XV ARRANGED PHAN J
 MEETS: JAN 8-MAY 4
 Note: Section XV is off campus
 Course delivery is WWW
 3496610 XW ARRANGED DISMUKES A
 MEETS: JAN 8-MAY 4
 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 STECKELBERG C
 MEETS: JAN 8-MAY 4
 3499600 XW ARRANGED STECKELBERG C
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: Department permission required 1st week.
 8686010 2 TR 3:40-4:55 LIPPARD C
 T 9:00-12:00 LIPPARD C
 MEETS: JAN 8-MAY 4
 Note: Department permission required 1st week.
 8686015 3 TR 3:40-4:55 LIPPARD C
 W 9:00-12:00 LIPPARD C
 MEETS: JAN 8-MAY 4
 Note: Department permission required 1st week.
 8686020 4 TR 3:40-4:55 LIPPARD C
 R 9:00-12:00 LIPPARD C
 MEETS: JAN 8-MAY 4
 Note: Department permission required 1st week.
 8686025 5 TR 3:40-4:55 LIPPARD C
 F 9:00-12:00 LIPPARD C
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 3414010 2 TR 2:10-3:00 CHOI J
 T 12:10-1:00 CHOI J
 MEETS: JAN 8-MAY 4
 3414015 3 TR 2:10-3:00 CHOI J
 W 12:10-1:00 CHOI J
 MEETS: JAN 8-MAY 4
 3414020 4 TR 2:10-3:00 CHOI J
 R 12:10-1:00 CHOI J
 MEETS: JAN 8-MAY 4
 3414025 5 TR 2:10-3:00 CHOI J
 F 12:10-1:00 CHOI J
 MEETS: JAN 8-MAY 4
 3414030 6 TR 2:10-3:00 CHOI J
 M 3:10-4:00 CHOI J
 MEETS: JAN 8-MAY 4
 3414035 7 TR 2:10-3:00 CHOI J
 T 3:10-4:00 CHOI J
 MEETS: JAN 8-MAY 4
 3414040 8 TR 2:10-3:00 CHOI J
 W 3:10-4:00 CHOI J
 MEETS: JAN 8-MAY 4
 3414045 9 TR 2:10-3:00 CHOI J
 R 3:10-4:00 CHOI J
 MEETS: JAN 8-MAY 4
 3414050 10 TR 2:10-3:00 CHOI J
 F 3:10-4:00 CHOI J
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: Department permission required 1st week.
 2205010 2 TR 3:40-5:00 COLBERT K
 T 9:00-12:00 COLBERT K
 MEETS: JAN 8-MAY 4
 Note: Department permission required 1st week.
 2205015 3 TR 3:40-5:00 COLBERT K
 W 9:00-12:00 COLBERT K
 MEETS: JAN 8-MAY 4
 Note: Department permission required 1st week.
 2205020 4 TR 3:40-5:00 COLBERT K
 R 9:00-12:00 COLBERT K
 MEETS: JAN 8-MAY 4
 Note: Department permission required 1st week.
 2205025 5 TR 3:40-5:00 COLBERT K
 F 9:00-12:00 COLBERT K
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: Department permission required 1st week.
 1351010 2 TR 9:30-10:50 SHEDD C
 T 2:10-5:30 SHEDD C
 MEETS: JAN 8-MAY 4
 Note: Department permission required 1st week.
 1351015 3 TR 9:30-10:50 SHEDD C
 W 2:10-5:30 SHEDD C
 MEETS: JAN 8-MAY 4
 Note: Department permission required 1st week.
 1351020 4 TR 9:30-10:50 SHEDD C
 R 2:10-5:30 SHEDD C
 MEETS: JAN 8-MAY 4
 Note: Department permission required 1st week.
 1351025 5 TR 9:30-10:50 SHEDD C
 F 2:10-5:30 SHEDD C
 MEETS: JAN 8-MAY 4
 Note: Department permission required 1st week.
 ADAPT PROG INCL SET HD FS 345 3 CREDITS
 Prereq: HD FS 224; SP ED 250
 Note: COURSE RESTRICTED TO CH FS, ECE MAJORS ONLY
 4449005 TR 12:40-2:00 LUZE G
 MEETS: JAN 8-MAY 4
 ABUSE&ILL IN FAMILI HD FS 367 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 9193005 1 MWF 11:00-11:50 NEPPL T
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS, F C P
 MAJORS ONLY
 9193600 XW ARRANGED TAYLOR A
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW
 RSEARCH METHDS HD FS 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 8-MAY 4
 3343010 2 MWF 10:00-10:50 GUDMUNSON C
 W 8:00-8:50 GUDMUNSON C
 MEETS: JAN 8-MAY 4
 3343015 3 MWF 10:00-10:50 GUDMUNSON C
 F 8:00-8:50 GUDMUNSON C
 MEETS: JAN 8-MAY 4
 DEATH PART OF LIVNG HD FS 373 3 CREDITS
 Prereq: HD FS 102
 3505600 XW ARRANGED JOYNT M
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

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 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 2213015 1R ARRANGED COLBERT K
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 2213010 2A ARRANGED KROGH J
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.
 2213020 2R ARRANGED COLBERT K
 MEETS: MARCH 5-MAY 4
 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 8-MAY 4
 PRO PRAC RFLCT:INTN HD FS 418B 2 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO CH FS, FCEDS, F C P MAJORS ONLY
 Satisfactory-Fail Only.
 3681005 W 3:10-5:00 ENLOE L
 MEETS: JAN 8-MAY 4
 PRG EVAL&PROPOS WRI HD FS 449 3 CREDITS
 Prereq: HD FS 369
 Note: COURSE RESTRICTED TO CH FS, F C P, FCEDS, KIN JR & SR'S ONLY
 2221005 1 TR 11:00-12:20 GILLIGAN M
 MEETS: JAN 8-MAY 4
 2221010 2 MWF 12:10-1:00 ZARLING A
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: Department permission required 1st week.
 2222010 2 TR 12:40-2:00 KROGH J
 T 8:00-11:50 KROGH J
 MEETS: JAN 8-MAY 4
 Note: Department permission required 1st week.
 2222015 3 TR 12:40-2:00 KROGH J
 R 8:00-11:50 KROGH J
 MEETS: JAN 8-MAY 4
 Note: Department permission required 1st week.
 2222020 4 TR 12:40-2:00 KROGH J
 F 8:00-11:50 KROGH J
 MEETS: JAN 8-MAY 4
 Note: Department permission required 1st week.
 WRK W FAM E INTERVN HD FS 456 3 CREDITS
 Prereq: HD FS 340 OR HD FS 344; OR PERMISSION OF INSTRUCTOR; CURRENT BACKGROUND CHECK
 7563005 1 TR 2:10-3:30 SHEDD C
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 ESTATE PLN FAMILIES HD FS 484 3 CREDITS
 Prereq: HD FS 283
 4052005 M 5:30-8:30PM LEE D
 MEETS: JAN 8-MAY 4
 CAPSTN FAM FIN PLAN HD FS 485 3 CREDITS
 Prereq: HD FS 283, HD FS 341, HD FS 378, HD FS 383, HD FS 482, FIN 361
 4049005 T 5:10-8:00PM FOX J
 MEETS: JAN 8-MAY 4

ADMIN HUMN SVC PROG HD FS 486 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION; 6 CREDITS IN HD FS AT 300 LEVEL AND ABOVE
 Note: COURSE RESTRICTED TO CH FS, FCEDS MAJORS ONLY
 3619005 1 MWF 1:10-2:00 ALLEN B
 MEETS: JAN 8-MAY 4
 3619010 2 TR 3:40-5:00 VAN RYSWYK J
 MEETS: JAN 8-MAY 4
 FINANC COUNSEL LAB HD FS 489L 1 CREDIT
 Prereq: HD FS 283
 8102005 1 ARRANGED STECKELBERG C
 MEETS: JAN 8-MAY 4
 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 UNIVESTY 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
 PRO DEVELP IN HD FS HD FS 502 2 CREDITS
 Prereq: GRADUATE CLASSIFICATION, HD FS 501
 3431005 T 10:00-11:50 MARTIN P
 MEETS: JAN 8-MAY 4
 APP QNTVE RSRCH MTH HD FS 505 3 CREDITS
 Prereq: HD FS 503 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO HD FS MAJORS ONLY
 7057005 1 T 1:10-4:00, ARRANGED DORIOUS C
 MEETS: JAN 8-MAY 4
 7057010 2 T 1:10-4:00, ARRANGED DORIOUS C
 MEETS: JAN 8-MAY 4
 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 M 9:00-11:40 GILLIGAN M
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO HD FS MAJORS ONLY
 7701010 2 M 9:00-11:40 GILLIGAN M
 MEETS: JAN 8-MAY 4
 Note: SEC 2 FOR MAJORS OTHER THAN HD FS
 INDIV&FAMLY AESSMNT HD FS 568 3 CREDITS
 Prereq: HD FS 510 OR PERMISSION OF INSTRUCTOR
 8132005 F 9:00-11:40 ZARLING A
 MEETS: JAN 8-MAY 4
 CROSS-CULTR PERSPCT HD FS 575 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 3556005 R 1:10-4:00 DORIOUS C
 MEETS: JAN 8-MAY 4
 FINANC COUNSEL LAB HD FS 589L 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 3510005 1 ARRANGED GUDMUNSON C
 MEETS: JAN 8-MAY 4
 SP TOP HUMAN,FAMILY HD FS 590I VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS
 INTERN HUM DV,FAMLY HD FS 591I VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS
 CREATIVE COMPONENT HD FS 599 VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS
 ADV QUALITVE METHDS HD FS 604 3 CREDITS
 Prereq: HD FS 504 OR PERMISSION OF INSTRUCTOR
 3586005 1 R 9:00-11:40 JORDAN T
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO HD FS MAJORS ONLY
 3586010 2 R 9:00-11:40 JORDAN T
 MEETS: JAN 8-MAY 4
 Note: SEC 2 FOR MAJORS OTHER THAN HD FS
 3586600 XE R 9:00-11:50 JORDAN T
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is Videostreaming

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

INDUSTRIAL DESIGN (CONTINUED)

ADV STRUC EQUA&LNGI HD FS 606 3 CREDITS
 Prereq: HD FS 603 OR STAT 404 OR PERMISSION OF INSTRUCTOR
 4011005 1 W 9:00-11:40 RUSSELL D
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO HD FS MAJORS ONLY
 4011010 2 W 9:00-11:40 RUSSELL D
 MEETS: JAN 8-MAY 4
 Note: SEC 2 FOR MAJORS OTHER THAN HD FS

INFANT MENTL HEALTH HD FS 633 3 CREDITS
 Prereq: HD FS 510 OR PERMISSION OF INSTRUCTOR
 2267600 XW ARRANGED HUGHES-BELDING K
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

ADOLESC HLTH&DEVELP HD FS 634 3 CREDITS
 Prereq: HD FS 510 OR PERMISSION OF INSTRUCTOR
 2264600 XW ARRANGED LOHMAN B
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

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 5-MAY 4
 6929010 2 T 1:10-3:00
 MEETS: MARCH 5-MAY 4
 6929015 3 W 1:10-3:00
 MEETS: MARCH 5-MAY 4
 6929020 4 M 3:10-5:00
 MEETS: MARCH 5-MAY 4
 6929025 5 T 3:10-5:00
 MEETS: MARCH 5-MAY 4
 6929030 6 W 3:10-5:00
 MEETS: MARCH 5-MAY 4

IND STDY ENTREPRNSH H SCI 490E 1- 4 CREDITS
 5101005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

IMMUNOBIOLOGY

SEMINAR IMMUNOBIOLG IMBIO 604 1 CREDIT
 5949005 ARRANGED
 MEETS: JAN 8-MAY 4

GRAD RSEARCH ROTATN IMBIO 697 VAR. CREDITS
 5991005 ARRANGED
 MEETS: JAN 8-MAY 4

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

INDUSTRIAL DESIGN

INDUS DSGN STDIO II IND D 202 6 CREDITS
 Prereq: IND D 201
 5972005 1 MWF 9:00-12:20
 MEETS: JAN 8-MAY 4
 5972010 2 MWF 1:10-4:30
 MEETS: JAN 8-MAY 4
 5972015 3 MWF 1:10-4:30
 MEETS: JAN 8-MAY 4
 5972020 4 MWF 9:00-12:20
 MEETS: JAN 8-MAY 4

CREATIV THINK IND D IND D 232 3 CREDITS
 Prereq: IND D 231
 5962005 TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 Note: OPEN SECTION RESTRICTED TO IND D MAJORS ONLY
 5962010 2 TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 Note: SEC 2 FOR MAJORS OTHER THAN IND D

SURV HOW THINGS WRK IND D 270 3 CREDITS
 4442005 TR 4:10-5:30
 MEETS: JAN 8-MAY 4

INDUS DSGN STDIO IV IND D 302 6 CREDITS
 Prereq: IND D 301 OR PERMISSION OF INSTRUCTOR
 6020005 1 MWF 9:00-12:20
 MEETS: JAN 8-MAY 4
 6020010 2 MWF 1:10-4:30
 MEETS: JAN 8-MAY 4

IND DSN MATRLS&PROC IND D 334 3 CREDITS
 Prereq: IND D 201, IND D 231
 9613005 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 Note: OPEN SECTION RESTRICTED TO IND D MAJORS ONLY
 9613010 2 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 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
 MEETS: JAN 8-MAY 4

HIST INDUS DSIGN II IND D 388 3 CREDITS
 Prereq: 30 CREDITS EARNED AT ISU
 2614005 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

INDUS DSN INTERNSHP IND D 397 6 CREDITS
 Prereq: IND D 202, 18 CR IN INDUSTRIAL DESIGN,
 PERMISSION OF INSTRUCTOR
 6164005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

SENIOR PROJECT IND D 499 6 CREDITS
 Prereq: IND D 495 OR IND D 507; SENIOR STANDING
 3037005 1 MWF 9:00-12:20
 MEETS: JAN 8-MAY 4
 3037010 2 MWF 9:00-12:20
 MEETS: JAN 8-MAY 4
 3037015 3 MWF 1:10-4:20
 MEETS: JAN 8-MAY 4
 3037020 4 MWF 1:10-4:20
 MEETS: JAN 8-MAY 4

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 8-MAY 4

INDUS DSIGN STDO II IND D 504 6 CREDITS
 Prereq: IND D 502
 5027005 MWF 1:10-4:30
 MEETS: JAN 8-MAY 4

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 8-MAY 4

DESIGN THINKING IND D 532 3 CREDITS
 Prereq: ADMISSION TO THE GRADUATE INTENSIVE
 TRACK OR GRADUATE STANDING IN THE INDUSTRIAL
 DESIGN PROGRAM
 3113005 TR 9:30-10:45
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

INDU DS VISUAL COMM IND D 540 3 CREDITS
 Prereq: ADMISSION TO THE GRADUATE INTENSIVE
 TRACK OR GRADUATE STANDING IN THE INDUSTRIAL
 DESIGN PROGRAM
 9393005 ARRANGED
 MW 9:30-11:50
 MEETS: JAN 8-MAY 4

INDUSTRIAL DESIGN (CONTINUED)

INDUSTRIAL ENGINEERING (CONTINUED)

PORTFOLIO&PRO PRCTC IND D 543 3 CREDITS
 Prereq: ADVANCED STANDING IN IND D PROGRAM
 3176005 TR 9:30-11:50
 MEETS: JAN 8-MAY 4

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 2018
 4181005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

GRADUATE PROJECT II IND D 602 6 CREDITS
 Prereq: IND D 601
 7674005 ARRANGED
 MEETS: JAN 8-MAY 4

THESIS PREPARATION IND D 632 3 CREDITS
 Prereq: IND D 631
 3001005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

THESIS IND D 699 6 CREDITS
 Prereq: IND D 632
 2151005 * ARRANGED
 MEETS: JAN 8-MAY 4

INDUSTRIAL ENGINEERING

INDUS ENGR PROFESSN I E 101 R CREDIT
 Satisfactory-Fail Only.
 4402005 T 3:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5037010 B TR 12:10-2:00 GILBERT S
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5140010 B TR 12:40-2:00 POTTER L
 MEETS: JAN 8-MAY 4

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 MIRKA G
 MEETS: JAN 8-MAY 4
 5169010 2 TR 11:00-12:25 STONE R
 MEETS: JAN 8-MAY 4

ENGR ECONOMIC ANALY I E 305 3 CREDITS
 Prereq: MATH 166
 Note: SEC A1,B1,ETC RESTRICTED TO I E MAJORS ONLY.
 SEC A2,B2,ETC FOR TO MAJORS OTHER THAN I E.
 4425005 A1 MWF 1:10-2:00 WANG L
 MEETS: JAN 8-MAY 4
 4425010 A2 MWF 1:10-2:00 WANG L
 MEETS: JAN 8-MAY 4
 4425015 B1 TR 12:40-2:00 HU G
 MEETS: JAN 8-MAY 4
 4425020 B2 TR 12:40-2:00 HU G
 MEETS: JAN 8-MAY 4
 4425600 XE ARRANGED MACKENZIE C
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

SOLIDIFICATN PROCES I E 348 3 CREDITS
 Prereq: I E 248 AND MAT E 273, 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.
 Satisfactory-Fail Only.
 5810200 1 MWF 9:00-9:50 PETERS F
 MEETS: JAN 8-MAY 4
 5810205 2 MWF 10:00-10:50 PETERS F
 MEETS: JAN 8-MAY 4
 5810005 A T 8:00-9:50 PETERS F
 MEETS: JAN 8-MAY 4
 5810010 B R 8:00-9:50 PETERS F
 MEETS: JAN 8-MAY 4
 5810015 C T 10:00-11:50 PETERS F
 MEETS: JAN 8-MAY 4

SOLIDIFICATN PROCES I E 348 3 CREDITS
 5810020 D R 10:00-11:50 PETERS F
 MEETS: JAN 8-MAY 4
 5810025 E T 1:10-3:00 PETERS F
 MEETS: JAN 8-MAY 4
 5810030 F R 1:10-3:00 PETERS F
 MEETS: JAN 8-MAY 4
 5810035 G T 3:10-5:00 PETERS F
 MEETS: JAN 8-MAY 4
 5810040 J M 1:10-3:00 PETERS F
 MEETS: JAN 8-MAY 4
 5810045 K F 1:10-3:00 PETERS F
 MEETS: JAN 8-MAY 4
 5810050 L M 3:10-5:00 PETERS F
 MEETS: JAN 8-MAY 4
 5810055 M W 3:10-5:00 PETERS F
 MEETS: JAN 8-MAY 4
 5810060 N R 3:10-5:00 PETERS F
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC A RESTRICTED TO I E & STAT MAJORS ONLY

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

ADV ENG ECNMY:CMPLX I E 405 3 CREDITS
 Prereq: I E 305, MATH 265, MATH 267, STAT 231,
 OR PERMISSION OF INSTRUCTOR
 9836005 TR 12:40-1:55 MIN K
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 4432010 B M 2:10-3:00 SLY D
 MWF 3:10-5:00 SLY D
 MEETS: JAN 8-MAY 4
 4432015 C M 2:10-3:00 SLY D
 MWF 9:00-10:50 SLY D
 MEETS: JAN 8-MAY 4

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 8-MAY 4

MANUFACT SYSTM ENGR I E 448 3 CREDITS
 Prereq: I E 248, I E 305
 6090005 A MWF 11:00-11:50 RIVERO I
 MEETS: JAN 8-MAY 4
 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 W 6:10-9:00PM MEYER Q
 MEETS: JAN 8-MAY 4

TECHNICAL SALES II I E 451 3 CREDITS
 Prereq: I E 450
 9088005 A M 6:10-9:00PM BERRY S
 MEETS: JAN 8-MAY 4
 9088600 XE ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

MULTIDISC ENGR DSGN I E 466 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF
 GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR
 1902005 A MWF 3:10-5:00
 MEETS: JAN 8-MAY 4

KNOWLEDGE DISCOVERY I E 483 3 CREDITS
 Prereq: IE 148, I E 312, STAT 231
 7175005 MWF 10:00-10:50 OLAFSSON S
 MEETS: JAN 8-MAY 4
 7175600 XE ARRANGED OLAFSSON S
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

INDEPENDENT STUDY I E 490 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING (CONTINUED)

INDEP STUDY HONORS I E 490H 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
 UNIV HONORS PROGRAM MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

MS RSRCH BASICS&CMM I E 501 R CREDIT
 Prereq: ENROLLMENT IN M.S. OR M.ENG. PROGRAM
 IN INDUSTRIAL ENGINEERING
 Satisfactory-Fail Only.
 3550600 XE ARRANGED MIRKA G
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

NETWORK ANALYSIS I E 510 3 CREDITS
 Prereq: I E 312
 4448005 TR 11:00-12:20 RYAN S
 MEETS: JAN 8-MAY 4

PRODUCTION SCHEDULG I E 514 3 CREDITS
 Prereq: I E 312, I E 341
 4451005 A MWF 9:00-9:50 HU G
 MEETS: JAN 8-MAY 4
 4451600 XE ARRANGED HU G
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

RELIABILITY I E 533 3 CREDITS
 Prereq: STAT 342 OR STAT 432 OR STAT 447
 4458005 TR 3:40-5:00
 MEETS: JAN 8-MAY 4

INVENTORY&PROD PLAN I E 541 3 CREDITS
 Prereq: I E 341
 4463005 TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 4463600 XE ARRANGED MIN K
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

RAPID PROTOTYP &MFG I E 545 3 CREDITS
 Prereq: I E 248 OR SIMILAR MANUFACTURING
 ENGINEERING COURSE; MATH 265; UNDERGRADUATES MUST
 HAVE PERMISSION OF INSTRUCTOR
 3554005 TR 11:00-12:15 MIN K
 MEETS: JAN 8-MAY 4

BIOMED DESIGN & MFG I E 547 3 CREDITS
 Prereq: TWO SEMESTERS OR LESS UNTIL GRADUATION
 2899005 A T 3:40-6:30PM RIVERO I
 MEETS: JAN 8-MAY 4

DECISN ANLY SYS DSN I E 564 3 CREDITS
 Prereq: COURSE IN PROBABILITY AND STATISTICS
 9833005 A TR 8:00-9:15 MACKENZIE C
 MEETS: JAN 8-MAY 4
 9833010 B TR 8:00-9:15 MACKENZIE C
 MEETS: JAN 8-MAY 4
 9833605 XE ARRANGED MACKENZIE C
 MEETS: JAN 8-MAY 4
 Note: THIS SECTION IS RESTRICTED TO ENG M, I E, SYS E,
 IMSE GRADUATE STUDENTS ONLY.
 Section XE is off campus
 Course delivery is WWW
 9833600 XW ARRANGED MACKENZIE C
 MEETS: JAN 8-MAY 4
 Note: CONTACT LAURIE HOIFELDT FOR PERMISSION TO
 REGISTER
 Course delivery is WWW
 Section XW is off campus
 Course delivery is WWW

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 JACKMAN J
 MEETS: JAN 8-MAY 4
 8932010 B TR 11:00-12:20 JACKMAN J
 MEETS: JAN 8-MAY 4
 8932600 XE ARRANGED JACKMAN J
 MEETS: JAN 8-MAY 4
 Note: THIS SECTION IS RESTRICTED TO ENG M, I E, SYS E,
 IMSE GRADUATE STUDENTS ONLY.
 Section XE is off campus
 Course delivery is WWW
 8932605 XW ARRANGED JACKMAN J
 MEETS: JAN 8-MAY 4
 Note: FOR PERMISSION TO REGISTER, PLEASE E-MAIL
 HOIFELDT@IASTATE.EDU
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW

INDUSTRIAL ENGINEERING (CONTINUED)

SYS ENGR&PROJCT MGT I E 570 3 CREDITS
 Prereq: COURSEWORK IN BASIC STATISTICS
 6113005 A R 6:00-9:00PM HELWIG M
 MEETS: JAN 8-MAY 4
 6113010 B R 6:00-9:00PM HELWIG M
 MEETS: JAN 8-MAY 4
 6113605 XE ARRANGED MACKENZIE C
 MEETS: JAN 8-MAY 4
 Note: THIS SECTION IS RESTRICTED TO ENG M, I E, SYS E,
 IMSE GRADUATE STUDENTS ONLY.
 Section XE is off campus
 Course delivery is WWW
 6113600 XW ARRANGED HELWIG M
 MEETS: JAN 8-MAY 4
 Note: DEPARTMENT PERMISSION TO REGISTER. CONTACT LAURIE
 HOIFELDT.
 Course delivery is WWW
 Section XW is off campus
 Course delivery is WWW

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 8-MAY 4
 5310600 XE ARRANGED DORNEICH M
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

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 8-MAY 4
 7176600 XE ARRANGED OLAFSSON S
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

SPECIAL TOPICS I E 590 1- 3 CREDITS
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

SPINE BIOMECHANICS I E 673X 3 CREDITS
 Prereq: I E 571 OR EQUIVALENT
 9844005 ARRANGED MIRKA G
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MARCH 2

CYBER DEFENS COMPET INFAS 332 1 CREDIT
 Satisfactory-Fail Only.
 2749005 ARRANGED
 MEETS: JAN 8-MAY 4

INFORMATION WARFARE INFAS 532 3 CREDITS
 Prereq: CPR E 531
 8092005 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

INFO ASSUR LEGAL&ET INFAS 534 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, CPR E 531
 INFAS 531
 Note: RESTRICTED TO E CPE, COM S, AND INFAS GRAD
 STUDENTS ONLY
 8095005 A M 6:10-9:00PM
 MEETS: JAN 8-MAY 4

STEGANOG&DGT FORNSC INFAS 535 3 CREDITS
 Prereq: MATH 307 OR COM S 330 OR E E 524
 8509005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 8509600 XE ARRANGED NEWMAN J
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

INFORMATION ASSURANCE (CONTINUED)

RVRS ENGR&SECUR TST INFAS 538 3 CREDITS
 Prereq: COM S 321 OR CPR E 381, COM S 352
 OR CPR E 308
 2788005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

DATA-DRV SECUR&PRIV INFAS 560X 3 CREDITS
 Prereq: CPR E 531; COM S 474 OR COM S 573
 9990005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

SEMNR INFO ASSURANC INFAS 592 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5025005 1 ARRANGED
 MEETS: JAN 8-MAY 4

CYBER OPS PRACTICUM INFAS 631X 3 CREDITS
 Prereq: CPR E 532, CPR E 534, INSTRUCTOR PERMISSN
 Satisfactory-Fail Only.
 7591005 ARRANGED
 MEETS: JAN 8-MAY 4

INFO ASSUR CAPSTONE INFAS 632 3 CREDITS
 Prereq: CPR E 531, CPR E 532, CPR E 534
 1893005 ARRANGED
 MEETS: JAN 8-MAY 4
 1893605 XE ARRANGED JACOBSON D
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

INTEGRATED STUDIO ARTS

CRTV VISUAL THINKNG ARTIS 201 3 CREDITS
 7938005 A ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED DSN S, I DES MAJORS ONLY
 Course delivery is WWW
 7938010 B ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR MAJORS OTHER THAN THE DESIGN
 COLLEGE
 Course delivery is WWW
 7938015 C ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW
 7938020 D ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW

STUDIO FNDMTLS:WOOD ARTIS 202 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9264005 A1 MW 8:00-10:20 MARTIN C
 F 8:00-10:20 MARTIN C
 MEETS: JAN 8-MARCH 2
 9264010 A2 MW 8:00-10:20 MARTIN C
 F 8:00-10:20 MARTIN C
 MEETS: JAN 8-MARCH 2
 9264015 B1 MW 8:00-10:20 MARTIN C
 F 8:00-10:20 MARTIN C
 MEETS: MARCH 5-MAY 4
 9264020 B2 MW 8:00-10:20 MARTIN C
 F 8:00-10:20 MARTIN C
 MEETS: MARCH 5-MAY 4

STDO FUND:JWLRY/MTL ARTIS 203 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9272005 A1 MW 1:10-3:30 MUENCH J
 F 1:10-3:30 MUENCH J
 MEETS: JAN 8-MARCH 2
 9272010 A2 MW 1:10-3:30 MUENCH J
 F 1:10-3:30 MUENCH J
 MEETS: JAN 8-MARCH 2
 9272015 B1 MW 1:10-3:30 MUENCH J
 F 1:10-3:30 MUENCH J
 MEETS: MARCH 5-MAY 4
 9272020 B2 MW 1:10-3:30 MUENCH J
 F 1:10-3:30 MUENCH J
 MEETS: MARCH 5-MAY 4

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 LILLIGREN I
 F 3:40-6:00PM LILLIGREN I
 MEETS: JAN 8-MARCH 2
 9253010 A2 MW 3:40-6:00PM LILLIGREN I
 F 3:40-6:00PM LILLIGREN I
 MEETS: JAN 8-MARCH 2
 9253015 B1 MW 3:40-6:00PM LILLIGREN I
 F 3:40-6:00PM LILLIGREN I
 MEETS: MARCH 5-MAY 4
 9253020 B2 MW 3:40-6:00PM LILLIGREN I
 F 3:40-6:00PM LILLIGREN I
 MEETS: MARCH 5-MAY 4

INTEGRATED STUDIO ARTS (CONTINUED)

STUDIO FUND:PRINTMKG ARTIS 206 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED TO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9255005 A1 MW 1:10-3:30
 F 1:10-3:30
 MEETS: JAN 8-MARCH 2
 9255010 A2 MW 1:10-3:30
 F 1:10-3:30
 MEETS: JAN 8-MARCH 2
 9255015 B1 MW 1:10-3:30
 F 1:10-3:30
 MEETS: MARCH 5-MAY 4
 9255020 B2 MW 1:10-3:30
 F 1:10-3:30
 MEETS: MARCH 5-MAY 4

COLOR ARTIS 208 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED ARTFA, ARTIS, BPM I AND BPBMI
 MAJORS ONLY.
 Instructor permission required 1st week.
 1766005 A MW 8:00-10:50 GOULD C
 MEETS: JAN 8-MAY 4

STUDIO FUND: PHOTO ARTIS 210 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED TO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9256005 A1 TR 2:10-5:20, ARRANGED CARR C
 MEETS: JAN 8-MARCH 2
 9256010 A2 TR 2:10-5:20, ARRANGED CARR C
 MEETS: JAN 8-MARCH 2
 9256015 B1 TR 2:10-5:20, ARRANGED CARR C
 MEETS: MARCH 5-MAY 4
 9256020 B2 TR 2:10-5:20, ARRANGED CARR C
 MEETS: MARCH 5-MAY 4

STUDIO FUND:CMPTURS ARTIS 212 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED TO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9257005 A1 TR 2:10-5:20 GREINER M
 MEETS: JAN 8-MARCH 2
 9257010 A2 TR 2:10-5:20 GREINER M
 MEETS: JAN 8-MARCH 2
 9257015 B1 TR 2:10-5:20 GREINER M
 MEETS: MARCH 5-MAY 4
 9257020 B2 TR 2:10-5:20 GREINER M
 MEETS: MARCH 5-MAY 4

STUDIO FUND:PAINTNG ARTIS 213 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED TO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9266005 A1 MW 8:00-10:20 WALTON B
 F 8:00-10:20 WALTON B
 MEETS: JAN 8-MARCH 2
 9266010 A2 MW 8:00-10:20 WALTON B
 F 8:00-10:20 WALTON B
 MEETS: JAN 8-MARCH 2
 9266015 B1 MW 8:00-10:20 WALTON B
 F 8:00-10:20 WALTON B
 MEETS: MARCH 5-MAY 4
 9266020 B2 MW 8:00-10:20 WALTON B
 F 8:00-10:20 WALTON B
 MEETS: MARCH 5-MAY 4

STUDIO FUND:TEXTILE ARTIS 214 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 9269005 A MWF 3:40-6:00PM GOULD C
 MEETS: JAN 8-MARCH 2
 9269010 B MWF 3:40-6:00PM GOULD C
 MEETS: MARCH 5-MAY 4
 9269015 A2 MWF 3:40-6:00PM GOULD C
 MEETS: JAN 8-MARCH 2
 9269020 B2 MWF 3:40-6:00PM GOULD C
 MEETS: MARCH 5-MAY 4

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS
 Prereq: DSN S 102, DSN S 131, DSN S 183,
 OR PERMISSION OF INSTRUCTOR
 Note: FOR MAJORS OTHER THAN ARTIS
 1983005 A MW 9:00-11:50 CARR C
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO COLLEGE OF DESIGN MAJORS

INTR CRTV DGT PHOTO ARTIS 227H 3- 4 CREDITS
 Prereq: DSN S 102, DSN S 131 AND DSN S 183
 Note: RESTRICTED TO HONORS STUDENTS OTHER THAN ARTIS
 Instructor permission required.
 5467005 A MW 9:00-11:50 CARR C
 ARRANGED
 MEETS: JAN 8-MAY 4

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

DRAWING II ARTIS 230 3 CREDITS
 Prereq: DSN S 102, DSN S 183 AND DSN S 131
 Note: Instructor permission required 1st week.
 1779005 A MW 1:10-4:00 WALTON B
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 1779010 B MW 8:00-10:50 THOMPSON N
 MEETS: JAN 8-MAY 4
 Note: SEC B RESTRICTED TO COLLEGE OF DESIGN MAJORS

WATERCOLOR PAINTING ARTIS 233 3 CREDITS
 Prereq: ARTIS 230
 Note: COURSE RESTRICTED TO ARTFA, ARTGR, ARTDN,
 ARTIS, BPM I & PBPPI MAJORS ONLY.
 Instructor permission required 1st week.
 1780005 A MW 12:10-3:00 HARRIS A
 ARRANGED HARRIS A
 MEETS: JAN 8-MAY 4

COLLAGE,ASSEM&FOUND ARTIS 305 3 CREDITS
 Prereq: 6 CREDITS OF 200 LEVEL STUDIO OR
 PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS
 Instructor permission required 1st week.
 1771005 A TR 2:10-5:00 PASCHKE T
 MEETS: JAN 8-MAY 4

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 & PBPPI MAJORS ONLY
 6423005 A MW 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO COLLEGE OF DESIGN MAJORS
 & BPM I MAJORS ONLY
 6423010 B MW 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 Note: SEC B RESTRICTED TO ARTGR MAJORS ONLY

SOURCES VISUAL DSGN ARTIS 310 3 CREDITS
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
 ARTID & ARTIS MAJORS ONLY.
 6432005 A1 MW 12:40-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO ARTFA, ARTIS MAJORS ONLY
 6432010 A2 MW 12:40-3:30
 MEETS: JAN 8-MAY 4

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 8-MAY 4

INTRO FURNITUR DSGN ARTIS 320 3 CREDITS
 Prereq: ARTIS 202 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1798005 A TR 9:30-12:20 MARTIN C
 MEETS: JAN 8-MAY 4

INTMD CERAMCS STDIO ARTIS 322 3 CREDITS
 Prereq: ARTIS 204
 Note: COURSE RESTRICTED TO ARTF, ARTIS MAJOR ONLY
 Instructor permission required 1st week.
 1799005 A TR 1:10-4:00 LILLIGREN I
 MEETS: JAN 8-MAY 4

JEWELR/METALSMTH II ARTIS 324 3 CREDITS
 Prereq: ARTIS 203 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 7237005 A MW 9:00-11:50 MUENCH J
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 TR 9:30-12:20 CARR C
 MEETS: JAN 8-MAY 4

CREATIVE PHOTOGRAPHY ARTIS 329H 3- 4 CREDITS
 Prereq: ARTIS 210 OR ARTIS 229 OR PERMISSION
 OF INSTRUCTOR
 Note: Instructor permission required.
 5734005 A TR 9:30-12:20 CARR C
 ARRANGED
 MEETS: JAN 8-MAY 4

DRAW III: LIFE DRWNG ARTIS 330 3 CREDITS
 Prereq: ARTIS 230
 Note: COURSE RESTRICTED TO ARTFA, ARTIS, BPM I &
 PBPPI MAJORS ONLY.
 Instructor permission required 1st week.
 1802005 A TR 11:00-2:00 HOLLAND B
 MEETS: JAN 8-MAY 4
 1802010 B TR 2:10-5:00 HOLLAND B
 MEETS: JAN 8-MAY 4

THREE-DIMENS STUDIO ARTIS 335 3 CREDITS
 1806005 TR 12:40-2:50
 ARRANGED
 MEETS: JAN 8-MAY 4

APP SCI ILLUST TCNQ ARTIS 337 3 CREDITS
 Prereq: ARTIS 327
 9104005 TR 2:10-5:00
 MEETS: JAN 8-MAY 4
 9104010 2 TR 11:00-1:50
 MEETS: JAN 8-MAY 4

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 & PBPPI MAJORS ONLY.
 Instructor permission required 1st week.
 7832005 A TR 2:10-5:00 JONES B
 MEETS: JAN 8-MAY 4

TEXTLE SURFACE DSGN ARTIS 346 3 CREDITS
 Prereq: ARTIS 214 OR PERMISSION OF INSTRUCTOR
 1835005 MW 12:10-3:00
 MEETS: JAN 8-MAY 4
 Note: Materials and equipment use fee \$100.00

LITHOGRAPHY:DG&TRAD ARTIS 358 3 CREDITS
 Prereq: ARTIS 206 AND CREDIT OR ENROLLMENT IN
 ARTIS 230
 Note: Instructor permission required 1st week.
 1810005 TR 9:00-11:50
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$160.00

SUSTN DSN&FB FURNIT ARTIS 360 3 CREDITS
 5944005 TR 2:10-5:00 MARTIN C
 MEETS: JAN 8-MAY 4

BFA PRO PRACTICE ARTIS 399 2 CREDITS
 Prereq: JUNIOR CLASSIFICATN IN ISA BFA CURRICULUM
 Note: COURSE RESTRICTED TO JRS & SRS
 2076005 A W 6:10-8:40PM MUENCH J
 MEETS: JAN 8-MARCH 2

PRIN 3D ANIMATION ARTIS 408 3 CREDITS
 Prereq: ARTIS 308
 Note: COURSE RESTRICTED COLLEGE OF DESIGN UNDERGRADS
 & BPM I MAJORS ONLY
 Instructor permission required 1st week.
 1834005 A TR 2:10-5:00 CALL A
 MEETS: JAN 8-MAY 4

ADV FURNITURE DSGN ARTIS 420 3 CREDITS
 Prereq: ARTIS 320
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1838005 A TR 9:30-12:20 MARTIN C
 MEETS: JAN 8-MAY 4

CERAMICS STUDIO ARTIS 422 3 CREDITS
 Prereq: ARTIS 322
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1839005 A TR 3:10-6:00PM LILLIGREN I
 MEETS: JAN 8-MAY 4

JEWELR/METLSMTH III ARTIS 424 3 CREDITS
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA & ARTIS MAJORS
 ONLY.
 Instructor permission required 1st week.
 7250005 A MW 9:00-11:50 MUENCH J
 MEETS: JAN 8-MAY 4

JEWELR/METLSMTH III ARTIS 424H 3- 4 CREDITS
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7014005 A MW 9:00-11:50 MUENCH J
 ARRANGED
 MEETS: JAN 8-MAY 4

ADVANCD PHOTOGRAPHY ARTIS 429 3 CREDITS
 Prereq: ARTIS 329
 1836005 A TR 9:30-12:20 CARR C
 MEETS: JAN 8-MAY 4

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

DRAWING ARTIS 430 3 CREDITS
 Prereq: ARTIS 330
 Note: COURSE RESTRICTED TO ARC, ARCH, ARTDN, ARTFA, ARTGR, ARTIS, BPM I, C R P, DSGNS, L A, P ARC, P LA & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1841005 A TR 9:30-12:20 JONES B
 MEETS: JAN 8-MAY 4

SEQUENT NARRTV DRAW ARTIS 432 3 CREDITS
 Prereq: DSN S 131; ARTIS 230 OR ARTIS 330 OR PERMISSION OF INSTRUCTOR
 2174005 TR 8:00-10:50 RICHARDS C
 MEETS: JAN 8-MAY 4
 Note: Materials and professional support fee \$25.00

PAINTING III ARTIS 438 3 CREDITS
 Prereq: ARTIS 338
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTID, ARTIS, BPM I, DSGNS & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 7833005 A TR 2:10-5:00 JONES B
 MEETS: JAN 8-MAY 4

PAINTING III ARTIS 438H 3- 4 CREDITS
 Prereq: ARTIS 338
 Note: Instructor permission required.
 7147005 A TR 2:10-5:00, ARRANGED JONES B
 MEETS: JAN 8-MAY 4

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 PASCHKE T
 MEETS: JAN 8-MAY 4

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 KATZ A
 MEETS: JAN 8-MAY 4

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 KATZ A
 ARRANGED
 MEETS: JAN 8-MAY 4

VIDEO ART ARTIS 473 3 CREDITS
 Prereq: ARTIS 212 OR PERMISSION OF INSTRUCTOR
 8279005 A TR 8:00-10:50 STEWART A
 MEETS: JAN 8-MAY 4

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 2018
 1855005 MW 1:10-2:30
 MEETS: JAN 8-MAY 4
 1855010 B F 9:00-11:50
 MEETS: JAN 8-MAY 4

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 \$125.00
 ***** 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 \$35.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST ILLUSTRATION ARTIS 490F 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY METALS ARTIS 490G 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTIS 490H 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 Materials and equipment use fee \$25.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY PAINTING ARTIS 490I 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU PHOTOGRAPHY ARTIS 490J 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU PRINTMAKING ARTIS 490K 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$40.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FURNITUR ARTIS 490L 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU MIXED MEDIA ARTIS 490M 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 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 JONES B
 MEETS: JAN 8-MAY 4

STUDIO INTERNSHIP ARTIS 497 1- 6 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BFA EXHIBITION ARTIS 499 1 CREDIT
 Prereq: ARTIS 399 AND SENIOR CLASSIFICATION IN THE ISA BFA CURRICULUM
 Note: COURSE RESTRICTED TO SENIORS
 1708005 A W 7:10-8:40PM MUENCH J
 MEETS: MARCH 5-MAY 4

INTEGRATED MEDIA ARTIS 505 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: Instructor permission required 1st week.
 7553005 A MW 12:10-3:00 PASCHKE T
 MEETS: JAN 8-MAY 4

CPTR AID ANIMAT&VIS ARTIS 508 3 CREDITS
 Prereq: ARTIS 408 OR GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED COLLEGE OF DESIGN
 Instructor permission required 1st week.
 8265005 A TR 2:10-5:00 CALL A
 MEETS: JAN 8-MAY 4

SEMINAR IN TEACHING ARTIS 511 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 9849005 T 5:30-8:30PM KATZ A
 MEETS: JAN 8-MAY 4

ADV FURNITURE DSIGN ARTIS 520 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 Note: Instructor permission required 1st week.
 1895005 A TR 9:30-12:20 MARTIN C
 MEETS: JAN 8-MAY 4

CERAMICS STUDIO ARTIS 522 3 CREDITS
 Prereq: GRAD CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 1896005 A TR 3:10-6:00PM LILLIGREN I
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

INTEGRATED STUDIO ARTS (CONTINUED)

JEWEL&DEC METAL III ARTIS 524 3 CREDITS
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 7255005 A MW 9:00-11:50 MUENCH J
 MEETS: JAN 8-MAY 4

ADVANCED PHOTOGRAPHY ARTIS 529 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 7399005 A TR 9:30-12:20 CARR C
 MEETS: JAN 8-MAY 4

DRAWING ARTIS 530 3 CREDITS
 Prereq: ARTIS 330
 Note: Instructor permission required 1st week.
 7747005 A TR 9:30-12:20 JONES B
 MEETS: JAN 8-MAY 4

SEQUENT NARRTV DRAW ARTIS 532 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 9741005 TR 8:00-10:50 RICHARDS C
 MEETS: JAN 8-MAY 4

ADVANCED PAINTING ARTIS 538 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF
 INSTRUCTOR
 Note: Instructor permission required 1st week.
 7826005 A TR 2:10-5:00 JONES B
 MEETS: JAN 8-MAY 4

DIGITL TXTILE DSGN ARTIS 548 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: TOPIC: DIGITAL TEXTILE DESIGN
 2451005 A TR 9:30-12:20 PASCHKE T
 MEETS: JAN 8-MAY 4

LITHOGRAPHY:DG&TRAD ARTIS 558 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTR PERMISSN
 Note: Instructor permission required 1st week.
 7750005 MW 9:00-11:50 KATZ A
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$160.00

VIDEO ART ARTIS 573 3 CREDITS
 Prereq: GRAD STANDING OR PERMISSION OF INSTRUCTOR
 2387005 A TR 8:00-10:50 STEWART A
 MEETS: JAN 8-MAY 4

TOPICS STUDIO ART ARTIS 582 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE TOPIC: DIGITAL DRAWING
 COURSE OFFERED FOR 3 CREDITS SPRING 2018
 1870005 MW 1:10-2:30, ARRANGED
 MEETS: JAN 8-MAY 4

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 \$125.00

 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 \$35.00

 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

INTEGRATED STUDIO ARTS (CONTINUED)

SPECL TOPICS METALS ARTIS 590G VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS PAINTING ARTIS 590I VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRINTMAKING ARTIS 590K VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$40.00

 SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS FURNITUR ARTIS 590L VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIXED MEDIA ARTIS 590M VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Materials and equipment use fee \$25.00

 SEE DEPT FOR REFERENCE NUMBERS

STUDIO INTERNSHIP ARTIS 697 VAR. CREDITS
 2663005 A ARRANGED
 MEETS: JAN 8-MAY 4

RESEARCH: THESIS ARTIS 699A VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

RESRCH:THESIS EXHIB ARTIS 699B VAR. CREDITS
 Note: Materials and equipment use fee \$25.00-\$1,100.00

 SEE DEPT FOR REFERENCE NUMBERS

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS
 4480005 ARRANGED
 MEETS: JAN 8-MAY 4

THESIS RESEARCH IGS 699 VAR. CREDITS
 4481005 ARRANGED
 MEETS: JAN 8-MAY 4

INTERIOR DESIGN

FRCE SHAPE INT SPCE ARTID 255 3 CREDITS
 4259005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

GRPH COM INT DSN II ARTID 263 3 CREDITS
 Prereq: 261, ENROLLMENT IN 267
 Note: COURSE RESTRICTED TO ARTID MAJORS
 2177005 A MW 8:00-8:50
 MW 9:00-11:50
 MEETS: JAN 8-MAY 4

2177010 B MW 8:00-8:50
 MW 9:00-11:50
 MEETS: JAN 8-MAY 4

INTERIOR DESIGN (CONTINUED)

INT DSGN 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
 T 11:00-11:50
 MEETS: JAN 8-MAY 4

1714010 B TR 12:10-3:00
 T 11:00-11:50
 MEETS: JAN 8-MAY 4

1714015 C TR 12:10-3:00
 T 11:00-11:50
 MEETS: JAN 8-MAY 4

1714020 D TR 12:10-3:00
 T 11:00-11:50
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

HEALTH &SAFETY SYST ARTID 351 3 CREDITS
 Note: COURSE RESTRICTED TO ARTID MAJORS
 Instructor permission required 1st week.

1683005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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 RAVEN D
 MEETS: JAN 8-MAY 4

INT DSN HIST/THRY I ARTID 355 3 CREDITS
 Note: Instructor permission required 1st week.

1689005 A TR 3:40-5:00
 MEETS: JAN 8-MAY 4

SOPH INTERNSH SEMNR ARTID 360 1 CREDIT
 Prereq: SOPH CLASSIF IN INTERIOR DESIGN PROGRAM
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.

1818005 A W 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO SOPHOMORES ONLYRS

JUNIOR INTERN SEMNR ARTID 361 1 CREDIT
 Prereq: JUNIOR CLASSIFICATION IN INTERIOR DESIGN PROGRAM

6463005 M 12:10-1:00 FORD M
 MEETS: JAN 8-MAY 4

INT DESIGN STDIO IV ARTID 367 4 CREDITS
 Prereq: ARTID 365
 Note: Instructor permission required 1st week.

1817005 A T 9:00-10:50
 R 8:00-11:50
 T 8:00-8:50
 MEETS: JAN 8-MAY 4

1817010 B T 9:00-10:50
 R 8:00-11:50
 T 8:00-8:50
 MEETS: JAN 8-MAY 4

1817015 C T 9:00-10:50
 R 8:00-11:50
 T 8:00-8:50
 MEETS: JAN 8-MAY 4

1817020 D T 9:00-10:50
 R 8:00-11:50
 T 8:00-8:50
 MEETS: JAN 8-MAY 4

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
 R 9:00-11:50
 R 8:00-8:50, ARRANGED
 MEETS: JAN 8-MAY 4

INT DSN PRO PRACTCE ARTID 461 2 CREDITS
 Prereq: ARTID 460
 Note: COURSE RESTRICTED TO ARTID MAJORS
 Instructor permission required 1st week.

1847005 R 3:40-6:40PM
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

INTERIOR DESIGN (CONTINUED)

INT DSN URBAN SETNG ARTID 468 3 CREDITS
 Prereq: CR OR ENROLLMT IN 3RD-YEAR STUDIO COURSES
 2062005 MW 10:00-11:20
 MEETS: JAN 8-MAY 4

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 8-MAY 4

8035800 FR ARRANGED CAGLEY L
 MEETS: JAN 16-22
 Note: SEC FR TAUGHT IN PARIS, FRANCE. SENIOR INTERIOR DESIGN WORKSHOP IN PARIS. STUDY ABROAD SPRING 2018 Study Abroad Administrative Fee Applies

DSGN HUMANC SENSORY ARTID 551A 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION

8255005 TR 5:10-6:30PM
 MEETS: JAN 8-MAY 4

DSGN MTHDS:PROC ALT ARTID 552D 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

1824005 M 5:30-7:30PM
 MEETS: JAN 8-MAY 4

ID TEACHNG PRACTICM ARTID 554 3 CREDITS
 Prereq: ARTID 668 AND PERMISSION OF INSTRUCTOR

4283005 ARRANGED
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

ADV STUDI DSGN THRY ARTID 569A 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR

7179005 TR 12:10-1:30
 MEETS: JAN 8-MAY 4

ADV STDI:SUSTBL DSN ARTID 569C 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR

1723005 MW 8:00-9:50
 MEETS: JAN 8-MAY 4

SPECIAL TOPICS ARTID 590 VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN INTERIOR DSGN OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD AREA. WRITTEN APPROVAL OF INSTR & DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

ADVANCED TOPICS ARTID 690 VAR. CREDITS
 Prereq: MFA CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTID 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH:THESIS-EXH ARTID 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNATIONAL STUDIES

INTRO INT'L STUDIES INTST 235 3 CREDITS
 Note: Meets international perspectives reqmt

9582005 1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

9582010 2 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

9582015 3 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

STDY ABROAD SOC SCI INTST 395E 1- 4 CREDITS
 Note: Instructor permission required.

7940800 EN ARRANGED LEPTIEN J
 MEETS: JAN 9-MARCH 18
 Note: SEC EN TAUGHT IN LONDON/LIVERPOOL, ENGLAND. HERE, THERE & EVERYWHERE: BEATLES STUDY ABROAD. OFFERED FOR 2 CREDITS SPRING 2018 Study Abroad Administrative Fee Applies

INTERNATIONAL STUDIES (CONTINUED)

SEMNR INT'L STUDIES INTST 430 3 CREDITS
 Prereq: INTST 235, JUNIOR CLASSIFICATION OR HIGHER
 Note: Meets international perspectives reqmt
 9583005 1A TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO INTST MAJORS
 9583010 1B TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

THINK GLOBALLY INTST 491 1 CREDIT
 Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD AND/OR INTERNSHIP ABOARD
 Satisfactory-Fail Only.
 3467005 1 MWF 11:10-2:00
 MEETS: JAN 8-MARCH 2

ITALIAN

INTENS BEGN ITALIAN ITAL 107X 4 CREDITS
 9528005 1 MTRW 10:00-10:50
 MEETS: JAN 8-MAY 4

JOURNALISM & MASS COMMUNICATION

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS
 4656005 1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO ADVRT, JL MC, P R MAJORS ONLY.
 4656010 2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 2 FOR MAJORS OTHER THAN ADVRT, JL MC.

JOURNLS&COMM ORIENT JL MC 110 1 CREDIT
 Satisfactory-Fail Only.
 4657005 1 T 8:00-9:20
 MEETS: JAN 8-MAY 4
 4657010 2 R 9:30-10:50
 MEETS: JAN 8-MAY 4
 4657015 3 T 9:30-10:50
 MEETS: JAN 8-MAY 4

REPORT&WRIT MASS MD JL MC 201 3 CREDITS
 Prereq: CLASSIFICATION IN A GREENLEE SCHOOL MAJOR OR PERMISSION OF DEPARTMENT; PASS DEPARTMENTAL ASSESSMENT EXAM IN LANGUAGE SKILLS BEFORE REGISTRNG; ENGL 250; CREDIT OR ENROLLMENT IN JL MC 110
 Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS ONLY
 4658005 1 MW 8:00-10:10
 ARRANGED
 MEETS: JAN 8-MAY 4
 4658010 2 MW 8:00-10:10
 ARRANGED
 MEETS: JAN 8-MAY 4
 4658015 3 TR 12:40-2:50
 ARRANGED
 MEETS: JAN 8-MAY 4
 4658020 4 TR 9:50-12:00
 MEETS: JAN 8-MAY 4
 4658025 5 TR 10:20-12:30
 ARRANGED
 MEETS: JAN 8-MAY 4
 4658030 6 TR 10:20-12:30
 ARRANGED
 MEETS: JAN 8-MAY 4
 4658035 7 TR 4:10-6:20PM
 ARRANGED
 MEETS: JAN 8-MAY 4
 4658040 8 TR 8:00-10:10
 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 8 RESTRICTED TO AG COLLEGE MAJORS

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
 MEETS: JAN 8-MAY 4
 4673010 1B MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

JOURNALISM & MASS COMMUNICATION (CONTINUED)

INT REPORT MASS MED JL MC 302 3 CREDITS
 Prereq: JL MC 110; JL MC 201 WITH A GRADE OF C+ OR BETTER
 4659005 1 MW 3:10-5:00
 MEETS: JAN 8-MAY 4
 4659010 2 MW 12:40-2:30
 MEETS: JAN 8-MAY 4

ELECTRON MEDIA WRIT JL MC 303 3 CREDITS
 Prereq: JL MC 110; JL MC 201 WITH A GRADE OF C+ OR BETTER
 8511005 1 MW 10:00-11:50
 MEETS: JAN 8-MAY 4
 8511010 2 MW 8:00-9:50
 MEETS: JAN 8-MAY 4

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 2:10-4:00
 MEETS: JAN 8-MAY 4

DIGITL VIDEO PRODUC JL MC 307 3 CREDITS
 Prereq: CLASSIFICATION IN A GREENLEE SCHOOL MAJOR
 4727005 1 MW 12:10-1:00
 F 8:00-9:50
 MEETS: JAN 8-MAY 4
 4727010 2 MW 12:10-1:00
 F 10:00-11:50
 MEETS: JAN 8-MAY 4
 4727015 3 MW 12:10-1:00
 F 12:10-2:00
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

FUND PHOTOJOURNALISM JL MC 310 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO JL MC, ADVRT P R MAJORS EQUIPMENT PURCHASE MAY BE REQUIRED.
 8688005 1 MW 12:10-2:20
 MEETS: JAN 8-MAY 4
 8688010 2 MW 2:30-4:40
 MEETS: JAN 8-MAY 4

MULTIMEDIA PRODUCTN JL MC 315 3 CREDITS
 Prereq: JL MC 308 OR JL MC 310 OR JL MC 316 OR EQUIVALENT COMPUTER DESIGN PROFICIENCY
 Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS ONLY
 4663005 1 TR 12:10-2:00
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4
 5325010 2 TR 9:50-11:30
 MEETS: JAN 8-MAY 4
 5325015 3 TR 8:00-9:40
 MEETS: JAN 8-MAY 4
 5325020 4 TR 12:20-2:00
 MEETS: JAN 8-MAY 4

MOBILE DVIC PUBLISHG JL MC 317 3 CREDITS
 Prereq: JL MC 316 OR EQUIV COMPUTER DESIGN PROFICIENCY; JL MC 310 OR JL MC 315
 5330005 1 TR 3:10-5:25
 MEETS: JAN 8-MAY 4

PUBL AFFAIRS REPORT JL MC 346 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 302 OR P R 321
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS.
 4675005 1 TR 2:10-4:00
 MEETS: JAN 8-MAY 4

SCIENCE COMMUNICATN JL MC 347 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 302 OR P R 321. NONMAJORS AND MINORS BY PERMISSION OF INSTRUCTOR.
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
 4676005 1 MW 12:10-2:00
 MEETS: JAN 8-MAY 4

NEWS&FEATUR EDITING JL MC 349 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 302 OR P R 321
 Note: COURSE RESTRICTED TO ADVRT, JL MC P R MAJORS ONLY. TOPIC: PRINT EDITING
 4677005 1 TR 10:00-11:50
 MEETS: JAN 8-MAY 4

JOURNALISM & MASS COMMUNICATION (CONTINUED)

JOURNALISM & MASS COMMUNICATION (CONTINUED)

PRO SKILL DEVEL:MAP JL MC 390A 1 CREDIT
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR PERMISSION FOR NONMAJORS
 9706005 1 ARRANGED
 MEETS: JAN 8-MAY 4

PRO SKIL:FASHN WRIT JL MC 390J 3 CREDITS
 9780005 1A MW 2:40-3:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO ADVRT, JL MC, P R MAJORS ONLY
 9780010 1B MW 2:40-3:50
 MEETS: JAN 8-MAY 4
 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
 MEETS: JAN 8-MAY 4

MASS COMMUNICAT LAW JL MC 460 3 CREDITS
 Prereq: JL MC 110, C+ OR BETTER IN JL MC 201, JUNIOR CLASSIFICATION, NONMAJORS MUST HAVE PERMISSION OF THE DEPARTMENT
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R JUNIORS & SENIORS ONLY
 4688005 1 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 4688010 2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

MEDIA ETHICS,FREEDM JL MC 462 3 CREDITS
 Prereq: JL MC 110, C+ OR BETTER IN JL MC 201, CLASSIFICATION IN A GREENLEE SCHOOL MAJOR
 Note: COURSE RESTRICTED JUNIORS AND ABOVE.
 4690005 1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

JOURNALISM & LIT JL MC 464 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 4691005 1 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

INDEP STDY CMUNCATN JL MC 490 VAR. CREDITS
 Prereq: JUNIOR CLASSIFICATION AND CONTRACT WITH SUPERVISING PROFESSOR TO REGISTER
 Note: NO MORE THAN 3 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC MAGZN PUBL JL MC 497C 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9911005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

SPL TOP COMPUT COMM JL MC 497J 3 CREDITS
 9907005 A1 MW 4:10-5:50
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R MAJORS ONLY
 9907010 A2 MW 4:10-5:50
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN ADVRT, JL MC, P R

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
 9904005 MW 4:10-5:30
 MEETS: JAN 8-MAY 4

ADV RES MTHDS:QUALV JL MC 504X 3 CREDITS
 Prereq: JL MC 502 OR EQUIVALENT RESEARCH METHODS COURSE
 9905005 R 5:40-8:30PM
 MEETS: JAN 8-MAY 4

MEDIA MANAGEMENT JL MC 506 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 1813005 1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

STRATEG OF COMMUNIC JL MC 510 3 CREDITS
 Prereq: JL MC 501
 4730005 1 TR 4:10-5:30
 MEETS: JAN 8-MAY 4

PUBLIC RELA THRY&MTH JL MC 520 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 4731005 1 T 5:40-8:30PM
 MEETS: JAN 8-MAY 4

SCIENCE COMMUNICATN JL MC 547 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, NONMAJORS AND MINORS MUST HAVE PERMISSION OF INSTRUCTOR.
 7316005 1 MW 12:10-2:00
 MEETS: JAN 8-MAY 4

COMM TECH&SOC CHANG JL MC 574 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 4736005 1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SPICALZ JL MC 590B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP RSRCH MTHD JL MC 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TECHNQ&STYLE JL MC 590D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP SPLZ COMMUNC JL MC 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESNL INTERNSHIP JL MC 591 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT JL MC 599 VAR. CREDITS
 Prereq: APPROVED CREDIT COMPONENT PROPOSAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH JL MC 699 VAR. CREDITS
 Prereq: APPROVED THESIS PROPOSAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY

SWIMMING I KIN 101 1 CREDIT
 Satisfactory-Fail Only.
 5660005 1 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

SWIMMING II KIN 102 1 CREDIT
 Prereq: KIN 101 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5661005 1 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

AQUATIC FITNESS KIN 108 1 CREDIT
 Prereq: KIN 102 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5665005 1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

BADMINTON KIN 122 1 CREDIT
 Satisfactory-Fail Only.
 5671005 1 MWF 9:00-10:20
 MEETS: JAN 8-MARCH 2
 Note: MATERIALS, EQUIPMENT FEE \$25.00
 5671010 2 MWF 10:30-11:50
 MEETS: JAN 8-MARCH 2
 Note: MATERIALS, EQUIPMENT FEE \$25.00

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

BOWLING KIN 129 1 CREDIT
 Satisfactory-Fail Only.
 5675005 1 MW 9:00-9:50
 MEETS: JAN 8-MAY 4
 5675010 2 MW 10:00-10:50
 MEETS: JAN 8-MAY 4
 5675015 3 MW 11:00-11:50
 MEETS: JAN 8-MAY 4
 5675020 4 TR 9:30-10:20
 MEETS: JAN 8-MAY 4
 5675025 5 TR 11:00-11:50
 MEETS: JAN 8-MAY 4
 5675030 6 TR 12:40-1:30
 MEETS: JAN 8-MAY 4

GOLF KIN 135 1 CREDIT
 Satisfactory-Fail Only.
 5678005 1 MWF 8:00-9:20 MURDOCH A
 MEETS: MARCH 5-MAY 4
 5678010 2 MWF 9:30-10:50 MURDOCH A
 MEETS: MARCH 5-MAY 4
 5678015 3 MWF 11:00-12:20 MURDOCH A
 MEETS: MARCH 5-MAY 4

RACQUETBALL KIN 144 1 CREDIT
 Satisfactory-Fail Only.
 5683005 1 MW 9:00-9:50
 MEETS: JAN 8-MAY 4
 5683010 2 MW 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MARCH 2

TENNIS KIN 158 1 CREDIT
 Satisfactory-Fail Only.
 5690005 1 MWF 9:30-10:50
 MEETS: MARCH 5-MAY 4
 5690010 2 MWF 11:00-12:20
 MEETS: MARCH 5-MAY 4
 5690015 3 MWF 12:30-2:00
 MEETS: MARCH 5-MAY 4

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 8-MAY 4

WALKING FOR FITNESS KIN 164 1 CREDIT
 Satisfactory-Fail Only.
 8867005 1 MWF 9:00-10:05
 MEETS: MARCH 5-MAY 4
 8867010 2 MWF 11:00-12:05
 MEETS: MARCH 5-MAY 4
 8867015 3 TR 9:30-11:05
 MEETS: MARCH 5-MAY 4
 8867020 4 TR 11:00-12:35
 MEETS: MARCH 5-MAY 4

RUNNING FOR FITNESS KIN 165 1 CREDIT
 Satisfactory-Fail Only.
 5343005 1 MWF 8:00-9:20
 MEETS: MARCH 5-MAY 4

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 8-MAY 4
 5696010 2 MW 10:00-10:50
 MEETS: JAN 8-MAY 4
 5696015 3 MW 11:00-11:50
 MEETS: JAN 8-MAY 4
 5696020 4 MW 12:10-1:00
 MEETS: JAN 8-MAY 4
 5696025 5 MW 1:10-2:00
 MEETS: JAN 8-MAY 4

JUDO KIN 168 1 CREDIT
 Satisfactory-Fail Only.
 5353005 1 TR 9:00-9:50 HAMANN M
 MEETS: JAN 8-MAY 4

TAEKWONDO/KARATE I KIN 170 1 CREDIT
 Satisfactory-Fail Only.
 5700005 1 MW 9:00-9:50 HAMANN M
 MEETS: JAN 8-MAY 4
 5700010 2 MW 10:00-10:50 HAMANN M
 MEETS: JAN 8-MAY 4
 5700015 3 MW 11:00-11:50 HAMANN M
 MEETS: JAN 8-MAY 4

TAEKWONDO/KARATE II KIN 171 1 CREDIT
 Prereq: 170
 Satisfactory-Fail Only.
 5701005 1 TR 10:00-10:50 HAMANN M
 MEETS: JAN 8-MAY 4

HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
 Satisfactory-Fail Only.
 5702005 1 TR 11:00-11:50 HAMANN M
 MEETS: JAN 8-MAY 4

VOLLEYBALL KIN 182 1 CREDIT
 Satisfactory-Fail Only.
 5710005 1 TR 11:00-11:50
 MEETS: JAN 8-MAY 4
 5710010 2 TR 12:10-1:00
 MEETS: JAN 8-MAY 4
 5710015 3 TR 1:10-2:00
 MEETS: JAN 8-MAY 4

SOCCER KIN 185 1 CREDIT
 Satisfactory-Fail Only.
 5712005 1 TR 10:00-10:50
 MEETS: JAN 8-MAY 4

CNCPTS FITNSS&WELLN KIN 210 2 CREDITS
 8843005 1 ARRANGED WELK G
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWV

SCHOOL PHY ACT PROG KIN 214X 1 CREDIT
 Prereq: FRESHMAN CLASSIFICATION
 Satisfactory-Fail Only.
 4672005 1 ARRANGED WELK G
 MEETS: JAN 8-MAY 4

FUND INDIVIDL SPORT KIN 236 1 CREDIT
 Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
 Note: COURSE RESTRICTED TO HHP, KIN H MAJORS ONLY. FOR STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. Instructor permission required 1st week.
 9620005 1 TR 12:10-2:00 SMITH J
 MEETS: JAN 8-MAY 4

PLAN SUCCESS HEALTH KIN 242X .5 CREDIT
 Prereq: KIN H MAJOR IN PHP OPTION WITH SOPHOMORE CLASSIFICATION OR ABOVE
 Satisfactory-Fail Only.
 4697005 1 R 2:10-3:00 WISSINK M
 MEETS: JAN 8-MARCH 2
 4697010 2 F 1:10-2:00 WISSINK M
 MEETS: JAN 8-MARCH 2

KINESIOLGY PROFSSNS KIN 252 1 CREDIT
 7415005 1 ARRANGED DUKES L
 MEETS: JAN 8-MAY 4
 7415010 2 ARRANGED DUKES L
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 7498010 2 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWV

PHYS FITNESS & COND KIN 258 2 CREDITS
 Prereq: MAJOR IN KINESIOLOGY OR HEALTH ONLY
 Note: SEC 1A, 2A ETC RESTRICTED TO A TR, PDEXA, PDEXH, HHP, KIN H, P ATR MAJORS ONLY. SEC 1B, 2M FOR MAJORS OTHER THAN A TR, PDEXA, PDEXH, HHP, KIN H, P ATR MAJORS.
 CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 5732005 1A TR 8:00-8:50, ARRANGED
 MEETS: JAN 8-MAY 4
 5732010 1B TR 8:00-8:50, ARRANGED
 MEETS: JAN 8-MAY 4
 5732015 2A TR 9:00-9:50, ARRANGED
 MEETS: JAN 8-MAY 4
 5732020 2B TR 9:00-9:50, ARRANGED
 MEETS: JAN 8-MAY 4
 5732025 3A TR 10:00-10:50
 ARRANGED
 MEETS: JAN 8-MAY 4
 5732030 3B TR 10:00-10:50
 ARRANGED
 MEETS: JAN 8-MAY 4
 5732035 4A TR 11:00-11:50
 ARRANGED
 MEETS: JAN 8-MAY 4
 5732040 4B TR 11:00-11:50
 ARRANGED
 MEETS: JAN 8-MAY 4
 5732045 5A TR 12:10-1:00
 ARRANGED
 MEETS: JAN 8-MAY 4

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

PHYS FITNESS & COND KIN 258 2 CREDITS
 5732050 5B TR 12:10-1:00
 ARRANGED
 MEETS: JAN 8-MAY 4
 5732055 6A TR 1:10-2:00, ARRANGED
 MEETS: JAN 8-MAY 4
 5732060 6B TR 1:10-2:00, ARRANGED
 MEETS: JAN 8-MAY 4
 5732065 7A TR 2:10-3:00, ARRANGED
 MEETS: JAN 8-MAY 4
 5732070 7B TR 2:10-3:00, ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 9622010 2 W 1:10-2:00 WERSTEIN K
 M 3:10-5:00 WERSTEIN K
 MEETS: JAN 8-MAY 4

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 WERSTEIN K
 ARRANGED
 MEETS: JAN 8-MAY 4
 7421010 2 TR 9:30-10:50 ANDERSON A
 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5736010 2 R 8:00-11:30 GROTE L
 MEETS: JAN 8-MAY 4

FIELD EXP SECDY 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 8-MAY 4
 Note: Instructor permission required 1st week.
 7699010 2 R 8:00-11:30 GROTE L
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

FLD EXP EDUC OTRCH 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 8-MAY 4

ELEM&PRESCH MVMT ED KIN 284 3 CREDITS
 Prereq: 3 CREDITS IN HUMAN DEVL & 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 8-MAY 4
 5737010 2 TR 8:00-10:50 VAZOU S
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: Instructor permission required.

INDEPENDENT STUDY KIN 290 1 CREDIT
 Note: Instructor permission required.

 SEE DEPT FOR REFERENCE NUMBERS

SECDY PHYSICAL EDUC KIN 313 3 CREDITS
 Prereq: ADMISSION TO EDUCATOR PREPARATION
 PROGRAM; KIN 281
 5756005 1 MW 2:10-3:00 GUNDLACH K
 R 8:00-10:50 GUNDLACH K
 MEETS: JAN 8-MAY 4
 5756010 2 MW 2:10-3:00 GUNDLACH K
 F 8:00-10:50 GUNDLACH K
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

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 8-MAY 4

BIOMECHANICS KIN 355 3 CREDITS
 Prereq: PHYS 111 OR PHYS 115
 5752005 1 MWF 8:00-8:50 MARTIN P
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 D EXH, PDEXH JRS & SRS, KIN H & FSHNH GRADS.
 5752010 2 MWF 8:00-8:50 MARTIN P
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN A TR,
 D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH. JRS &
 ABOVE ONLY.

SOC SPORT & EXERCISE KIN 360 3 CREDITS
 Prereq: SOC 134, STAT 101 OR 104 OR 226/326;
 OR KIN 471
 5753005 1 F 10:00-10:50 COFFMAN H
 ARRANGED COFFMAN H
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH,
 PDEXA, P ATR, PDEXH JRS & SRS, KIN H, FSHNH
 GRADS
 5753010 2 F 11:00-11:50 COFFMAN H
 ARRANGED COFFMAN H
 MEETS: JAN 8-MAY 4
 Note: SEC 2 RESTRICTED TO A TR, D EXA, D EXH, PDEXA,
 P ATR, PDEXA, PDEXH JRS & SRS, KIN H MAJORS.
 5753015 3 F 11:00-11:50 COFFMAN H
 ARRANGED COFFMAN H
 MEETS: JAN 8-MAY 4
 Note: SEC 3 OPEN TO MAJORS OTHER THAN A TR, D EXA,
 D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH
 5753020 4 F 11:00-11:50 COFFMAN H
 ARRANGED COFFMAN H
 MEETS: JAN 8-MAY 4
 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, ARRANGED WERSTEIN K
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 PDEXA, PDEXH JRS & SRS, KIN H MAJORS.
 5754010 2 W 2:10-3:00, ARRANGED WERSTEIN K
 MEETS: JAN 8-MAY 4
 Note: SEC 2 OPEN TO MAJORS OTHER THAN A TR, D EXA,
 D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH

EXERCISE PSYCHOLOGY KIN 366 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 7190005 1 TR 11:00-12:20 EKKEKAKIS P
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO A TR, C H E, PDEXA, PDEXH,
 P ATR, JRS & SRS, KIN H MAJORS ONLY.
 7190010 2 TR 11:00-12:20 EKKEKAKIS P
 MEETS: JAN 8-MAY 4
 Note: SEC FOR JRS 7 SRS OTHER THAN C H E,
 PDEXA, PDEXH, OR KIN H MAJORS

KINESIOLOGY

(CONTINUED)

KINESIOLOGY

(CONTINUED)

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 8-MAY 4
 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 8-MAY 4
 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 8-MARCH 2
 5761010 2 F 1:10-2:00, ARRANGED POWER D
 MEETS: JAN 8-MARCH 2

SRV LRN LEADSHP EXP KIN 391 1- 3 CREDITS
 Satisfactory-Fail Only.
 6691005 1 ARRANGED WELK G
 MEETS: JAN 8-MAY 4

SUPV TCHG-SECONDARY KIN 417 VAR. CREDITS
 Prereq: KIN 281, KIN 282, KIN 313, KIN 355, KIN 395, KIN 471, KIN 475; ADMISSION TO TEACHER EDUCATION; APPROVAL BEFORE ENROLLING IN THE COURSE.
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM Department permission required.
 5764010 1A ARRANGED LIPSEY H
 MEETS: JAN 8-MARCH 2
 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 8-MARCH 2
 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 5-MAY 4
 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 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.

SUPR TCHG-ELEMENTARY KIN 418 8 CREDITS
 Prereq: KIN 280, KIN 282, KIN 312, KIN 355, KIN 395, KIN 471, KIN 475, MUST BE FULLY ADMITTED TO TEACHER EDUCATION AND MUST APPLY FOR APPROVAL TO ENROLL AT THE BEGIN OF SEMESTER PRIOR TO REGISTERING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM Department permission required.
 5765005 1A ARRANGED LIPSEY H
 MEETS: JAN 8-MARCH 2
 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 8-MARCH 2
 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 5-MAY 4
 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 5-MAY 4
 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 8-MAY 4

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 8-MAY 4
 5767010 2 MWF 1:10-2:00 FRANKE W
 T 3:10-5:00 FRANKE L
 MEETS: JAN 8-MAY 4
 5767015 3 MWF 1:10-2:00 FRANKE W
 T 11:00-1:00 FRANKE L
 MEETS: JAN 8-MAY 4

PRIN FITNESS ASSESS KIN 458 4 CREDITS
 5767020 4 MWF 1:10-2:00 FRANKE W
 T 5:10-7:00PM
 MEETS: JAN 8-MAY 4
 5767025 5 MWF 10:00-10:50 ANDERSON A
 R 5:10-7:00PM
 MEETS: JAN 8-MAY 4
 5767030 6 MWF 10:00-10:50 ANDERSON A
 R 1:10-3:00 FRANKE L
 MEETS: JAN 8-MAY 4
 5767035 7 MWF 10:00-10:50 FRANKE W
 R 11:00-1:00 FRANKE L
 MEETS: JAN 8-MAY 4
 5767040 8 MWF 10:00-10:50 FRANKE W
 R 3:10-5:00 FRANKE L
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 5763010 2 MWF 2:10-3:00 SHARP R
 MEETS: JAN 8-MAY 4
 5763015 3 TR 8:00-9:20 VALENTINE R
 MEETS: JAN 8-MAY 4

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 8-MAY 4

MEASUREM IN PHY ED KIN 471 3 CREDITS
 Prereq: ADMISSION TO EDUCATOR PREPARATION PROGRAM, KIN 280 OR KIN 281
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 7432005 1 MWF 1:10-2:00 PITCHFORD E
 MEETS: JAN 8-MAY 4

NEURL BASIS HUM MVT KIN 472 3 CREDITS
 Prereq: KIN 372 OR PSYCH 310
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR KIN, KIN H, P DEXA, PDEXH JR & SRS.
 7322005 TR 2:10-3:20 SMILEY-OYEN A
 MEETS: JAN 8-MAY 4

FUNCTIONAL ANATOMY KIN 480 3 CREDITS
 Prereq: KIN 355; BIOL 155 OR BIOL 255 AND BIOL 256
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR KIN, KIN H, P DEXA, PDEXH JR & SRS.
 6175005 1 TR 11:00-12:20 DERRICK T
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: Department permission required.

IND STUDY EXER&SPRT KIN 490A 1- 3 CREDITS
 Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS KIN 490H 1- 2 CREDITS
 Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRA MOTV INTVW:PRIN KIN 494A 1 CREDIT
 Prereq: JUNIOR/SENIOR STATUS AND PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 9731005 ARRANGED ELLINGSON L
 MEETS: JAN 8-MAY 4

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

PRA MOTV INTVW: SUPV KIN 494B 1 CREDIT
 Prereq: KIN 494A, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 9729005 ARRANGED ELLINGSON L
 MEETS: JAN 8-MAY 4

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 8-MAY 4

QUAN ANLY HUMAN MOV KIN 516 3 CREDITS
 Prereq: KIN 355
 5801005 TR 2:10-3:30 DERRICK T
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$25.00

STDT TEACH ELEM P E KIN 518 8 CREDITS
 Prereq: KIN 512, KIN 570, KIN 575
 7443005 1A ARRANGED
 MEETS: JAN 8-MAY 4
 7443010 2A ARRANGED
 MEETS: JAN 8-MAY 4

STDT TEACH SECD P E KIN 519 8 CREDITS
 Prereq: KIN 512, KIN 570, KIN 575
 7448005 1A ARRANGED
 MEETS: JAN 8-MAY 4
 7448010 2A ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

MEASUREMT IN PHY ED KIN 571 3 CREDITS
 Prereq: ADMISSION TO EDUCATOR PREPARATION PROGRAM
 7459005 1 MWF 1:10-2:00 PITCHFORD E
 MEETS: JAN 8-MAY 4

SPECIAL TOPICS P E KIN 590A 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO KIN 590B 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 590D 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT SOCIO KIN 590E 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH KIN 590F 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR BEHAV KIN 590G 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS KIN 590H 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH ETHCS KIN 590I 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E KIN 591A 1- 6 CREDITS
 Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUP FLD EXP EX PHYS KIN 591D 1- 6 CREDITS
 Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTCM COLLEG TCHG KIN 592 1- 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT KIN 599 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR KIN 615 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2018
 Instructor permission required 1st week.
 5812005 F 1:10-2:00 MARTIN P
 MEETS: JAN 8-MAY 4

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
 9947005 ARRANGED SHIRTCLIFF B
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 4767010 2 MW 1:10-5:20 SCHUNK L
 F 4:10-5:20 SCHUNK L
 F 1:10-3:50 SCHUNK L
 MEETS: JAN 8-MAY 4

DIGTL DSN MTHDS L A L A 211 3 CREDITS
 9796005 W 11:00-11:50 WESTORT C
 F 10:00-11:50 WESTORT C
 MEETS: JAN 8-MAY 4

INTRDUCD PLT MIDWST L A 222 3 CREDITS
 Prereq: L A 221
 Note: Instructor permission required 1st week.
 4774005 T 12:40-1:30 STEVENS J
 T 1:40-4:00 STEVENS J
 R 2:10-4:00 STEVENS J
 MEETS: JAN 8-MAY 4

SOCIAL&BEHAV LNDSCP 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 8-MAY 4

LANDSCAPE DYNAMICS L A 282 3 CREDITS
 Prereq: SOPHOMORE STANDING
 4263005 T 11:00-11:50 SCHUCKERT S
 R 11:00-12:50 SCHUCKERT S
 MEETS: JAN 8-MAY 4

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 SCHUCKERT S
 F 4:10-5:20 SCHUCKERT S
 MW 1:10-5:20 SCHUCKERT S
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

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 ROGERS C
 MEETS: JAN 8-MAY 4

CONTEMP LANDSC ARCH L A 341 1 CREDIT
 Prereq: L A 301
 6119005 M 12:10-1:00 MARTIN M
 MEETS: JAN 8-MAY 4

HIST MODRN LANDSCAP L A 371 3 CREDITS
 4662005 TR 9:30-10:50 SCHUNK L
 MEETS: JAN 8-MAY 4

ADV LAND ARC DESIGN L A 404 6 CREDITS
 Prereq: L A 401
 Note: Instructor permission required 1st week.
 4781005 ARRANGED
 MEETS: JAN 8-MAY 4
 4781800 IT ARRANGED
 MEETS: JAN 8-APRIL 27
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2018.
 OFFERED FOR 6 CREDITS
 Materials, field trips &/or travel fee
 \$25.00-\$750.00
 Study Abroad Administrative Fee Applies

LANDSCAPE ARCHITECTURE (CONTINUED)

LANDSCAPE ARCHITECTURE (CONTINUED)

ADV LAND ARC DESIGN L A 404H 6- 7 CREDITS
 Prereq: L A 401. MEMBERSHIP IN UNIV HONORS PROGRAM.
 Note: Instructor permission required.
 7150005 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

LAND ARCH INTERNSHP L A 444A R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR
 3036005 ARRANGED ROGERS C
 MEETS: JAN 8-MAY 4

L ARCH STUDY ABROAD L A 444B R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR
 6212005 ARRANGED ROGERS C
 MEETS: JAN 8-MAY 4

LA NAT'L STDT XCHNG L A 444C R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR
 6213005 ARRANGED ROGERS C
 MEETS: JAN 8-MAY 4

WEB MAPPING/GIS L A 458 3 CREDITS
 Prereq: C R P 451 OR C R P 551, L A 302, GEOL 452 OR GEOL 552 OR INSTRUCTOR PERMISSION
 9864005 ARRANGED SEEGER C
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW

TOPIC HIST/THRY/CRT L A 478D 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION
 Note: TOPIC: LANDSCAPE INFRASTRUCTURE & RESILIBAT CITIES. COURSE OFFERED FOR 3 CREDITS SPRING 2018
 3917800 IT ARRANGED
 MEETS: JAN 8-APRIL 27
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF DESIGN IN ROME' ARCHITECTURE, SPRING 2018. OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

ADV LNDSCP CONSTRUC L A 482 3 CREDITS
 Prereq: L A 481
 8224005 TR 11:00-12:30 SCHUCKERT S
 MEETS: JAN 8-MAY 4

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

ENVIRONMTL LAW&PLAN L A 491 3 CREDITS
 Prereq: 6 CREDITS IN NATURAL SCIENCES
 3551005 W 5:10-8:00PM
 MEETS: JAN 8-MAY 4

FIELD TRAVEL L A 509 1 CREDIT
 Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 8788005 ARRANGED
 MEETS: JAN 8-MAY 4

DESIGN INQUIRY L A 541 3 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 4806005 TR 11:00-12:30 YOST B
 MEETS: JAN 8-MAY 4

PROFESSIONL PRACTCE L A 542 2 CREDITS
 Note: Instructor permission required 1st week.
 3451005 M 10:00-11:50 ROGERS C
 MEETS: JAN 8-MAY 4

COLLOQUIM I - RSRCH L A 543 1 CREDIT
 Prereq: GRADUATE STANDING
 Satisfactory-Fail Only.
 9821005 R 12:40-1:50 ENGLER M
 MEETS: JAN 8-MAY 4

WEB MAPPING/GIS L A 558 3 CREDITS
 Prereq: C R P 451 OR C R P 551, L A 302, GEOL 452 OR GEOL 552 OR INSTRUCTOR PERMISSION
 4024005 ARRANGED SEEGER C
 MEETS: JAN 8-MAY 4

DIGTL DSN MTH L ARC L A 559 3 CREDITS
 9822005 TR 11:00-12:30 WESTORT C
 MEETS: JAN 8-MAY 4

THESIS,CRTV CMP,TUT L A 580 1- 4 CREDITS
 Prereq: PERMISSION OF MAJOR PROFESSOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCPE STRUCTURES L A 587X 3 CREDITS
 9936005 TR 2:40-4:00, ARRANGED BILLICK K
 MEETS: JAN 8-MAY 4

SPL TOP LANDSC DSGN L A 590A 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN L A 590B 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN L A 590C 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY L A 590D 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

(CONTINUED)

SPL TOP LANDSC PLAN L A 590E 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSIGN L A 590F 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS L A 590G 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP L A 590I 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI L A 590J 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL L A 590K 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECO DESIGN L A 590L 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL/BEHV L A 590M 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NATU RESRCE L A 590N 1- 6 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN L A 591 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2350005 W 5:10-8:00PM
 MEETS: JAN 8-MAY 4

ENVIR JUSTC BUILT E L A 594 3 CREDITS
 Prereq: GRADUATE STANDING OR SENIOR CLASSIFICATN
 4164005 R 5:10-8:00PM SHIRTCLIFF B
 MEETS: JAN 8-MAY 4

CREATIVE COMPONENT L A 599 1- 8 CREDITS
 Prereq: PERMISSION OF MAJOR PROF
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

STDO II:LANDFORM&PL L A 602 6 CREDITS
 Prereq: L A 601
 9824005 MWF 1:10-3:00 YOST B
 MEETS: JAN 8-MAY 4

STDO IV:CITY MATTRS L A 604 6 CREDITS
 Prereq: L A 603
 4029005 ARRANGED, TR 8:00-1:00 ENGLER M
 MEETS: JAN 8-MAY 4

THESIS RESEARCH L A 699 1- 8 CREDITS
 Prereq: PERMISSION OF MAJOR PROFESSOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LATIN

ELEMENTARY LATIN II LATIN 102 4 CREDITS
 Prereq: LATIN 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL LATIN MAY NOT ENROLL IN 102. STUDENTS WHO HAVE COMPLETED MORE THAN 1 YEAR BUT LESS THAN 3 YEARS OF H.S. LATIN ARE REQUIRED TO TAKE 1ST YR TESTOUT EXAM. Meets international perspectives reqmt
 4855005 1 MTWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 4855010 2 MTWF 2:10-3:00
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY LATIN 490 1- 6 CREDITS
 Prereq: 6 CR IN LATIN; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN LATIN 490 MAY BE APPLIED TOWARD GRADUATION.
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LEADERSHIP STUDIES

LEADNG WITH PURPOSE LD ST 122 1 CREDIT
 9525005 A W 3:10-5:00 SHAMBURGER K
 MEETS: MARCH 5-MAY 4
 Note: SEC A FOR STUDENTS IN THE MEN OF COLOR ORGANIZATION

9525010 B T 6:10-8:00PM BOULDEN B
 MEETS: JAN 8-MARCH 2
 Note: SEC B FOR GREEK AFFAIRS

CAMPUS LDRSHP DEVEL LD ST 270 3 CREDITS
 9524005 TR 12:40-2:00 MANNING-OUELLETT
 MEETS: JAN 8-MAY 4

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 WIDNER T
 MEETS: JAN 8-MAY 4
 4949010 2 TR 12:40-2:00 SNYDER-YULY J
 MEETS: JAN 8-MAY 4
 4949015 3 TR 11:00-12:20 WIDNER T
 MEETS: JAN 8-MAY 4
 4949605 XW ARRANGED MANNING-OUELLETT
 MEETS: JAN 8-MAY 4
 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 11:00-12:20 WINFREY K
 MEETS: JAN 8-MAY 4

SPL TOPC: LEADERSHP LD ST 370X 1- 3 CREDITS
 9937600 XW ARRANGED WIDNER T
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

LEADR CAPSTONE SMNR LD ST 422 3 CREDITS
 Prereq: LD ST 322
 3700005 1 TR 9:00-10:50 MANNING-OUELLETT
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY LD ST 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LEARNING AND LEADERSHIP SCIENCES

DEVEL RSPNSBL LRNRS L L S 114 2 CREDITS
 Prereq: L L S 112
 3589005 A W 4:10-6:00PM
 MEETS: JAN 8-MAY 4

PROB SOLV &ACT PLAN L L S 312 2 CREDITS
 Prereq: L L S 212
 3592005 ARRANGED
 MEETS: JAN 8-MAY 4

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 W 4:10-5:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 7465010 2 T 4:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

LIBERAL ARTS & SCIENCES (CONTINUED)

LIBRARY (CONTINUED)

BOLD LRNG CMM SEMNR LAS 106 1 CREDIT
 Prereq: MEMBERSHIP IN THE BOLD LEARNING COMMUNITY
 Satisfactory-Fail Only.
 4031005 1 W 4:10-5:25
 MEETS: JAN 8-APRIL 6
 Note: Instructor permission required.

SPECIAL PROJECTS LAS 290D 1- 3 CREDITS
 Prereq: PERMISSION OF THE COLLEGE OF LAS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 298 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES;
 LAS MAJORS; SOPHOMORE CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 398 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES;
 LAS MAJORS; JUNIOR CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LAS LAW LAS 400 R CREDIT
 Note: College permission required.
 9763005 A ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC A DRAKE LAW SCHOOL
 9763010 B ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC B UNIVERSITY OF IOWA LAW SCHOOL

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. 17; THURS.,
 JAN. 18; WED., MARCH 21; OR THURS., MARCH 22,
 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 8-MARCH 2
 4862010 2 M 10:00-10:50
 ARRANGED
 MEETS: JAN 8-MARCH 2
 4862015 3 M 11:00-11:50
 ARRANGED
 MEETS: JAN 8-MARCH 2
 4862020 4 M 1:10-2:00, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862025 5 M 2:10-3:00, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862030 6 T 9:00-9:50, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862035 7 T 10:00-10:50
 ARRANGED
 MEETS: JAN 8-MARCH 2
 4862040 8 T 11:00-11:50
 ARRANGED
 MEETS: JAN 8-MARCH 2
 4862045 9 T 1:10-2:00, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862050 10 T 2:10-3:00, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862055 11 W 9:00-9:50, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862060 12 W 10:00-10:50
 ARRANGED
 MEETS: JAN 8-MARCH 2

INFORMATN LITERACY LIB 160 1 CREDIT
 4862065 13 W 11:00-11:50
 ARRANGED
 MEETS: JAN 8-MARCH 2
 4862070 14 W 1:10-2:00, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862075 15 W 2:10-3:00, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862080 16 R 9:00-9:50, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862085 17 R 10:00-10:50
 ARRANGED
 MEETS: JAN 8-MARCH 2
 4862090 18 R 11:00-11:50
 ARRANGED
 MEETS: JAN 8-MARCH 2
 4862095 19 R 1:10-2:00, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862100 20 R 2:10-3:00, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862105 21 F 9:00-9:50, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862110 22 F 10:00-10:50
 ARRANGED
 MEETS: JAN 8-MARCH 2
 4862115 23 F 11:00-11:50
 ARRANGED
 MEETS: JAN 8-MARCH 2
 4862120 24 F 1:10-2:00, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862125 25 F 2:10-3:00, ARRANGED
 MEETS: JAN 8-MARCH 2
 4862130 26 M 9:00-9:50, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862135 27 M 10:00-10:50
 ARRANGED
 MEETS: MARCH 5-MAY 4
 4862140 28 M 11:00-11:50
 ARRANGED
 MEETS: MARCH 5-MAY 4
 4862145 29 M 1:10-2:00, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862150 30 M 2:10-3:00, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862155 31 T 9:00-9:50, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862160 32 T 10:00-10:50
 ARRANGED
 MEETS: MARCH 5-MAY 4
 4862165 33 T 11:00-11:50
 ARRANGED
 MEETS: MARCH 5-MAY 4
 4862170 34 T 1:10-2:00, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862175 35 T 2:10-3:00, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862180 36 W 9:00-9:50, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862185 37 W 10:00-10:50
 ARRANGED
 MEETS: MARCH 5-MAY 4
 4862190 38 W 11:00-11:50
 ARRANGED
 MEETS: MARCH 5-MAY 4
 4862200 39 W 1:10-2:00, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862205 40 W 2:10-3:00, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862210 41 R 9:00-9:50, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862215 42 R 10:00-10:50
 ARRANGED
 MEETS: MARCH 5-MAY 4
 4862220 43 R 11:00-11:50
 ARRANGED
 MEETS: MARCH 5-MAY 4
 4862225 44 R 1:10-2:00, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862230 45 R 2:10-3:00, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862235 46 F 9:00-9:50, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862240 47 F 10:00-10:50
 ARRANGED
 MEETS: MARCH 5-MAY 4
 4862245 48 F 11:00-11:50
 ARRANGED
 MEETS: MARCH 5-MAY 4
 4862250 49 F 1:10-2:00, ARRANGED
 MEETS: MARCH 5-MAY 4
 4862255 50 F 2:10-3:00, ARRANGED
 MEETS: MARCH 5-MAY 4

LINGUISTICS

INTRO STDY LINGUIST LING 101 1 CREDIT
 7490005 A TR 3:40-4:30
 MEETS: JAN 8-MARCH 2

INTRO WORLD LANGUAG LING 119 3 CREDITS
 Note: Meets international perspectives reqmt
 6257005 1A MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
 6257010 1B MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

INTR SYMBOLIC LOGIC LING 207 3 CREDITS
 8592005 TR 12:40-2:00 BUTLER A
 MEETS: JAN 8-MAY 4

INTRO LINGUISTICS LING 219 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 8593005 A MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 8593010 B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC B RESTRICTED TO ENGL, LING SOPH & ABOVE
 8593015 C TR 2:10-3:30
 MEETS: JAN 8-MAY 4

DESCRP ENGL GRAMMAR LING 220 3 CREDITS
 Prereq: ENGL 250
 8594005 A MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 8594010 B TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 8594015 C TR 12:40-2:00
 MEETS: JAN 8-MAY 4

INTRO COMM DISORDER LING 275 3 CREDITS
 8596005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

TOPC LINGUIST STRUC LING 320X 3 CREDITS
 Prereq: ENGL 219 OR LING 219, ENGL 220 OR
 LING 220
 9917005 A MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

LANGUAGE & SOCIETY LING 322 3 CREDITS
 Prereq: ENGL 219 OR LING 219
 3104005 A MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

TEACH ESL:ORAL COMM LING 325 3 CREDITS
 Prereq: ENGL 219 OR LING 219
 3218005 A MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

THEORY OF COMPUTING LING 331 3 CREDITS
 Prereq: COM S 228, COM S 229, COM S 330 OR CPR E
 310; MATH 166, ENGL 250
 8601005 A MWF 10:00-10:50 LUTZ J
 MEETS: JAN 8-MAY 4
 8601100 1 T 9:00-9:50
 MEETS: JAN 8-MAY 4
 8601105 2 R 3:10-4:00
 MEETS: JAN 8-MAY 4
 8601110 3 T 10:00-10:50
 MEETS: JAN 8-MAY 4

INTR SPANSH PHONOLG LING 352 3 CREDITS
 Prereq: SPAN 301, SPAN 303, OR SPAN 304
 Note: Meets international perspectives reqmt
 3492005 1 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

INTR SPN-ENG INTERP LING 354 3 CREDITS
 Prereq: SPAN 351
 Note: Meets international perspectives reqmt
 9274005 1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

PHONETICS&PHONOLOGY LING 371 3 CREDITS
 Prereq: CMDIS 275 OR ENGL 219
 8595005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

LANGUAGE AS DATA LING 410X 3 CREDITS
 Prereq: JUNIOR STANDING
 9914005 A TR 9:30-10:50
 MEETS: JAN 8-MAY 4

PSYCH OF LANGUAGE LING 413 3 CREDITS
 Prereq: PSYCH 101
 8603005 A1 MWF 10:00-10:50 RICHIE C
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 8603010 A2 MWF 10:00-10:50 RICHIE C
 MEETS: JAN 8-MAY 4
 Note: SEC A2 RESTRICTED TO LING MAJORS
 8603015 A3 MWF 10:00-10:50 RICHIE C
 MEETS: JAN 8-MAY 4
 Note: SEC A3 FOR MAJORS OTHER THAN PSYCH OR
 LING

LINGUISTICS

(CONTINUED)

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 8-MAY 4

WOMEN,MEN&ENGL LANG LING 422 3 CREDITS
 Prereq: ENGL 219
 Note: Meets U.S. diversity reqmt
 3612005 A TR 11:00-12:20
 MEETS: JAN 8-MAY 4

2ND LANG LRNG&TCHNG LING 425 3 CREDITS
 Prereq: ENGL 219, JUNIOR CLASSIFICATION
 9594005 A MW 4:10-5:30
 MEETS: JAN 8-MAY 4

IND STU LINGUISTICS LING 490B VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
 TO THE TOPIC, JR CLASSIFICATION, PERMISSION OF THE
 UNDERGRADUATE STUDIES COMMITTEE
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LING ANTHR LING 490D 1- 5 CREDITS
 Prereq: 9 CREDITS IN ANTHROPOLOGY
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANGU ASSESS PRACTM LING 513 3 CREDITS
 Prereq: ENGL 519
 9060005 A ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

SOCIOLINGUISTICS LING 514 3 CREDITS
 Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
 8619006 A TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

2ND LANUAGE ASSESSM LING 519 3 CREDITS
 Prereq: ENGL 511
 9070005 A MW 9:30-10:50
 MEETS: JAN 8-MAY 4

DISCOURSE ANALYSIS LING 527 3 CREDITS
 Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 2238005 A TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO ENGL GRADS ONLY

SPECIFIC PURPO ENGL LING 528 3 CREDITS
 Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
 9071005 A MW 2:10-3:30
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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

CPTR-ASIST LANG TST LING 626 3 CREDITS
 Prereq: ENGL 510, ENGL 511, ENGL 519
 9074005 A MW 11:00-12:20
 MEETS: JAN 8-MAY 4

SMNR APPLD LINGUIST LING 630 3 CREDITS
 Prereq: ENGL 510, ENGL 511
 6567005 S M 5:10-8:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

MANAGEMENT

ENTREPRENRSH&INNOV MGMT 310 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, 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 8-MAY 4

5318010 A2 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

5318015 B1 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

5318020 B2 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

5318025 C1 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4

5318030 C2 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4

5318035 D1 T 6:40-9:25PM
 MEETS: JAN 8-MAY 4

5318040 D2 T 6:40-9:25PM
 MEETS: JAN 8-MAY 4

5318045 E1 TR 12:40-1:55
 MEETS: JAN 8-MAY 4

5318050 E2 TR 12:40-1:55
 MEETS: JAN 8-MAY 4

FEASIB ANLY&BUS PLN MGMT 313 3 CREDITS
 Prereq: MGMT 310
 Note: SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS 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 8-MAY 4

6779010 A2 T 6:40-9:25PM
 MEETS: JAN 8-MAY 4

6779015 B1 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

6779020 B2 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

CORPORATE ENTREPREN MGMT 320X 3 CREDITS
 Prereq: MGMT 310
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS OTHER THAN P BUS

4578005 A MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

INT'L ENTREPRENRSH MGMT 367 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE INCLUDES A REQUIRED STUDY ABROAD TRIP TO ITALY DURING SPRING BREAK 2018. FOR MORE INFORMATION & TO REGISTER CONTACT TAYLOR SHIRE -TSHIRE@IASTATE.EDU RESTRICTED SOPH OR ABOVE EXCEPT P BUS WHO ARE PARTICIPATING IN STUDY ABROAD. Meets international perspectives reqmt Department permission required.

9427005 A TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS
 Prereq: ECON 101 OR ECON 102
 Note: A-G & K-N RESTRICTED TO ACCT, AN S, AST, AG B AG SO, BUS S, BUS U, BUSEC, DY S, HORT, ENTSP, FIN, FS A, I TEC, I BUS, MGMT, MIS, MKT, SCM MAJORS ONLY. COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

5282005 A MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

5282010 B MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

5282015 C TR 11:00-12:15
 MEETS: JAN 8-MAY 4

5282020 D MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

5282025 E TR 8:00-9:15
 MEETS: JAN 8-MAY 4

5282030 F TR 9:30-10:45
 MEETS: JAN 8-MAY 4

5282035 G TR 12:40-2:00
 MEETS: JAN 8-MAY 4

5282040 J MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

Note: SEC J RESTRICTED TO ANY MAJOR OTHER THAN BUSINESS COLLEGE & AG B, AN S, AST, AGSO, FS A, HORT, I R, I TEC MAJORS

5282045 K TR 12:40-1:55
 MEETS: JAN 8-MAY 4

5282050 L MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

5282055 M TR 3:40-4:55
 MEETS: JAN 8-MAY 4

5282060 N W 6:40-9:25PM
 MEETS: JAN 8-MAY 4

MANAGEMENT

(CONTINUED)

ORGANIZATNAL BEHAVR MGMT 371 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: SEC A1,B1 RESTRICTED ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS. 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 8-MAY 4

5283010 A2 M 6:40-9:25PM
 MEETS: JAN 8-MAY 4

5283015 B1 TR 9:30-10:45
 MEETS: JAN 8-MAY 4

5283020 B2 TR 9:30-10:45
 MEETS: JAN 8-MAY 4

5283025 C1 TR 2:10-3:25
 MEETS: JAN 8-MAY 4

5283030 C2 TR 2:10-3:25
 MEETS: JAN 8-MAY 4

RESPONSBL MGT BSNSS MGMT 372 3 CREDITS
 Prereq: PHIL 230
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS OTHER THAN P BUS. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

7048005 A TR 2:10-3:25
 MEETS: JAN 8-MAY 4

7048010 B TR 11:00-12:15
 MEETS: JAN 8-MAY 4

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, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

5285005 A1 W 6:40-9:25PM
 MEETS: JAN 8-MAY 4

5285010 A2 W 6:40-9:25PM
 MEETS: JAN 8-MAY 4

5285015 B1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

5285020 B2 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

5293005 A1 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4

5293010 A2 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4

5293015 B1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

5293020 B2 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

MANAGE OF DIVERSITY MGMT 472 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION Meets U.S. diversity reqmt

4444005 A1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

Note: SEC A1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY.

4444010 A2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

Note: SEC A2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE

4444015 B1 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

Note: SEC B1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY.

4444020 B2 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

Note: SEC B2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE

STRATEGIC MANAGEMNT MGMT 478 3 CREDITS
 Prereq: ACCT 285; FIN 301; MGMT 370 OR MGMT 371; MKT 340; SCM 301; GRADUATING SENIOR
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING 2018 IN THE COLLEGE OF BUSINESS

5294005 A TR 8:00-9:20
 MEETS: JAN 8-MAY 4

5294010 B TR 9:30-10:50
 MEETS: JAN 8-MAY 4

5294015 C TR 11:00-12:20
 MEETS: JAN 8-MAY 4

5294020 D TR 12:40-2:00
 MEETS: JAN 8-MAY 4

5294025 E TR 2:10-3:30
 MEETS: JAN 8-MAY 4

5294030 F TR 3:40-5:00
 MEETS: JAN 8-MAY 4

5294035 G MW 5:10-6:25PM
 MEETS: JAN 8-MAY 4

5294040 J M 6:40-9:25PM
 MEETS: JAN 8-MAY 4

5294045 K TR 3:40-5:00
 MEETS: JAN 8-MAY 4

5294050 L T 6:40-9:25PM
 MEETS: JAN 8-MAY 4

MANAGEMENT

(CONTINUED)

STRATEGIC MANAGEMENT MGMT 478 3 CREDITS
 5294055 M MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 5294060 N R 6:40-9:25PM
 MEETS: JAN 8-MAY 4
 5294065 P MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 5294070 Q MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 5294765 R MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 5294770 S W 6:40-9:25PM
 MEETS: JAN 8-MAY 4
 5294075 T TR 2:10-3:25
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY MGMT 490 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PERSONALITY & MGMT MGMT 572 3 CREDITS
 Prereq: GRADUATE STANDING OR PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 9258005 A W 6:40-10:00PM ANDERSON M
 MEETS: JAN 10-APRIL 4

CORP GOVERN&TOP MGT MGMT 582 3 CREDITS
 Prereq: MGMT 503 OR PERMISSION
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8410005 A T 6:40-10:00PM
 MEETS: JAN 9-APRIL 3

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 HERRMANN P
 MEETS: JAN 9-APRIL 3

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 8-MAY 4

ORGANIZATNL THEORY MGMT 602 3 CREDITS
 Prereq: ENROLLMENT IN PH D PROGRAM
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7266005 A T 3:10-6:00PM
 MEETS: JAN 8-MAY 4

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 9:00-9:50 CAI Y
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

6633010 2 MWF 10:00-10:50
 R 3:10-4:00
 MEETS: JAN 8-MAY 4

6633015 3 MWF 10:00-10:50
 R 3:10-4:00
 MEETS: JAN 8-MAY 4

Note: SEC 3 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

6633600 XW ARRANGED ORYSPAYEV D
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

MGMT INFO SYSTEMS MIS 301 3 CREDITS
 Prereq: COM S 113 OR BUSAD 150
 Note: SEC A1, B1 ETC FOR COLLEGE OF BUSINESS MAJORS EXCEPT P BUS. SEC A2, B2 FOR MAJORS OTHER THAN THE COLLEGE OF BUSINESS MAJORS
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

4394005 A1 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 4394010 A2 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 4394015 B1 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 4394020 B2 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 4394025 C1 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 4394030 C2 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 4394035 D1 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4
 4394040 D2 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4

MANAGEMENT INFORMATION SYSTEMS

(CONTINUED)

MGMT INFO SYSTEMS MIS 301 3 CREDITS
 4394045 E1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 4394050 E2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 4394055 F1 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 4394060 F2 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 4394065 G1 M 6:40-9:25PM
 MEETS: JAN 8-MAY 4
 4394070 G2 M 6:40-9:25PM
 MEETS: JAN 8-MAY 4
 4394075 J1 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 4394080 J2 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 4394085 K1 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 4394090 K2 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 4394095 L1 TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 4394100 L2 TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 4394105 M1 TR 12:40-1:55
 MEETS: JAN 8-MAY 4
 4394110 M2 TR 12:40-1:55
 MEETS: JAN 8-MAY 4
 4394115 N1 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 4394120 N2 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 4394125 P1 TR 8:00-9:15
 MEETS: JAN 8-MAY 4
 4394130 P2 TR 8:00-9:15
 MEETS: JAN 8-MAY 4

INTMD BSNESS PRGRMG MIS 307 3 CREDITS
 Prereq: MIS 207/COM S 207 OR COM S 227;
 CREDIT OR ENROLLMENT IN MIS 301
 Note: SEC A1,B1,C1 RESTRICTED TO MIS MAJORS. SEC A2, B2,C2 RESTRICTED TO UNDERGRAD BUSINESS MAJORS EXCEPT P BUS

9608005 A1 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 9608010 A2 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 9608015 B1 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 9608020 B2 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 9608025 C1 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 9608030 C2 MWF 8:00-8:50
 MEETS: JAN 8-MAY 4

INFO SYST ANALYSIS MIS 310 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301
 Note: SEC A1, B1 RESTRICTED TO MIS MAJORS ONLY.
 A2,B2 FOR COLLEGE OF BUSINESS UNDERGRADS EXCEPT P BUS.

5290005 A1 TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 5290010 A2 TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 5290015 B1 MW 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 5290020 B2 MW 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 5290025 C1 TR 3:40-4:55
 MEETS: JAN 8-MAY 4
 5290030 C2 TR 3:40-4:55
 MEETS: JAN 8-MAY 4

BSNSS DATA STRM&ISS MIS 315X 3 CREDITS
 Prereq: COM S 113
 Note: COURSE RESTRICTED TO ACCT, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRADS ONLY

4579005 A T 6:40-9:25PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5289010 A2 TR 8:00-9:15
 MEETS: JAN 8-MAY 4
 5289015 B1 TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 5289020 B2 TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 5289025 C1 R 6:40-9:25PM
 MEETS: JAN 8-MAY 4
 5289030 C2 R 6:40-9:25PM
 MEETS: JAN 8-MAY 4

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

PROJECT MANAGEMENT MIS 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301
 Note: SEC A1, B1 ETC RESTRICTED TO BUS COLLEGE UNDERGRADS EXCEPT P BUS. SEC A2,B2 ETC FOR MAJORS OTHER THAN BUS COLLEGE COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
 4561005 A1 TR 12:40-1:55
 MEETS: JAN 8-MAY 4
 4561010 A2 TR 12:40-1:55
 MEETS: JAN 8-MAY 4
 4561015 B1 TR 3:40-4:55
 MEETS: JAN 8-MAY 4
 4561020 B2 TR 3:40-4:55
 MEETS: JAN 8-MAY 4
 4561025 C1 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 4561030 C2 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4

ADV BSNESS PROGRMNG MIS 407 3 CREDITS
 Prereq: MIS 307
 1775005 A1 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY
 1775010 A2 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, SCM & MKT UNDERGRADS

INFO SYS INFRASTRUC MIS 435 3 CREDITS
 Prereq: MIS 301
 Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY. SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, ENTSP, FIN, MGMT, MKT, SCM MAJORS ONLY. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION
 6396005 A1 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 6396010 A2 TR 2:10-3:25
 MEETS: JAN 8-MAY 4

INTRO BSNS ANALYTCS MIS 436 3 CREDITS
 Prereq: MIS 320
 8713005 A1 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY
 8713010 A2 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, SCM & MKT UNDERGRADS

ENTERPRISE SYS&ARCH MIS 445 3 CREDITS
 Prereq: MIS 301
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY
 7696005 A TR 9:30-10:45
 MEETS: JAN 8-MAY 4

ADV BUSINSS ANALYTIC MIS 446 3 CREDITS
 Prereq: MIS 320
 9113005 A1 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO MIS, SCM MAJORS ONLY
 9113010 A2 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MKT & SCM UNDERGRADS

INFO SYSTM DEVELPMT MIS 447 3 CREDITS
 Prereq: MIS 301
 5291005 A1 M 6:40-9:25PM
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY
 5291010 A2 M 6:40-9:25PM
 MEETS: JAN 8-MAY 4
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MKT & SCM UNDERGRADS

INDEPENDENT STUDY MIS 490 1- 3 CREDITS
 Prereq: MIS 301, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CASE PRACTICUM MIS 495 3 CREDITS
 Prereq: MIS 301
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY
 7819005 A T 5:10-6:25PM
 ARRANGED
 MEETS: JAN 8-MAY 4

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 9-FEB 15
 9126010 B M 6:40-10:00PM
 MEETS: JAN 8-APRIL 2

TELECOMMUNICTNS MGT MIS 535 3 CREDITS
 Prereq: MIS 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS OR WITH PERMISSION FROM THE COLLEGE OF BUSINESS
 8679005 A TR 12:40-1:55
 MEETS: JAN 8-MAY 4

FOUND BSNS ANALYTCS MIS 536 3 CREDITS
 4234005 A W 6:40-10:00PM PARSAR
 MEETS: JAN 10-APRIL 4

BUS PROCESS SYSTEMS MIS 538 3 CREDITS
 Prereq: MIS 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS OR WITH PERMISSION FROM THE COLLEGE OF BUSINESS
 2259005 A R 6:40-10:00PM NILAKANTA S
 MEETS: JAN 11-APRIL 5

TOPICS MGT INFO SYS MIS 539 3 CREDITS
 Prereq: MIS 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS OR WITH PERMISSION FROM THE COLLEGE OF BUSINESS
 TOPIC: CYBERSECURITY
 7953005 A W 6:40-10:00PM
 MEETS: JAN 8-MAY 4
 7953010 B W 6:40-10:00PM
 MEETS: JAN 10-APRIL 4

ADV BSNS ANALYTICS MIS 546 3 CREDITS
 4333005 A T 6:40-10:00PM ZHANG Z
 MEETS: JAN 9-APRIL 3

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

RES SEMINAR IN MIS MIS 598 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8081005 A W 2:00-5:20
 MEETS: JAN 10-APRIL 4

CREATIVE COMPONENT MIS 599 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF SUPERVISORY COMMITTEE CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SMNR IT STRAT&STRU MIS 603 3 CREDITS
 Prereq: MIS 601
 7531005 A R 9:00-11:50
 MEETS: JAN 8-MAY 4

RESEARCH MIS 699 3- 6 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MARKETING

PRIN OF MARKETING MKT 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN ECON 101
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
 5352005 A MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO ACCT, AG B, AG SO, AST, AN S, BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP, FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.

5352010 B TR 3:40-4:55
 MEETS: JAN 8-MAY 4
 Note: SEC B RESTRICTED TO ACCT, AG B, AG SO, AST, AN S, BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP, FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.

5352015 C TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 Note: SEC C RESTRICTED TO ACCT, AG B, AG SO, AST, AN S, BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP, FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.

5352020 D MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC D RESTRICTED TO ACCT, AG B, AG SO, AST, AN S, BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP, FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.

5352025 E MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC F RESTRICTED TO ACCT, AG B, AG SO, AST, AN S, BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP, FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.

5352035 G TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 Note: SEC G RESTRICTED TO ACCT, AG B, AG SO, AST, AN S, BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP, FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.

5352040 J MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC J RESTRICTED TO ACCT, AG B, AG SO, AST, AN S, BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,

MARKETING

(CONTINUED)

PRIN OF MARKETING MKT 340 3 CREDITS
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352045 K TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC K RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352050 L MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 Note: SEC L RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352055 M MW 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 Note: SEC M RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352060 N T 6:40-9:25PM
 MEETS: JAN 8-MAY 4
 Note: SEC N RESTRICTED TO ACCT, AG B, AG SO, AST, AN S,
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, ENTSP,
 FS A, FIN, I BUS, MGMT, MIS, MKT, P S A, SCM.
 5352065 P TR 8:00-9:15
 MEETS: JAN 8-MAY 4

PERSONAL SALES MKT 343 3 CREDITS
 Prereq: MKT 340
 Note: SEC A1,B1 ETC RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, ENTSP, FIN, I BUS, MGMT, MIS, MKT, SCM
 MAJORS ONLY. SECTIONS A2,B2 ETC FOR COLLEGES OTHER
 THAN BUSINESS.
 COURSE NOT OPEN TO GRADUATE STUDENTS
 WITHOUT PERMISSION FROM 1200 GERDIN

5354005 A1 MW 9:00-9:50, ARRANGED
 MEETS: JAN 8-MAY 4
 5354010 A2 MW 9:00-9:50, ARRANGED
 MEETS: JAN 8-MAY 4
 5354015 B1 MW 10:00-10:50
 ARRANGED
 MEETS: JAN 8-MAY 4
 5354020 B2 MW 10:00-10:50
 ARRANGED
 MEETS: JAN 8-MAY 4
 5354025 C1 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 8-MAY 4
 5354030 C2 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 8-MAY 4
 5354035 D1 R 6:40-9:25PM
 MEETS: JAN 8-MAY 4
 5354040 D2 R 6:40-9:25PM
 MEETS: JAN 8-MAY 4

SOC MDIA MKT STRATG MKT 361X 3 CREDITS
 Prereq: MKT 340
 Note: COURSE RESTRICTED TO ACCT, BUS U, BUSEC,
 ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRADS
 7134005 A M 6:40-9:25PM
 MEETS: JAN 8-MAY 4

PROMOTIONAL STRATEG MKT 410 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MKT 447
 Note: SEC A1,B1 RESTRICTED TO MKT MAJORS ONLY.
 SEC A2,B2 FOR MAJORS OTHER THAN MKT AND P BUS.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 5355005 A1 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 5355010 A2 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 5355015 B1 TR 2:10-3:25
 MEETS: JAN 8-MAY 4
 5355020 B2 TR 2:10-3:25
 MEETS: JAN 8-MAY 4

SALES MANAGEMENT MKT 442 3 CREDITS
 Prereq: MKT 340
 5357005 A1 TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO MKT MAJORS ONLY.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION
 5357010 A2 TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN MKT, P BUS.
 GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION
 5357015 B1 TR 3:40-4:55
 MEETS: JAN 8-MAY 4
 Note: SEC B1 RESTRICTED TO MKT MAJORS ONLY.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION
 5357020 B2 TR 3:40-4:55
 MEETS: JAN 8-MAY 4
 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 SENIORS ONLY
 5358005 A MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 5358010 B TR 8:00-9:15
 MEETS: JAN 8-MAY 4
 5358015 C TR 12:40-1:55
 MEETS: JAN 8-MAY 4
 5358020 D W 6:40-9:25PM
 MEETS: JAN 8-MAY 4

MARKETING

(CONTINUED)

STRATEGC MRKTNG MGT MKT 443 3 CREDITS
 5358025 E MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 5358030 F MWF 3:10-4:00
 MEETS: JAN 8-MAY 4

MARKTG RSEARCH TCNQ MKT 444 3 CREDITS
 Prereq: MKT 340, STAT 226
 Note: COURSE RESTRICTED TO MKT MAJORS ONLY.
 GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION
 5359005 A TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 5359010 B MW 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 5359015 C TR 8:00-9:15
 MEETS: JAN 8-MAY 4
 5359020 D MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC A1 RESTRICTED TO MKT MAJORS ONLY
 9068010 A2 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN MKT, P BUS
 GRADUATE STUDENTS MUST HAVE PERMISSION FROM
 1200 GERDIN TO ENROLL.

CONSUMER BEHAVIOR MKT 447 3 CREDITS
 Prereq: MKT 340
 Note: SEC A1,B1,ETC. RESTRICTED TO AST, FS A,
 MKT, I TEC. SEC A2,B2,ETC. FOR MAJORS OTHER
 THAN AST, FS A, I TEC, MKT, P BUS.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 5362005 A1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 5362010 A2 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 5362015 B1 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 5362020 B2 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 5362025 C1 TR 8:00-9:15
 MEETS: JAN 8-MAY 4
 5362030 C2 TR 8:00-9:15
 MEETS: JAN 8-MAY 4
 5362035 D1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 5362045 D2 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 5127010 A2 TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 5127015 B1 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4
 5127020 B2 TR 5:10-6:25PM
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY MKT 490 1- 3 CREDITS
 Prereq: MKT 340, SENIOR CLASSIFICATION;
 PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MARKETING MKT 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 9392005 A MW 7:30-10:50
 MEETS: FEB 19-APRIL 4
 Note: RESTRICTED TO BUSAD GRADS ONLY

INT'L MARKETING MKT 541 3 CREDITS
 Prereq: MKT 501, MKT 509
 8678005 A T 6:40-10:00PM
 MEETS: JAN 9-APRIL 3

MARKETING

(CONTINUED)

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

CUSTMR MGT STRT&IMP MKT 603 3 CREDITS
 Prereq: MKT 601
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7635005 A T 1:10-4:00
 MEETS: JAN 8-MAY 4

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
 R 1:10-3:00
 MEETS: JAN 8-MAY 4

6333010 B MW 12:10-1:00
 T 9:00-11:00
 MEETS: JAN 8-MAY 4

6333015 C MW 12:10-1:00
 T 1:10-3:00
 MEETS: JAN 8-MAY 4

6333020 D MW 12:10-1:00
 R 9:00-11:00
 MEETS: JAN 8-MAY 4

INTRO MTRLS SCI&E I MAT E 215 3 CREDITS
 Prereq: MATH 165; CHEM 177 OR CHEM 167
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY
 BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 273,
 MAT E 392.
 COURSE RESTRICTED TO MAT E MAJORS ONLY
 7495005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

7496010 2 R 11:00-12:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

2904010 B W 3:10-5:00
 MEETS: JAN 8-MAY 4

2904015 C R 3:10-5:00
 MEETS: JAN 8-MAY 4

2904020 D T 3:10-5:00
 MEETS: JAN 8-MAY 4

2904025 E F 11:00-1:00
 MEETS: JAN 8-MAY 4

GLOBAL SUSTAINABLT 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 HALLAM A
 MEETS: JAN 8-MAY 4

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.
 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).

3814005 A MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

3814010 B MWF 3:10-4:00
 MEETS: JAN 8-MAY 4

THERMODYNM IN MAT E MAT E 311 3 CREDITS
 Prereq: CHEM 178, CREDIT OR ENROLLMENT IN
 MAT E 216, CREDIT OR ENROLLMENT IN PHYS 222,
 CREDIT OR ENROLLMENT IN MATH 267
 6316005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

MATERIALS ENGINEERING

(CONTINUED)

KINETC&PHASE EQ MAT MAT E 314 3 CREDITS
 Prereq: MAT E 216, MAT E 311
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 6575005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

6592010 B MW 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

ELEC&MAGN PROP MTRL MAT E 334 3 CREDITS
 Prereq: MAT E 317
 6596005 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4

STRUC RELAT NONFERR MAT E 342 3 CREDITS
 Prereq: MAT E 215 OR MAT E 273 OR MAT E 392
 6612005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

SOLIDIFICATN PROCES MAT E 348 3 CREDITS
 Prereq: I E 248 AND MAT E 273
 Satisfactory-Fail Only.

4314200 1 MWF 9:00-9:50 PETERS F
 MEETS: JAN 8-MAY 4

4314205 2 MWF 10:00-10:50 PETERS F
 MEETS: JAN 8-MAY 4

4314005 A T 8:00-9:50 PETERS F
 MEETS: JAN 8-MAY 4

4314010 B R 8:00-9:50 PETERS F
 MEETS: JAN 8-MAY 4

4314015 C T 10:00-11:50 PETERS F
 MEETS: JAN 8-MAY 4

4314020 D R 10:00-11:50 PETERS F
 MEETS: JAN 8-MAY 4

4314025 E T 1:10-3:00 PETERS F
 MEETS: JAN 8-MAY 4

4314030 F R 1:10-3:00 PETERS F
 MEETS: JAN 8-MAY 4

4314035 G T 3:10-5:00 PETERS F
 MEETS: JAN 8-MAY 4

4314040 J M 1:10-3:00 PETERS F
 MEETS: JAN 8-MAY 4

4314045 K F 1:10-3:00 PETERS F
 MEETS: JAN 8-MAY 4

4314050 L M 3:10-5:00 PETERS F
 MEETS: JAN 8-MAY 4

4314055 M W 3:10-5:00 PETERS F
 MEETS: JAN 8-MAY 4

4314060 N R 3:10-5:00 PETERS F
 MEETS: JAN 8-MAY 4

INTR POLYMER MATRLS MAT E 351 3 CREDITS
 Prereq: MAT E 216, CHEM 331, CREDIT OR
 ENROLLMENT IN MAT E 311
 6615005 TR 3:40-5:00
 MEETS: JAN 8-MAY 4

PRIN NONDESTRC TEST MAT E 362 3 CREDITS
 Prereq: PHYS 112 OR PHYS 222
 5045005 MWF 10:00-10:50 MEYENDORF N
 MEETS: JAN 8-MAY 4

5045605 XE ARRANGED MEYENDORF N
 MEETS: JAN 8-MAY 4
 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 T 9:00-11:50 BOND L
 MEETS: JAN 8-MAY 4

5046010 B R 9:00-11:50 BOND L
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: Instructor permission required.

MATERIALS ENGINEERING (CONTINUED)

THRY&AP FRUGAL ENGR MAT E 395X VAR. CREDITS
 8996005 ARRANGED
 MEETS: JAN 8-MAY 4

PRO PRACTICE I MAT E 413 3 CREDITS
 Prereq: SENIOR STATUS IN MAT E
 Note: COURSE RESTRICTED TO MAT E SENIORS ONLY
 6628005 MWF 2:10-3:00
 ARRANGED
 MEETS: JAN 8-MAY 4

PRO PRACTICE II MAT E 414 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO MAT E SENIORS ONLY
 6650005 MWF 2:10-3:00
 ARRANGED
 MEETS: JAN 8-MAY 4

MECHANCL BEHAVR MAT MAT E 418 3 CREDITS
 Prereq: MAT E 216
 6585005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

MICROELEC FABRICATN MAT E 432 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN E E 332
 6677005 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 8-MAY 4

ADV ELECTRN MATERLS MAT E 433 3 CREDITS
 Prereq: MAT E 317
 6676005 MW 10:00-10:50
 F 10:00-10:50
 ARRANGED
 MEETS: JAN 8-MAY 4

ELECTRN PROP MATRLS MAT E 437X 3 CREDITS
 Prereq: E E 332 OR MAT E 317 OR PHYS 322
 9875005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

CORROS&FAILUR ANLY MAT E 444 3 CREDITS
 Prereq: MAT E 215 OR MAT E 273 OR MAT E 392;
 CREDIT OR ENROLLMENT IN MAT E 418
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 6680005 A TR 11:00-11:50
 T 3:10-4:00, ARRANGED
 MEETS: JAN 8-MAY 4

6680010 B TR 11:00-11:50
 T 4:10-5:00, ARRANGED
 MEETS: JAN 8-MAY 4

6680015 C TR 11:00-11:50
 T 1:10-2:00, ARRANGED
 MEETS: JAN 8-MAY 4

6680605 XE ARRANGED CHUMBLEY S
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

POLYMR CMPOSIT&PROC MAT E 454 3 CREDITS
 Prereq: MAT E 351
 6683005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

RARE EARTH METALS MAT E 457 3 CREDITS
 Prereq: MAT E 311 OR CHEM 325; CHEM 324
 OR PHYS 322
 6598005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

6598605 XE ARRANGED PECHARSKY V
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

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 8-MAY 4

INDEPENDENT STUDY MAT E 490 VAR. CREDITS

 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 8-MAY 4

5075605 XE ARRANGED HU S
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

MATERIALS SCIENCE & ENGINEERING (CONTINUED)

SOLID STATE SCIENCE M S E 530 3 CREDITS
 Prereq: MAT E 334 OR E E 332 OR PHYS 322
 5616005 MW 12:40-2:00
 MEETS: JAN 8-MAY 4

ELECTRN PROP MATRLS M S E 537X 3 CREDITS
 Prereq: E E 332 OR MAT E 317 OR PHYS 322
 9873005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

MECH BEHAV MATERLS M S E 540 3 CREDITS
 Prereq: MAT E 418, MATH 266 OR MATH 267
 5664005 MW 4:10-5:30
 MEETS: JAN 8-MAY 4

FUND NONDESTRU EVAL M S E 550 4 CREDITS
 Prereq: E M 324, MATH 385
 8550005 1 MWF 10:00-10:50 HOLLAND S
 T 9:00-10:50
 MEETS: JAN 8-MAY 4

8550605 XE ARRANGED HOLLAND S
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

SCAN&AUGER MICRSCPY M S E 552 3 CREDITS
 Prereq: PHYS 222
 5092600 XE ARRANGED CHUMBLEY S
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

RARE EARTH METALS M S E 557 3 CREDITS
 Prereq: MAT E 311 OR CHEM 325; CHEM 324
 OR PHYS 322
 6571005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

6571600 XE ARRANGED PECHARSKY V
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

SPECIAL TOPICS M S E 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

FUND PHAS TRANSFRMT M S E 620 3 CREDITS
 Prereq: M S E 520
 5686005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

ADV TOPICS MATRL SC M S E 690 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNNSHP M S E 697 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN
 Satisfactory-Fail Only.
 4307005 ARRANGED
 MEETS: JAN 8-MAY 4

RESEARCH M S E 699 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

MATHEMATICS

HIGH SCHOOL ALGEBRA MATH 10 0 CREDITS
 Note: DEVELOPMENTAL MATH FEE APPLIES. SEE TUITION AND
 FEES WEBSITE FOR MORE INFORMATION ON FEE.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.

5115005 A MTRF 11:00-11:50
 MEETS: JAN 8-MAY 4

5115010 B MTRF 11:00-11:50
 MEETS: JAN 8-MAY 4

5115015 C MTRF 1:10-2:00
 MEETS: JAN 8-MAY 4

5115020 D MTRF 1:10-2:00
 MEETS: JAN 8-MAY 4

INTRO TO PROBABILITY 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 8-MAY 4

MATHEMATICS

(CONTINUED)

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 8-MAY 4

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 REQUIREMENTS FOR GRADUATION

- 5132005 1 TR 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 8-MAY 4
- 5132010 2 TR 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 8-MAY 4
- 5132015 3 TR 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 8-MAY 4
- 5132020 4 TR 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 8-MAY 4
- 5132025 5 TR 8:00-8:50
 W 10:00-10:50
 MEETS: JAN 8-MAY 4
- 5132030 6 TR 8:00-8:50
 W 10:00-10:50
 MEETS: JAN 8-MAY 4
- 5132035 7 TR 8:00-8:50
 W 12:10-1:00
 MEETS: JAN 8-MAY 4
- 5132040 8 WF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 8-MAY 4
- 5132045 9 WF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 8-MAY 4
- 5132050 10 WF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 8-MAY 4
- 5132055 11 WF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 8-MAY 4
- 5132060 12 WF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 8-MAY 4
- 5132065 13 WF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 8-MAY 4

PREP FOR CALCULUS MATH 143 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA; 1 YEAR OF
 HIGH SCHOOL GEOMETRY OR MINIMUM OF C- IN MATH 140
 Note: CREDIT FOR EITHER MATH 143 OR MATH 145, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY NOT APPLY MATH 143
 TOWARD GENERAL EDUCATION REQUIREMENTS.

- 7342005 A MW 2:10-3:00
 TR 12:10-1:00
 MEETS: JAN 8-MAY 4
- 7342010 B MW 2:10-3:00
 TR 12:10-1:00
 MEETS: JAN 8-MAY 4
- 7342015 C MW 2:10-3:00
 TR 1:10-2:00
 MEETS: JAN 8-MAY 4
- 7342020 D MW 2:10-3:00
 TR 1:10-2:00
 MEETS: JAN 8-MAY 4
- 7342025 E MW 2:10-3:00
 TR 2:10-3:00
 MEETS: JAN 8-MAY 4
- 7342030 F MW 2:10-3:00
 TR 11:00-11:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
- 9173010 B MF 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 8-MAY 4
- 9173015 C MF 8:00-8:50
 W 11:00-11:50
 MEETS: JAN 8-MAY 4
- 9173020 D MF 8:00-8:50
 W 1:10-2:00
 MEETS: JAN 8-MAY 4

MATHEMATICS

(CONTINUED)

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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
- 5135125 P ARRANGED
 R 10:00-10:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
- 5135135 R ARRANGED, F 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

MATHEMATICS

(CONTINUED)

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 8-MAY 4

5136010 B MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 8-MAY 4

5136015 C MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 8-MAY 4

5136020 D MF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 8-MAY 4

5136025 E MF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 8-MAY 4

5136030 F MF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 8-MAY 4

5136040 G MF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 8-MAY 4

5136090 H MF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 8-MAY 4

5136045 J MF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 8-MAY 4

5136050 K MF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 8-MAY 4

5136055 L MF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 8-MAY 4

5136060 M MF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 8-MAY 4

5136065 N MF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 8-MAY 4

5136070 P MF 8:00-8:50
 T 12:10-1:00
 MEETS: JAN 8-MAY 4

5136075 Q MF 8:00-8:50
 T 12:10-1:00
 MEETS: JAN 8-MAY 4

5136080 R MF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 8-MAY 4

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; 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. 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 8-MAY 4

5137010 2 MWF 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 8-MAY 4

5137015 3 MWF 2:10-3:00
 T 12:10-1:00
 MEETS: JAN 8-MAY 4

5137020 4 MWF 2:10-3:00
 T 10:00-10:50
 MEETS: JAN 8-MAY 4

5137025 5 MWF 2:10-3:00
 T 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

5138010 2 MWF 8:00-8:50
 T 12:10-1:00
 MEETS: JAN 8-MAY 4

5138015 3 MWF 8:00-8:50
 T 1:10-2:00
 MEETS: JAN 8-MAY 4

5138020 4 MWF 8:00-8:50
 T 2:10-3:00
 MEETS: JAN 8-MAY 4

MATHEMATICS

(CONTINUED)

CALCULUS I MATH 165 4 CREDITS
 5138025 5 MWF 8:00-8:50
 T 2:10-3:00
 MEETS: JAN 8-MAY 4

5138030 6 MWF 8:00-8:50
 T 3:10-4:00
 MEETS: JAN 8-MAY 4

5138035 7 MWF 8:00-8:50
 T 3:10-4:00
 MEETS: JAN 8-MAY 4

5138040 8 MTWF 9:00-9:50
 MEETS: JAN 8-MAY 4

5138045 9 MWRWF 11:00-11:50
 MEETS: JAN 8-MAY 4

5138050 10 MTRF 1:10-2:00
 MEETS: JAN 8-MAY 4

5138055 11 MTRF 1:10-2:00
 MEETS: JAN 8-MAY 4

5138060 12 MTRF 2:10-3:00
 MEETS: JAN 8-MAY 4

5138065 13 MWF 2:10-3:00
 R 12:10-1:00
 MEETS: JAN 8-MAY 4

5138070 14 MWF 2:10-3:00
 R 12:10-1:00
 MEETS: JAN 8-MAY 4

5138075 15 MWF 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 8-MAY 4

5138080 16 MWF 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 8-MAY 4

5138085 17 MWF 2:10-3:00
 R 3:10-4:00
 MEETS: JAN 8-MAY 4

5138090 18 MWF 2:10-3:00
 R 3:10-4:00
 MEETS: JAN 8-MAY 4

5138095 19 MTWR 2:10-3:00
 MEETS: JAN 8-MAY 4

5138100 20 MTWF 12:10-1:00
 MEETS: JAN 8-MAY 4

5138105 21 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 8-MAY 4

5138110 22 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

5138115 23 MWF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 8-MAY 4

5138120 24 MWF 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 8-MAY 4

5138125 25 MWF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 8-MAY 4

5138130 26 MWF 12:10-1:00
 R 2:10-3:00
 MEETS: JAN 8-MAY 4

CALCULUS II MATH 166 4 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 165 OR HIGH MATH PLACEMENT SCORES
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

5139005 1 MTWF 8:00-8:50
 MEETS: JAN 8-MAY 4

5139010 2 MWRWF 9:00-9:50
 MEETS: JAN 8-MAY 4

5139015 3 MWF 9:00-9:50
 T 8:00-8:50
 MEETS: JAN 8-MAY 4

5139020 4 MWF 9:00-9:50
 T 8:00-8:50
 MEETS: JAN 8-MAY 4

5139025 5 MWF 9:00-9:50
 T 8:00-8:50
 MEETS: JAN 8-MAY 4

5139030 6 MWF 9:00-9:50
 T 1:10-2:00
 MEETS: JAN 8-MAY 4

5139035 7 MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 8-MAY 4

5139040 8 MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 8-MAY 4

5139045 9 MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 8-MAY 4

5139050 10 MWF 9:00-9:50
 T 1:10-2:00
 MEETS: JAN 8-MAY 4

5139055 11 MWF 9:00-9:50
 T 10:00-10:50
 MEETS: JAN 8-MAY 4

5139060 12 MWF 9:00-9:50
 T 10:00-10:50
 MEETS: JAN 8-MAY 4

5139065 13 MWF 9:00-9:50
 T 10:00-10:50
 MEETS: JAN 8-MAY 4

MATHEMATICS

(CONTINUED)

CALCULUS II MATH 166 4 CREDITS
 5139070 14 MWF 9:00-9:50
 T 1:10-2:00
 MEETS: JAN 8-MAY 4

5139075 15 MTWF 10:00-10:50
 MEETS: JAN 8-MAY 4

Note: THIS SECTION IS RESTRICTED TO MATH AND STAT MAJORS ONLY.

5139080 16 MTRF 10:00-10:50
 MEETS: JAN 8-MAY 4

5139085 17 MWF 11:00-11:50
 R 11:00-11:50
 MEETS: JAN 8-MAY 4

5139090 18 MWF 11:00-11:50
 R 11:00-11:50
 MEETS: JAN 8-MAY 4

5139095 19 MWF 11:00-11:50
 R 12:10-1:00
 MEETS: JAN 8-MAY 4

5139100 20 MWF 11:00-11:50
 R 12:10-1:00
 MEETS: JAN 8-MAY 4

5139105 21 MWF 11:00-11:50
 R 2:10-3:00
 MEETS: JAN 8-MAY 4

5139110 22 MWF 11:00-11:50
 R 2:10-3:00
 MEETS: JAN 8-MAY 4

5139115 23 MTWF 12:10-1:00
 MEETS: JAN 8-MAY 4

5139120 24 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 8-MAY 4

5139125 25 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 8-MAY 4

5139130 26 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 8-MAY 4

5139135 27 MWF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 8-MAY 4

5139140 28 MTWF 1:10-2:00
 MEETS: JAN 8-MAY 4

5139145 29 MTWF 3:10-4:00
 MEETS: JAN 8-MAY 4

5139150 30 MWF 4:10-5:00
 R 12:10-1:00
 MEETS: JAN 8-MAY 4

5139155 31 MWF 4:10-5:00
 R 12:10-1:00
 MEETS: JAN 8-MAY 4

5139160 32 MWF 4:10-5:00
 R 1:10-2:00
 MEETS: JAN 8-MAY 4

5139165 33 MWF 4:10-5:00
 R 1:10-2:00
 MEETS: JAN 8-MAY 4

5139170 34 MWF 4:10-5:00
 R 3:10-4:00
 MEETS: JAN 8-MAY 4

5139175 35 MWF 4:10-5:00
 R 3:10-4:00
 MEETS: JAN 8-MAY 4

5139180 36 MTRF 3:10-4:00
 MEETS: JAN 8-MAY 4

Note: SEC 36 RESTRICTED TO FRESHMAN ONLY.

5139185 37 MWF 2:10-3:00
 R 9:00-9:50
 MEETS: JAN 8-MAY 4

5139190 38 MWF 2:10-3:00
 R 9:00-9:50
 MEETS: JAN 8-MAY 4

5139195 39 MWF 2:10-3:00
 R 10:00-10:50
 MEETS: JAN 8-MAY 4

5139200 40 MWF 2:10-3:00
 R 10:00-10:50
 MEETS: JAN 8-MAY 4

5139205 41 MWF 2:10-3:00
 R 1:10-2:00
 MEETS: JAN 8-MAY 4

5139210 42 MWF 2:10-3:00
 R 1:10-2:00
 MEETS: JAN 8-MAY 4

5139215 43 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 8-MAY 4

5139220 44 MWF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 8-MAY 4

MATH FOR ELEM ED I MATH 195 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY; ENROLLMENT IN ELEMENTARY ED OR EARLY CHILDHOOD EDUCATION

Note: COURSE RESTRICTED TO EL ED, ECE MAJORS. STUDENTS IN THE LAS COLLEGE MAY NOT APPLY CREDIT IN MATH 195 TOWARD GENERAL ED REQUIREMENTS FOR GRADUATION.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

5144005 A MWF 8:00-9:20
 MEETS: JAN 8-MAY 4

MATHEMATICS

(CONTINUED)

MATH FOR ELEM ED I MATH 195 3 CREDITS
 5144010 B MWF 9:30-10:50
 MEETS: JAN 8-MAY 4

5144015 C MWF 11:00-12:20
 MEETS: JAN 8-MAY 4

5144020 D MWF 12:40-2:00
 MEETS: JAN 8-MAY 4

5144025 E MWF 2:10-3:30
 MEETS: JAN 8-MAY 4

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 8-MAY 4

8125010 B MWF 9:30-10:50
 MEETS: JAN 8-MAY 4

8125020 C MWF 11:00-12:20
 MEETS: JAN 8-MAY 4

8125015 D MWF 12:40-2:00
 MEETS: JAN 8-MAY 4

8125025 E MWF 2:10-3:30
 MEETS: JAN 8-MAY 4

8125030 F MWF 11:00-12:20
 MEETS: JAN 8-MAY 4

INTRO TO PROOFS MATH 201 3 CREDITS
 Prereq: MATH 166 OR MATH 166H

6998005 A MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

6998010 B MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

6998015 C MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

5161010 B TR 9:30-10:50
 MEETS: JAN 8-MAY 4

5161015 C MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

5161020 D MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

5151010 2 MWF 8:00-8:50
 R 9:00-9:50
 MEETS: JAN 8-MAY 4

5151015 3 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 8-MAY 4

5151020 4 MTWF 9:00-9:50
 MEETS: JAN 8-MAY 4

5151025 5 MTRF 9:00-9:50
 MEETS: JAN 8-MAY 4

5151030 6 MTRF 9:00-9:50
 MEETS: JAN 8-MAY 4

5151035 7 MWF 10:00-10:50
 T 8:00-8:50
 MEETS: JAN 8-MAY 4

5151040 8 MWF 10:00-10:50
 T 8:00-8:50
 MEETS: JAN 8-MAY 4

5151045 9 MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 8-MAY 4

5151050 10 MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 8-MAY 4

5151055 11 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 8-MAY 4

5151060 12 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 8-MAY 4

5151065 13 MWR 11:00-11:50
 MEETS: JAN 8-MAY 4

5151070 14 MWF 12:10-1:00
 T 12:10-1:00
 MEETS: JAN 8-MAY 4

5151075 15 MWF 12:10-1:00
 T 12:10-1:00
 MEETS: JAN 8-MAY 4

5151080 16 MWF 12:10-1:00
 T 2:10-3:00
 MEETS: JAN 8-MAY 4

5151085 17 MWF 12:10-1:00
 T 2:10-3:00
 MEETS: JAN 8-MAY 4

MATHEMATICS

(CONTINUED)

MATHEMATICS

(CONTINUED)

CALCULUS III MATH 265 4 CREDITS
 5151090 18 MWF 12:10-1:00
 T 3:10-4:00
 MEETS: JAN 8-MAY 4
 5151095 19 MWF 12:10-1:00
 T 3:10-4:00
 MEETS: JAN 8-MAY 4
 5151100 20 MTWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 5151105 21 MWF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 8-MAY 4
 5151110 22 MWF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 8-MAY 4
 5151115 23 MWF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 5152010 B MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 5152015 C MTRF 10:00-10:50
 MEETS: JAN 8-APRIL 2
 Note: SEC C RESTRICTED TO MATH MAJORS ONLY
 5152020 D MWF 4:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5153010 2 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 8-MAY 4
 5153015 3 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 8-MAY 4
 5153020 4 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 8-MAY 4
 5153025 5 MWF 8:00-8:50
 R 11:00-11:50
 MEETS: JAN 8-MAY 4
 5153030 6 MWF 8:00-8:50
 R 12:10-1:00
 MEETS: JAN 8-MAY 4
 5153035 7 MWF 10:00-10:50
 R 11:00-11:50
 MEETS: JAN 8-MAY 4
 5153040 8 MWF 10:00-10:50
 R 8:00-8:50
 MEETS: JAN 8-MAY 4
 5153045 9 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 8-MAY 4
 5153050 10 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 8-MAY 4
 5153055 11 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 8-MAY 4
 5153060 12 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 8-MAY 4
 5153065 13 MTRF 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC 13 RESTRICTED TO MATH MAJORS ONLY
 5153070 14 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 8-MAY 4
 5153075 15 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 8-MAY 4
 5153080 16 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 8-MAY 4
 5153085 17 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 8-MAY 4

DIFF EQ & TRANSFMS MATH 267 4 CREDITS
 5153090 18 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 8-MAY 4
 5153095 19 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 8-MAY 4
 5153100 20 MWF 4:10-5:00
 R 11:00-11:50
 MEETS: JAN 8-MAY 4
 5153105 21 MWF 4:10-5:00
 R 11:00-11:50
 MEETS: JAN 8-MAY 4
 5153110 22 MWF 4:10-5:00
 R 12:10-1:00
 MEETS: JAN 8-MAY 4
 5153115 23 MWF 4:10-5:00
 R 12:10-1:00
 MEETS: JAN 8-MAY 4
 5153120 24 MWF 4:10-5:00
 R 2:10-3:00
 MEETS: JAN 8-MAY 4
 5153125 25 MWF 4:10-5:00
 R 2:10-3:00
 MEETS: JAN 8-MAY 4
 5153130 26 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 8-MAY 4
 5153135 27 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 8-MAY 4
 5153140 28 MWF 12:10-1:00
 R 2:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5156010 B ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 5158010 B MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

ABSTRCT ALGEBRA II MATH 302 3 CREDITS
 Prereq: MATH 301
 5159005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 7872010 B MTRF 2:10-3:00
 MEETS: JAN 8-MAY 4
 7872015 C MTRF 1:10-2:00
 MEETS: JAN 8-MAY 4

MATHEMATICS (CONTINUED)

MATHEMATICS (CONTINUED)

INTR THY PROB&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 8-MAY 4

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 8-MAY 4

NUMBER THEORY MATH 350 3 CREDITS
 Prereq: MATH 201 OR COM S 230
 5177005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

COMPLEX VARIABLES MATH 365 3 CREDITS
 Prereq: MATH 265
 5168005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

UNIV MATH TCH SECYD MATH 397 3 CREDITS
 Prereq: MATH 201, MATH 301
 7521005 A ARRANGED
 MEETS: JAN 8-MAY 4
 7521010 B MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

COOPERATIVE EDUC MATH 398 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4551005 ARRANGED
 MEETS: JAN 8-MAY 4

ANALYSIS I MATH 414 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 201
 5171005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

ANALYSIS II MATH 415 3 CREDITS
 Prereq: MATH 414; MATH 265; MATH 317 OR MATH 407
 5172005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

GEOMETRY II MATH 436 3 CREDITS
 Prereq: MATH 435
 5176005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

FRACTALS AND CHAOS MATH 439 3 CREDITS
 Prereq: MATH 265; MATH 266 OR MATH 267
 8519005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

UNDERGRAD SEMINAR MATH 492 2 CREDITS
 Prereq: MATH 317 OR MATH 407
 6698005 1 M 3:10-5:00
 MEETS: JAN 8-MAY 4
 6698010 2 ARRANGED
 MEETS: JAN 8-MAY 4

SPECIAL TOPICS MATH 495 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7683005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

TOPOLOGY MATH 502 3 CREDITS
 Prereq: MATH 414 OR MATH 501
 4958005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

ABSTRACT ALGEBRA II MATH 505 3 CREDITS
 Prereq: MATH 504
 5187005 A MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

LINEAR ALGEBRA MATH 510 3 CREDITS
 Prereq: MATH 317, OR MATH 407, OR MATH 207
 MATH 301, OR MATH 207 AND MATH 414
 5191005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

FNCT SNGL CMLPX VAR MATH 511 3 CREDITS
 Prereq: MATH 414 OR MATH 501
 5192005 A MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

REAL ANALYSIS II MATH 516 3 CREDITS
 Prereq: MATH 515
 8868005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

FINITE DIFFRNC MTHD MATH 517 3 CREDITS
 Prereq: MATH 481 OR MATH 561
 6101005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

MTH APPLIED MATH II MATH 520 3 CREDITS
 Prereq: MATH 519
 2297005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 7681600 XE ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

NUMERICAL ANALYS II MATH 562 3 CREDITS
 Prereq: MATH 317
 7503005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

NONLINEAR SYSTEMS MATH 578 3 CREDITS
 Prereq: E E 577
 8195005 MW 4:10-5:30
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

EXTREMAL GRAPH THRY MATH 608 3 CREDITS
 Prereq: MATH 607
 9095005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

SEMINAR MATH 610 VAR. CREDITS
 Note: OFFERED FOR 3 CREDITS SPRING 2018
 5231005 A M 2:10-5:00
 MEETS: JAN 8-MAY 4
 5231010 B R 2:10-5:00
 MEETS: JAN 8-MAY 4

ADV PROBILTY THRY MATH 642 3 CREDITS
 Prereq: STAT 542; MATH 641 OR MATH 515
 3530005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

ADV STOCHAST PROCES MATH 645 3 CREDITS
 5215005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

MATH MODEL PHYSC SY MATH 646 3 CREDITS
 1822005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

PARTIAL DIFF EQ II MATH 656 3 CREDITS
 Prereq: MATH 655
 5228005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

MATHEMATICS

(CONTINUED)

ADV TOPCS DIFF EQUA MATH 680E 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 5243005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 9082010 2 MW 10:00-11:50
 MEETS: JAN 8-MAY 4
 9082015 3 MW 12:10-2:00
 MEETS: JAN 8-MAY 4
 9082020 4 MW 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 9082025 5 TR 8:00-9:50
 MEETS: JAN 8-MAY 4
 9082030 6 TR 10:00-11:50
 MEETS: JAN 8-MAY 4
 9082035 7 TR 12:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 8346010 2 MW 10:00-11:50
 ARRANGED
 MEETS: JAN 8-MAY 4
 8346015 3 MW 12:10-2:00
 ARRANGED
 MEETS: JAN 8-MAY 4
 8346020 4 MW 2:10-4:00, ARRANGED
 MEETS: JAN 8-MAY 4
 8346025 5 MW 4:10-6:00PM
 ARRANGED
 MEETS: JAN 8-MAY 4
 Section info: <http://http://www.me.iastate.edu/students/me-170-laptop-requirements/>
 Cmptr reqmt: <http://http://www.me.iastate.edu/students/me-170-laptop-requirements/>
 8346030 6 TR 8:00-9:50, ARRANGED
 MEETS: JAN 8-MAY 4
 8346035 7 TR 10:00-11:50
 ARRANGED
 MEETS: JAN 8-MAY 4
 8346040 8 TR 2:10-4:00, ARRANGED
 MEETS: JAN 8-MAY 4
 8346045 9 TR 4:10-6:00PM
 ARRANGED
 MEETS: JAN 8-MAY 4
 8346050 10 TR 12:10-2:00
 ARRANGED
 MEETS: JAN 8-MAY 4

MECH ENGR PRO PLAN M E 202 R CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 4870005 A R 2:10-3:00
 MEETS: JAN 8-MAY 4
 4870010 B R 3:10-4:00
 MEETS: JAN 8-MAY 4

GLOBAL SUSTAINBLTY 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 HALLAM A
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 4877010 B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 4877015 C MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 4877020 D TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 4877025 E TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 4877030 F TR 9:30-10:50
 MEETS: JAN 8-MAY 4

MECHANICAL ENGINEERING

(CONTINUED)

ENGR THERMODYNAM I M E 231 3 CREDITS
 4877035 G TR 12:40-2:00
 MEETS: JAN 8-MAY 4

INTR MCH ENG DESIGN M E 270 3 CREDITS
 Prereq: M E 160 OR EQUIVALENT, M E 170 OR
 EQUIVALENT, PHYS 221
 Note: COURSE RESTRICTED TO M E MAJORS ONLY.

6270005 A ARRANGED
 MWF 10:00-11:50
 MEETS: JAN 8-MAY 4
 6270010 B ARRANGED
 MWF 12:10-2:00
 MEETS: JAN 8-MAY 4
 6270015 C ARRANGED
 TR 8:00-10:50
 MEETS: JAN 8-MAY 4
 6270020 D ARRANGED
 MWF 2:10-4:00
 MEETS: JAN 8-MAY 4
 6270025 E ARRANGED
 TR 11:00-2:00
 MEETS: JAN 8-MAY 4
 6270030 F ARRANGED TR 2:10-5:00
 MEETS: JAN 8-MAY 4
 6270035 G ARRANGED
 MWF 8:00-9:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC A RESTRICTED TO M E AND A E MAJORS ONLY.
 6277010 B MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 6277015 C MWF 3:10-4:00
 MEETS: JAN 8-MAY 4
 Note: SEC C RESTRICTED TO A E, M E MAJORS ONLY

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 8-MAY 4
 4270010 2 W 9:00-10:50
 MEETS: JAN 8-MAY 4
 4270015 3 R 8:00-9:50
 MEETS: JAN 8-MAY 4
 4270020 4 F 8:00-9:50
 MEETS: JAN 8-MAY 4
 4270025 5 T 10:00-11:50
 MEETS: JAN 8-MAY 4
 4270030 6 W 11:00-12:50
 MEETS: JAN 8-MAY 4
 4270035 7 R 10:00-11:50
 MEETS: JAN 8-MAY 4
 4270040 8 F 10:00-11:50
 MEETS: JAN 8-MAY 4
 4270045 9 M 1:10-3:00
 MEETS: JAN 8-MAY 4
 4270050 10 T 12:10-2:00
 MEETS: JAN 8-MAY 4
 4270055 11 W 1:10-3:00
 MEETS: JAN 8-MAY 4
 4270060 12 R 12:10-2:00
 MEETS: JAN 8-MAY 4
 4270065 13 M 3:10-5:00
 MEETS: JAN 8-MAY 4
 4270070 14 T 2:10-4:00
 MEETS: JAN 8-MAY 4
 4270075 15 W 3:10-5:00
 MEETS: JAN 8-MAY 4
 4270080 16 R 2:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 6287010 B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 6287015 C TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 6287020 D TR 12:40-2:00
 MEETS: JAN 8-MAY 4

ENGR THERMODYNAM 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 8-MAY 4
 4878010 B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 4878015 C MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 4878020 D MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

MECHANICAL ENGINEERING (CONTINUED)

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 8-MAY 4
 5703010 B TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 5703015 C MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 5703020 1 T 8:00-9:50
 MEETS: JAN 8-MAY 4
 5703025 2 W 8:00-9:50
 MEETS: JAN 8-MAY 4
 5703030 3 R 8:00-9:50
 MEETS: JAN 8-MAY 4
 5703035 4 F 8:00-9:50
 MEETS: JAN 8-MAY 4
 5703040 5 T 10:00-11:50
 MEETS: JAN 8-MAY 4
 5703045 6 W 10:00-11:50
 MEETS: JAN 8-MAY 4
 5703050 7 R 10:00-11:50
 MEETS: JAN 8-MAY 4
 5703055 8 F 10:00-11:50
 MEETS: JAN 8-MAY 4
 5703060 9 W 12:10-2:00
 MEETS: JAN 8-MAY 4
 5703065 10 F 12:10-2:00
 MEETS: JAN 8-MAY 4
 5703070 11 T 2:10-4:00
 MEETS: JAN 8-MAY 4
 5703075 12 W 2:10-4:00
 MEETS: JAN 8-MAY 4
 5703080 13 R 2:10-4:00
 MEETS: JAN 8-MAY 4
 5703085 14 F 2:10-4:00
 MEETS: JAN 8-MAY 4
 5703090 15 W 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 5703095 16 T 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 5703100 17 R 4:10-6:00PM
 MEETS: JAN 8-MAY 4

ENGINEERING DYNAMICS M E 345 3 CREDITS
 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).

9967005 1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 9967010 2 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 9967015 3 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 9967020 4 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

ENGINEERING MEASUREMENTS M E 370 3 CREDITS
 Prereq: E E 442, STAT 305
 Note: RESTRICTED TO M E MAJORS ONLY.
 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION.

4881005 A MW 8:00-8:50
 MEETS: JAN 8-MAY 4
 4881105 B MW 8:00-8:50
 MEETS: JAN 8-MAY 4
 4881010 1 T 9:00-11:50
 MEETS: JAN 8-MAY 4
 4881015 2 W 9:00-11:50
 MEETS: JAN 8-MAY 4
 4881020 3 R 9:00-11:50
 MEETS: JAN 8-MAY 4
 4881025 4 F 8:00-10:50
 MEETS: JAN 8-MAY 4
 4881030 5 M 12:10-3:00
 MEETS: JAN 8-MAY 4
 4881035 6 T 12:10-3:00
 MEETS: JAN 8-MAY 4
 4881040 7 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 4881045 8 R 12:10-3:00
 MEETS: JAN 8-MAY 4
 4881050 9 F 11:00-2:00
 MEETS: JAN 8-MAY 4
 4881055 10 M 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 4881060 11 T 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 4881065 12 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 4881070 13 R 3:10-6:00PM
 MEETS: JAN 8-MAY 4
 4881075 14 F 2:10-5:00
 MEETS: JAN 8-MAY 4

MECHANICAL ENGINEERING (CONTINUED)

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

HM-CTR DSN:PREDEPAR M E 401X 1 CREDIT
 Prereq: ACCEPTANCE INTO STUDY ABROAD PROGRAM
 Satisfactory-Fail Only.
 9857005 ARRANGED
 MEETS: JAN 8-MAY 4

MECHANICAL SYST DSN M E 415 3 CREDITS
 Prereq: M E 324, M E 325
 4888005 A TR 8:00-10:50
 MEETS: JAN 8-MAY 4
 4888010 B TR 11:00-1:50
 MEETS: JAN 8-MAY 4
 4888015 C TR 2:10-5:00
 MEETS: JAN 8-MAY 4
 4888020 D MWF 10:00-11:50
 MEETS: JAN 8-MAY 4
 4888025 E MWF 1:10-3:00
 MEETS: JAN 8-MAY 4

MECHANISM DESIGN&ANLY M E 416X 3 CREDITS
 Prereq: E M 345, M E 325
 9859005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

ADV MACHINE DESIGN M E 417 3 CREDITS
 Prereq: M E 325, MAT E 273
 7636005 A MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

COMPUTER-AIDED DSGN M E 419 3 CREDITS
 Prereq: M E 325
 6207005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 6310006 B TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 6310010 1 W 8:00-9:50
 MEETS: JAN 8-MAY 4
 6310015 2 W 10:00-11:50
 MEETS: JAN 8-MAY 4
 6310020 3 F 10:00-11:50
 MEETS: JAN 8-MAY 4
 6310025 4 W 12:10-2:00
 MEETS: JAN 8-MAY 4
 6310030 5 F 12:10-2:00
 MEETS: JAN 8-MAY 4
 6310035 6 T 1:10-3:00
 MEETS: JAN 8-MAY 4
 6310040 7 R 1:10-3:00
 MEETS: JAN 8-MAY 4
 6310045 8 W 2:10-4:00
 MEETS: JAN 8-MAY 4
 6310050 9 F 2:10-4:00
 MEETS: JAN 8-MAY 4
 6310055 10 T 3:10-5:00
 MEETS: JAN 8-MAY 4
 6310060 11 R 3:10-5:00
 MEETS: JAN 8-MAY 4
 6310065 12 W 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 6310070 13 F 8:00-9:50
 MEETS: JAN 8-MAY 4

VEHI DYN&SUSPEN DSN M E 427X 3 CREDITS
 Prereq: MATH 265, MATH 267, E M 345
 9862005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

HEAT TRANSFER M E 436 4 CREDITS
 Prereq: M E 335
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. RESTRICTED TO BSE,
 M E, CON E, A E MAJORS.

5711005 A MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 5711010 B MWF 8:00-8:50
 MEETS: JAN 8-MAY 4
 5711011 C MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 5711012 D MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 5711015 1 T 8:00-9:50
 MEETS: JAN 8-MAY 4
 5711020 2 W 9:00-10:50
 MEETS: JAN 8-MAY 4
 5711025 3 R 8:00-9:50
 MEETS: JAN 8-MAY 4
 5711030 4 F 9:00-10:50
 MEETS: JAN 8-MAY 4

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

HEAT TRANSFER M E 436 4 CREDITS
 5711035 5 T 10:00-11:50
 MEETS: JAN 8-MAY 4
 5711040 6 R 10:00-11:50
 MEETS: JAN 8-MAY 4
 5711045 7 T 12:10-2:00
 MEETS: JAN 8-MAY 4
 5711050 8 W 1:10-3:00
 MEETS: JAN 8-MAY 4
 5711055 9 R 12:10-2:00
 MEETS: JAN 8-MAY 4
 5711060 10 F 1:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

HEAT&AIR COND DSIGN M E 442 3 CREDITS
 Prereq: M E 441
 4893005 1 MWF 2:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

FLUID DYN TURBOMACH M E 448 3 CREDITS
 Prereq: M E 335 OR EQUIVALENT
 Note: COURSE RESTRICTED TO M E MAJORS ONLY.
 4898005 MWF 11:00-11:50 SHARMA A
 MEETS: JAN 8-MAY 4

ENGINEERG ACOUSTICS M E 451 3 CREDITS
 Prereq: PHYS 221 AND MATH 266 OR MATH 267
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE. LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB IS HELD.
 4901005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

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

MICRO &NANOFLUIDICS M E 502X 3 CREDITS
 Prereq: M E 436 OR AN UNDERGRADUATE CLASS ON TRANSPORT PHENOMENA, OR PERMISSION OF INSTRUCTOR
 9863005 A MW 3:10-4:30
 MEETS: JAN 8-MAY 4

ECN&POLCY ENRGY SYS M E 510 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 3702005 TR 3:40-4:55
 MEETS: JAN 8-MAY 4
 3702605 XE ARRANGED MBA-WRIGHT M
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

ADV CONTROL DESIGN M E 511 3 CREDITS
 Prereq: M E 411
 8144005 A TR 12:40-2:00 REN J
 MEETS: JAN 8-MAY 4
 8144605 XE ARRANGED REN J
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

ADV MACHINE DESIGN M E 517 3 CREDITS
 Prereq: M E 325, MAT E 273
 8809005 A MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 8809605 XE ARRANGED SHROTRIYA P
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

MECH CONSID ROBOTCS M E 518 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN M E 421
 7960005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 7960605 XE ARRANGED LUECKE G
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

BHV&MFG POLYM&CMPOS M E 521 3 CREDITS
 Prereq: M E 324 OR MAT E 272 AND E M 324
 4926005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 4926605 XE ARRANGED HU S
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

COMPRESBL FLUID FLO M E 532 3 CREDITS
 Prereq: AER E 311 OR M E 335
 6272005 1 MWF 3:10-4:00 WARD T
 MEETS: JAN 8-MAY 4

THRMOCHM PROC BIOMS M E 535 3 CREDITS
 Prereq: UNDERGRAD COURSEWORK IN THERMODYNAMICS AND TRANSPORT PHENOMENA
 4863005 A TR 12:40-1:55
 MEETS: JAN 8-MAY 4

ADV HEAT TRANSFER M E 536 3 CREDITS
 Prereq: M E 436
 4933005 A MW 3:10-4:30
 MEETS: JAN 8-MAY 4
 4933605 XE ARRANGED SIPPET T
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

ADVANCED COMBUSTION M E 542 3 CREDITS
 Prereq: M E 332 OR CH E 381
 4937005 A TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 4937605 XE ARRANGED MICHAEL J
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

FLU MECH&HEAT TR II M E 547 3 CREDITS
 Prereq: AER E 546 OR AER E 546
 4940005 MWF 1:10-2:00 RAJAGOPALAN R
 MEETS: JAN 8-MAY 4

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.
 9860005 A TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 9860605 XE ARRANGED CLAUSSEN J
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

SLD MODEL&GPU CMPUT M E 570X 3 CREDITS
 Prereq: M E 170, M E 419; OR INSTRUCTOR PERMISSN
 9972005 A TR 2:10-3:30
 MEETS: JAN 8-MAY 4

OPTIMAL CONTROL M E 574 3 CREDITS
 Prereq: E E 577
 8197005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

DIGIT FEEDBCK CNTRL M E 576 3 CREDITS
 Prereq: E E 475 OR AER E 432 OR M E 411 OR M E 414 OR MATH 415; AND MATH 267
 8198005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

NONLINEAR SYSTEMS M E 578 3 CREDITS
 Prereq: E E 577
 8200005 MW 4:10-5:30
 MEETS: JAN 8-MAY 4

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 CPLX FLU SY M E 590U 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CLEAN ENRGY M E 590V 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP DS&MFG INNOV M E 590W 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SIMUL&VISULZ M E 590Z 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROBLSTC ENGR ANALYS M E 591X 3 CREDITS
 Prereq: LINEAR ALGEBRA OR MATH 207; PROBABILITY
 THEORY OR STAT 231; OR PERMISSION OF INSTRUCTOR
 9971005 A MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

MACH LRN CYB-PHY SY M E 592X 3 CREDITS
 Prereq: BASICS OF LINEAR ALGEBRA, PROBABILITY
 THEORY AND COMPUTER PROGRAMMING
 9865005 TR 3:40-5:00
 MEETS: JAN 8-MAY 4

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

SEMINAR M E 600 R CREDIT
 4964005 A ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC A FOR FIRST YEAR STUDENTS
 4964010 B ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR CONTINUING STUDENTS
 4964015 C ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC C FOR STUDENTS IN P3 PROGRAM

SURFACE MODELING M E 625 3 CREDITS
 Prereq: M E 557, PROGRAMMING EXPERIENCE IN C
 5749005 A TR 11:00-12:15
 MEETS: JAN 8-MAY 4
 5749605 XE ARRANGED HSU M
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

MULTIPHASE FLOW M E 632 3 CREDITS
 Prereq: M E 538
 4967005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 4967605 XE ARRANGED JUAREZ J
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

ADV TOP ENGR COMPUT M E 690Q VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 8-MAY 4

RESEARCH M E 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY

EARTH,WIND&F ORIENT MTEOR 113 1 CREDIT
 9304005 M 4:10-5:00 FLORY D
 MEETS: JAN 8-MAY 4

WORLD WATER RESOURC MTEOR 160 3 CREDITS
 Note: Meets international perspectives reqmt
 3242005 MWF 9:00-9:50 FRANZ K
 MEETS: JAN 8-MAY 4

INTRO WEATHER&CLIMT MTEOR 206 3 CREDITS
 5375005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATN MTEOR 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4813005 ARRANGED
 MEETS: JAN 8-MAY 4

GEN METEOROLOGY I MTEOR 301 4 CREDITS
 Prereq: MATH 166, CREDIT OR ENROLLMT IN PHYS 222
 5376005 1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

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 WOOD A
 MEETS: JAN 8-MAY 4
 5614600 XW ARRANGED WOOD A
 MEETS: JAN 8-MAY 4
 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
 MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATN MTEOR 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4823005 ARRANGED
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: ON-CAMPUS SEC RESTRICTED TO AGRON, GEOL, MTEOR,
 ENSCA, ENSCS & GE AT MAJORS ONLY
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

WORLD CLIMATES MTEOR 406 3 CREDITS
 Prereq: AGRON 206/MTEOR 206
 Note: Meets international perspectives reqmt
 5384005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

MESOSCALE METEORLGY MTEOR 407 3 CREDITS
 Prereq: MATH 166, MTEOR 443
 1066005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

MESOSCA FORECAS LAB MTEOR 417 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 411
 5389005 TR 2:10-4:30
 MW 2:30-3:00
 MEETS: JAN 8-MAY 4

INSTRUMNT&MEASURMNT MTEOR 432 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 266, PHY 222
 5377005 MF 3:10-4:00
 W 3:10-5:00
 MEETS: JAN 8-MAY 4

DYNAMIC METEOROLG I MTEOR 443 3 CREDITS
 Prereq: MTEOR 341
 5385005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

METEOROLOGY (CONTINUED)

METEOROLOGY (CONTINUED)

SURV REMOTE SNS TEC MTEOR 489 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING
 9748005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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 OR E E 589
 5208005 1 R 11:00-1:50
 MEETS: JAN 8-MAY 4

IND STUDY SYNOPTIC MTEOR 490A 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION
 8424005 ARRANGED
 MEETS: JAN 8-MAY 4

INDEP STUDY DYNAMIC MTEOR 490B 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION
 8425005 1 ARRANGED
 MEETS: JAN 8-MAY 4
 8425010 2 ARRANGED
 MEETS: JAN 8-MAY 4

IND STUDY PHYSICAL MTEOR 490C 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION
 8426005 1 ARRANGED
 MEETS: JAN 8-MAY 4
 8426010 2 ARRANGED
 MEETS: JAN 8-MAY 4

IND STU INSTRUMENTN MTEOR 490D 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION
 1010005 ARRANGED
 MEETS: JAN 8-MAY 4

IND STUDY HYDROLOGY MTEOR 490E 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION
 8668005 ARRANGED
 MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATN MTEOR 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4824005 ARRANGED
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

MESOSCALE MTEOROLGY MTEOR 507 3 CREDITS
 Prereq: MATH 166 AND MTEOR 443
 2521005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

MICROWV REMOTE SENS MTEOR 518 3 CREDITS
 Prereq: MATH 265 OR EQUIVALENT
 5860005 TR 11:00-12:30
 MEETS: JAN 8-MAY 4

SURV REMOTE SNS TEC MTEOR 589 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING
 9750005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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 OR E E 589
 5628005 1 R 11:00-1:50
 MEETS: JAN 8-MAY 4

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8427005 ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8429005 ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8430005 ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8431005 ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 8432005 ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8433005 ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8434005 ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOP STAT METHDS MTEOR 590H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8435005 ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8437005 ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1230005 ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3901005 ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3904005 ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8669005 ARRANGED
 MEETS: JAN 8-MAY 4

SP TOP GEOPH FLU DY MTEOR 590N 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9186120 TC ARRANGED
 MEETS: JAN 8-MAY 4

GRADUATE SEMINAR MTEOR 595A 1 CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3596005 F 4:10-6:00PM ZHOU Y
 MEETS: JAN 8-MAY 4

GRADUATE SEMINAR MTEOR 595B R CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3599005 F 4:10-6:00PM ZHOU Y
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 1433010 2 MW 9:30-10:50
 MEETS: JAN 8-MAY 4
 1433015 3 MW 11:00-12:20
 MEETS: JAN 8-MAY 4
 1433020 4 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 1433025 5 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 1433030 6 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 1433035 7 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 1433040 8 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

MICROBIOLOGY

(CONTINUED)

MICROBIOLOGY

(CONTINUED)

INTRO MICROBIOL LAB MICRO 201L 1 CREDIT
 1433045 9 MW 9:30-10:50
 MEETS: JAN 8-MAY 4
 1433050 10 MW 11:00-12:20
 MEETS: JAN 8-MAY 4
 1433055 11 MW 11:00-12:20
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 1426010 B ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW

MICROBIOLOGY LAB MICRO 302L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MICRO 302
 Note: CREDIT FOR EITHER MICRO 302L OR MICRO 201L,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 3024005 1 MW 1:10-2:30
 MEETS: JAN 8-MAY 4
 3024010 2 MW 1:10-2:30
 MEETS: JAN 8-MAY 4
 3024015 3 MW 2:40-4:00
 MEETS: JAN 8-MAY 4
 3024020 4 TR 1:10-2:30
 MEETS: JAN 8-MAY 4
 3024025 5 TR 2:40-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

GENOME PRSPCTV BIOL MICRO 349 3 CREDITS
 9399005 T 3:40-5:30
 R 3:40-5:30
 MEETS: JAN 8-MAY 4

INTRO PARASITOLOGY MICRO 353 3 CREDITS
 Prereq: BIOL 212
 7682005 TR 9:30-10:50 JONES D
 MEETS: JAN 8-MAY 4

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 JURENKA R
 MEETS: JAN 8-MAY 4

INSCTS&OUR HLTH LAB MICRO 374L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN ENT 374
 6329005 W 9:00-11:50 SMITH R
 MEETS: JAN 8-MAY 4

SAFTY FOOD FROM ANI MICRO 407 3 CREDITS
 Prereq: MICRO 420
 1881005 1 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

FOODBORNE HAZARDS MICRO 419 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302, A COURSE IN
 BIOCHEMISTRY
 Note: CREDIT FOR EITHER FS HN\TOX\MICRO 419 OR
 FS HN\TOX\NUTRS 519, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 1462005 1 MWF 11:00-11:50 MENDONCA A
 MEETS: JAN 8-MAY 4

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 COLEMAN S
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 5319010 2 T 3:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

IMMUNOLOGY LAB MICRO 475L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MICRO 310 OR
 MICRO 475 OR MICRO 575
 6720005 1 TR 1:10-5:00
 MEETS: JAN 8-MARCH 2

BACT-PLANT INTERACT MICRO 477 3 CREDITS
 Prereq: 3 CREDITS IN MICROBIOL OR PLANT PATHOLOGY
 5646005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

SAFTY FOOD FROM ANI MICRO 507 3 CREDITS
 Prereq: MICRO 420
 2129005 1 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

LIVESTK IMMUNOGENET MICRO 540 2 CREDITS
 Prereq: AN S 561 OR MICRO 575 OR V MPM 520
 7622005 1 ARRANGED
 MEETS: JAN 8-MAY 4

VIROLOGY MICRO 554 1 CREDIT
 Prereq: UNDERGRADUATE COURSES IN GENERAL MICRO
 AND GENETICS
 7118005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

FUNGAL BIOLOGY MICRO 555 1 CREDIT
 Prereq: MICRO 302, BIOL 313
 7138005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

MICROORGNSM ECOLOGY MICRO 556 1 CREDIT
 Prereq: MICRO 302, BIOL 313
 7159005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

SPECIAL TOPICS MICRO 590 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR MICRO 604 1 CREDIT
 Satisfactory-Fail Only.
 6962005 A T 4:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

SEM N MOLEC,C,DV BIO MICRO 698 1- 2 CREDITS
 5350005 M 3:10-5:00
 MEETS: JAN 8-MAY 4

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 REILLY S
 MEETS: JAN 8-MAY 4
 4995010 2 W 10:00-10:50 REILLY S
 MEETS: JAN 8-MAY 4

MILITARY SCIENCE

(CONTINUED)

MOLECULAR CELLULAR DEV BIOLOGY

(CONTINUED)

BASIC LDRSHIP LAB II M S 102L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN M S 102 REQUIRED
 Note: CONCURRENT ENROLLMENT IN M S 102 REQUIRED
 2983005 1 W 4:10-6:00PM REILLY S
 MEETS: JAN 8-MAY 4

ARMY PHY READINESS M S 150 1 CREDIT
 8414005 1 MTF 6:00-7:15 BOWMAN J
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 4999010 2 MW 11:00-11:50 BOWMAN J
 MEETS: JAN 8-MAY 4

BAS LEADRSHIP LAB IV M S 202L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN M S 202 REQUIRED
 Note: CONCURRENT ENROLLMENT IN M S 202 REQUIRED
 3198005 1 W 4:10-6:00PM BOWMAN J
 MEETS: JAN 8-MAY 4

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 CULBERTSON J
 MEETS: JAN 8-MAY 4
 Note: Department permission required.

IND STDY:BASIC MILI M S 290 1- 3 CREDITS
 Prereq: PERMISSION OF THE M S DEPT CHAIR
 8153005 1 ARRANGED GUERTMAN M
 MEETS: JAN 8-MAY 4
 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 CULBERTSON J
 MEETS: JAN 8-MAY 4
 Note: Department permission required.
 5002010 2 TR 11:00-12:20 CULBERTSON J
 MEETS: JAN 8-MAY 4
 Note: Department permission required.

ADV LEADRSHIP LAB II M S 302L 1 CREDIT
 Prereq: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 302 AND PERMISSION OF
 THE DEPARTMENT CHAIR OF MILITARY SCIENCE
 5005005 1 W 4:10-6:00PM CULBERTSON J
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: Department permission required.
 5009010 2 ARRANGED DIAL E
 MEETS: JAN 8-MAY 4
 Note: Department permission required.

ADV LEADRSHIP LAB IV M S 402L 1 CREDIT
 Prereq: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 402L AND PERMISSION OF
 THE MILITARY SCIENCE DEPARTMENT CHAIR
 5010005 1 W 4:10-6:00PM DIAL E
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: Department permission required.

SEMNL MOLEC,C,DV BIO MCDB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2018
 5275005 M 3:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 7180010 B MWF 3:10-4:00
 MEETS: JAN 8-MAY 4

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS
 Note: Meets international perspectives reqmt
 5406005 A MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 5406010 B MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

WIND ENSEMBLE MUSIC 111 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5408005 MWRF 12:10-1:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5409010 B R 7:10-9:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5410010 B MW 3:10-4:40
 MEETS: JAN 8-MAY 4

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 8-MAY 4

SYMPHONIC BAND MUSIC 115 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 9610005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

APPLIED MUSIC VOICE MUSIC 118A 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: CREDIT IN MUSIC 118A WILL NOT SATISFY APPLIED
 MUSIC REQUIREMENTS FOR MUSIC MAJORS
 APPLIED MUSIC FEE \$150.00-\$190.00
 Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: CREDIT IN MUSIC 118B WILL NOT SATISFY APPLIED
 MUSIC REQUIREMENTS FOR MUSIC MAJORS
 APPLIED MUSIC FEE \$150.00-\$190.00
 Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 118C 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 118D 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

MOLECULAR CELLULAR DEV BIOLOGY

ADV MOLECULR GENETC MCDB 511 3 CREDITS
 Prereq: BIOL 313 AND BBMB 405
 5303005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

GRAD RESRCH ROTATN MCDB 697 1- 6 CREDITS
 Satisfactory-Fail Only.
 7278005 ARRANGED
 MEETS: JAN 8-MAY 4

MUSIC (CONTINUED)

MUSIC (CONTINUED)

APPL MUSIC CARILLON MUSIC 118E 1- 2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 118F 1- 2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 118G 1- 2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: CREDIT IN MUSIC 118G WILL NOT SATISFY APPLIED
MUSIC REQUIREMENTS FOR MUSIC MAJORS
APPLIED MUSIC FEE \$150.00-\$190.00
Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 118I 1- 2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: CREDIT IN MUSIC 118I WILL NOT SATISFY APPLIED
MUSIC REQUIREMENTS FOR MUSIC MAJORS
APPLIED MUSIC FEE \$150.00-\$190.00
Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 119A 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 119D 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 119E 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 119F 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 119I 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

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 8-MAY 4

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 8-MAY 4
5433010 B TR 11:00-11:50
MEETS: JAN 8-MAY 4
5433015 C MW 12:10-1:00
MEETS: JAN 8-MAY 4

LYRICA WOMENS CHOIR MUSIC 141 1 CREDIT
Prereq: OPEN TO ALL FEMALE STUDENTS BY AUDITION
5437005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

CANTAMUS WMNS CHOIR MUSIC 151A 1 CREDIT
Prereq: OPEN TO ALL STUDENTS BY AUDITION
4461005 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

STATESMEN MNS CHOIR MUSIC 151B 1 CREDIT
Prereq: OPEN TO ALL STUDENTS BY AUDITION
4471005 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

IOWA STATE SINGERS MUSIC 161 1 CREDIT
Prereq: OPEN TO ALL STUDENTS BY AUDITION
5441005 MTWRF 12:10-1:00
MEETS: JAN 8-MAY 4

SYMPHONY ORCHESTRA MUSIC 181 1 CREDIT
Prereq: OPEN TO ALL STUDENTS BY AUDITION
5443005 TR 4:10-6:00PM
MEETS: JAN 8-MAY 4

APPLIED MUSIC VOICE MUSIC 219A 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 219B 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 219C 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 219D 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 219E 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 219F 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 219I 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

CLASS STDY PIANO IV MUSIC 228 1 CREDIT
Prereq: MUSIC 227 OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
THE INSTRUCTOR.
Instructor permission required 1st week.
5456005 A TR 10:00-10:50
MEETS: JAN 8-MAY 4
5456010 B MW 11:00-11:50
MEETS: JAN 8-MAY 4

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 8-MAY 4
2430010 B MWF 10:00-10:50
MEETS: JAN 8-MAY 4

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 8-MAY 4

INTRO CRTV DGTL MUS MUSIC 246 2 CREDITS
Prereq: MUSIC 101, MUSIC 105, OR MUSIC 224,
OR PERMISSION OF INSTRUCTOR
5578005 MW 1:10-2:00
MEETS: JAN 8-MAY 4

MU INSTRUCT TECHNOL MUSIC 248 2 CREDITS
Prereq: MUSIC 224 AND MUSIC 225
Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
4158005 TR 10:00-10:50
MEETS: JAN 8-MAY 4

MUSIC IN ELEM EDUC MUSIC 265 2 CREDITS
Prereq: HD FS 102 OR PSYCH 230
7209005 A TR 3:10-4:00
MEETS: JAN 8-MAY 4
7209015 C TR 4:10-5:00
MEETS: JAN 8-MAY 4
7209020 D TR 5:10-6:00PM
MEETS: JAN 8-MAY 4

MUSIC (CONTINUED)

INTRO TO MUSIC EDUC MUSIC 266 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN MUSIC 480K
 480K
 5459005 A MW 3:10-4:00
 MEETS: JAN 8-MAY 4
 5459010 B MW 8:00-8:50
 MEETS: JAN 8-MAY 4

PRE-TCH EXP I:MUSIC MUSIC 280K .5 CREDIT
 Satisfactory-Fail Only.
 5807005 ARRANGED
 MEETS: JAN 8-MAY 4

SPCL PROB EDUCATION MUSIC 290A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: ADDITIONAL EXPENSES MAY BE APPLIED
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: ADDITIONAL EXPENSES MAY APPLY FOR LESSONS
 SEE SPECIFIC SECTION FOR DETAILS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 8-MAY 4

OPERA STDO MU THTRE MUSIC 301B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8670005 ARRANGED
 MEETS: MARCH 5-MAY 4

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 8-MAY 4

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

MUSIC (CONTINUED)

APPL MUSIC WOODWIND MUSIC 318F 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 318G 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 318I 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 319A 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 319C 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 319D 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 319E 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE MUSIC 321A 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO MUSIC 321B 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE ORGAN MUSIC 321C 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBL STRINGS MUSIC 321D 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMB WOODWINDS MUSIC 321F 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS MUSIC 321G 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSM PERCUSSION MUSIC 321I 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC (CONTINUED)

ADV ENSEMBLE MIXED MUSIC 321J 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

FUNC PIANO FOR VOIC MUSIC 327B 2 CREDITS
 Prereq: MUSIC 228 OR PERMISSION OF INSTRUCTOR
 2636005 TR 3:10-4:00, ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 2571010 B MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

AURAL THEORY IV MUSIC 345 1 CREDIT
 Prereq: MUSIC 335; CREDIT OR ENROLLMENT IN MUSIC 344
 2602005 A TR 9:00-9:50
 MEETS: JAN 8-MAY 4
 2602010 B TR 8:00-8:50
 MEETS: JAN 8-MAY 4

CPTR MUS PRGRMG DSN MUSIC 346 3 CREDITS
 Prereq: MUSIC 246 OR PERMISSION OF INSTRUCTOR
 8436005 M 3:10-4:00
 W 3:10-5:00
 MEETS: JAN 8-MAY 4

WDWND: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 8-MAY 4

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 8-MAY 4

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 8-MAY 4

LAB ENSEMBLE CHORAL MUSIC 358A R CREDIT
 7331005 W 4:10-5:45
 MEETS: JAN 8-MAY 4

LAB ENSMBLE INSTRUM MUSIC 358B R CREDIT
 Note: ADDITIONAL EXPENSES MAY APPLY Satisfactory-Fail Only.
 7330005 T 12:10-1:00
 MEETS: JAN 8-MAY 4

VOCAL PEDAGOGY MUSIC 360 2 CREDITS
 Prereq: MUSIC 319A OR VOCAL PROFICIENCY EXAM
 5506005 MW 1:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

CHORAL LITERATURE MUSIC 367 2 CREDITS
 Prereq: MUSIC 361 RECOMMENDED
 4597005 TR 4:10-5:00
 MEETS: JAN 8-MAY 4

CHORAL MTHDS INSTRM MUSIC 375 1 CREDIT
 Prereq: CLASSIFICATION AS A MUSIC MAJOR; MUSIC 280K; MUSIC 266; ADMISSION INTO TEACHER EDUCATN
 4375005 T 8:00-8:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

LIT & PEDAGOGY VOICE MUSIC 415A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC (CONTINUED)

LIT & PEDAGOGY PIANO MUSIC 415B 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY ORGAN MUSIC 415C 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG STRINGS MUSIC 415D 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG WOODWIND MUSIC 415F 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY BRASS MUSIC 415G 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG PERCUSSN MUSIC 415I 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG JAZZ PERF MUSIC 415J 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

STUDNT TCH ELEM MUS MUSIC 417R VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2018
 6741005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: Professional support, field trips &/or travel fee \$155.00
 6741010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: Professional support, field trips &/or travel fee \$155.00
 6741015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: Professional support, field trips &/or travel fee \$155.00
 6741020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: Professional support, field trips &/or travel fee \$155.00

STUDNT TCHG SEC MUS MUSIC 417S VAR. CREDITS
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2018
 6690005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER. Professional support, field trips &/or travel fee \$155.00
 6690010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER. Professional support, field trips &/or travel fee \$155.00
 6690015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER. Professional support, field trips &/or travel fee \$155.00
 6690020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER. Professional support, field trips &/or travel fee \$155.00

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

MUSIC

(CONTINUED)

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 8-MAY 4
 Note: COURSES FOR JUNIOR OR SENIOR RECITALS ONLY

EXPERNE III: MUSIC MUSIC 480K 1 CREDIT
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2018
 Satisfactory-Fail Only.
 7691005 ARRANGED
 MEETS: JAN 8-MAY 4

INDEP STDY MUSIC ED MUSIC 490A VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY THEORY MUSIC 490B VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU COMPOSITION MUSIC 490C VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY MUSIC 490D VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LITERATURE MUSIC 490E VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY APPL MUSIC MUSIC 490F VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: 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

MUSIC

(CONTINUED)

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 8-MAY 4
 8032010 2 R 12:10-1:00 BURNETT J
 MEETS: JAN 8-MAY 4

INTR RENEW RESOURCS NREM 120 3 CREDITS
 1297005 MWF 12:10-1:00 RENTZ M
 MEETS: JAN 8-MAY 4

NAT RESOURCES &AGRI NREM 130 3 CREDITS
 1055005 MWF 9:00-9:50 ISENHART T
 MEETS: JAN 8-MAY 4

ARTISTRY IN WOOD NREM 181 1 CREDIT
 8799005 TR 3:40-4:55 STOKKE D
 MEETS: MARCH 5-MAY 4
 Note: Professional support, field trips &/or
 travel fee \$25.00

NAT RESOURC CAREERS NREM 211 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 4467005 R 2:10-3:00 BURNETT J
 MEETS: JAN 8-MAY 4

QUANTV PROBLEM SOLV NREM 240X 3 CREDITS
 Prereq: STAT 101 OR STAT 104, OR PERMISSION
 OF THE INSTRUCTOR
 9918005 MW 12:10-1:00 MOORE P
 R 3:40-5:40 MOORE P
 MEETS: JAN 8-MAY 4

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: TOPIC: FISH PHYSIOLOGY; INCLUDES FIELD TRIPS TO
 AREA BODIES OF WATER TO COLLECT SAMPLES
 OFFERED FOR 3 CREDITS SPRING 2018
 1058005 1 T 3:10-6:00PM WEBER M
 MEETS: JAN 8-MAY 4
 Note: Materials, field trips &/or travel fee
 \$25.00-\$100.00
 1058010 2 R 11:00-2:00 MCMULLEN C
 MEETS: MARCH 5-MAY 4
 Note: SEC 2 OFFERED FOR 1 CREDIT TOPIC: WILD EDIBLES
 Materials, field trips &/or travel fee
 \$25.00-\$100.00

PRIN INTERPRETATION NREM 330 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL SCIENCES
 Note: PARTICIPATION IN FIELD TRIPS IS MANDATORY,
 MUST ALLOW TRAVEL TIME IN YOUR SCHEDULE AS RETURN
 TO AMES MAY BE AFTER 5PM
 COURSE RESTRICTED TO A ECL, FOR MAJORS ONLY
 1070010 1 T 2:10-3:00 RENTZ M
 R 2:10-3:00 RENTZ M
 R 3:10-5:00 RENTZ M
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required.

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

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 8-MAY 4

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 8-MAY 4
 3727010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 8-MAY 4

ECOSYSTEM MANAGMNT NREM 452 3 CREDITS
 Prereq: JR CLASSIFICATION, NREM 301 OR A ECL 312
 Note: COURSE RESTRICTED TO SENIORS ONLY
 5582005 MW 1:10-2:00 SCHULTE-MOORE L
 F 11:00-2:00 SCHULTE-MOORE L
 MEETS: JAN 8-MAY 4

CONTRV NAT RSRC MGT NREM 460 3 CREDITS
 Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND
 JUNIOR CLASSIFICATION
 7598005 1 TR 11:00-12:20 MOORE P
 MEETS: JAN 8-MAY 4
 7598010 2 MW 11:00-12:20 STOKKE D
 MEETS: JAN 8-MAY 4

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 8-MAY 4

UNDERGRAD SEMINAR NREM 485 1 CREDIT
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 A ECL OR FOR MAJORS, OTHERS BY PERMISSN OF INSTRUCTOR
 Satisfactory-Fail Only.
 9930005 F 3:10-4:00 MOORE P
 MEETS: JAN 8-MAY 4

SURV REMOTE SNS TEC NREM 489 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 9752005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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 OR E E 589
 5267005 1 R 11:00-1:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

INDEP STUDY HONORS NREM 490H 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM

 SEE DEPT FOR REFERENCE NUMBERS

INTERNATIONL TRAVEL NREM 496A 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 2596800 MG ARRANGED DINSMORE S
 MEETS: JAN 8-MAY 4
 Note: SEC MG TAUGHT IN MADAGASCAR. NATURAL HISTORY
 OF MADAGASCAR. STUDY ABROAD SPRING 2018. OFFERED FOR
 3 CREDITS. TRAVEL MARCH 8-19
 Study Abroad Administrative Fee Applies

DOMESTIC TRAVEL NREM 496B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2597005 1 ARRANGED RENTZ M
 MEETS: JAN 8-MAY 4
 Note: SEC 1 TOPIC: YELLOWSTONE
 SEC 1 OFFER FOR 2 CREDITS SPRING 2018
 TRAVEL MARCH 9-18
 FOR UNDERGRADUATE STUDENTS ONLY
 Instructor permission required.
 2597010 2 F 9:00-11:00 THOMPSON J
 MEETS: JAN 8-MAY 4
 Note: SEC 2
 TOPIC: BIODIVERSITY CONSERVATION IN URBAN REGIONS
 SEC 2 FOR GRADUATE STUDENTS ONLY
 Instructor permission required.

COOPERATIVE EDUC NREM 498 1- 3 CREDITS
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Permission of department chair required.
 Satisfactory-Fail Only.
 7593005 ARRANGED BLODGETT S
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 3857010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 8-MAY 4

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: JAN 8-MAY 4

INTRO CELL TECHNIQS NREM 542C 1 CREDIT
 Satisfactory-Fail Only.
 3777005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 8-MAY 4

ECOSYSTEM MANAGMNT NREM 552 3 CREDITS
 Prereq: SENIOR CLASSIFICATION AND NREM 120
 OR EQUIVALENT
 Note: COURSE RESTRICTED TO GRADS ONLY
 1375005 MW 1:10-2:00 SCHULTE-MOORE L
 F 11:00-2:00 SCHULTE-MOORE L
 MEETS: JAN 8-MAY 4

ADV DECSN RES ALLOC NREM 570 3 CREDITS
 Prereq: FOR 451 OR TWO COURSES IN ECONOMICS
 3757005 R 3:10-5:00 TYNDALL J
 F 11:00-12:50 TYNDALL J
 MEETS: JAN 8-MAY 4

AGROFORESTRY SYSTMS NREM 571 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL SCIENCE
 AT 300 LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 4826005 TR 8:00-8:50 RUSSELL A
 M 1:10-4:00 RUSSELL A
 MEETS: JAN 8-MAY 4

SURV REMOTE SNS TEC NREM 589 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 9757005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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 OR E E 589
 6449005 1 R 11:00-1:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC 2
 TOPIC: BIODIVERSITY CONSERVATION IN URBAN REGIONS
 TRAVEL MARCH 7-13
 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

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

RESEARCH NREM 699 1-12 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

NAVAL SCIENCE

SEAPOWR&MARITIME AFF N S 212 3 CREDITS
 7303005 A TR 9:30-10:50
 T 4:10-5:30
 R 4:10-5:30
 MEETS: JAN 8-MAY 4

NAVIGATION N S 230 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 5708005 A TR 8:00-9:20
 T 4:10-5:30
 R 4:10-5:30
 MEETS: JAN 8-MAY 4

FUND MNEUVR WARFARE N S 240 3 CREDITS
 9516005 1 MW 5:10-6:30PM
 TR 4:10-5:30
 MEETS: JAN 8-MAY 4

NAVAL SHIP SYSTM II N S 330 3 CREDITS
 Prereq: PHYS 221, SOPHOMORE CLASSIFICATION
 5707005 A MWF 9:00-9:50
 T 4:10-5:30
 R 4:10-5:30
 MEETS: JAN 8-MAY 4
 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
 TR 4:10-5:30
 MEETS: JAN 8-MAY 4

SENIOR N S SEMINAR N S 440 1 CREDIT
 Prereq: SENIOR CLASSIFICATION
 Satisfactory-Fail Only.
 4061005 TR 4:10-5:30
 MEETS: JAN 8-MAY 4

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

ADV NEUROSCI TECHNQ NEURO 557 3 CREDITS
 Prereq: NEURO 556
 Note: Instructor permission required 1st week.
 8552005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: THERE IS A \$75 FEE ASSOCIATED WITH THIS COURSE

NEUROSCI JOURNL CLB NEURO 690 1 CREDIT
 Prereq: NEURO 556
 8554005 ARRANGED
 MEETS: JAN 8-MAY 4

NEUROSCIENCE SEMINR NEURO 696 1 CREDIT
 Prereq: NEURO 556
 8555005 ARRANGED
 MEETS: JAN 8-MAY 4

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
 7745600 XE ARRANGED MAXWELL G
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

RAD PROTEC&SHIELDNG NUC E 405 3 CREDITS
 Prereq: NUC E 401, PERMISSION OF NUCLEAR
 ENGINEERING PROGRAM DIRECTOR
 7755600 XE ARRANGED MAXWELL G
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

NUCLEAR ENGINEERING (CONTINUED)

NUCLR ENRGY&SOCIETY NUC E 430 3 CREDITS
 Prereq: NUC E 401
 9086005 A ARRANGED
 MEETS: JAN 8-MAY 4
 9086605 XE ARRANGED HARDING M
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

INDEPENDENT STUDY NUC E 490 1- 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

NUTRITIONAL SCIENCES

NON-RUMIN DIGESTIVE NUTRS 518 3 CREDITS
 Prereq: AN S 419 OR NUTRS 501
 8541005 1 ARRANGED
 MEETS: JAN 8-MAY 4

INTR PROTEIN TECHNQ NUTRS 542B 1 CREDIT
 Satisfactory-Fail Only.
 7114005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 8-MAY 4

INTRO CELL TECHNIQS NUTRS 542C 1 CREDIT
 Satisfactory-Fail Only.
 8633005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC A OFFERED FOR 3 CREDITIS SPRING 2018.

NUTR ASPCTS ONCOLGY NUTRS 597 3 CREDITS
 Prereq: B.S. IN NUTRITION, DIETETICS, BIOLOGY,
 OR RELATED DISCIPLINE
 4229005 1 ARRANGED MACDONALD R
 MEETS: JAN 8-MAY 4

SPECIAL PROBLEMS NUTRS 690 VAR. CREDITS
 6201005 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

TOPICS TROPICL BIOL OTS 515 1- 8 CREDITS
 7544005 ARRANGED
 MEETS: JAN 8-MAY 4

PERFORMING ARTS

ISSUES PERFORM ARTS PERF 105 R CREDIT
 Satisfactory-Fail Only.
 3673005 R 4:10-5:30
 MEETS: JAN 8-MAY 4

PERFORM ARTS INTERN PERF 310 R CREDIT
 Satisfactory-Fail Only.
 3677005 ARRANGED
 MEETS: JAN 8-MAY 4

PERFRM ARTS SEMINAR PERF 401 2 CREDITS
 3706005 ARRANGED
 MEETS: JAN 8-MAY 4

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS
 5824005 A MWF 2:10-3:00 TSOU J
 MEETS: JAN 8-MAY 4

5824010 B MWF 12:10-1:00 DOSANJH R
 MEETS: JAN 8-MAY 4

5824015 C MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

5824020 D TR 12:40-2:00 BIGGS S
 MEETS: JAN 8-MAY 4

5824025 E TR 9:30-10:50 ALEXANDER D
 MEETS: JAN 8-MAY 4

Note: SEC E RESTRICTED TO FRESHMAN ONLY
 5824030 F MWF 12:10-1:00

MEETS: JAN 8-MAY 4
 5824035 G MWF 10:00-10:50

MEETS: JAN 8-MAY 4
 5824040 H MWF 1:10-2:00

MEETS: JAN 8-MAY 4

PHILOSOPHY

(CONTINUED)

PHILOSOPHY

(CONTINUED)

INTR SYMBOLIC LOGIC PHIL 207 3 CREDITS
5826005 TR 12:40-2:00 BUTLER A
MEETS: JAN 8-MAY 4

MORAL THEOR&PRCTICE PHIL 230 3 CREDITS
5827005 A MWF 1:10-2:00 HOBSON K
MEETS: JAN 8-MAY 4
5827010 B MWF 2:10-3:00 HOBSON K
MEETS: JAN 8-MAY 4
5827015 C MWF 9:00-9:50 PADGETT-WALSH C
MEETS: JAN 8-MAY 4
5827020 D MWF 10:00-10:50 HOBSON K
MEETS: JAN 8-MAY 4
5827025 E TR 9:30-10:50 BUTLER T
MEETS: JAN 8-MAY 4
5827030 F TR 11:00-12:20 BUTLER T
MEETS: JAN 8-MAY 4
Note: SEC F FOR COLLEGE OF BUSINESS MAJORS ONLY
5827035 G TR 11:00-12:20 HOLMGREN M
MEETS: JAN 8-MAY 4
5827040 J MWF 1:10-2:00 HOLMGREN M
MEETS: JAN 8-MAY 4
5827045 K MWF 12:10-1:00 KNIGHT G
MEETS: JAN 8-MAY 4
5827050 L MWF 10:00-10:50 PADGETT-WALSH C
MEETS: JAN 8-MAY 4
5827055 M MWF 2:10-3:00 HOLMGREN M
MEETS: JAN 8-MAY 4
5827075 P MWF 2:10-3:00 KNIGHT G
MEETS: JAN 8-MAY 4
5827070 Q TR 9:30-10:50 PADGETT-WALSH K
MEETS: JAN 8-MAY 4
5827080 R TR 11:00-12:30 PADGETT-WALSH K
MEETS: JAN 8-MAY 4

ETH ISS DIVERSE SOC PHIL 235 3 CREDITS
Note: Meets U.S. diversity reqmt
4962005 A MWF 1:10-2:00 PADGETT-WALSH C
MEETS: JAN 8-MAY 4

17TH CENTURY PHILOS PHIL 314 3 CREDITS
Prereq: PHIL 201
Note: Instructor permission required 1st week.
5831005 TR 11:00-12:30 BUTLER A
MEETS: JAN 8-MAY 4

20TH C ANGLO-AM PHI PHIL 318 3 CREDITS
Prereq: 6 CR. IN PHILOSOPHY, INCLUDING PHIL 201
1825005 T 3:40-6:00PM BIGGS S
MEETS: JAN 8-MAY 4

EXISTENTIALSM&CRITC PHIL 320 3 CREDITS
Prereq: PHIL 201
5834005 MWF 10:00-10:50 KNIGHT G
MEETS: JAN 8-MAY 4

MORAL PROB MEDICINE PHIL 331 3 CREDITS
Prereq: PHIL 230 OR JUNIOR CLASSIFICATION
5835005 TR 9:30-10:50 KUPFER J
MEETS: JAN 8-MAY 4
5835010 B TR 12:40-2:00 KUPFER J
MEETS: JAN 8-MAY 4

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 WOLF C
MEETS: JAN 8-MAY 4

SOC &POLITICAL PHIL PHIL 335 3 CREDITS
Prereq: PHIL 201 OR PHIL 230
5837005 TR 12:40-2:00 SMITH T
MEETS: JAN 8-MAY 4

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 TSOU J
MEETS: JAN 8-MAY 4
7343010 B MWF 10:00-10:50 TSOU J
MEETS: JAN 8-MAY 4
7343015 C TR 9:30-10:50 SMITH T
MEETS: JAN 8-MAY 4

PHILOS OF RELIGION PHIL 350 3 CREDITS
Prereq: 6 CREDITS IN PHILOSOPHY
5839005 A TR 12:40-2:00 GEIRSSON H
MEETS: JAN 8-MAY 4

BUDDHIST PHILOSOPHY PHIL 353X 3 CREDITS
Prereq: PHIL 201 OR PHIL 230
9903005 MWF 11:00-11:50 HOLMGREN M
MEETS: JAN 8-MAY 4

SCI REVOLU HIST&PHI PHIL 382 3 CREDITS
4033005 MWF 3:10-4:00 MILLER D
MEETS: JAN 8-MAY 4

VALUE THEORY PHIL 430 3 CREDITS
Prereq: PHIL 230
5842005 TR 2:10-3:30 PADGETT-WALSH K
MEETS: JAN 8-MAY 4

TOPICS EPISTEMOLOGY PHIL 466 3 CREDITS
Prereq: 6 CR IN PHILOSOPHY
Note: Instructor permission required 1st week.
5844005 TR 12:40-2:00 ALEXANDER D
MEETS: JAN 8-MAY 4

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

GRADUATING SR SURVEY PHIL 492 R CREDIT
Satisfactory-Fail Only.
3891005 ARRANGED
MEETS: JAN 8-MAY 4

SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5850005 ARRANGED
MEETS: JAN 8-MAY 4

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5851005 ARRANGED
MEETS: JAN 8-MAY 4

SPL TOP VALUE THRY PHIL 590C 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
Note: Instructor permission required.
5852005 ARRANGED
MEETS: JAN 8-MAY 4

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5853005 ARRANGED
MEETS: JAN 8-MAY 4

PHYSICS

INTRO PHYSICS PREP PHYS 50X 0 CREDITS
Prereq: 1 YEAR OF HIGH SCHOOL ALGEBRA
6112005 1 TR 9:30-10:50
MEETS: JAN 8-MAY 4
6112010 2 TR 3:40-5:00
WF 4:10-5:00
MEETS: MARCH 5-MAY 4

PHYS FOR NON-SCIENT PHYS 101 3 CREDITS
5855005 TR 12:40-2:00
MEETS: JAN 8-MAY 4

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 8-MAY 4
8651010 2 M 3:10-4:00
TR 12:10-2:00
MEETS: JAN 8-MAY 4
8651015 3 M 3:10-4:00
TR 2:10-4:00
MEETS: JAN 8-MAY 4
8651020 4 M 3:10-4:00
TR 4:10-6:00PM
MEETS: JAN 8-MAY 4
8651025 5 T 3:40-4:30
WF 8:00-9:50
MEETS: JAN 8-MAY 4
8651030 6 T 3:40-4:30
WF 10:00-11:50
MEETS: JAN 8-MAY 4
8651035 7 T 3:40-4:30
WF 12:10-2:00
MEETS: JAN 8-MAY 4
8651040 8 M 3:10-4:00
TR 2:10-4:00
MEETS: JAN 8-MAY 4

GENERAL PHYSICS PHYS 111 5 CREDITS
Prereq: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF
GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION
FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

PHYSICS

(CONTINUED)

PHYSICS

(CONTINUED)

GENERAL PHYSICS	PHYS 111	5 CREDITS
5857005	1 TR 9:30-10:50 F 8:00-8:50 MEETS: JAN 8-MAY 4	
5857010	2 TR 9:30-10:50 F 9:00-9:50 MEETS: JAN 8-MAY 4	
5857015	3 TR 9:30-10:50 F 10:00-10:50 MEETS: JAN 8-MAY 4	
5857020	4 TR 9:30-10:50 F 11:00-11:50 MEETS: JAN 8-MAY 4	
5857025	5 TR 9:30-10:50 F 12:10-1:00 MEETS: JAN 8-MAY 4	
5857030	6 TR 9:30-10:50 F 1:10-2:00 MEETS: JAN 8-MAY 4	
5857035	7 TR 9:30-10:50 F 2:10-3:00 MEETS: JAN 8-MAY 4	
5857040	8 TR 9:30-10:50 F 3:10-4:00 MEETS: JAN 8-MAY 4	
5857045	9 TR 9:30-10:50 F 4:10-5:00 MEETS: JAN 8-MAY 4	
5857041	10 TR 11:00-12:20 F 9:00-9:50 MEETS: JAN 8-MAY 4	
5857046	11 TR 11:00-12:20 F 10:00-10:50 MEETS: JAN 8-MAY 4	
5857047	12 TR 11:00-12:20 F 11:00-11:50 MEETS: JAN 8-MAY 4	
5857048	13 TR 11:00-12:20 F 12:10-1:00 MEETS: JAN 8-MAY 4	
5857049	14 TR 11:00-12:20 F 1:10-2:00 MEETS: JAN 8-MAY 4	
5857050	15 TR 11:00-12:20 F 2:10-3:00 MEETS: JAN 8-MAY 4	
5857051	16 TR 11:00-12:20 F 3:10-4:00 MEETS: JAN 8-MAY 4	
5857052	17 TR 11:00-12:20 F 4:10-5:00 MEETS: JAN 8-MAY 4	
5857054	A M 8:00-9:50 MEETS: JAN 8-MAY 4	
5857055	B M 10:00-11:50 MEETS: JAN 8-MAY 4	
5857060	C M 12:10-2:00 MEETS: JAN 8-MAY 4	
5857065	D M 2:10-4:00 MEETS: JAN 8-MAY 4	
5857070	E M 4:10-6:00PM MEETS: JAN 8-MAY 4	
5857075	F T 9:00-10:50 MEETS: JAN 8-MAY 4	
5857080	G T 12:10-2:00 MEETS: JAN 8-MAY 4	
5857085	H T 2:10-4:00 MEETS: JAN 8-MAY 4	
5857090	J T 4:10-6:00PM MEETS: JAN 8-MAY 4	
5857095	K W 8:00-9:50 MEETS: JAN 8-MAY 4	
5857100	L W 10:00-11:50 MEETS: JAN 8-MAY 4	
5857084	M W 12:10-2:00 MEETS: JAN 8-MAY 4	
5857105	N W 2:10-4:00 MEETS: JAN 8-MAY 4	
5857110	P W 4:10-6:00PM MEETS: JAN 8-MAY 4	
5857115	Q R 9:00-10:50 MEETS: JAN 8-MAY 4	
5857120	R R 12:10-2:00 MEETS: JAN 8-MAY 4	
5857125	T R 2:10-4:00 MEETS: JAN 8-MAY 4	
5857130	U R 4:10-6:00PM MEETS: JAN 8-MAY 4	
5857135	V R 6:10-8:00PM MEETS: JAN 8-MAY 4	
5857140	X M 6:10-8:00PM MEETS: JAN 8-MAY 4	
5857145	Y W 6:10-8:00PM MEETS: JAN 8-MAY 4	
5857300	LW ARRANGED MEETS: JAN 8-MAY 4	

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 8-MAY 4	
5858010	2 MWF 12:10-1:00 R 9:00-9:50 MEETS: JAN 8-MAY 4	
5858015	3 MWF 12:10-1:00 R 10:00-10:50 MEETS: JAN 8-MAY 4	
5858020	4 MWF 12:10-1:00 R 11:00-11:50 MEETS: JAN 8-MAY 4	
5858025	5 MWF 12:10-1:00 R 12:10-1:00 MEETS: JAN 8-MAY 4	
5858030	6 MWF 12:10-1:00 R 1:10-2:00 MEETS: JAN 8-MAY 4	
5858035	7 MWF 12:10-1:00 R 2:10-3:00 MEETS: JAN 8-MAY 4	
5858038	8 MWF 12:10-1:00 R 3:10-4:00 MEETS: JAN 8-MAY 4	
5858039	9 MWF 12:10-1:00 R 10:00-10:50 MEETS: JAN 8-MAY 4	
5858042	A T 8:00-9:50 MEETS: JAN 8-MAY 4	
5858045	B T 10:00-11:50 MEETS: JAN 8-MAY 4	
5858050	C T 12:10-2:00 MEETS: JAN 8-MAY 4	
5858055	D T 2:10-4:00 MEETS: JAN 8-MAY 4	
5858060	E T 4:10-6:00PM MEETS: JAN 8-MAY 4	
5858065	F W 8:00-9:50 MEETS: JAN 8-MAY 4	
5858070	G W 10:00-11:50 MEETS: JAN 8-MAY 4	
5858075	H W 2:10-4:00 MEETS: JAN 8-MAY 4	
5858080	J W 4:10-6:00PM MEETS: JAN 8-MAY 4	
5858085	K T 6:10-8:00PM MEETS: JAN 8-MAY 4	
5858090	L W 6:10-8:00PM MEETS: JAN 8-MAY 4	
5858095	M R 8:00-9:50 MEETS: JAN 8-MAY 4	
5858500	LW ARRANGED MEETS: JAN 8-MAY 4	

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 8-MAY 4	
9212010	2 TR 2:10-3:30 W 9:00-9:50 MEETS: JAN 8-MAY 4	
9212015	3 TR 2:10-3:30 W 10:00-10:50 MEETS: JAN 8-MAY 4	
9212020	4 TR 2:10-3:30 W 11:00-11:50 MEETS: JAN 8-MAY 4	
9212025	5 TR 2:10-3:30 W 12:10-1:00 MEETS: JAN 8-MAY 4	
9212030	6 TR 2:10-3:30 W 1:10-2:00 MEETS: JAN 8-MAY 4	
9212035	7 TR 2:10-3:30 W 2:10-3:00 MEETS: JAN 8-MAY 4	
9212040	8 TR 2:10-3:30 W 3:10-4:00 MEETS: JAN 8-MAY 4	

PHYSICS

(CONTINUED)

PHYSICS

(CONTINUED)

LAB PHYS FOR LF SCI PHYS 115L 1 CREDIT
 9252005 A T 8:00-9:50
 MEETS: JAN 8-MAY 4
 9252010 B T 10:00-11:50
 MEETS: JAN 8-MAY 4
 9252015 C T 12:10-2:00
 MEETS: JAN 8-MAY 4
 9252020 D T 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 9252025 E W 10:00-11:50
 MEETS: JAN 8-MAY 4

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/](http://www.registrar.iastate.edu/students/exams/night-exams)

5861005 1 MWF 8:00-8:50
 TR 8:00-8:50
 MEETS: JAN 8-MAY 4
 5861010 2 MWF 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 8-MAY 4

Note: SEC 2 RESTRICTED TO PHYSICS MAJORS ONLY

5861015 3 MWF 8:00-8:50
 TR 10:00-10:50
 MEETS: JAN 8-MAY 4

5861020 4 MWF 8:00-8:50
 TR 11:00-11:50
 MEETS: JAN 8-MAY 4

5861025 5 MWF 8:00-8:50
 TR 12:10-1:00
 MEETS: JAN 8-MAY 4

5861030 6 MWF 8:00-8:50
 TR 1:10-2:00
 MEETS: JAN 8-MAY 4

5861035 7 MWF 8:00-8:50
 TR 2:10-3:00
 MEETS: JAN 8-MAY 4

5861040 8 MWF 8:00-8:50
 TR 3:10-4:00
 MEETS: JAN 8-MAY 4

5861045 9 MWF 8:00-8:50
 TR 4:10-5:00
 MEETS: JAN 8-MAY 4

5861050 10 MWF 9:00-9:50
 TR 8:00-8:50
 MEETS: JAN 8-MAY 4

5861055 11 MWF 9:00-9:50
 TR 9:00-9:50
 MEETS: JAN 8-MAY 4

5861060 12 MWF 9:00-9:50
 TR 10:00-10:50
 MEETS: JAN 8-MAY 4

5861065 13 MWF 9:00-9:50
 TR 11:00-11:50
 MEETS: JAN 8-MAY 4

Note: SEC 13 RESTRICTED TO PHYSICS MAJORS ONLY

5861070 14 MWF 9:00-9:50
 TR 12:10-1:00
 MEETS: JAN 8-MAY 4

5861075 15 MWF 9:00-9:50
 TR 1:10-2:00
 MEETS: JAN 8-MAY 4

5861080 16 MWF 9:00-9:50
 TR 2:10-3:00
 MEETS: JAN 8-MAY 4

5861085 17 MWF 9:00-9:50
 TR 3:10-4:00
 MEETS: JAN 8-MAY 4

5861087 18 MWF 9:00-9:50
 TR 4:10-5:00
 MEETS: JAN 8-MAY 4

5861088 19 MWF 10:00-10:50
 TR 8:00-8:50
 MEETS: JAN 8-MAY 4

5861090 20 MWF 10:00-10:50
 TR 9:00-9:50
 MEETS: JAN 8-MAY 4

5861095 21 MWF 10:00-10:50
 TR 10:00-10:50
 MEETS: JAN 8-MAY 4

5861100 22 MWF 10:00-10:50
 TR 11:00-11:50
 MEETS: JAN 8-MAY 4

5861105 23 MWF 10:00-10:50
 TR 12:10-1:00
 MEETS: JAN 8-MAY 4

5861110 24 MWF 10:00-10:50
 TR 1:10-2:00
 MEETS: JAN 8-MAY 4

Note: SEC 24 RESTRICTED TO PHYSICS MAJORS ONLY

5861115 25 MWF 10:00-10:50
 TR 2:10-3:00
 MEETS: JAN 8-MAY 4

5861120 26 MWF 10:00-10:50
 TR 3:10-4:00
 MEETS: JAN 8-MAY 4

INTR CLASSCL PHYS I PHYS 221 5 CREDITS
 5861125 27 MWF 10:00-10:50
 TR 4:10-5:00
 MEETS: JAN 8-MAY 4
 5861130 28 MWF 3:10-4:00
 TR 8:00-8:50
 MEETS: JAN 8-MAY 4
 5861135 29 MWF 3:10-4:00
 TR 9:00-9:50
 MEETS: JAN 8-MAY 4
 5861140 30 MWF 3:10-4:00
 TR 10:00-10:50
 MEETS: JAN 8-MAY 4

Note: SEC 30 RESTRICTED TO PHYS MAJORS ONLY

5861145 31 MWF 3:10-4:00
 TR 11:00-11:50
 MEETS: JAN 8-MAY 4

5861150 32 MWF 3:10-4:00
 TR 12:10-1:00
 MEETS: JAN 8-MAY 4

5861155 33 MWF 3:10-4:00
 TR 1:10-2:00
 MEETS: JAN 8-MAY 4

5861160 34 MWF 3:10-4:00
 TR 2:10-3:00
 MEETS: JAN 8-MAY 4

5861165 35 MWF 3:10-4:00
 TR 3:10-4:00
 MEETS: JAN 8-MAY 4

5861170 36 MWF 3:10-4:00
 TR 4:10-5:00
 MEETS: JAN 8-MAY 4

5861175 37 MWF 3:10-4:00
 TR 5:10-6:00PM
 MEETS: JAN 8-MAY 4

5861180 38 MWF 11:00-11:50
 TR 8:00-8:50
 MEETS: JAN 8-MAY 4

5861185 39 MWF 11:00-11:50
 TR 9:00-9:50
 MEETS: JAN 8-MAY 4

5861190 40 MWF 11:00-11:50
 ARRANGED
 MEETS: JAN 8-MAY 4

5861195 41 MWF 11:00-11:50
 TR 11:00-11:50
 MEETS: JAN 8-MAY 4

5861500 42 MWF 11:00-11:50
 TR 12:10-1:00
 MEETS: JAN 8-MAY 4

Note: SEC 42 RESTRICTED TO PHYS MAJORS ONLY

5861505 43 MWF 11:00-11:50
 TR 1:10-2:00
 MEETS: JAN 8-MAY 4

5861510 44 MWF 11:00-11:50
 TR 2:10-3:00
 MEETS: JAN 8-MAY 4

5861515 45 MWF 11:00-11:50
 TR 3:10-4:00
 MEETS: JAN 8-MAY 4

5861520 46 MWF 11:00-11:50
 TR 4:10-5:00
 MEETS: JAN 8-MAY 4

5861525 47 MWF 11:00-11:50
 TR 5:10-6:00PM
 MEETS: JAN 8-MAY 4

5861550 51 MWF 4:10-5:00
 TR 8:00-8:50
 MEETS: JAN 8-MAY 4

5861555 52 MWF 4:10-5:00
 TR 9:00-9:50
 MEETS: JAN 8-MAY 4

5861560 53 MWF 4:10-5:00
 TR 11:00-11:50
 MEETS: JAN 8-MAY 4

5861565 54 MWF 4:10-5:00
 TR 12:10-1:00
 MEETS: JAN 8-MAY 4

5861570 55 MWF 4:10-5:00
 TR 1:10-2:00
 MEETS: JAN 8-MAY 4

5861575 56 MWF 4:10-5:00
 TR 2:10-3:00
 MEETS: JAN 8-MAY 4

5861580 57 MWF 4:10-5:00
 TR 3:10-4:00
 MEETS: JAN 8-MAY 4

5861588 58 MWF 4:10-5:00
 TR 4:10-5:00
 MEETS: JAN 8-MAY 4

5861589 59 MWF 4:10-5:00
 TR 2:10-3:00
 MEETS: JAN 8-MAY 4

5861200 A M 8:00-9:50
 MEETS: JAN 8-MAY 4

5861205 B M 10:00-11:50
 MEETS: JAN 8-MAY 4

5861210 C M 12:10-2:00
 MEETS: JAN 8-MAY 4

5861215 D M 2:10-4:00
 MEETS: JAN 8-MAY 4

5861220 E M 4:10-6:00PM
 MEETS: JAN 8-MAY 4

5861225 F T 8:00-9:50
 MEETS: JAN 8-MAY 4

PHYSICS

(CONTINUED)

INTR	CLASSCL	PHYS I	PHYS 221	5 CREDITS
5861230	G	T 10:00-11:50		
		MEETS: JAN 8-MAY 4		
	Note: SEC	G RESTRICTED TO PHYSICS MAJORS ONLY		
5861235	J	T 12:10-2:00		
		MEETS: JAN 8-MAY 4		
5861240	K	T 2:10-4:00		
		MEETS: JAN 8-MAY 4		
	Note: SEC	K RESTRICTED TO PHYSICS MAJORS ONLY		
5861245	L	T 4:10-6:00PM		
		MEETS: JAN 8-MAY 4		
5861250	M	W 8:00-9:50		
		MEETS: JAN 8-MAY 4		
5861255	N	W 10:00-11:50		
		MEETS: JAN 8-MAY 4		
	Note: SEC	N RESTRICTED TO PHYSICS MAJORS ONLY		
5861260	P	W 12:10-2:00		
		MEETS: JAN 8-MAY 4		
5861265	Q	W 2:10-4:00		
		MEETS: JAN 8-MAY 4		
5861270	R	W 4:10-6:00PM		
		MEETS: JAN 8-MAY 4		
5861275	T	W 8:00-9:50		
		MEETS: JAN 8-MAY 4		
5861280	U	W 10:00-11:50		
		MEETS: JAN 8-MAY 4		
5861285	V	W 12:10-2:00		
		MEETS: JAN 8-MAY 4		
5861290	W	W 2:10-4:00		
		MEETS: JAN 8-MAY 4		
5861300	X	W 4:10-6:00PM		
		MEETS: JAN 8-MAY 4		
5861305	Y	T 8:00-9:50		
		MEETS: JAN 8-MAY 4		
5861310	Z	T 10:00-11:50		
		MEETS: JAN 8-MAY 4		
5861315	AA	T 12:10-2:00		
		MEETS: JAN 8-MAY 4		
5861425	AB	W 12:10-2:00		
		MEETS: JAN 8-MAY 4		
5861430	AC	W 2:10-4:00		
		MEETS: JAN 8-MAY 4		
5861435	AD	W 4:10-6:00PM		
		MEETS: JAN 8-MAY 4		
5861440	AE	T 8:00-9:50		
		MEETS: JAN 8-MAY 4		
5861445	AF	T 10:00-11:50		
		MEETS: JAN 8-MAY 4		
	Note: SEC	AF RESTRICTED TO PHYS MAJORS ONLY		
5861600	AG	T 12:10-2:00		
		MEETS: JAN 8-MAY 4		
5861605	AH	T 2:10-4:00		
		MEETS: JAN 8-MAY 4		
	Note: SEC	AH RESTRICTED TO PHYS MAJORS ONLY		
5861610	AJ	T 4:10-6:00PM		
		MEETS: JAN 8-MAY 4		
5861615	AK	T 6:10-8:00PM		
		MEETS: JAN 8-MAY 4		
5861616	AL	T 6:10-8:00PM		
		MEETS: JAN 8-MAY 4		
5861617	AM	W 6:10-8:00PM		
		MEETS: JAN 8-MAY 4		
5861618	AN	T 6:10-8:00PM		
		MEETS: JAN 8-MAY 4		
5861619	AP	W 6:10-8:00PM		
		MEETS: JAN 8-MAY 4		
5861621	AQ	W 6:10-8:00PM		
		MEETS: JAN 8-MAY 4		
5861622	AR	M 6:10-8:00PM		
		MEETS: JAN 8-MAY 4		
5861320	BB	T 2:10-4:00		
		MEETS: JAN 8-MAY 4		
5861325	CC	T 4:10-6:00PM		
		MEETS: JAN 8-MAY 4		
5861330	DD	R 8:00-9:50		
		MEETS: JAN 8-MAY 4		
	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 8-MAY 4		
	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 8-MAY 4		
	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 8-MAY 4		
	Note: SEC	GG DO NOT ENROLL IN A THURS. DISCUSSION THAT MEETS AT THE SAME TIME AS THE LAB		
5861350	JJ	R 4:10-6:00PM		
		MEETS: JAN 8-MAY 4		
	Note: SEC	JJ DO NOT ENROLL IN A THURS DISCUSSION THAT MEETS AT THE SAME TIME AS THE THURS. LAB		
5861360	KK	F 8:00-9:50		
		MEETS: JAN 8-MAY 4		
5861365	LL	F 10:00-11:50		
		MEETS: JAN 8-MAY 4		
5861355	LW	ARRANGED		
		MEETS: JAN 8-MAY 4		
	Note: SEC	LW IS ONLY FOR STUDENTS WHO HAVE SUCCESSFULLY COMPLETED PHYS 221 LABS. STUDENTS IN THE LW SECT MUST APPLY FOR LAB WAIVER ON BLACKBOARD IN THE 1ST WEEK OF CLASSES		
5861370	MM	F 12:10-2:00		
		MEETS: JAN 8-MAY 4		

PHYSICS

(CONTINUED)

INTR	CLASSCL	PHYS I	PHYS 221	5 CREDITS
5861375	NN	F 2:10-4:00		
		MEETS: JAN 8-MAY 4		
5861380	PP	F 4:10-6:00PM		
		MEETS: JAN 8-MAY 4		
5861385	QQ	F 8:00-9:50		
		MEETS: JAN 8-MAY 4		
5861390	RR	F 10:00-11:50		
		MEETS: JAN 8-MAY 4		
5861395	TT	F 12:10-2:00		
		MEETS: JAN 8-MAY 4		
5861400	UU	F 2:10-4:00		
		MEETS: JAN 8-MAY 4		
5861405	VV	F 4:10-6:00PM		
		MEETS: JAN 8-MAY 4		
5861410	WW	W 8:00-9:50		
		MEETS: JAN 8-MAY 4		
5861415	YY	W 10:00-11:50		
		MEETS: JAN 8-MAY 4		
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	H1	MWF 8:00-8:50		
		TR 9:00-9:50		
		MEETS: JAN 8-MAY 4		
5862010	H2	MWF 9:00-9:50		
		TR 11:00-11:50		
		MEETS: JAN 8-MAY 4		
5862015	H3	MWF 10:00-10:50		
		TR 1:10-2:00		
		MEETS: JAN 8-MAY 4		
	Note: Materials and professional support fee \$90.00			
5862020	H4	MWF 3:10-4:00		
		TR 10:00-10:50		
		MEETS: JAN 8-MAY 4		
5862025	H5	MWF 11:00-11:50		
		TR 12:10-1:00		
		MEETS: JAN 8-MAY 4		
5862050	HA	T 2:10-4:00		
		MEETS: JAN 8-MAY 4		
5862055	HB	W 10:00-11:50		
		MEETS: JAN 8-MAY 4		
5862060	HC	T 10:00-11:50		
		MEETS: JAN 8-MAY 4		
5862065	HD	T 10:00-11:50		
		MEETS: JAN 8-MAY 4		
5862070	HE	T 2:10-4:00		
		MEETS: JAN 8-MAY 4		
5862075	HF	T 4:10-6:00PM		
		MEETS: JAN 8-MAY 4		
INTR CLASSC PHYS II PHYS 222 5 CREDITS				
Prereq: PHYS 221 OR PHYS 241, MATH 166				
Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED. STUDENTS ENROLLED PREVIOUSLY IN PHYS 222 MUST REGISTER FOR LAB SECTION LW. Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams .				
5863005	1	MWF 1:10-2:00		
		T 8:00-8:50		
		MEETS: JAN 8-MAY 4		
5863010	2	MWF 1:10-2:00		
		T 9:00-9:50		
		MEETS: JAN 8-MAY 4		
5863015	3	MWF 1:10-2:00		
		T 10:00-10:50		
		MEETS: JAN 8-MAY 4		
5863020	4	MWF 1:10-2:00		
		T 11:00-11:50		
		MEETS: JAN 8-MAY 4		
5863025	5	MWF 1:10-2:00		
		T 12:10-1:00		
		MEETS: JAN 8-MAY 4		
5863030	6	MWF 1:10-2:00		
		T 1:10-2:00		
		MEETS: JAN 8-MAY 4		
5863035	7	MWF 1:10-2:00		
		T 2:10-3:00		
		MEETS: JAN 8-MAY 4		
5863036	8	MWF 1:10-2:00		
		T 3:10-4:00		
		MEETS: JAN 8-MAY 4		
5863037	9	MWF 1:10-2:00		
		T 4:10-5:00		
		MEETS: JAN 8-MAY 4		
5863040	10	MWF 2:10-3:00		
		T 8:00-8:50		
		MEETS: JAN 8-MAY 4		
5863045	11	MWF 2:10-3:00		
		T 9:00-9:50		
		MEETS: JAN 8-MAY 4		

PHYSICS

(CONTINUED)

INTR CLASSC	PHYS II	PHYS 222	5 CREDITS
5863050	12	MWF 2:10-3:00 T 10:00-10:50 MEETS: JAN 8-MAY 4	
5863055	13	MWF 2:10-3:00 T 11:00-11:50 MEETS: JAN 8-MAY 4	
5863060	14	MWF 2:10-3:00 T 12:10-1:00 MEETS: JAN 8-MAY 4	
5863065	15	MWF 2:10-3:00 T 1:10-2:00 MEETS: JAN 8-MAY 4	
5863090	16	MWF 2:10-3:00 T 2:10-3:00 MEETS: JAN 8-MAY 4	
5863095	17	MWF 2:10-3:00 T 3:10-4:00 MEETS: JAN 8-MAY 4	
Note: SEC	17	RESTRICTED TO PHYSICS MAJORS ONLY	
5863100	18	MWF 2:10-3:00 T 4:10-5:00 MEETS: JAN 8-MAY 4	
5863200	A	T 8:00-9:50 MEETS: JAN 8-MAY 4	
5863205	B	T 10:00-11:50 MEETS: JAN 8-MAY 4	
5863215	C	T 12:10-2:00 MEETS: JAN 8-MAY 4	
5863220	D	T 2:10-4:00 MEETS: JAN 8-MAY 4	
5863225	E	T 4:10-6:00PM MEETS: JAN 8-MAY 4	
5863230	F	W 8:00-9:50 MEETS: JAN 8-MAY 4	
5863235	G	W 10:00-11:50 MEETS: JAN 8-MAY 4	
5863240	J	W 12:10-2:00 MEETS: JAN 8-MAY 4	
5863245	K	W 2:10-4:00 MEETS: JAN 8-MAY 4	
5863250	L	W 4:10-6:00PM MEETS: JAN 8-MAY 4	
5863255	M	R 8:00-9:50 MEETS: JAN 8-MAY 4	
5863260	N	R 10:00-11:50 MEETS: JAN 8-MAY 4	
5863265	P	R 12:10-2:00 MEETS: JAN 8-MAY 4	
5863270	Q	R 2:10-4:00 MEETS: JAN 8-MAY 4	
Note: SEC	Q	RESTRICTED TO PHYSICS MAJORS ONLY	
5863275	R	R 4:10-6:00PM MEETS: JAN 8-MAY 4	
5863280	T	R 8:00-9:50 MEETS: JAN 8-MAY 4	
5863285	U	R 10:00-11:50 MEETS: JAN 8-MAY 4	
5863290	V	R 12:10-2:00 MEETS: JAN 8-MAY 4	
5863295	W	R 2:10-4:00 MEETS: JAN 8-MAY 4	
5863305	Y	F 8:00-9:50 MEETS: JAN 8-MAY 4	
5863310	Z	F 10:00-11:50 MEETS: JAN 8-MAY 4	
5863345	LW	ARRANGED MEETS: JAN 8-MAY 4	
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 .	
5864005	H1	MWF 2:10-3:00 T 3:10-4:00 MEETS: JAN 8-MAY 4	
5864050	HA	R 2:10-4:00 MEETS: JAN 8-MAY 4	
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 8-MAY 4	
6011010	2	MWF 11:00-11:50 T 1:10-2:00 MEETS: JAN 8-MAY 4	
6011050	A	R 4:10-6:00PM MEETS: JAN 8-MAY 4	
6011055	B	F 12:10-2:00 MEETS: JAN 8-MAY 4	
6011060	C	F 2:10-4:00 MEETS: JAN 8-MAY 4	

PHYSICS

(CONTINUED)

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 8-MAY 4	
9405010	2	MWF 11:00-11:50 T 1:10-2:00 MEETS: JAN 8-MAY 4	
9405050	A	R 4:10-6:00PM MEETS: JAN 8-MAY 4	
9405055	B	F 12:10-2:00 MEETS: JAN 8-MAY 4	
9405060	C	F 2:10-4:00 MEETS: JAN 8-MAY 4	
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 8-MAY 4	
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 8-MAY 4	
INTERMEDIATE	LAB	PHYS 311	1- 2 CREDITS
		Prereq: PHYS 322	
5872005	1	MW 3:10-6:00PM MEETS: JAN 8-MAY 4	
5872010	2	TR 3:10-6:00PM MEETS: JAN 8-MAY 4	
INTMED LAB	FOR TCHR	PHYS 311T	3 CREDITS
		Prereq: PHYS 112 OR PHYS 222	
5873005		R 6:10-8:00PM ARRANGED MEETS: JAN 8-MAY 4	
INTR MODERN	PHYS II	PHYS 322	3 CREDITS
		Prereq: PHYS 321	
5876005		TR 9:30-10:50 MEETS: JAN 8-MAY 4	
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 8-MAY 4	
5877010	2	T 2:10-4:00 MEETS: JAN 8-MAY 4	
5877015	3	W 2:10-4:00 MEETS: JAN 8-MAY 4	
5877020	4	R 2:10-4:00 MEETS: JAN 8-MAY 4	
5877025	5	T 4:10-6:00PM MEETS: JAN 8-MAY 4	
5877030	6	W 4:10-6:00PM MEETS: JAN 8-MAY 4	
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 8-MAY 4	
ELECT& MAGNETISM	II	PHYS 365	3 CREDITS
		Prereq: PHYS 364, MATH 385	
5883005	1	MWF 10:00-10:50 MEETS: JAN 8-MAY 4	
JUNIOR SEMINAR		PHYS 389	R CREDIT
		Satisfactory-Fail Only.	
3647005		F 9:00-9:50 MEETS: JAN 8-MAY 4	
SEM SEC SCHOOL	PHYS	PHYS 399	1- 2 CREDITS
		Prereq: PERMISSION OF INSTRUCTOR	
5886005		ARRANGED MEETS: JAN 8-MAY 4	
MOLCLR&CELL	BIOPHYS	PHYS 432	3 CREDITS
		Prereq: PHYS 304 OR CHEM 325	
8704005		MWF 11:00-11:50 MEETS: JAN 8-MAY 4	
UNDERGRAD	RESEARCH	PHYS 450	1- 6 CREDITS
		Prereq: PERMISSION OF INSTRUCTOR ***** SEE DEPT FOR REFERENCE NUMBERS	

PHYSICS (CONTINUED)

PHYSICS (CONTINUED)

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 8-MAY 4

QUANTUM MECHANICS II PHYS 481 3 CREDITS
 Prereq: PHYS 480
 5891005 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY PHYS 490 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHYS, PERMISSON OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHYS 490H 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHYS, PERMISSON OF INSTRUCTOR
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MODERN OPTICS PHYS 496 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN PHYS 322, PHYS
 365, PHYS 480
 5884005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

CONDENSED MATTER II PHYS 512 3 CREDITS
 Prereq: PHYS 511
 5897005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

STATISTICAL MECHANICS 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 8-MAY 4

MOLCLR&CELL BIOPHYS PHYS 532 3 CREDITS
 Prereq: PHYS 304 OR CHEM 325
 8708005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

PHYS SEMICONDUCTOR PHYS 536 3 CREDITS
 Prereq: E E 535
 5904005 MW 5:40-7:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

ADV CLASSICAL MECHANICS PHYS 564 3 CREDITS
 Prereq: PHYS 362, MATH 426, MATH 465
 5907005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

ADV ELECT&MAGNET II PHYS 572 3 CREDITS
 Prereq: PHYS 571
 5909005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

SPCL TOPICS NUCLEAR PHYS 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5910005 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

SPL TOP HIGH ENERGY PHYS 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5912005 ARRANGED
 MEETS: JAN 8-MAY 4

SPCL TOPICS PHYSICS PHYS 590D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5913005 ARRANGED
 MEETS: JAN 8-MAY 4

SPL TOPICS APPL PHYS PHYS 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5914005 ARRANGED
 MEETS: JAN 8-MAY 4

QUANTUM PHYSICS II PHYS 592 4 CREDITS
 Prereq: PHYS 591
 5916005 MF 10:00-10:50
 W 9:00-10:50
 MEETS: JAN 8-MAY 4

CREATIVE COMPONENT PHYS 599 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

QUANTUM THEORY OF MATTER PHYS 611 3 CREDITS
 Prereq: PHYS 512 AND PHYS 681 OR PERMISSION OF
 INSTRUCTOR
 5918005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

ADVANCED NUCLEAR PHYSICS PHYS 624 3 CREDITS
 Prereq: PHYS 526, PHYS 592
 3143005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

PH STRONG INTERACTION PHYS 625 3 CREDITS
 Prereq: PHYS 681
 3150005 ARRANGED
 MEETS: JAN 8-MAY 4

ELEMENTARY PARTICLES II PHYS 638 3 CREDITS
 Prereq: PHYS 637
 5922005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

MATH MODEL PHYSICS SY PHYS 646 3 CREDITS
 9102005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

ADVANCED SEMINAR NUCLEAR PHYS 650A 1 CREDIT
 Satisfactory-Fail Only.
 5923005 R 4:10-5:00
 MEETS: JAN 8-MAY 4

ADVANCED SEMI COND MATTER PHYS 650B 1 CREDIT
 Satisfactory-Fail Only.
 5924005 R 4:10-6:00PM
 MEETS: JAN 8-MAY 4

ADVANCED SEMI HIGH ENERGY PHYS 650C 1 CREDIT
 Satisfactory-Fail Only.
 5925005 W 4:10-5:00
 MEETS: JAN 8-MAY 4

ADVANCED SEMINAR PHYSICS PHYS 650D 1 CREDIT
 Satisfactory-Fail Only.
 5926005 F 12:10-1:00
 MEETS: JAN 8-MAY 4

ADVANCED SEMINAR APPLIED PHYS 650E 1 CREDIT
 Satisfactory-Fail Only.
 5927005 M 4:10-6:00PM
 MEETS: JAN 8-MAY 4

ADVANCED TOP COND MATTER PHYS 660B 1- 3 CREDITS
 5929005 ARRANGED
 MEETS: JAN 8-MAY 4

ADVANCED TOP HIGH ENERGY PHYS 660C 1- 3 CREDITS
 5930005 ARRANGED
 MEETS: JAN 8-MAY 4

ADVANCED TOPICS PHYSICS PHYS 660D 1- 3 CREDITS
 5931005 ARRANGED
 MEETS: JAN 8-MAY 4

ADVANCED TOPICS APPLIED PHYS 660E 1- 3 CREDITS
 5932005 ARRANGED
 MEETS: JAN 8-MAY 4

QUANTUM FIELD THEORY II PHYS 682 3 CREDITS
 Prereq: PHYS 681
 5936005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 3898010 2 MW 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 8-MAY 4
 3898015 3 MW 11:00-11:50
 W 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 BACT-PLANT INTERACT PL P 477 3 CREDITS
 Prereq: 3 CREDITS IN MICROBIOL OR PLANT PATHOLOGY
 5648005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 PLANT-PATH INTERACT PL P 506 2 CREDITS
 Prereq: PL P 408 OR PL P 416, BIOL 313
 9645005 TR 9:00-9:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 3902010 2 MW 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 8-MAY 4
 3902015 3 MW 11:00-11:50
 W 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 LFESTYL PTHGN FUNGI PL P 512 3 CREDITS
 Prereq: PL P 408 OR MICRO 456 OR EQUIVALENT
 4046005 ARRANGED
 MEETS: JAN 8-MAY 4
 SPECIAL TOPICS PL P 590 1- 3 CREDITS
 Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS
 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 8-MARCH 2
 INTR AMERIC GOVERNMENT POL S 215 3 CREDITS
 5961005 A MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 5961010 B TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 5961015 C MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 INTRO ETHICS&POLTCS POL S 235 3 CREDITS
 5715005 A MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 5715010 B MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR MAJORS OTHER THAN POL S.

POLITICAL SCIENCE

(CONTINUED)

INTR CMPAR GOVT&POL POL S 241 3 CREDITS
 Note: Meets international perspectives reqmt
 5963005 A MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 5963010 B TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 INTRO INTERNATL POL POL S 251 3 CREDITS
 Note: Meets international perspectives reqmt
 5964005 A TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 5964010 B TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 PUB OPINION&VOT BHV POL S 306 3 CREDITS
 Prereq: 6 CR IN POL S OR SOPH CLASSIFICATION
 9242005 A TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 9242010 B TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 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
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 5968010 B TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR MAJORS OTHER THAN POL S
 5968600 XW ARRANGED PETERSON D
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW
 SPL TOP THRY&METHODS POL S 313 2 CREDITS
 Note: A TOPIC MAY NOT BE TAKEN MORE THAN ONCE
 6800005 1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 LAW AND POLITICS POL S 319 3 CREDITS
 Prereq: SOPHOMORE STANDING; POL S 215 RECOMMENDED
 Note: CREDIT FOR EITHER POL S 319 OR POL S 230, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 3865005 A MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 3865010 B MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC A RESTRICTED TO POL S, CJ ST, INDIS MAJORS ONLY
 5970010 B TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR MAJORS OTHER THAN POL S, CJ ST, INDIS
 DMCRCY&DVRSTY IN US POL S 333 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 6471005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 SCI,TEC&PUBLC POLCY POL S 335 3 CREDITS
 7987005 A R 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 7987010 B R 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR MAJORS OTHER THAN POL S
 POLITCS DEVEL AREAS POL S 340 3 CREDITS
 Note: Meets international perspectives reqmt
 5971005 A TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 LATIN AM GOVT & POL POL S 343 3 CREDITS
 Note: Meets international perspectives reqmt
 5974005 1A MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1A RESTRICTED TO POL S MAJORS ONLY
 5974010 1B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC 1B FOR MAJORS OTHER THAN POL S.

POLITICAL SCIENCE (CONTINUED)

POLITICAL SCIENCE (CONTINUED)

PUBLIC POLICY POL S 344 3 CREDITS
 9243005 A TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 9243010 B TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR MAJORS OTHER THAN POL S

EUROPEAN POLITICS POL S 346 3 CREDITS
 Note: Meets international perspectives reqmt
 5976005 A TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 5976010 B TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 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
 MEETS: JAN 8-MAY 4

INT'L SECURITY PLCY POL S 357 3 CREDITS
 9647005 A MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 9647010 B MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 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
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 1006010 B TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 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
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 5981010 B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR MAJORS OTHER THAN POL S.

THE JUDICIARY POL S 362 3 CREDITS
 9807005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

RELIGION & POLITICS POL S 370 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 3166005 A TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 3166010 B TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR MAJORS OTHER THAN POL S

INT'L POLIT ECONOMY POL S 381 3 CREDITS
 1000005 A TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S MAJOR ONLY
 1000010 B TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

CONSTITUTNL FREEDMS POL S 421 3 CREDITS
 Prereq: POL S 320 OR POL S 420
 5989005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

INTERNATIONAL LAW POL S 422 3 CREDITS
 Prereq: POL S 215 OR POL S 251; JUNIOR
 CLASSIFICATION
 5990005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

COMP FOREIGN POLICY POL S 452 3 CREDITS
 Prereq: POL S 251
 Note: Meets international perspectives reqmt
 6000005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

POLITICAL GAME THEOR POL S 470 3 CREDITS
 Prereq: ECON 101
 8904005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

MGMT PUBLIC SECTOR POL S 475 3 CREDITS
 Prereq: POL S 371
 6005005 TR 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 6005600 XW ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

ETHICS&PUBLC POLICY POL S 480 3 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 6008005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 6008600 XW ARRANGED
 MEETS: JAN 8-MAY 4
 TUCKNESS A
 Note: Section XW is off campus
 Course delivery is WWW

ELECTRONC DEMOCRACY POL S 487 3 CREDITS
 Prereq: SOPHOMORE STANDING OR INSTRUCTOR
 APPROVAL
 6140005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

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

POLITICAL SCIENCE (CONTINUED)

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

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

INTL BIORNW LAW&POL POL S 516 3 CREDITS
 7425600 XW ARRANGED WANG Y
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

MASS POLITCL BEHAVR POL S 525 3 CREDITS
 Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING
 7993005 R 2:10-5:00
 MEETS: JAN 8-MAY 4

INFO ASSUR LEGAL&ET POL S 534 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, CPR E 531/
 INFAS 531
 7329005 A M 6:10-9:00PM
 MEETS: JAN 8-MAY 4

COMP FOREIGN POLICY POL S 552 3 CREDITS
 Prereq: POL S 251
 6029005 Note: Meets international perspectives reqmt
 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

POLICY & PROGRM EVAL POL S 574 3 CREDITS
 6036005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW
 6036600 XW ARRANGED SHELLEY M
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

MGMT PUBLIC SECTOR POL S 575 3 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 6037005 TR 6:10-9:00PM
 MEETS: JAN 8-MAY 4
 6037600 XW ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

ETHICS&PUBLC POLICY POL S 580 3 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 6040005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 6040600 XW ARRANGED TUCKNESS A
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

ELECTRONC DEMOCRACY POL S 587 3 CREDITS
 Prereq: SOPHOMORE STANDING OR INSTRUCTOR PERMISSN
 3084005 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

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

POLITICAL SCIENCE (CONTINUED)

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 8-MAY 4

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 DARK V
 MEETS: JAN 8-MAY 4

6069010 B TR 11:00-12:20 DARK V
 MEETS: JAN 8-MAY 4

LAB INTRODUC PSYCH PSYCH 102 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN PSYCH 101
 Note: SEC A1,B1 ECT. RESTRICTED TO PSYCH MAJORS ONLY.
 SEC A2,B2 ECT FOR MAJORS OTHER THAN PSYCH.

4786005 A1 T 1:10-3:00
 MEETS: JAN 8-MAY 4

4786010 A2 T 1:10-3:00
 MEETS: JAN 8-MAY 4

4786015 B1 W 8:00-9:50
 MEETS: JAN 8-MAY 4

4786020 B2 W 8:00-9:50
 MEETS: JAN 8-MAY 4

4786025 C1 T 3:10-5:00
 MEETS: JAN 8-MAY 4

4786030 C2 T 3:10-5:00
 MEETS: JAN 8-MAY 4

4786035 D1 R 1:10-3:00
 MEETS: JAN 8-MAY 4

4786040 D2 R 1:10-3:00
 MEETS: JAN 8-MAY 4

ORIENTATN TO PSYCH PSYCH 111 .5 CREDIT
 Satisfactory-Fail Only.

6068005 1 W 3:10-4:00
 MEETS: JAN 8-MARCH 23

6068010 2 R 10:00-10:50
 MEETS: JAN 8-MARCH 23

PSY LRN CMNTY SEMNR PSYCH 112 1 CREDIT
 Prereq: PARTICIPATION IN FRESHMAN LEARNING
 COMMUNITY
 Satisfactory-Fail Only.

9388005 1 W 3:10-4:00
 MEETS: JAN 8-MAY 4

9388010 2 W 3:10-4:00
 MEETS: JAN 8-MAY 4

PSYCHOLOGY

(CONTINUED)

PSYCHOLOGY

(CONTINUED)

ACAD LEARNNG SKILLS PSYCH 131 1 CREDIT
 Satisfactory-Fail Only.
 6071005 A T 2:10-3:00, ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6071010 B T 2:10-3:00, ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6071015 C W 9:00-9:50, ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6071020 D W 1:10-2:00, ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6071025 E R 2:10-3:00, ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6071030 F MW 12:10-1:00
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

DEVELOPMENTAL PSYCH PSYCH 230 3 CREDITS
 Night exams scheduled. For dates go to
 http://www.registrar.iastate.edu/students/exams/
 night-exams
 6072005 A TR 8:00-9:20 PHILLIPS W
 MEETS: JAN 8-MAY 4
 6072010 B TR 9:30-10:50 PHILLIPS W
 MEETS: JAN 8-MAY 4

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 HESSLING R
 MEETS: JAN 8-MAY 4
 6075010 B TR 2:10-3:30 HESSLING R
 MEETS: JAN 8-MAY 4

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 & METHODODL 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 8-MAY 4
 6076010 A2 MWF 11:00-11:50 CREDE M
 MEETS: JAN 8-MAY 4
 6076015 B1 MWF 2:10-3:00 COOPER E
 MEETS: JAN 8-MAY 4
 6076020 B2 MWF 2:10-3:00 COOPER E
 MEETS: JAN 8-MAY 4
 6076025 C1 TR 2:10-3:25 GUYLL M
 MEETS: JAN 8-MAY 4
 6076030 C2 TR 2:10-3:25 GUYLL M
 MEETS: JAN 8-MAY 4

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 MADON S
 MEETS: JAN 8-MAY 4
 1173010 B TR 11:00-12:50 ACERBO M
 MEETS: JAN 8-MAY 4
 1173015 C MW 10:00-11:50 HESSLING R
 MEETS: JAN 8-MAY 4
 1173020 D MW 1:10-3:00 CARPENTER S
 MEETS: JAN 8-MAY 4

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS
 Prereq: PSYCH 101
 1515005 A1 MWF 12:10-1:00 ACERBO M
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 1515010 A2 MWF 12:10-1:00 ACERBO M
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6079010 A2 TR 3:40-5:00 KELLY J
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

LEARNING & MEMORY PSYCH 313 3 CREDITS
 Prereq: PSYCH 101
 6080005 A1 MWF 10:00-10:50 CARPENTER S
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6080010 A2 MWF 10:00-10:50 CARPENTER S
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

MOTIVATION PSYCH 314 3 CREDITS
 Prereq: PSYCH 101
 6081005 A1 MWF 10:00-10:50 CLAVEL F
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6081010 A2 MWF 10:00-10:50 CLAVEL F
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6082010 A2 MWF 2:10-3:00 ACERBO M
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

COGNITIVE PSYCHOLGY PSYCH 316 3 CREDITS
 Prereq: PSYCH 101
 6083005 A1 MWF 12:10-1:00 RICHIE C
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6083010 A2 MWF 12:10-1:00 RICHIE C
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

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 8-MAY 4
 4299010 A2 MWF 11:00-11:50 MARSEE M
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6085010 A2 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6087010 A2 MW 1:10-2:00 KRIZAN Z
 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN 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 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 9080010 A2 TR 2:10-3:30 MADON S
 MEETS: JAN 8-MAY 4
 Note: SEC A2 RESTRICTED TO CJ ST, INDIS MAJORS ONLY
 9080015 A3 TR 2:10-3:30 SCHEEL K
 MEETS: JAN 8-MAY 4
 Note: SEC A3 FOR MAJORS OTHER THAN INDIS, PSYCH

HISTORY OF PSYCHOLG PSYCH 401 3 CREDITS
 Prereq: 4 COURSES IN PSYCH
 6089005 A1 TR 9:30-10:50 SCHEEL K
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6089010 A2 TR 9:30-10:50 SCHEEL K
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

EVOLUTIONARY PSYCH PSYCH 411 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION; THREE COURSES
 IN PSYCH; ONE COURSE IN BIOLOGY
 6924005 A1 M 6:10-9:00PM COOPER E
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 6924010 A2 M 6:10-9:00PM COOPER E
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

PSYCH OF LANGUAGE PSYCH 413 3 CREDITS
 Prereq: PSYCH 101
 6092005 A1 MWF 10:00-10:50 RICHIE C
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 6092010 A2 MWF 10:00-10:50 RICHIE C
 MEETS: JAN 8-MAY 4
 Note: SEC A2 RESTRICTED TO LING MAJORS
 6092015 A3 MWF 10:00-10:50 RICHIE C
 MEETS: JAN 8-MAY 4
 Note: SEC A3 FOR MAJORS OTHER THAN PSYCH OR
 LING

PSYCHOLOGY (CONTINUED)

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 8-MAY 4
 6099010 B M 12:10-2:00 ARMSTRONG P
 W 12:10-2:00
 MEETS: JAN 8-MAY 4
 6099015 C M 12:10-2:00 ARMSTRONG P
 F 12:10-2:00
 MEETS: JAN 8-MAY 4
 6099020 D M 12:10-2:00 ARMSTRONG P
 W 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 6099025 E M 12:10-2:00 ARMSTRONG P
 F 12:10-2:00
 MEETS: JAN 8-MAY 4

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.
 SEC A3, B3 FOR MAJORS OTHER THAN PSYCH.
 6100005 A1 MW 3:10-4:30 HANISCH K
 MEETS: JAN 8-MAY 4
 6100010 A2 MW 3:10-4:30 HANISCH K
 MEETS: JAN 8-MAY 4

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 NESBIT S
 MEETS: JAN 8-MAY 4
 6102010 A2 TR 2:10-3:30 NESBIT S
 MEETS: JAN 8-MAY 4
 6102015 A3 TR 2:10-3:30 NESBIT S
 MEETS: JAN 8-MAY 4
 6102020 B1 MWF 1:10-2:00 MARSEE M
 MEETS: JAN 8-MAY 4
 6102030 B2 MWF 1:10-2:00 MARSEE M
 MEETS: JAN 8-MAY 4
 6102035 B3 MWF 1:10-2:00 MARSEE M
 MEETS: JAN 8-MAY 4

HEALTH PSYCHOLOGY PSYCH 485 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION, 6 CREDITS IN PSYCH
 5697005 A1 TR 3:40-5:00 PHILLIPS L
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 5697010 A2 TR 3:40-5:00 PHILLIPS L
 MEETS: JAN 8-MAY 4
 Note: SEC A2 RESTRICTED TO KIN H MAJORS ONLY.
 5697015 A3 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC A3 FOR MAJORS OTHER THAN KIN H, PSYCH

INDEPENDENT STUDY PSYCH 490 1- 3 CREDITS
 Prereq: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSN
 Note: NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PSYCH 490H 1- 3 CREDITS
 Prereq: JR CLASSIFCATN, 6 CR IN PSYCH, INSTRUCTOR
 PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF 490 MAY BE APPLIED
 TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.

 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM PSYCH 491 VAR. CREDITS
 Prereq: JR CLASSIFICATION, INSTR PERMISSION,
 CREDIT OR ENROLLMENT IN PSYCH 301
 Note: NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY

 SEE DEPT FOR REFERENCE NUMBERS

FLD PRACTCM:HUMN SV PSYCH 492A VAR. CREDITS
 Prereq: JUNIOR CLASSIFICATION, 12 CREDITS
 IN PSYCHOLOGY, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

FLD PRACTCM:I/O PSY PSYCH 492B VAR. CREDITS
 Prereq: JUNIOR CLASSIFICATION; 12 CREDITS
 IN PSYCHOLOGY INCLUDING PSYCH 450, OR PSYCH 250
 AND ENROLLMENT IN PSYCH 450; PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 4420073 KH ARRANGED
 MEETS: JAN 8-MAY 4

PSYCHOLOGY (CONTINUED)

RES METHD APPL PSYC PSYCH 508 3 CREDITS
 Prereq: PSYCH 440 AND PSYCH 501 OR STAT 401
 6110005 A TR 9:30-10:45
 MEETS: JAN 8-MAY 4

METHDS HUMAN&CMPUTR PSYCH 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7051005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 7051605 XE ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Section XE is off campus
 Course delivery is WWW

EDUC PSYCH LEARNING PSYCH 533 3 CREDITS
 Prereq: C I 333 OR TEACHER LICENSURE
 6118005 M 5:10-8:00PM
 MEETS: JAN 8-MAY 4

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 MTHD LONGI ANLY PSYCH 594G 1 CREDIT
 Prereq: PSYCH 501 OR EQUIVALENT
 9087005 TR 11:00-12:20
 MEETS: MARCH 27-APRIL 26

QN MTHD BHVR MEDIAT PSYCH 594K 1 CREDIT
 Prereq: PSYCH 501 OR EQUIVALENT
 3208005 TR 3:40-5:00 CREDE M
 MEETS: FEB 12-MARCH 23

SEM SOC PSY:AGGRESN PSYCH 595B 1- 3 CREDITS
 Prereq: 12 CREDITS IN PSYCH
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018
 5444005 TR 9:30-10:50 ANDERSON C
 MEETS: JAN 8-MAY 4

SEM COUNS PSY:RSRCH PSYCH 596B VAR. CREDITS
 Prereq: 12 CREDITS IN PSYCH
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018
 5878005 F 9:00-11:50 ARMSTRONG P
 MEETS: JAN 8-MAY 4

INTERNSHIP IN PSYCH PSYCH 597 R CREDIT
 Prereq: M.S. DEGREE CANDIDACY; PERMISSION OF
 INSTRUCTOR
 7659005 ARRANGED
 MEETS: JAN 8-MAY 4

SEM COGNITV PS:APPLD PSYCH 598G VAR. CREDITS
 Prereq: PSYCH 516; PSYCH 501 OR STAT 401
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018
 6291005 M 12:10-3:00 MEISSNER C
 MEETS: JAN 8-MAY 4

CREATIVE COMPONENT PSYCH 599 VAR. CREDITS
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

VOCATIONAL BEHAVIOR PSYCH 623 3 CREDITS
 Prereq: 3 COURSES IN PSYCH OR GRAD CLASSIFICATION
 6152005 W 2:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

PRACTCM BEG COUNSEL PSYCH 691A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018

 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

PSYCHOLOGY

(CONTINUED)

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 2018.
 7667005 W 12:10-1:00 MEISSNER C
 MEETS: JAN 8-MAY 4

RESRCH SEMNR SOCIAL PSYCH 692R 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2018.
 9085005 F 12:10-1:30 GENTILE D
 ARRANGED
 MEETS: JAN 8-MAY 4

INTERN COUNSELING PSYCH 697 R CREDIT
 Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH
 PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN
 6182005 ARRANGED
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

STRATEG PLAN AD&P.R P R 301 3 CREDITS
 Prereq: ADVRT 230 OR P R 220
 Note: SEC 1A,2A ETC RESTRICTED TO JL MC, ADVRT, P R
 SEC 1B,2B ETC FOR MAJORS OTHER THAN JL MC, ADVRT,
 P R
 6910005 1A MW 9:30-10:50
 MEETS: JAN 8-MAY 4
 6910010 1B MW 9:30-10:50
 MEETS: JAN 8-MAY 4
 6910015 2A TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 6910020 2B TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 6910025 3A TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 6910030 3B TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 6910035 4A TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 6910040 4B TR 11:00-12:20
 MEETS: JAN 8-MAY 4

PUBLICITY METHODS P R 305 3 CREDITS
 Prereq: ENGL 250, SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO MAJORS OTHER THAN
 ADVRT, JL MC OR P R.
 6911005 1 TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 6911010 2 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

PUBLIC RELATNS WRIT P R 321 3 CREDITS
 Prereq: JL MC 110, C+ OR BETTER IN JL MC 201;
 CREDIT OR CONCURRENT ENROLLMENT IN ADVRT 301 OR
 P R 301
 7171005 1 MW 12:10-2:00
 MEETS: JAN 8-MAY 4
 7171010 2 TR 2:10-4:00
 MEETS: JAN 8-MAY 4
 7171015 3 TR 8:00-9:50
 MEETS: JAN 8-MAY 4
 7171020 4 MW 5:10-7:00PM
 MEETS: JAN 8-MAY 4

STRATGC COUNSEL P R P R 322X 3 CREDITS
 5847005 1 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

PRO SKILL DEVEL:MAP P R 390A 1 CREDIT
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR
 PERMISSION FOR NONMAJORS
 9712005 1 ARRANGED
 MEETS: JAN 8-MAY 4

PUBLIC RELATIONS

(CONTINUED)

CRISIS COMMUNICATIO P R 420 3 CREDITS
 Prereq: P R 220
 7457005 TR 3:40-5:00
 MEETS: JAN 8-MAY 4

PUBLIC REL CAMPAIGN P R 424 3 CREDITS
 Prereq: C+ OR BETTER IN P R 321; ADVRT 301 OR
 P R 301
 7211005 1 TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 7211010 2 TR 2:40-4:00
 MEETS: JAN 8-MAY 4

SPL TOPC MAGZN PUBL P R 497C 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9910005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

SPL TOP COMPUT COMM P R 497J 3 CREDITS
 9908005 A1 MW 4:10-5:50
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY
 9908010 A2 MW 4:10-5:50
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN ADVRT, JL MC,
 P R

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 WILSON C
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO FRESHMAN ONLY
 6109010 B MWF 9:00-9:50 CARAWAY R
 MEETS: JAN 8-MAY 4
 6109015 C TR 12:40-2:00 CHILCOTT T
 MEETS: JAN 8-MAY 4
 6109020 D TR 9:30-10:50 WILSON C
 MEETS: JAN 8-MAY 4
 6109025 E MWF 10:00-10:50 NORTHWAY E
 MEETS: JAN 8-MAY 4
 6109030 F MWF 11:00-11:50 CARAWAY R
 MEETS: JAN 8-MAY 4
 6109040 G TR 2:10-3:30 ARCHER G
 MEETS: JAN 8-MAY 4
 6109045 J MWF 12:10-1:00 NORTHWAY E
 MEETS: JAN 8-MAY 4

RELIGION IN AMERICA RELIG 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 6188005 A MWF 8:00-8:50 CHASE C
 MEETS: JAN 8-MAY 4
 6188010 B MWF 10:00-10:50 CHASE C
 MEETS: JAN 8-MAY 4
 6188015 C MWF 8:00-8:50 ESLINGER B
 MEETS: JAN 8-MAY 4
 6188020 D MWF 10:00-10:50 ESLINGER B
 MEETS: JAN 8-MAY 4
 6188025 E MWF 12:10-1:00 CHASE C
 MEETS: JAN 8-MAY 4
 6188605 XW ARRANGED CHASE C
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

CHRISTNTY:RFRMTN ON RELIG 243 3 CREDITS
 5242005 MWF 1:10-2:00 CARAWAY R
 MEETS: JAN 8-MAY 4

NEW TESTAMENT RELIG 322 3 CREDITS
 6195005 MWF 3:10-4:00 AVALOS H
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.

CHRISTIANITY&SCIENC RELIG 324 3 CREDITS
 Prereq: BIOL 101, OR ANOTHER SCIENCE COURSE
 TAUGHT AT ISU
 2458005 TR 9:30-10:50 CLIFFORD A
 MEETS: JAN 8-MAY 4

RELIGIOUS STUDIES (CONTINUED)

PHILOS OF RELIGION RELIG 350 3 CREDITS
 Prereq: PHIL 201
 6199005 A TR 12:40-2:00 GEIRSSON H
 MEETS: JAN 8-MAY 4

INTRODUCTN TO ISLAM RELIG 358 3 CREDITS
 Note: Meets international perspectives reqmt
 3332005 TR 11:00-12:20 ARCHER G
 MEETS: JAN 8-MAY 4

RELIGION ANC GR&ROM RELIG 368X 3 CREDITS
 Note: Meets international perspectives reqmt
 9901005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

RELIGION & POLITICS RELIG 370 3 CREDITS
 3165005 A TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 3165010 B TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

SEM:ISS STUDY RELIG RELIG 475 3 CREDITS
 Prereq: 6 CREDITS IN RELIGIOUS STUDIES
 6204005 M 11:00-1:30 AVALOS H
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY RELIG 490 1- 3 CREDITS
 Prereq: 6 CR IN RELIGIOUS STUDIES; PERMISSION
 OF INSTRUCTOR; APPROVAL OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
 APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS RELIG 490H 1- 3 CREDITS
 Prereq: 6 CR IN RELIG PERMISSION OF INSTRUCTOR,
 APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH & EVALUATION

INTRO EDUC RESEARCH RESEV 550 3 CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 6211005 1 R 5:30-8:20PM
 MEETS: JAN 8-MAY 4

BASIC EDUC STATISTIC RESEV 552 3 CREDITS
 7368005 1 W 5:30-8:20PM
 MEETS: JAN 8-MAY 4

INTMED EDUC STATIST RESEV 553 3 CREDITS
 Prereq: RESEV 552 OR STAT 401
 Note: COURSE FOR STUDENTS IN EDUCATION
 7684005 1 T 5:30-8:20PM
 MEETS: JAN 8-MAY 4
 Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS ONLY.

SURVEY ED RESEARCH RESEV 570 3 CREDITS
 Prereq: RESEV 552 OR EQUIVALENT
 8408005 1 W 5:30-8:20PM
 MEETS: JAN 8-MAY 4

INTRO QLTV RES MTHD RESEV 580 3 CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 4059005 1 T 5:30-8:20PM
 MEETS: JAN 8-MAY 4

SPECIAL TOPICS RESEV 590 1- 3 CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRVSD FIELD EXPER RESEV 591 2- 4 CREDITS
 Prereq: RESEV 553 OR RESEV 680
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROGRAM ASSESS&EVAL RESEV 597 3 CREDITS
 Prereq: RESEV 550
 Note: COURSE RESTRICTED TO COLLEGE OF HUMAN SCIENCES
 GRADUATE STUDENTS.
 6218005 1 R 1:10-4:00
 MEETS: JAN 8-MAY 4
 6218010 2 W 9:00-11:50
 MEETS: JAN 8-MAY 4

RESEARCH & EVALUATION (CONTINUED)

FOUND QUALV INQUIRY RESEV 603X 3 CREDITS
 Prereq: C I 601
 9899005 R 5:30-8:20PM
 MEETS: JAN 8-MAY 4

CRIT ISS QLTV INQUI RESEV 680 3 CREDITS
 Prereq: RESEV 580
 4564005 1 R 5:30-8:20PM
 MEETS: JAN 8-MAY 4

ADV SPECIAL TOPICS RESEV 690 1- 3 CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RESEV 699 VAR. CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN

ELEM RUSSIAN II RUS 102 4 CREDITS
 Prereq: RUS 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
 SCHOOL RUS MAY NOT ENROLL IN 102. STUDENTS WHO HAVE
 COMPLETED MORE THAN 1 YR BUT LESS THAN 3 YRS OF H.S.
 RUSSIAN ARE REQUIRED TO TAKE 1ST YEAR TESTOUT EXAM.
 Meets international perspectives reqmt
 6226005 1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1 HYBRID FORMAT

INTERMED RUSSIAN II RUS 202 4 CREDITS
 Prereq: RUS 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 Meets international perspectives reqmt
 6229005 1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1 HYBRID FORMAT

COMPOS&CONVERSATION RUS 301 3 CREDITS
 Prereq: RUS 202
 Note: Meets international perspectives reqmt
 6230005 1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY RUS 490 1- 6 CREDITS
 Prereq: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN RUS 490 MAY BE
 APPLIED TOWARD GRADUATION
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSH IN RUSSIAN RUS 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL;
 PERMISSION OF ADVISER AND WORLD LANGUAGES AND
 CULTURES INTERNSHIP COORDINATOR
 Note: NO MORE THAN 3 CREDITS IN RUS 499 MAY BE
 APPLIED TOWARD GRADUATION IN THE MAJOR
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEED TECHNOLOGY AND BUSINESS

CREATIVE COMPONENT STB 599 2- 3 CREDITS
 Prereq: ADMISSION TO SEED TECHNOLOGY AND BUSINESS
 MASTER'S DEGREE PROGRAM AND PERMISSION OF INSTRUCTOR
 3239005 ARRANGED
 MEETS: JAN 8-MAY 4

SOCIOLOGY

SOCIOLOGY ORIENTATN SOC 115 1 CREDIT
 Satisfactory-Fail Only.
 6345005 A MW 9:00-9:50 HAGLEY M
 MEETS: JAN 8-MARCH 2

INTRO TO SOCIOLOGY SOC 134 3 CREDITS
 Note: CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 6346005 1 MWF 10:00-10:50 SCHWEINGRUBER D
 MEETS: JAN 8-MAY 4
 6346600 XW ARRANGED KRIER D
 MEETS: JAN 8-MAY 4
 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
 MEETS: JAN 8-MAY 4
 6349010 B MWF 11:00-11:50 STOEHR A
 MEETS: JAN 8-MAY 4

SOCIOLOGY (CONTINUED)

SOCIOLOGY (CONTINUED)

GLOBAL SUSTAINBLTY SOC 220 3 CREDITS
 Note: Meets international perspectives reqmt
 3847005 1 MWF 11:00-11:50 HALLAM A
 MEETS: JAN 8-MAY 4

SOCIAL PROBLEMS SOC 235 3 CREDITS
 Prereq: SOC 134
 Note: Meets U.S. diversity reqmt
 6347005 A TR 9:30-10:50 WAHL D
 MEETS: JAN 8-MAY 4

YOUTH & CRIME SOC 241 3 CREDITS
 Prereq: SOC 134
 6350005 A TR 11:00-12:20 ERICKSON J
 MEETS: JAN 8-MAY 4

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 SAPP S
 MEETS: JAN 8-MAY 4
 6354010 B TR 2:10-3:30 DORIUS S
 MEETS: JAN 8-MAY 4

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 JONES-JOHNSON G
 MEETS: JAN 8-MAY 4
 6355010 A2 MWF 9:00-9:50 JONES-JOHNSON G
 MEETS: JAN 8-MAY 4
 6355015 B1 MWF 1:10-2:00 JONES-JOHNSON G
 MEETS: JAN 8-MAY 4
 6355020 B2 MWF 1:10-2:00 JONES-JOHNSON G
 MEETS: JAN 8-MAY 4

COMMUNITY SOC 310 3 CREDITS
 Prereq: SOC 134
 6321005 A MWF 8:00-8:50 REGER R
 MEETS: JAN 8-MAY 4

TRANSITION IN AGRIC SOC 325 3 CREDITS
 6322005 A1 TR 12:40-2:00 BAIN C
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO AG SO, INDIS, PSA, SOC
 MAJORS ONLY
 6322010 A2 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 6356010 A2 MWF 10:00-10:50 POPILLION A
 MEETS: JAN 8-MAY 4

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
 6352605 XW ARRANGED KUSOW A
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

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 DOBRATZ B
 MEETS: JAN 8-MAY 4
 6357010 A2 TR 3:40-5:00 DOBRATZ B
 MEETS: JAN 8-MAY 4

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 8-MAY 4

DEVIANT & CRIM BEHAV SOC 340 3 CREDITS
 Prereq: SOC 134 OR CJ ST 240
 6358005 A MWF 11:00-11:50 BEHNKEN M
 MEETS: JAN 8-MAY 4

POPULATION & SOCIETY SOC 345 3 CREDITS
 Prereq: SOC 134
 Note: Meets international perspectives reqmt
 6359005 A TR 2:10-3:30 MAZUR R
 MEETS: JAN 8-MAY 4

GLBL POV&SUSTNB DEV SOC 348 3 CREDITS
 Prereq: SOC 134
 Note: Meets international perspectives reqmt
 9576005 A TR 12:40-2:00 DORIUS S
 MEETS: JAN 8-MAY 4
 9576605 XW ARRANGED MAZUR R
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW

SOCIOLOGY OF WORK SOC 380 3 CREDITS
 Prereq: SOC 134
 6362005 A MWF 9:00-9:50 REGER R
 MEETS: JAN 8-MAY 4

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 BALAYAR R
 MEETS: JAN 8-MAY 4
 7713010 A2 MWF 9:00-9:50 BALAYAR R
 MEETS: JAN 8-MAY 4

CONTEM SOC THEORIES SOC 401 3 CREDITS
 Prereq: 9 CREDITS IN SOC
 6365005 A MWF 3:10-4:00 SAPP S
 MEETS: JAN 8-MAY 4
 6365010 B TR 12:40-2:00 KRIER D
 MEETS: JAN 8-MAY 4

SURV RSEARCH METHDS SOC 414X 3 CREDITS
 Prereq: STAT 101 OR STAT 104; SOC 302
 9720005 A MWF 2:10-3:00 PETERS D
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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

QUALITY RSRCH METHD SOC 513 3 CREDITS
 Prereq: SOC 511
 8565005 A R 3:10-6:00PM OBERHAUSER A
 MEETS: JAN 8-MAY 4

SEM SOC PSY SYMBOLC SOC 525C 3 CREDITS
 Prereq: SOC 305 OR PSYCH 280
 5246005 A W 5:10-8:00PM SCHWEINGRUBER D
 MEETS: JAN 8-MAY 4

STRAT ENGAGE CMUNTY SOC 536 3 CREDITS
 Prereq: 6 CREDITS IN SOCIOLOGY
 8646005 A TR 11:00-12:20 WELLS B
 MEETS: JAN 8-MAY 4

SOCIOLOGY

(CONTINUED)

SOFTWARE ENGINEERING

(CONTINUED)

SOC OF THE ENVIRNMT SOC 549 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6335005 A TR 9:30-10:50 BAIN C
 MEETS: JAN 8-MAY 4

SPCL TOPICS GEN SOC SOC 590A 1- 3 CREDITS
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS RURAL SOC SOC 590B 1- 3 CREDITS
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RES GEN SOC SOC 599A 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RSRCH RURAL SOC 599B 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

STRUC EQUATN MODELS SOC 613 3 CREDITS
 Prereq: SOC 512 AND STAT 404, OR WITH INSTRUCTORS
 PERMISSION.
 6341005 TR 8:00-9:20
 MEETS: JAN 8-MAY 4

RESEARCH GENERL SOC SOC 699A 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RURAL SOC SOC 699B 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE ENGINEERING

SOFTWARE ENGR ORIENT S E 101 R CREDIT
 7288005 W 11:00-11:50
 MEETS: JAN 8-MAY 4

SOFTWR ENGR CAREERS S E 166 R CREDIT
 7290005 A T 9:00-9:50
 MEETS: JAN 8-MAY 4

7290010 B W 9:00-9:50
 MEETS: JAN 8-MAY 4

7290015 C R 9:00-9:50
 MEETS: JAN 8-MAY 4

PROB SOLV SFTWR ENG S E 185 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH
 PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: M E 160, ENGR 160,
 A B E 160, AER E 160, C E 160, CPR E 185, E E 185,
 S E 185, I E 148

4922005 A MW 10:00-10:50
 T 10:00-11:50
 MEETS: JAN 8-MAY 4

4922010 B MW 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 8-MAY 4

4922015 C MW 10:00-10:50
 R 4:10-6:00PM
 MEETS: JAN 8-MAY 4

4922020 D MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 8-MAY 4

SFTWR CNSTR&USER IN S E 319 3 CREDITS
 Prereq: COM S 228
 7191005 1 MWF 4:10-5:00 MITRA S
 MEETS: JAN 8-MAY 4

SOFTWARE PROJCT MGT S E 329 3 CREDITS
 Prereq: COM S 309
 7377005 TR 12:40-1:55
 MEETS: JAN 8-MAY 4

SFTWR ARCHITC&DSIGN S E 339 3 CREDITS
 Prereq: S E 319
 7259005 TR 4:10-5:30
 MEETS: JAN 8-MAY 4

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 BASU S
 MEETS: JAN 8-MAY 4

1043100 1 W 9:00-9:50
 MEETS: JAN 8-MAY 4

1043105 2 W 4:10-5:00
 MEETS: JAN 8-MAY 4

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

FORML MTHDS SFTWR E S E 412 3 CREDITS
 Prereq: COM S 230 OR CPR E 310; COM S 311,
 STAT 330
 7257005 MWF 3:10-4:00 MINER A
 MEETS: JAN 8-MAY 4

SOFTWR EVOLU&MAINT S E 416 3 CREDITS
 Prereq: COM S 309
 7240005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

LG SC DTA ANLY SFTW S E 419 4 CREDITS
 7517005 A TR 9:30-10:50
 W 2:10-4:00
 MEETS: JAN 8-MAY 4

7517010 B TR 9:30-10:50
 W 4:10-6:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

SR DSIGN PROJECT II S E 492 2 CREDITS
 Prereq: S E 491
 7371005 R 2:10-3:00, ARRANGED
 MEETS: JAN 8-MAY 4

S E PORTFOLIO DEVEL S E 494 R CREDIT
 Prereq: CREDIT OR ENROLLMENT IN S E 491
 6467005 F 4:10-5:00
 MEETS: JAN 8-MAY 4

SPANISH

ACCEL SPANISH REVIEW SPAN 97 0 CREDITS
 Prereq: TWO YEARS BUT LESS THAN THREE YEARS OF
 HIGH-SCHOOL SPANISH
 Note: DEVELOPMENTAL SPANISH FEE APPLIES. SEE
[HTTP://WWW.REGISTRAR.IASTATE.EDU/FEES/OTHFEE.SHTML](http://www.registrar.iastate.edu/fees/othfee.shtml)
 FOR MORE INFORMATION ON THIS FEE.

8246005 1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

8246010 2 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

ELEMENTRY SPANISH I SPAN 101 4 CREDITS
 6473005 1 MTWR 11:00-11:50
 MEETS: JAN 8-MAY 4

ELEM SPANISH II SPAN 102 4 CREDITS
 Prereq: SPAN 101, SPAN 97 OR PLACEMENT BY
 DEPARTMENTAL EXAM
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
 SCHOOL SPAN MAY NOT ENROLL IN 102.
 Meets international perspectives reqmt

6474005 1 MTWR 9:00-9:50
 MEETS: JAN 8-MAY 4

6474010 2 MTWR 10:00-10:50
 MEETS: JAN 8-MAY 4

6474015 3 MTWR 11:00-11:50
 MEETS: JAN 8-MAY 4

6474020 4 MTWR 12:10-1:00
 MEETS: JAN 8-MAY 4

INTERMED SPANISH I SPAN 201 4 CREDITS
 Prereq: SPAN 102 OR PLACEMENT BY DEPARTMENTAL
 EXAM
 Note: Meets international perspectives reqmt

6477005 1 MWR 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 8-MAY 4

INTERMED SPANISH II SPAN 202 4 CREDITS
 Prereq: SPAN 201 OR PLACEMENT BY DEPARTMENTAL
 EXAM
 Note: Meets international perspectives reqmt

6478005 1 MTWR 10:00-10:50
 MEETS: JAN 8-MAY 4

Note: Materials and equipment use fee \$25.00

6478010 2 MTWR 11:00-11:50
 MEETS: JAN 8-MAY 4

Note: Materials and equipment use fee \$25.00

6478015 3 MTWR 12:10-1:00
 MEETS: JAN 8-MAY 4

Note: Materials and equipment use fee \$25.00

6478020 4 MTWR 1:10-2:00
 MEETS: JAN 8-MAY 4

Note: Materials and equipment use fee \$25.00

SPANISH

(CONTINUED)

CONVERS THRU CULTUR SPAN 303A 3 CREDITS
 Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM
 Note: Meets international perspectives reqmt
 6142005 1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 6142010 2 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 6142015 3 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 6142020 4 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

CONVERS FOR PROFSNL SPAN 303B 3 CREDITS
 Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM
 Note: Meets international perspectives reqmt
 6160005 1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 6160010 2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 6160015 3 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 6160020 4 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

TXTUAL&MEDIA ANALYS SPAN 314 3 CREDITS
 Prereq: SPAN 301
 Note: Meets international perspectives reqmt
 8894005 1 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

SPANISH CIVILIZATN SPAN 321 3 CREDITS
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL
 Note: Meets international perspectives reqmt
 6483005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

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
 MEETS: JAN 8-MAY 4

LATIN AMERICA TODAY SPAN 324 3 CREDITS
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL
 Note: Meets international perspectives reqmt
 4100005 1 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

STDI LATIN AMER LIT SPAN 332 3 CREDITS
 Prereq: SPAN 314
 Note: Meets international perspectives reqmt
 6487005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

INTR SPANSH PHONOLG SPAN 352 3 CREDITS
 Prereq: SPAN 301, SPAN 303 OR SPAN 304
 Note: Meets international perspectives reqmt
 3382005 1 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

INTR SPN-ENG INTERP SPAN 354 3 CREDITS
 Prereq: SPAN 351
 Note: Meets international perspectives reqmt
 9273005 1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

SEM LIT&CULTR SPAIN SPAN 440 3 CREDITS
 Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333 (RECOMMEND SPAN 330 & SPAN 331)
 Note: Meets international perspectives reqmt
 7688005 1 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

SEM LIT&CUL LATN AM SPAN 445 3 CREDITS
 Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333 (RECOMMEND SPAN 332 & SPAN 333)
 Note: Meets international perspectives reqmt
 6496005 1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1 TOPIC: LATIN AMERICAN SCIENCE FICTION

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

(CONTINUED)

SPANISH INTERNSHIP SPAN 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSN OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR
 Note: NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM LIT&CULTR SPAIN SPAN 540 3 CREDITS
 Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT 400 LEVEL
 7467005 1 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

SEM LIT&CUL LATN AM SPAN 545 3 CREDITS
 Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT 400 LEVEL
 Note: TOPIC: WORLD LITERATURE IN SPANISH
 7468005 1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC 1 TOPIC: LATIN AMERICAN SCIENCE FICTION

SPL TOP SPAN CIVLZN SPAN 590D 1- 4 CREDITS
 Prereq: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN
 3907043 EM ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 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 8-MAY 4

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 8-MAY 4

TCH SCDRY EXCEP GEN SP ED 401 3 CREDITS
 5059005 1 TR 11:00-12:15
 MEETS: JAN 8-MAY 4

SUPV STUDENT TEACHG SP ED 416 VAR. CREDITS
 Prereq: FULL ADMISSION TO TEACHER EDUC, SENIOR CLASSIFICATION, MAJOR IN ELEMENTARY EDUC, SP ED 330, SP ED 334, SP ED 365, SP ED 436, SP ED 439, C I 2801, C I 452
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM OFFERED FOR 8 CREDITS SPRING 2018
 Department permission required 1st week.
 3286005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 3286015 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 3286010 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 3286020 2R ARRANGED
 MEETS: MARCH 5-MAY 4

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 8-MAY 4

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 8-MAY 4

SPECIAL EDUCATION (CONTINUED)

SPEECH COMMUNICATION (CONTINUED)

INDEPENDENT STUDY SP ED 490 1- 5 CREDITS
 Prereq: 12 CR IN EL ED, PERMISSION OF DEPT CHAIR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EVID-BS PRAC BHV DS SP ED 530 3 CREDITS
 Prereq: SP ED 511, SP ED 515
 2638005 W 5:10-8:00PM
 S 9:00-3:30
 MEETS: JAN 8-MAY 4

EVID-BS PRAC LRN DS SP ED 540 3 CREDITS
 Prereq: SP ED 511, SP ED 515
 Note: SAT MEETINGS 3/8, 4/26
 2642005 M 5:10-8:00PM
 S 9:00-3:30
 MEETS: JAN 8-MAY 4

SPECIAL TOPICS SP ED 590 1- 5 CREDITS
 Prereq: 15 CRS IN EDUC
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUP FL EXP DSBL,K-8 SP ED 591G 1- 6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
 Note: COURSE RESTRICTED TO C I & EDUC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUP F EXP DSBL,5-12 SP ED 591H 1- 6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
 Note: COURSE RESTRICTED TO C I & EDUC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FLD EXP BHV/DS SP ED 591K 1- 6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION
 Note: COURSE RESTRICTED TO C I & EDUC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SP ED 599 1- 5 CREDITS
 Prereq: 15 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SP ED 699 VAR. CREDITS
 Prereq: 15 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPEECH COMMUNICATION

LISTENING SP CM 110 3 CREDITS
 6418005 A MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

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 1-27.

8643020 1 MWF 8:00-8:50
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643025 2 MWF 9:00-9:50
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643030 3 MWF 9:00-9:50
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643035 4 MWF 9:00-9:50
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643040 5 MWF 10:00-10:50
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643045 6 MWF 10:00-10:50
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643050 7 MWF 11:00-11:50
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643055 8 MWF 11:00-11:50
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643060 9 MWF 11:00-11:50
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643065 10 MWF 11:00-11:50
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643070 11 MWF 11:00-11:50
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643075 12 MWF 1:10-2:00
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643080 13 MWF 2:10-3:00
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643085 14 MWF 2:10-3:00
 MW 11:00-11:50
 MEETS: JAN 8-MAY 4

8643090 15 MWF 10:00-10:50
 MW 12:10-1:00
 MEETS: JAN 8-MAY 4

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 8643095 16 MWF 12:10-1:00
 MW 12:10-1:00
 MEETS: JAN 8-MAY 4

8643100 17 MWF 12:10-1:00
 MW 12:10-1:00
 MEETS: JAN 8-MAY 4

8643015 18 MWF 12:10-1:00
 MW 12:10-1:00
 MEETS: JAN 8-MAY 4

8643110 19 MWF 12:10-1:00
 MW 12:10-1:00
 MEETS: JAN 8-MAY 4

8643115 20 MWF 1:10-2:00
 MW 12:10-1:00
 MEETS: JAN 8-MAY 4

8643120 21 MWF 1:10-2:00
 MW 12:10-1:00
 MEETS: JAN 8-MAY 4

8643125 22 MWF 1:10-2:00
 MW 12:10-1:00
 MEETS: JAN 8-MAY 4

8643130 23 MWF 2:10-3:00
 MW 12:10-1:00
 MEETS: JAN 8-MAY 4

8643135 24 MWF 2:10-3:00
 MW 12:10-1:00
 MEETS: JAN 8-MAY 4

8643140 25 MWF 3:10-4:00
 MW 12:10-1:00
 MEETS: JAN 8-MAY 4

8643145 26 MWF 3:10-4:00
 MW 12:10-1:00
 MEETS: JAN 8-MAY 4

8643150 27 MWF 3:10-4:00
 MW 12:10-1:00
 MEETS: JAN 8-MAY 4

8643155 28 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

8643160 29 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

8643165 30 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

8643170 31 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

8643175 32 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4

8643180 33 MWF 3:10-4:00
 MEETS: JAN 8-MAY 4

8643185 34 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

8643190 35 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

8643195 36 TR 2:10-3:30
 MEETS: JAN 8-MAY 4

8643200 37 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

8643205 38 TR 11:00-12:20
 ARRANGED
 MEETS: JAN 8-MAY 4

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 1/8, 1/25, 2/6, 2/13,
 2/15, 2/20, 2/22, 3/6, 3/20, 3/27, 3/29, 4/3, 4/5
 4/19, 4/24, 4/26.

8643210 39 TR 11:00-12:20
 ARRANGED
 MEETS: JAN 8-MAY 4

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 1/8, 1/25, 2/6, 2/13,
 2/15, 2/20, 2/22, 3/6, 3/20, 3/27, 3/29, 4/3, 4/5
 4/19, 4/24, 4/26.
 Course delivery is WWW

8643215 40 TR 12:40-2:00
 ARRANGED
 MEETS: JAN 8-MAY 4

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 1/8, 1/25, 2/6, 2/13,
 2/15, 2/20, 2/22, 3/6, 3/20, 3/27, 3/29, 4/3, 4/5
 4/19, 4/24, 4/26.
 Course delivery is WWW

8643220 41 TR 2:10-3:30, ARRANGED
 MEETS: JAN 8-MAY 4

Note: SEC 41 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 1/8, 1/25, 2/6, 2/13,
 2/15, 2/20, 2/22, 3/6, 3/20, 3/27, 3/29, 4/3, 4/5
 4/19, 4/24, 4/26.
 Course delivery is WWW

8643225 42 TR 2:10-3:30, ARRANGED
 MEETS: JAN 8-MAY 4

Note: SEC 42 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

SPEECH COMMUNICATION (CONTINUED)

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 MEETINGS OCCURRING ON 1/8, 1/25, 2/6, 2/13, 2/15, 2/20, 2/22, 3/6, 3/20, 3/27, 3/29, 4/3, 4/5 4/19, 4/24, 4/26.
 Course delivery is WWW
 8643230 43 TR 12:40-2:00
 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC 43 IS A WEB-BLENDED COURSE WITH 50% OF CLASS TAKING PLACE ONLINE AND 50% OF CLASS MEETINGS TAKING PLACE ON CAMPUS AT THE TIME AND LOCATION THIS INDICATED ABOVE. THIS COURSE WILL HAVE 16 ON CAMPUS MEETINGS OCCURRING ON 1/8, 1/25, 2/6, 2/13, 2/15, 2/20, 2/22, 3/6, 3/20, 3/27, 3/29, 4/3, 4/5 4/19, 4/24, 4/26.

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 8-MAY 4

SPECIAL PROJECTS SP CM 290 1- 2 CREDITS
 Prereq: 3 CREDITS IN SP CM; PERMISSION OF PROGRAM DIRECTOR
 Note: NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINOR.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS&PRO SPEAKG SP CM 312 3 CREDITS
 Prereq: SP CM 212
 Note: SEC A1,B1 ETC RESTRICTED TO SP CM MAJORS ONLY. SEC A2,B2 ETC RESTRICTED TO MAJORS OTHER THAN SP CM.
 6429005 A1 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 6429010 A2 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 6429015 B1 MW 3:10-4:30, ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC B1 DELIVERY WEB IN CLASSROOM BLENDED WITH 60 % OF CLASS MEETINGS TAKING PLACE ONLINE. 10 ON-CAMPUS MEETINGS 1/8, 2/7,2/19,2/21,3/7,3/26,3/28, 4/18,4/23,4/25, AND 2 ON CAMPUS BY APPOINTMENT CONFERENCES WITH INSTRUCTOR
 6429020 B2 MW 3:10-4:30, ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC B2 DELIVERY WEB IN CLASSROOM BLENDED WITH 60 % OF CLASS MEETINGS TAKING PLACE ONLINE. 10 ON-CAMPUS MEETINGS 1/8, 2/7,2/19,2/21,3/7,3/26,3/28, 4/18,4/23,4/25, AND 2 ON CAMPUS BY APPOINTMENT CONFERENCES WITH INSTRUCTOR
 6429025 C1 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 6429030 C2 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

GENDER & COMMUNICTN SP CM 323 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2640005 A MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 2640010 B TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 2640015 C TR 12:40-1:55
 MEETS: JAN 8-MAY 4

LEGAL COMMUNICATION SP CM 324 3 CREDITS
 Prereq: SP CM 212
 6190005 A MW 5:10-6:40PM
 MEETS: JAN 8-MAY 4

PERSUASN&SOC INFLUE SP CM 327 3 CREDITS
 Prereq: SP CM 212
 Note: SEC A1 RESTRICTED TO SP CM MAJORS ONLY. SEC A2 FOR MAJORS OTHER THAN SP CM.
 6437005 A1 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 6437010 A2 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

RHETORICAL TRADITNS SP CM 350 3 CREDITS
 Prereq: ENGL 250
 3005005 A1 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM MAJORS ONLY
 3005010 A2 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

SPEECH COMMUNICATION (CONTINUED)

INDEPENDENT STUDY SP CM 490 1- 3 CREDITS
 Prereq: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATN, PERMISSION OF PROGRAM DIRECTOR
 Note: NO CREDITS IN SP CM 490 MAY BE APPLIED TOWARD THE MINOR
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIRECT SPEECH ACTIV SP CM 495A 1 CREDIT
 Prereq: C I 301; 9 CR IN SP CM; MINIMUM GPA OF 2.5 IN SP CM COURSES
 6445005 ARRANGED
 MEETS: JAN 8-MAY 4
 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 A MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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

CORE STU:PRO CMUNIC SP CM 592C 3 CREDITS
 Prereq: 12 CR IN REHTORIC, LINGUISTICS, OR LIT EXCLUDING ENGL 150 AND ENGL 250
 1388005 A TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO ACCT GRADUATE STUDENTS ONLY

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 8-MAY 4
 Note: Instructor permission required 1st week.
 6502010 B MWF 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6502015 C MWF 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6502020 D MWF 10:00-10:50
 T 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6502025 E MWF 11:00-11:50
 W 12:10-2:00
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6502030 F MWF 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6502035 G MWF 3:10-4:00
 R 2:10-4:00
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6502040 H MWF 3:10-4:00
 R 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6502045 J MWF 2:10-3:00
 T 10:00-11:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6502050 K MWF 2:10-3:00
 T 12:10-2:00
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6502055 L MWF 1:10-2:00
 W 8:00-9:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6502060 M MWF 1:10-2:00
 W 10:00-11:50
 MEETS: JAN 8-MAY 4

STATISTICS

(CONTINUED)

PRIN OF STATISTICS STAT 101 4 CREDITS
 Note: Instructor permission required 1st week.
 6502065 N MWF 8:00-8:50
 T 8:00-9:50
 MEETS: JAN 8-MAY 4
 Note: Instructor permission required 1st week.
 6502070 P MWF 8:00-8:50
 M 10:00-11:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 6503010 B TR 2:10-3:00
 F 2:10-4:00
 MEETS: JAN 8-MAY 4
 6503015 C TR 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 8-MAY 4
 6503020 D TR 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 8-MAY 4
 6503025 E MW 8:00-8:50
 R 12:10-2:00
 MEETS: JAN 8-MAY 4
 6503030 F MW 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

INTR STAT CNCPT&MTH STAT 201 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 165
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226.
 4709005 MWF 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 3975010 B TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 3975015 C TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 3975020 D TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 3975025 E TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 3975030 F TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 3975035 G TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 3975040 J TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 3975045 K TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 3975050 L TR 11:00-12:20
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 6507010 B MTRF 12:10-1:00
 MEETS: JAN 8-MAY 4

INTMD STT CNCPT&MTH STAT 301 4 CREDITS
 Prereq: STAT 101 OR STAT 104 OR STAT 105 OR STAT 201
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 301, STAT 326, STAT 401
 4710005 A TR 11:00-12:20
 T 2:10-4:00
 MEETS: JAN 8-MAY 4
 4710010 B TR 8:00-9:20
 R 2:10-4:00
 MEETS: JAN 8-MAY 4

STATISTICS

(CONTINUED)

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 8-MAY 4
 6509010 B TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 6509015 C TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 6509020 D TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 6509025 E TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 6509030 F TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 6509600 XW ARRANGED
 MEETS: JAN 8-MAY 4
 GHOSH A
 Note: Section XW is off campus
 Course delivery is WWW

PROBAB MTH,ELEC ENG STAT 322 3 CREDITS
 Prereq: E E 224
 6857005 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 6510010 B MW 3:10-4:00
 R 2:10-4:00
 MEETS: JAN 8-MAY 4
 6510015 C MW 3:10-4:00
 R 12:10-2:00
 MEETS: JAN 8-MAY 4
 6510020 D MW 3:10-4:00
 F 12:10-2:00
 MEETS: JAN 8-MAY 4
 6510025 E MW 3:10-4:00
 F 10:00-11:50
 MEETS: JAN 8-MAY 4
 6510030 F MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 8-MAY 4
 6510035 G MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 8-MAY 4
 6510040 J MW 1:10-2:00
 F 8:00-9:50
 MEETS: JAN 8-MAY 4
 6510045 K MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 8-MAY 4

PROBAB&STAT COM SCI STAT 330 3 CREDITS
 Prereq: MATH 166
 7372005 A MWF 3:10-4:00
 MEETS: JAN 8-MAY 4
 7372010 B MWF 3:10-4:00
 MEETS: JAN 8-MAY 4

INTR THY PROBAB&S I STAT 341 3 CREDITS
 Prereq: MATH 265 (OR MATH 265H)
 Note: CREDIT FOR EITHER STAT/MATH 341 OR STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 6511005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4

STAT QUALITY ASSURN STAT 361 3 CREDITS
 Prereq: STAT 231 OR STAT 401
 6513005 A T 3:40-5:30
 MEETS: JAN 8-MAY 4
 NORDMAN D
 Note: SEC A RESTRICTED TO I E & STAT MAJORS ONLY

COOPERATIVE EDUCATN STAT 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 1530005 ARRANGED
 MEETS: JAN 8-MAY 4

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 MWF 9:00-9:50
 W 12:10-2:00
 MEETS: JAN 8-MAY 4
 Note: SEC A RESTRICTED TO AG COLLEGE AND VET COLLEGE

STATISTICS

(CONTINUED)

STAT METH FOR RSRCH STAT 401 4 CREDITS
 MAJORS, A E, A B E, BCB, BIOL, BOT S, D EX, D EXH,
 DIETH, EEB, EEOB, EEOBS, FS H, FSHNH, GDCEB, GDCBS,
 GENET, HHP, IMBIO, MCDB, NEURO, NS H, NUTR, P PHY,
 PDEXH, PLBIO, SUSAG, TOX, ZLGNS
 Instructor permission required 1st week.
 6514010 B TR 11:00-12:20
 F 2:10-4:00
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR TO POL S, EDUC, HD FS, PSYCH, FS
 SOC, INTST, INDIS MAJORS
 Instructor permission required 1st week.
 6514015 C MWF 1:10-2:00
 T 10:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC C FOR ENGINEERING, PHYSICAL SCIENCES
 MAJORS
 Instructor permission required 1st week.
 6514600 XV ARRANGED VARDEMAN S
 MEETS: JAN 8-MAY 4
 Note: Section XV is off campus
 Course delivery is WWW
 6514605 XW ARRANGED KOEHLER K
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC A FOR HD FS, H SCI, POL S, PSYCH AND SOC
 MAJORS ONLY.
 6515010 B MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR PHYS SCIENCES, MATH, ENGR,
 UNDERGRADS
 6515015 C MWF 3:10-4:00
 MEETS: JAN 8-MAY 4
 Note: SEC C RESTRICTED TO A E, A B E, BMBA, BEMBS,
 DIETH, EEOB, EEOBS, FSHNH, FS H, GENGM, GENET, IMBIO,
 KIN, KIN H, NEURO, MCDB, NEURO, ZLGNS, P PHY, PLBIO,
 PLP M AG COLLEGE & VET COLLEGE MAJORS ONLY.
 REGRES SOC&BHAV RES STAT 404 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 6517005 MW 1:10-2:00
 R 4:10-6:00PM
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 DSGN GENE EXPRS EXP STAT 416 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 8574005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 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 8-MAY 4
 6524600 XW ARRANGED MEEKER W
 MEETS: JAN 8-MAY 4
 Note: THIS SECTION IS RESTRICTED TO BUSINESS ANALYTICS
 MAJORS ONLY
 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 8-MAY 4

STATISTICS

(CONTINUED)

STAT COMPUTING APPL STAT 480 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 6525005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 APP MOD MLTVRT LRNG STAT 502 3 CREDITS
 Prereq: STAT 500, STAT 542, STAT 579
 9789005 MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 9789600 XW ARRANGED VARDEMAN S
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW
 ST MTH SPATIAL DATA STAT 506 3 CREDITS
 Prereq: STAT 447 OR STAT 542
 4078005 TR 2:10-3:30
 MEETS: JAN 8-MAY 4
 STATISTCL MTHODS II STAT 510 3 CREDITS
 Prereq: STAT 500; STAT 447 OR CREDIT OR
 ENROLLMENT IN STAT 543
 4867005 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 4867600 XW ARRANGED NETTLETON D
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW
 THY&APP SAMPLE SURV STAT 521 3 CREDITS
 Prereq: STAT 401; STAT 447 OR STAT 542
 6535005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4
 RELIABILITY STAT 533 3 CREDITS
 Prereq: STAT 342 OR STAT 432 OR STAT 447
 6538005 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 THRY PROBAB&STAT II STAT 543 3 CREDITS
 Prereq: STAT 542
 6547005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 BAYESIAN STATISTICS STAT 544 3 CREDITS
 Prereq: STAT 543
 6548005 TR 8:00-9:20
 MEETS: JAN 8-MAY 4
 FUNCTNL DATA ANALYS STAT 547 3 CREDITS
 Prereq: STAT 543, STAT 511
 9790005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 9790600 XW ARRANGED LI Y
 MEETS: JAN 8-MAY 4
 Note: Section XW is off campus
 Course delivery is WWW
 STAT BIOINFORMATICS 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 8-MAY 4
 SYSTEMS BIOLOGY STAT 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
 OR COM S 228, GEN 411, STAT 430
 5074005 1 TR 12:40-2:00
 MEETS: JAN 8-MAY 4
 STATISTCL COMPUTING STAT 580 3 CREDITS
 Prereq: STAT 579; STAT 447 OR STAT 542
 6553005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

STATISTICS (CONTINUED)

SPECL TOPICS THEORY STAT 590A VAR. CREDITS
6554005 ARRANGED
MEETS: JAN 8-MAY 4

SPCL TOPICS METHODS STAT 590B VAR. CREDITS
6555005 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2018
ARRANGED
MEETS: JAN 8-MAY 4

SPL TOP DESGN EXPER STAT 590C VAR. CREDITS
6556005 ARRANGED
MEETS: JAN 8-MAY 4

SPL TOP SAMP SURVEY STAT 590D VAR. CREDITS
6557005 ARRANGED
MEETS: JAN 8-MAY 4

SPL TOPCS STAT EDUC STAT 590E VAR. CREDITS
8521005 ARRANGED
MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATN STAT 598 R CREDIT
4153002 Prereq: PERMISSION OF THE DEPARTMENT CHAIR
ARRANGED
MEETS: JAN 8-MAY 4

CREATIVE COMPONENT STAT 599 VAR. CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

ADV STATISTIC METHDS STAT 601 3 CREDITS
6559005 Prereq: STAT 520, STAT 543 AND MATH 414 OR
ENROLLMENT IN STAT 641
MWF 11:00-11:50
MEETS: JAN 8-MAY 4

ADV PROBABILTY THRY STAT 642 3 CREDITS
6565005 Prereq: STAT 641, OR STAT 543 AND MATH 515
TR 2:10-3:30
MEETS: JAN 8-MAY 4

ADV STOCHAST PROCES STAT 645 3 CREDITS
3767005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

ADVANCED TIME SERIES STAT 651 3 CREDITS
6570005 Prereq: STAT 551, STAT 642
TR 9:30-10:50
MEETS: JAN 8-MAY 4

ADV SPL TOPC THEORY STAT 690A VAR. CREDITS
6851005 Prereq: PERMISSION OF INSTRUCTOR
ARRANGED
MEETS: JAN 8-MAY 4

ADV SPL TOP METHODS STAT 690B VAR. CREDITS
6852005 Prereq: PERMISSION OF INSTRUCTOR
Note: TOPIC: MODERN STATISTICAL LEARNING II
OFFERED FOR 1 CREDIT SPRING 2018
1 ARRANGED
MEETS: JAN 8-MAY 4

ADV TOP DSIGN EXPER STAT 690C VAR. CREDITS
6854005 Prereq: PERMISSION OF INSTRUCTOR
ARRANGED
MEETS: JAN 8-MAY 4

ADV TOP SAMP SURVEY STAT 690D VAR. CREDITS
6855005 Prereq: PERMISSION OF INSTRUCTOR
ARRANGED
MEETS: JAN 8-MAY 4

ADV TOP STAT COMPUT STAT 690E VAR. CREDITS
1709005 Prereq: PERMISSION OF INSTRUCTOR
ARRANGED
MEETS: JAN 8-MAY 4

ADV TOPICS GRAPHICS STAT 690F VAR. CREDITS
3189005 Prereq: PERMISSION OF INSTRUCTOR
ARRANGED
MEETS: JAN 8-MAY 4

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

SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
Prereq: ECON 101, STAT 226
Note: SEC A1,B1,ECT RESTRICTED TO ACCT, AG B, AG SO,
AST, BUS U, BUSEC, I TEC, ENTSP, FIN, MGMT, MIS,
MKT, P S A, SCM. SEC A2,B2,ECT FOR COLLEGES
SEC A2,B2,ECT FOR COLLEGES OTHER THAN BUSINESS,
AG B, AST, AG SO.
NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION
OF 1200 GERDIN

1629005 A1 MWF 8:00-8:50
MEETS: JAN 8-MAY 4

1629010 A2 MWF 8:00-8:50
MEETS: JAN 8-MAY 4

1629015 B1 MWF 9:00-9:50
MEETS: JAN 8-MAY 4

1629020 B2 MWF 9:00-9:50
MEETS: JAN 8-MAY 4

SUPPLY CHAIN MANAGEMENT (CONTINUED)

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
1629025 C1 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

1629030 C2 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

1629035 D1 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

1629040 D2 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

1629045 E1 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

1629050 E2 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

1629055 F1 TR 12:40-2:00
MEETS: JAN 8-MAY 4

1629060 F2 TR 12:40-2:00
MEETS: JAN 8-MAY 4

1629065 G1 W 6:40-9:25PM
MEETS: JAN 8-MAY 4

1629070 G2 W 6:40-9:25PM
MEETS: JAN 8-MAY 4

1629075 J1 M 6:40-9:25PM
MEETS: JAN 8-MAY 4

1629080 J2 M 6:40-9:25PM
MEETS: JAN 8-MAY 4

1629085 K1 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

1629090 K2 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

1629095 L1 TR 3:40-5:00
MEETS: JAN 8-MAY 4

1629100 L2 TR 3:40-5:00
MEETS: JAN 8-MAY 4

1629105 M1 T 2:10-3:25, ARRANGED
MEETS: JAN 8-MAY 4

1629110 M2 T 2:10-3:25, ARRANGED
MEETS: JAN 8-MAY 4

1629115 N1 R 2:10-3:25, ARRANGED
MEETS: JAN 8-MAY 4

1629120 N2 R 2:10-3:25, ARRANGED
MEETS: JAN 8-MAY 4

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 12:40-1:55
MEETS: JAN 8-MAY 4

7426010 A2 TR 12:40-1:55
MEETS: JAN 8-MAY 4

7426015 B1 TR 3:40-4:55
MEETS: JAN 8-MAY 4

7426020 B2 TR 3:40-4:55
MEETS: JAN 8-MAY 4

7426025 C1 TR 5:10-6:25PM
MEETS: JAN 8-MAY 4

7426030 C2 TR 5:10-6:25PM
MEETS: JAN 8-MAY 4

PROCSS MGT,AN&IMPRV SCM 424 3 CREDITS
Prereq: SCM 301
Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
ENTSP, FIN, I BUS, MGMT, MIS, MKT, SCM UNDERGRAD
MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR
PERMISSION.

5287005 A TR 2:10-3:25
MEETS: JAN 8-MAY 4

5287010 B TR 5:10-6:25PM
MEETS: JAN 8-MAY 4

5287015 C TR 12:40-2:00
MEETS: JAN 8-MAY 4

PROCESS IMPROVEMENT SCM 434X 3 CREDITS
Prereq: SCM 424
Note: COURSE RESTRICTED TO ACCTM BUS U, BUSEC, ENTSP,
FIN, MGMT, MIS, MKT, SCM UNDERGRADS ONLY

9925005 A TR 3:40-4:55
MEETS: JAN 8-MAY 4

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 8-MAY 4

4729010 B TR 3:40-5:00
MEETS: JAN 8-MAY 4

4729015 C MWF 3:10-4:00
MEETS: JAN 8-MAY 4

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,
ENTSP, 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 8:00-8:50
MEETS: JAN 8-MAY 4

6790010 A2 MWF 8:00-8:50
MEETS: JAN 8-MAY 4

SUPPLY CHAIN MANAGEMENT

(CONTINUED)

DECISN TOOLS LOG&OP SCM 460 3 CREDITS
 6790015 B1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 6790020 B2 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 6790025 C1 TR 9:30-10:45
 MEETS: JAN 8-MAY 4
 6790030 C2 TR 9:30-10:45
 MEETS: JAN 8-MAY 4

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, ENTPSP, FIN, MGMT, MIS, MKT UNDERGRADS

6791005 A1 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 6791010 A2 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 6791015 B1 T 6:40-9:25PM
 MEETS: JAN 8-MAY 4
 6791020 B2 T 6:40-9:25PM
 MEETS: JAN 8-MAY 4
 6791025 C1 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4
 6791030 C2 MWF 12:10-1:00
 MEETS: JAN 8-MAY 4

PRIN PRCHS&SPLY MGT SCM 486 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 ENTPSP, 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 8-MAY 4
 Note: SEC A IS A HYBRID CLASS THAT WILL MEET
 MONDAY & WEDNESDAY IN CLASSROOM WITH THE
 REMAINDER OF THE COURSE CONTENT DELIVERED
 ONLINE.

4788010 B MW 3:10-4:00, ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC B IS A HYBRID CLASS THAT WILL MEET
 MONDAY & WEDNESDAY IN CLASSROOM WITH THE
 REMAINDER OF THE COURSE CONTENT DELIVERED
 ONLINE.

4788015 C M 6:40-8:20PM
 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: SEC C IS A HYBRID CLASS THAT WILL MEET
 MONDAY IN CLASSROOM WITH THE REMAINDER OF THE COURSE
 COURSE CONTENT DELIVERED ONLINE.

INDEPENDENT STUDY SCM 490 1- 3 CREDITS
 Prereq: SCM 301, SENIOR CLASSIFICATN, INSTRUCTOR
 PERMISSION
 Note: COURSE NOT OPEN TO P BUS MAJORS
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CASE PRACTICUM SCM 495 3 CREDITS
 Prereq: SCM 301
 4577005 A M 5:10-6:25PM
 ARRANGED
 MEETS: JAN 8-MAY 4

SUPPLY CHAIN MGMT SCM 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 9391005 A TR 7:30-10:50
 MEETS: FEB 20-APRIL 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 MONTABON F
 MEETS: JAN 8-APRIL 2

SPECIAL TOPICS SCM 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINR IN PURCHASNG SCM 603 3 CREDITS
 Prereq: SCM 601 OR CONCURRENT ENROLLMENT
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8039005 A R 1:10-4:00
 MEETS: JAN 8-MAY 4

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 ARRANGED
 MEETS: JAN 8-MAY 4

AGROFORESTRY SYSTEMS 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 8-MAY 4

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 8-MAY 4
 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 STEWART A
 MEETS: JAN 8-MAY 4

SUSTN DSN COLLOQ II SUS E 512 1 CREDIT
 Prereq: SUS E 511
 3625005 M 6:10-8:00PM WAGNER M
 MEETS: JAN 8-MAY 4

HUMN DIMENS SUSNBLY SUS E 531 3 CREDITS
 Prereq: GRADUATE STANDING OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 3820005 T 5:10-7:40PM WAGNER M
 MEETS: JAN 8-MAY 4

MTHDS SUSTNBL DSIGN SUS E 540 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 4055005 F 8:00-10:40 WHEELER A
 MEETS: JAN 8-MAY 4

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 HALLAM A
 MEETS: JAN 8-MAY 4

WORLD FOOD ISSUES T SC 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 5256005 1 TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 5256010 2 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 5256020 4 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 5256025 5 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5211010 B MWF 10:00-10:50 TSOU J
 MEETS: JAN 8-MAY 4
 5211015 C TR 9:30-10:50 SMITH T
 MEETS: JAN 8-MAY 4

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 8-MARCH 2
 8507010 B M 2:10-4:00
 MEETS: MARCH 5-MAY 4
 8507015 C W 2:10-4:00
 MEETS: JAN 8-MARCH 2
 8507020 D W 2:10-4:00
 MEETS: MARCH 5-MAY 4

SOLV TECHNOL PROBLM TSM 115 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN
 MATH 140 OR HIGHER
 1358005 A MW 10:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC A FOR MAJORS OTHER THAN AST, I TEC
 1358010 B TR 3:40-5:40
 MEETS: JAN 8-MAY 4
 Note: SEC B RESTRICTED TO AST, I TEC MAJORS ONLY.

INTR DSGN IN TCNOL TSM 116 3 CREDITS
 4496005 A TR 10:00-11:50
 MEETS: JAN 8-MAY 4

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 8-MARCH 2

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 8-MAY 4
 Note: SEC A1 RESTRICTED TO A B E, AST AND I TEC
 MAJORS
 1359010 A2 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN A B E, AST OR I TEC

MANAGING TECNL PROJ TSM 214 1 CREDIT
 Prereq: TSM 201 OR A B E 201; SOPHOMORE
 CLASSIFICATION IN A E, AST, BSE, OR I TEC
 4057005 A MW 4:10-5:00
 MEETS: MARCH 5-MAY 4

ADV TECH GRPHCS&CAD TSM 216 2 CREDITS
 Prereq: TSM 116
 4504005 A TR 8:00-9:30
 MEETS: JAN 8-MAY 4
 4504010 B TR 12:40-2:00
 MEETS: JAN 8-MAY 4

INTRO MANUFACT PROC TSM 240 3 CREDITS
 6601005 A M 2:10-3:00
 WF 9:00-10:50
 MEETS: JAN 8-MAY 4
 6601010 B M 2:10-3:00
 WF 12:10-2:00
 MEETS: JAN 8-MAY 4
 6601015 C M 2:10-3:00
 TR 9:00-10:50
 MEETS: JAN 8-MAY 4
 6601020 D M 2:10-3:00
 TR 12:10-2:00
 MEETS: JAN 8-MAY 4

TOTAL QUAL IMPROVMT TSM 310 3 CREDITS
 Prereq: STAT 101 OR STAT 104, JR CLASSIFICATION
 9202005 A1 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 Note: SEC A1 RESTRICTED TO AST, I TEC MAJORS ONLY
 9202010 A2 TR 3:40-5:00
 MEETS: JAN 8-MAY 4
 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 8-MAY 4
 Note: SEC A1 RESTRICTED TO AST, I TEC MAJORS ONLY
 1352010 A2 TR 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC A2 FOR MAJORS OTHER THAN AST, I TEC

PRSRV GRAIN QUALITY TSM 322L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN TSM 322
 5581005 A T 12:10-3:00
 MEETS: JAN 8-MAY 4
 5581010 B W 12:10-3:00
 MEETS: JAN 8-MAY 4
 5581015 C W 3:10-6:00PM
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4
 1347010 B MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 8-MAY 4
 1347015 C MW 10:00-10:50
 W 1:10-3:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 3335010 B MW 11:00-11:50
 T 12:40-2:30
 MEETS: JAN 8-MAY 4
 3335015 C MW 11:00-11:50
 R 12:10-2:00
 MEETS: JAN 8-MAY 4
 3335020 D MW 11:00-11:50
 F 12:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 4522010 B MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 8-MAY 4
 4522015 C MW 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 8-MAY 4
 4522020 D MW 9:00-9:50
 F 8:00-9:50
 MEETS: JAN 8-MAY 4
 4522025 E MW 9:00-9:50
 W 2:10-4:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 6831010 B TR 8:00-9:20
 W 12:10-3:00
 MEETS: JAN 8-MAY 4
 6831015 C TR 8:00-9:20
 W 3:10-6:00PM
 MEETS: JAN 8-MAY 4

OCCUPATIONAL SAFETY TSM 370 3 CREDITS
 Prereq: TSM 270, JUNIOR STANDING
 7282005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW

OCCUPAT SAFETY MGMT TSM 371 2 CREDITS
 5626005 A T 12:10-1:00, ARRANGED
 MEETS: JAN 8-MAY 4

TECHNOLGY INTERNSHP TSM 397 R CREDIT
 Prereq: AT LEAST 45 CREDITS OF COURSEWORK,
 CLASSIFICATION IN AST OR I TEC MAJOR, APPROVAL
 OF INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORK EXPRNCE TCHNOL TSM 399 2 CREDITS
 Prereq: TSM 397 IN THE PRECEDING SEMESTER,
 APPROVAL OF INTERNSHIP COORDINATOR
 Note: NO MORE THAN 4 CREDITS OF TSM 399 MAY BE APPLIED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.
 COURSE RESTRICTED TO TSM MAJORS & PERMISSION OF
 INSTRUCTOR REQUIRED PRIOR TO COMMENCING WORK
 EXPERIENCE.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

APP PROJ MGT TECHNL TSM 415 2 CREDITS
 Prereq: SENIOR CLASSIFICATION WITH LESS THAN
 32 CREDITS REMAINING; TSM 214; CREDIT OR ENROLLMENT
 FOR CREDIT IN TSM 310
 Note: COURSE RESTRICTED THE AST, I TEC SENIORS ONLY
 6830005 A F 9:00-10:50
 MEETS: JAN 8-MAY 4

TECHNOLOGY CAPSTONE TSM 416 3 CREDITS
 Prereq: TSM 415
 Note: COURSE RESTRICTED TO AST, I TEC SENIORS ONLY
 7031005 A F 10:00-11:50
 ARRANGED
 MEETS: JAN 8-MAY 4

CELLULR LEAN MFG SY TSM 440 3 CREDITS
 Prereq: TSM 310
 Note: COURSE RESTRICTED TO I TEC MAJORS ONLY.
 4536005 A TR 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 8-MAY 4
 4536010 B TR 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 6985010 B MW 1:10-2:00
 T 8:00-9:50
 MEETS: JAN 8-MAY 4

FACILITY PLANNING TSM 444 3 CREDITS
 Prereq: TSM 216; TSM 240; STAT 101 OR STAT 104
 4527005 TR 2:10-3:25
 MEETS: JAN 8-MAY 4

AUTOMATION SYSTEMS TSM 465 3 CREDITS
 Prereq: TSM 363
 Note: COURSE RESTRICTED TO AST & I TEC MAJORS ONLY
 2-PART COURSE. ALL STUDENTS MUST REGISTER FOR BOTH
 A NUMBERED SEC (LEC) AND LETTERED SEC (LAB).
 7973005 1 MW 12:10-1:00
 MEETS: JAN 8-MAY 4
 7973010 2 MW 2:10-3:00
 MEETS: JAN 8-MAY 4
 7973015 3 MW 3:10-4:00
 MEETS: JAN 8-MAY 4
 Note: Materials and professional support fee \$40.00
 7973050 A T 1:10-3:00
 MEETS: JAN 8-MAY 4
 Note: Materials and professional support fee \$40.00
 7973055 B T 3:10-5:00
 MEETS: JAN 8-MAY 4
 Note: Materials and professional support fee \$40.00
 7973060 C W 9:00-10:50
 MEETS: JAN 8-MAY 4
 Note: Materials and professional support fee \$40.00
 7973065 D W 3:10-5:00
 MEETS: JAN 8-MAY 4
 Note: Materials and professional support fee \$40.00
 7973070 E R 11:00-12:50
 MEETS: JAN 8-MAY 4
 Note: Materials and professional support fee \$40.00
 7973075 F R 1:10-2:00
 MEETS: JAN 8-MAY 4
 Note: Materials and professional support fee \$40.00
 7973080 G R 3:10-5:00
 MEETS: JAN 8-MAY 4
 Note: Materials and professional support fee \$40.00

SAFETY LABORATORY TSM 471 1 CREDIT
 Prereq: CREDIT OR ENROLLMNT FOR CREDIT IN TSM 470
 5640005 A W 10:00-11:50
 MEETS: JAN 8-MAY 4

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 AG&BIOSYS MGT TSM 493A 1- 4 CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018
 1335005 A TR 9:30-10:50
 ARRANGED
 MEETS: JAN 8-MAY 4

WKSHP OCCUPA SAFETY TSM 493D 1- 4 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SAFTY&PBLC HLTH ISS TSM 575 2 CREDITS
 4695005 A M 10:00-11:50
 MEETS: JAN 8-MAY 4

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

WORKSHOP IN TECHNOL TSM 593 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: OFFERED FOR 3 CREDIT SPRING 2018
 4581005 A TR 9:30-10:50
 ARRANGED
 MEETS: JAN 8-MAY 4

MASTER'S TECH COMM TSM 598 1 CREDIT
 Satisfactory-Fail Only.
 1911005 ARRANGED
 MEETS: JAN 8-MAY 4

CREATIVE COMPONENT TSM 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHING PRACTICUM TSM 694 1- 3 CREDITS
 1919005 ARRANGED
 MEETS: JAN 8-MAY 4

TECHNOLGY INTERNSHP TSM 697 R CREDIT
 Prereq: PERMISSION OF MAJOR PROFESSOR AND
 APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION
 Satisfactory-Fail Only.
 4646005 ARRANGED
 MEETS: JAN 8-MAY 4

DOCTORAL TECH COMM TSM 698 1 CREDIT
 Satisfactory-Fail Only.
 1926005 ARRANGED
 MEETS: JAN 8-MAY 4

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

RESEARCH TSM 699 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE

INTR PERFORMNG ARTS THTRE 106 3 CREDITS
 6729005 A MWF 2:10-3:00
 MEETS: JAN 8-MAY 4
 6729010 B MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

THEATRE AND SOCIETY THTRE 110 3 CREDITS
 1103005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY
 6731010 2 ARRANGED BAKER J
 MEETS: JAN 8-MAY 4
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
 6731015 3 ARRANGED BAKER J
 MEETS: JAN 8-MAY 4
 Note: SEC 3 OFFERED FOR 2 CREDITS ONLY

THEATRE PRACTICUM THTRE 250 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 6732005 M 5:10-6:00PM
 ARRANGED
 MEETS: JAN 8-MAY 4

ACTING I THTRE 251 3 CREDITS
 6733005 A MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC A FOR MAJORS OTHER THAN EL ED
 6733010 B TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 Note: SEC B FOR MAJORS OTHER THAN EL ED
 6733015 C MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC C FOR MAJORS OTHER THAN EL ED
 6733020 D MWF 11:00-11:50
 MEETS: JAN 8-MAY 4
 Note: SEC D FOR MAJORS OTHER THAN EL ED
 6733025 E TR 11:00-12:20
 MEETS: JAN 8-MAY 4
 Note: SEC E RESTRICTED TO EL ED MAJORS ONLY
 6733030 F MWF 10:00-10:50
 MEETS: JAN 8-MAY 4
 Note: SEC F RESTRICTED TO EL ED MAJORS ONLY
 6733035 G MWF 9:00-9:50
 MEETS: JAN 8-MAY 4
 Note: SEC G RESTRICTED TO EL ED MAJORS ONLY

INTR THEATRICAL PROD THTRE 255 4 CREDITS
 6734005 A MWF 1:10-2:00
 M 2:10-5:00
 MEETS: JAN 8-MAY 4
 6734010 B MWF 1:10-2:00
 W 2:10-5:00
 MEETS: JAN 8-MAY 4
 6734015 C MWF 1:10-2:00
 R 2:10-5:00
 MEETS: JAN 8-MAY 4
 6734020 D MWF 1:10-2:00
 F 2:10-5:00
 MEETS: JAN 8-MAY 4

SCRIPT ANALYSIS THTRE 263 3 CREDITS
 6763005 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

SPECIAL PROJECTS THTRE 290 1- 3 CREDITS
 Prereq: 3 CREDITS IN THEATRE; PERMISSION OF
 INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ACTING II THTRE 351 3 CREDITS
 Prereq: THTRE 251, DANCE 120 RECOMMENDED
 6737005 1 MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 6737010 2 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

MUSICAL THEATRE II THTRE 355 3 CREDITS
 Prereq: THTRE 354
 3132005 TR 2:10-3:30, ARRANGED
 MEETS: JAN 8-MAY 4

THEATRE (CONTINUED)

STAGECRAFT THTRE 360 4 CREDITS
 Prereq: THTRE 255
 6742005 TR 9:30-10:50
 ARRANGED
 MEETS: JAN 8-MAY 4

WKSP: COSTUME DESIGN THTRE 393A 3 CREDITS
 Prereq: THTRE 365
 3626005 TR 11:00-12:20
 MEETS: JAN 8-MAY 4

WRKSP: SCENIC DESIGN THTRE 393B 3 CREDITS
 Prereq: THTRE 365
 3627005 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

DIRECTING II THTRE 456 3 CREDITS
 Prereq: THTRE 455
 1116005 MW 2:10-3:30
 MEETS: JAN 8-MAY 4

HIST OF THEATRE II THTRE 466 3 CREDITS
 Prereq: THTRE 465
 6749005 TR 12:40-2:00
 MEETS: JAN 8-MAY 4

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

FOODBORNE HAZARDS TOX 419 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302, A COURSE IN
 BIOCHEMISTRY
 Note: CREDIT FOR EITHER FS HN/TOX/MICRO 419 OR
 FS HN/TOX/NUTRS 519, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION.
 8578005 1 MWF 11:00-11:50 MENDONCA A
 MEETS: JAN 8-MAY 4

TOXICOLOGY METHODS TOX 502 3 CREDITS
 Prereq: TOX 501
 6768005 TR 1:10-4:00
 MEETS: JAN 8-MAY 4
 Note: Materials fee \$350.00

TOXICOLOGY SEMINAR TOX 504 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 7126005 T 4:10-5:00
 MEETS: JAN 8-MAY 4

VETERINARY TOXICOLOGY TOX 526 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9010005 MTR 11:00-11:50

CLIN & DIAGNOS TOXIC TOX 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526
 1231005 ARRANGED
 MEETS: JAN 8-MAY 4

PESTICIDES IN ENVIR TOX 550 2 CREDITS
 Prereq: 9 CREDITS OF BIOLOGICAL SCIENCES
 9666005 A MW 9:00-9:50 COATS J
 MEETS: JAN 8-MAY 4

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 1:10-2:00 DAY T
 T 11:00-11:50 DAY T
 MEETS: JAN 8-MAY 4
 4499020 4 MR 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 8-MAY 4

TOXICOLOGY

(CONTINUED)

UNIVERSITY STUDIES

(CONTINUED)

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 8-MAY 4

GRAD RESEARCH ROTAT TOX 697 1-12 CREDITS
 Prereq: ADMISSION TO TOX GRADUATE PROGRAM
 8363005 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4

CREATIVE COMPONENT TRANS 599 1- 3 CREDITS
 Prereq: PRE-ENROLLMENT CONTRACT REQUIRED
 4160005 1 ARRANGED
 MEETS: JAN 8-MAY 4

SEMINR TRANSPT PLAN TRANS 691 1 CREDIT
 6786005 ARRANGED
 MEETS: JAN 8-MAY 4

RESEARCH TRANS 699 VAR. CREDITS
 6787005 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 2890010 2 TR 9:30-10:50
 MEETS: JAN 8-MAY 4

LATIN AM GOVT & POL US LS 343 3 CREDITS
 Note: Meets international perspectives reqmt
 5252005 1A MWF 1:10-2:00
 MEETS: JAN 8-MAY 4
 5252010 1B MWF 1:10-2:00
 MEETS: JAN 8-MAY 4

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 SEM II:MVP U ST 102A 1 CREDIT
 Prereq: U ST 101 OR INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 5727005 1 M 10:00-10:50 CRUZ T
 MEETS: JAN 8-MAY 4
 5727010 2 T 11:00-11:50 CRUZ T
 MEETS: JAN 8-MAY 4
 5727015 3 W 10:00-10:50 CRUZ T
 MEETS: JAN 8-MAY 4
 5727020 4 R 10:00-10:50 CRUZ T
 MEETS: JAN 8-MAY 4

FIRST-YR SEM II:SCI U ST 102B 1 CREDIT
 Prereq: U ST 101 OR INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 5728005 1 W 12:10-1:00 HARGRAVE C
 MEETS: JAN 8-MAY 4
 5728010 2 W 1:10-2:00 HARGRAVE C
 MEETS: JAN 8-MAY 4

PERSONAL CAREER DEV U ST 104 2 CREDITS
 6243005 1 MW 11:00-11:50 OLSON N
 MEETS: JAN 8-MAY 4
 6243010 2 MW 2:10-3:00 OLSON N
 MEETS: JAN 8-MAY 4
 6243015 3 MW 2:10-3:00 OLSON N
 MEETS: JAN 8-MAY 4
 6243020 4 TR 1:10-2:00 OLSON N
 MEETS: JAN 8-MAY 4

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 CAMARILLO N
 MEETS: JAN 8-MAY 4
 4173010 2 T 10:00-10:50 CAMARILLO N
 MEETS: JAN 8-MAY 4
 4173015 3 R 10:00-10:50 CAMARILLO N
 MEETS: JAN 8-MAY 4
 4173020 4 W 10:00-10:50 CAMARILLO N
 MEETS: JAN 8-MAY 4

INT'L FIRST YR SMNR U ST 110 1 CREDIT
 Satisfactory-Fail Only.
 8806005 A M 4:10-5:00 REASONER M
 MEETS: JAN 8-MAY 4
 8806010 B T 4:10-5:00 REASONER M
 MEETS: JAN 8-MAY 4
 8806030 1 W 8:00-8:50 REASONER M
 MEETS: JAN 8-MAY 4
 8806035 2 W 9:00-9:50 REASONER M
 MEETS: JAN 8-MAY 4
 8806040 3 W 3:10-4:00 REASONER M
 MEETS: JAN 8-MAY 4
 8806045 4 W 4:10-5:00 REASONER M
 MEETS: JAN 8-MAY 4
 8806050 5 W 5:10-6:00PM REASONER M
 MEETS: JAN 8-MAY 4
 8806055 6 R 8:00-8:50 REASONER M
 MEETS: JAN 8-MAY 4
 8806060 7 R 9:00-9:50 REASONER M
 MEETS: JAN 8-MAY 4
 8806065 8 R 3:10-4:00 REASONER M
 MEETS: JAN 8-MAY 4
 8806070 9 R 4:10-5:00 REASONER M
 MEETS: JAN 8-MAY 4
 8806075 10 R 5:10-6:00PM REASONER M
 MEETS: JAN 8-MAY 4
 8806080 11 W 8:00-8:50 REASONER M
 MEETS: JAN 8-MAY 4
 8806085 12 W 9:00-9:50 REASONER M
 MEETS: JAN 8-MAY 4
 8806090 13 W 3:10-4:00 REASONER M
 MEETS: JAN 8-MAY 4
 8806095 14 W 4:10-5:00 REASONER M
 MEETS: JAN 8-MAY 4
 8806100 15 W 8:00-8:50 REASONER M
 MEETS: JAN 8-MAY 4
 8806105 16 R 8:00-8:50 REASONER M
 MEETS: JAN 8-MAY 4
 8806110 17 R 9:00-9:50 REASONER M
 MEETS: JAN 8-MAY 4
 8806115 18 R 3:10-4:00 REASONER M
 MEETS: JAN 8-MAY 4
 8806120 19 R 4:10-5:00 REASONER M
 MEETS: JAN 8-MAY 4
 8806125 20 R 5:10-6:00PM REASONER M
 MEETS: JAN 8-MAY 4
 8806130 21 W 5:10-6:00PM REASONER M
 MEETS: JAN 8-MAY 4

SCI PRE-PRO SEMINAR U ST 207 .5- 1 CREDITS
 Prereq: U ST 102B
 Satisfactory-Fail Only.
 9747005 1 W 3:10-4:00
 MEETS: JAN 8-MAY 4
 9747010 2 W 4:10-5:00
 MEETS: JAN 8-MAY 4

MCN:INTRO TO RES II U ST 302 2 CREDITS
 Prereq: U ST 301
 6494005 1 M 6:10-8:00PM GARRIN A
 MEETS: JAN 8-MAY 4

CALM LIFE SKILL SEM U ST 303X 1 CREDIT
 Note: COURSE RESTRICTED TO JR & SR ONLY
 Satisfactory-Fail Only.
 9395005 1 W 11:00-11:50
 MEETS: JAN 8-MAY 4

LEADERS SMNR I:HIXS U ST 311A 1 CREDIT
 Prereq: 101
 Satisfactory-Fail Only.
 7281005 1 M 4:10-5:00 SEVERSON A
 MEETS: JAN 8-MAY 4
 Note: SEC 1 FOR HIXSON SCHOLARS ONLY.

LEADERS SMNR I: MVP U ST 311B 1 CREDIT
 Prereq: 101
 Satisfactory-Fail Only.
 8404005 1 W 4:10-5:00 CRUZ T
 MEETS: JAN 8-MAY 4

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 NICHOLSON N
 MEETS: JAN 8-MAY 4

PEER EDUC LEADERSHP U ST 316X 2 CREDITS
 Satisfactory-Fail Only.
 9861005 1 TR 8:00-9:20 VANDERHEYDEN B
 MEETS: JAN 8-MAY 4

MCNAIR SR SEMNAR II U ST 402 1 CREDIT
 Prereq: 401
 Satisfactory-Fail Only.
 6495005 1 T 6:10-8:00PM GARRIN A
 MEETS: JAN 8-MAY 4

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 LOCAL STDO URB D 501 6 CREDITS
 Prereq: GRADUATE STANDING, OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 3829005 TR 8:00-1:00
 MEETS: JAN 8-MAY 4
 Note: Materials, field trips &/or travel fee
 \$50.00-\$550.00

CNTPRY UR D PRACTCS URB D 522 3 CREDITS
 Prereq: GRADUATE STANDING, OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 4048005 W 9:00-11:50 ADAMS R
 MEETS: JAN 8-MAY 4

VET DIAGNOSTIC & PRODUCTION AN MED

SPANISH FOR VETNRN VDPAM 308 2 CREDITS
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE,
 BASIC KNOWLEDGE OF SPANISH
 9308005 Note: COURSE RESTRICTED TO V M AND VM NE MAJORS ONLY
 W 3:10-4:00, ARRANGED
 MEETS: JAN 8-MAY 4

INTR PROD INFRMTICS VDPAM 309 1 CREDIT
 8724005 M 12:10-1:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

BOVIN EMBRYO TRNSFR VDPAM 351 2 CREDITS
 Prereq: 2ND OR 3RD YEAR CLASSIFICATION IN V MED
 9310005 ARRANGED
 MEETS: JAN 8-MAY 4

ADV DAIRY INFORMTCS VDPAM 402A 2 CREDITS
 Prereq: VDPAM 309 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 2547005 ARRANGED

ADV DY INF EXPRNC I VDPAM 402B 2 CREDITS
 Prereq: VDPAM 402A
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 4987005 ARRANGED

ADV DY INF EXPRC II VDPAM 402C 2 CREDITS
 Prereq: VDPAM 402A, VDPAM 402B
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 5133005 ARRANGED

ADV DY INFM EXP III VDPAM 402D 2 CREDITS
 Prereq: VDPAM 402A, VDPAM 402B, VDPAM 402C
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 5162005 ARRANGED

CLINCL DECISN MAKNG VDPAM 407 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5440005 ARRANGED
 MEETS: JAN 8-MAY 4

POULTRY DISEASES VDPAM 408 2 CREDITS
 Prereq: 2ND OR 3RD YEAR CLASSIFICATION IN
 VETERINARY MEDICINE OR PERMISSION OF INSTRUCTOR
 5607005 ARRANGED
 MEETS: JAN 8-MAY 4

VET PRAC ENTREPRENR VDPAM 414 2- 3 CREDITS
 7216005 TR 12:10-1:00
 MEETS: JAN 8-MAY 4

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

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 8-MARCH 2
 5110010 B F 1:10-5:00
 MEETS: JAN 8-MARCH 2
 5110015 C M 1:10-5:00
 MEETS: MARCH 5-MAY 4
 5110020 D F 1:10-5:00
 MEETS: MARCH 5-MAY 4

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

PRECP PROD AN:GOVT VDPAM 420C 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 5210005 ARRANGED

PRECP PRD AN MD:POU VDPAM 420P 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED.
 RECOMMENDED: VDPAM 408 OR VDPAM 498.
 Note: NO MORE THAN 6 CREDITS IN VDPAM 420P MAY BE
 APPLIED TOWARD GRADUATION
 9110001 ARRANGED

GPVEC: CALVING VDPAM 421A 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4419005 ARRANGED

GPVEC: BULL BREEDNG VDPAM 421B 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4417005 ARRANGED

GPVEC: FEEDLOT MGT VDPAM 421D 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4423005 ARRANGED

GPVEC: LAMBING VDPAM 421J 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4476005 ARRANGED

GPVEC: EQUI DENTIST VDPAM 421K 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4520005 ARRANGED

GPVEC:SWINE HUSBDRY VDPAM 421Q 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 9792005 ARRANGED
 MEETS: JAN 8-MAY 4

BEEF CATTLE CALVING VDPAM 422 2 CREDITS
 Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATN IN V MED
 4594005 ARRANGED

VET TOXICOLOGY VDPAM 426 3 CREDITS
 Prereq: 3RD YEAR CLASSIFICATION IN V MED
 6860005 MTR 11:00-11:50
 MEETS: JAN 8-MAY 4

PRIN OF EPIDEMIOLOGY VDPAM 428 3 CREDITS
 5490005 ARRANGED
 MEETS: JAN 8-MAY 4

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 8-MAY 4
 5223010 2 ARRANGED
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

PROD ANM CLINCL MED VDPAM 445 3 CREDITS
 Prereq: 3RD-YEAR CLASSIFICATION IN VET MED
 6865005 MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

CLIN EMBRYO TRANSFR VDPAM 451 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4334005 MTWRF 8:00-5:00

DIAGNOS LAB PRACTCM VDPAM 455 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6827005 MTWRF 8:00-11:50

THERIOGENOL:FD ANIM VDPAM 471 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN V MED
 6694005 MTWRF 8:00-5:00

FOOD AN&CAM FLD SRV VDPAM 476 1- 2 CREDITS
 Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE
 8725005 MTWRF 8:00-5:00

FD ANM&CAM MED&SURG VDPAM 477 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2018
 Permission of instructor required. Process approved add slip in 2270A Vet Med.
 6909005 MTWRF 8:00-5:00

SWI PROD MGT&CONSULT VDPAM 478A 2 CREDITS
 Prereq: VDPAM 310
 9877005 MTWRF 8:00-5:00
 MEETS: JAN 8-MAY 4

SWINE PHARMAC&TREAT VDPAM 478B 2 CREDITS
 Prereq: VDPAM 310
 9876005 MTWRF 8:00-5:00
 MEETS: JAN 8-MAY 4

SWI EMRGNG DIS DIAG VDPAM 478C 2 CREDITS
 Prereq: VDPAM 310
 9880005 MTWRF 8:00-5:00
 MEETS: JAN 8-MAY 4

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 CLASSIFICATION IN V MED OR PERMISSION OF INSTRUCTOR
 5572005 MTWRF 8:00-5:00

ADV COW/CF PROD MED VDPAM 481 2 CREDITS
 Prereq: COMPLETION OF TWO SEMESTERS OF VDPAM 436 OR UNL EQUIVALENT (V MED 596 CATTLE PRODUCTION), FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE
 9150005 MTWRF 8:00-5:00

BF PROD MED PRECPTR VDPAM 482 1- 6 CREDITS
 Prereq: VDPAM 310; 4TH YEAR CLASSIFICATION IN V MED
 4331005 ARRANGED
 MEETS: JAN 8-MAY 4

APP DAIRY PRODU MED VDPAM 485 1- 6 CREDITS
 Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATION IN V MED
 5431005 ARRANGED
 MEETS: JAN 8-MAY 4

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

CLINIC MICROBIO LAB VDPAM 488 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN V MED
 6950005 MTWRF 1:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MARCH 2

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 CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED SOPH AND ABOVE.
 Satisfactory-Fail Only.
 7848005 ARRANGED
 MEETS: JAN 8-MAY 4

CLINCL DECISN MAKNG VDPAM 507 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5439005 ARRANGED

POULTRY DISEASES VDPAM 508 2 CREDITS
 Prereq: ENROLLMENT IN COLLEGE OF VET MED
 5634005 ARRANGED

VET PRAC ENTREPRENR VDPAM 514 2- 3 CREDITS
 Prereq: GRADUATE VETERINARIAN OR DVM-DUAL GRADUATE DEGREE CANDIDATE
 8890005 TR 12:10-1:00
 ARRANGED

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

PRIN OF EPIDEMIOLOGY VDPAM 528 3 CREDITS
 6895008 ARRANGED
 MEETS: JAN 8-MAY 4

INTR PROTEIN TECHNQ VDPAM 542B 1 CREDIT
 Satisfactory-Fail Only.
 6861005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: JAN 8-MAY 4

INTRO CELL TECHNIQS VDPAM 542C 1 CREDIT
 Satisfactory-Fail Only.
 7400005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 8-MAY 4

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526
 7676005 ARRANGED
 MEETS: JAN 8-MAY 4

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 (VMD 596 CATTLE PRODUCTION), 4TH YEAR CLASSIFICATION IN VETERINARY MEDICINE, GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 9312005 MTWRF 8:00-5:00

SPECIAL TOPICS VDPAM 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP VDPAM 596 1-12 CREDITS
 Prereq: ADMISSION TO GRADUATE COLLEGE
 Satisfactory-Fail Only.
 7868005 ARRANGED
 MEETS: JAN 8-MAY 4

CREATIVE COMPONENT VDPAM 599 VAR. CREDITS
 Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

SWINE DIAGNOSTC MED VDPAM 650 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6907005 ARRANGED
 MEETS: JAN 8-MAY 4

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

VETERINARY CLINICAL SCIENCES

VET IN SOCIETY V V C S 315 1 CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
 7785005 1 RF 8:00-5:00
 MEETS: JAN 8-MAY 4

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY CLINICAL SCIENCES (CONTINUED)

GRAND ROUNDS V C S 385 R CREDIT
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE
 Satisfactory-Fail Only.
 7446005 F 8:00-8:50

SURGERY PRINCIP LAB V C S 394 1 CREDIT
 Prereq: 2ND YR CLASSIFICATION IN VET MED
 3831005 1 W 1:10-3:00
 3831010 2 W 3:10-5:00

SMALL ANIML SURGERY V C S 395 2 CREDITS
 Prereq: 394
 3873005 TR 8:00-8:50

EQUINE SURGERY V C S 396 2 CREDITS
 Prereq: 394
 3899005 T 8:00-9:50

ANESTHESIOLOGY V C S 398 2 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 3472005 M 9:00-9:50
 MEETS: JAN 8-MAY 4

OPHTHALMOLOGY V C S 399 1 CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
 3476005 F 11:00-11:50

EMERGNCY CARE TOPCS V C S 404X 2 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 9106005 ARRANGED
 MEETS: JAN 8-MAY 4

PET BIRD&EXOTC SPEC V C S 405 2 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MEDICINE
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED JR
 6874005 R 2:10-5:00
 MEETS: JAN 8-MAY 4

ONCOLOGY V C S 409 2- 4 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2018
 9213005 MTWRF 8:00-5:00

COMPANION AN NUTRI V C S 414 1 CREDIT
 Prereq: THIRD OR FOURTH-YR CLASSIFICATN IN V MED
 7777005 ARRANGED
 MEETS: JAN 8-MARCH 2

PRECEPTOR COMPAN, EQ V C S 419 2- 6 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
 PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE
 1664005 ARRANGED
 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
 MEETS: JAN 8-MAY 4

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

SM ANIML SHELTR MED V C S 437 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 7944005 MTWRF 8:00-5:00
 MEETS: JAN 8-MAY 4

INTRO TO CLINICS V C S 440 R CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 Note: MUST BE CONCURRENTLY ENROLLED IN SAME SECTION
 LETTER OF V C S 447, 449
 Instructor permission required 1st week.
 6880005 ARRANGED

CANINE REHABILITATN V C S 441 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2018
 9232005 MTWRF 8:00-5:00

EQUINE LAMENESS V C S 443 2 CREDITS
 Prereq: 2ND OR 3RD YR CLASSIFICATION IN VET MED
 6882005 R 1:10-5:00, ARRANGED
 MEETS: JAN 8-MARCH 2

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
 T 1:10-3:00
 6886010 2 TR 10:00-10:50
 T 3:10-5:00

ADV SURG NEU H SOCI V C S 451A 2 CREDITS
 Prereq: 449
 5369005 1 W 11:00-11:50
 M 1:10-5:00
 MEETS: MARCH 5-MAY 4

ADV TRADIT SURG LAB V C S 451B 2 CREDITS
 Prereq: 449
 7005005 1 W 11:00-11:50
 M 1:10-5:00
 MEETS: JAN 8-MARCH 2

7005010 2 W 11:00-11:50
 M 1:10-5:00
 MEETS: JAN 8-MARCH 2

7005015 3 W 11:00-11:50
 F 1:10-5:00
 MEETS: MARCH 5-MAY 4

7005020 4 W 11:00-11:50
 F 1:10-5:00
 MEETS: MARCH 5-MAY 4

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

SMALL ANIMAL MED I V C S 453 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6889005 MTWRF 8:00-5:00

SM AN SOFT TISS SUR V C S 455 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6891005 MTWRF 8:00-5:00

SM AN ORTHOPED SURG V C S 456 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6892005 MTWRF 8:00-5:00

EQUINE MEDICINE V C S 457 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6893005 MTWRF 8:00-11:50
 MTWRF 2:10-5:00

EQUINE SURGERY V C S 458 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6894005 MTWRF 8:00-11:50
 MTWRF 2:10-5:00

SM AN OVERPOP OMAHA V C S 459A 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4050005 MTWRF 8:00-5:00
 Note: OMAHA

SM AN OVERPOP D.M. V C S 459B 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4107005 MTWRF 8:00-5:00
 Note: DES MOINES

SM AN OVERPOP K.C. V C S 459C 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4313005 ARRANGED
 Note: KANSAS CITY

RADIOLOGY V C S 460 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6896005 MTWRF 8:00-5:00

PRIMARY CARE V C S 463 2 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN VET MED
 2322005 MTWRF 8:00-5:00

EQUINE FIELD SERVIC V C S 464 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4247005 MTWRF 8:00-5:00

FARRIER V C S 465 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 7756005 MTWRF 8:00-5:00

VET ANESTHESIOLOGY V C S 466 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6898005 MTWRF 8:00-5:00

INTENSIVE CARE V C S 468 4 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6900005 ARRANGED

OPHTHALMOLOGY V C S 469 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6901005 MTWRF 8:00-5:00

RADIOLOGY V C S 470 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED;
 COMPLETION OF V C S 460 RADIOLOGY IS REQUIRED;
 ENROLLMENT BY PERMISSION OF INSTRUCTOR
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY CLINICAL SCIENCES (CONTINUED)

EQUINE REPRODUCTION V C S 471A 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN 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

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 2018
 Department permission required.
 9128005 MTWRF 8:00-5:00
 MEETS: JAN 8-MAY 4

EQUINE ANESTHESIOLOGY V C S 476E 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SM ANIML ANESTHESIO V C S 476S 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSV&CRITCL CARE V C S 478 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 9816005 MTWRF 8:00-5:00
 MEETS: JAN 8-MAY 4

VETERINRY DENTISTRY V C S 480 1 CREDIT
 Prereq: THIRD OR FOURTH-YR CLASSIFICATN IN V MED
 2247005 ARRANGED
 MEETS: JAN 8-MAY 4
 Note: Course delivery is WWW
 Materials and professional support fee \$40.00

ADV EQUINE DENTISTR V C S 481 2 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN V MED
 8330005 MTWRFS 8:00-5:00
 MEETS: JAN 8-MAY 4

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

GRAND RND S PRESENTN V C S 495 R CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Satisfactory-Fail Only.
 6914005 F 8:00-8:50

INT'L PRECEPTORSHIP V C S 496 1-12 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 Satisfactory-Fail Only.
 6094005 ARRANGED

SPL TOPICS MEDICINE V C S 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS SURGERY V C S 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC RADIOLOGY V C S 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOLOG V C S 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OPHTHALMGLY V C S 590F 1- 3 CREDITS
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V C S 599 VAR. CREDITS
 Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR V C S 604 1 CREDIT
 6921005 ARRANGED

ADV SPECIAL SURGERY V C S 672 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6926005 ARRANGED

ADVANCED MEDICINE V C S 677 2 CREDITS
 Prereq: V C S 445
 6928005 ARRANGED
 MEETS: JAN 8-MAY 4

RESEARCH MEDICINE V C S 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SURGERY V C S 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH ANESTHESIOLOGY V C S 699E VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSEARCH OPHTHALMGLY V C S 699F VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: CARDIOLOGY V C S 699G VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MICROBIOLOGY & PREV MED

CASE STUDY IV V MPM 378 2 CREDITS
 Prereq: 2ND-YEAR CLASSIFICATION IN VET MED
 6744005 MR 2:10-3:00
 MEETS: JAN 8-MAY 4

VETERINRY IMMUNOLGY V MPM 380 2 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN V MED
 6941010 W 11:00-11:50
 F 8:00-10:00
 MEETS: JAN 8-MARCH 2

VETERINARY VIROLOGY V MPM 387 3 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED
 6943010 1 TWR 9:00-9:50
 MEETS: JAN 8-MAY 4

PUBLIC HEALTH&VT PRO V MPM 388 3 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED
 6944005 1 MWF 11:00-11:50
 MEETS: JAN 8-MAY 4

TOPICS VET HISTORY V MPM 390 1 CREDIT
 7244005 1 ARRANGED
 MEETS: JAN 8-MARCH 2

INFEC DIS&PREVN MED V MPM 437 3 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 6949005 1 MWF 10:00-10:50
 MEETS: JAN 8-MAY 4

PUBLIC HEALTH LAB V MPM 486 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6951005 MTWRF 2:10-5:00

INDEPENDENT STUDY V MPM 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ZOO PRECEPTORSHIP V MPM 494 1- 8 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN V MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRIN OF EPIDEMIOLOGY V MPM 528 3 CREDITS
 5368008 ARRANGED
 MEETS: JAN 8-MAY 4

LIVESTK IMMUNOGENET V MPM 540 2 CREDITS
 Prereq: AN S 561 OR MICRO 575 OR V MPM 520
 6745005 1 ARRANGED
 MEETS: JAN 8-MAY 4

INTRO CELL TECHNIQS V MPM 542C 1 CREDIT
 Satisfactory-Fail Only.
 9669005 TR 1:10-2:00 NOTT J
 TR 2:10-4:00 NOTT J
 MEETS: JAN 8-MAY 4

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 8-MAY 4

ANIMAL VIROLOGY V MPM 587 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7951005 ARRANGED
 MEETS: JAN 8-MAY 4

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

ADV TOPC CELL IMMUNOL V MPM 629 2 CREDITS
 Prereq: 520, 575
 6965005 ARRANGED
 MEETS: JAN 8-MAY 4

CURR TOPICS IMMUNOL V MPM 690A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURR TOP INFECT DIS V MPM 690B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM N MOLEC,C,DV BIO V MPM 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2018.
 7082005 M 3:10-5:00
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

INTRO PARASITOLOGY V PTH 353 3 CREDITS
 Prereq: BIOL 212
 9209005 TR 9:30-10:50 JONES D
 MEETS: JAN 8-MAY 4

INTRO PATHOLOGY II V PTH 403X 3 CREDITS
 Prereq: V PTH/BIOL 402
 9762005 TR 4:10-5:30 HAYNES J
 MEETS: JAN 8-MAY 4

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 8-MAY 4

8991010 2 T 3:10-5:00 VIAL A
 MEETS: JAN 8-MAY 4

CLINICAL PATHOLOGY V PTH 425 4 CREDITS
 Prereq: 372
 7004005 MF 10:00-10:50 HOSTETTER S
 TW 10:00-10:50 HOSTETTER S
 R 11:00-11:50 HOSTETTER S
 MEETS: JAN 8-MAY 4

NECROPSY LAB PRACTM V PTH 456 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
 7007005 MTWRF 1:10-5:00 FALES-WILLIAMS A
 S 10:00-11:50 FALES-WILLIAMS A

CLIN PATH LAB PRACT V PTH 457 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO VET MED SENIORS
 7008005 MTWRF 8:00-11:50 FLAHERTY H

VETERINARY PATHOLOGY (CONTINUED)

INDEPENDENT STUDY V PTH 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CLIN COMPTNC SKILLS V PTH 495 R CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Satisfactory-Fail Only.
 4058005 ARRANGED DANIELSON J
 MEETS: JAN 8-MAY 4

PRINCIPLES PATHOLOGY V PTH 503 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION; PERMISSION
 OF INSTRUCTOR
 8632005 MTR 11:00-11:50 SMITH J
 MEETS: JAN 8-MAY 4

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 8-MAY 4

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 8-MAY 4

DIAGN PARASITOL LAB V PTH 548 1- 3 CREDITS
 Prereq: 376 OR 576
 9668005 ARRANGED BREWER M
 MEETS: JAN 8-MAY 4

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT
 Prereq: 457, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 7037005 ARRANGED FLAHERTY H
 MEETS: JAN 8-MAY 4
 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 8-MAY 4

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 8-MAY 4

ETHICS IN SCI RSRCH V PTH 554 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 5755005 F 9:00-9:50 HOSTETTER J
 MEETS: JAN 8-MAY 4

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 YAEGER M
 MEETS: JAN 8-MAY 4

VETERINARY PATHOLOGY (CONTINUED)

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	
7029005	Note: Instructor permission required. ARRANGED MEETS: JAN 8-MAY 4	HOSTETTER J
DIAG INTERP V PARAS	V PTH 606B	R CREDIT
	Prereq: PERMISSION OF INSTRUCTOR	
7030005	Note: Instructor permission required. ARRANGED MEETS: JAN 8-MAY 4	BREWER M
DIAG INTERP VET TOX	V PTH 606C	R CREDIT
	Prereq: PERMISSION OF INSTRUCTOR	
5787005	Note: Instructor permission required. ARRANGED MEETS: JAN 8-MAY 4	
DIAG INTERP CLINPTH	V PTH 606D	R CREDIT
	Prereq: PERMISSION OF INSTRUCTOR	
9694005	Note: Instructor permission required. ARRANGED MEETS: JAN 8-MAY 4	HOSTETTER S
VET PATHOLOGY RSRCH	V PTH 699A VAR.	CREDITS
*****	SEE DEPT FOR REFERENCE NUMBERS	
VET PARASITOLGY RES	V PTH 699B VAR.	CREDITS
*****	SEE DEPT FOR REFERENCE NUMBERS	
VET CLIN PATH RSRCH	V PTH 699D VAR.	CREDITS
*****	SEE DEPT FOR REFERENCE NUMBERS	

WOMEN'S STUDIES (CONTINUED)

INTRO WOMEN'S STUDI	W S 201	3 CREDITS
	Course delivery is WWW	
7058625	XV ARRANGED MEETS: MARCH 5-MAY 4	HAROLDSON R
	Note: Section XV is off campus	
7058600	XW ARRANGED MEETS: JAN 8-MARCH 2	HAROLDSON R
	Note: Section XW is off campus	
	Course delivery is WWW	
HONORS INTR WMN STU	W S 201H	3 CREDITS
	Prereq: Meets U.S. diversity reqmt	
8447005	M 2:10-3:00 WF 2:10-3:00 MEETS: JAN 8-MAY 4	SCHAAL M
INTRO LESBIAN STUDI	W S 203	3 CREDITS
	Prereq: CREDIT IN OR EXEMPTION FROM ENGL 104	
2184005	Note: Meets U.S. diversity reqmt TR 2:10-3:30 MEETS: JAN 8-MAY 4	STOEHR A
GNDR&SXL AM POP CUL	W S 210X	3 CREDITS
	Note: Meets U.S. diversity reqmt	
9809005	TR 12:40-2:00 MEETS: JAN 8-MAY 4	GOEBEL M
WOMEN & GENDER INT'L	W S 301	3 CREDITS
	Prereq: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE	
7060600	Note: Meets international perspectives reqmt XW ARRANGED MEETS: JAN 8-MARCH 2	HOPPER-LOSENICKY
	Note: Section XW is off campus	
	Course delivery is WWW	
ECOFEMINISM	W S 320	3 CREDITS
	Prereq: W S 201 OR 3 CR IN WOMEN'S STUDIES AT THE 300 LEVEL OR ABOVE	
6268600	XW ARRANGED MEETS: JAN 8-MAY 4	WIRTH D
	Note: Section XW is off campus	
	Course delivery is WWW	
GENDER & COMMUNICTN	W S 323	3 CREDITS
	Note: Meets U.S. diversity reqmt	
3533005	A MWF 11:00-11:50 MEETS: JAN 8-MAY 4	
3533010	B TR 2:10-3:30 MEETS: JAN 8-MAY 4	
3533015	C TR 12:40-1:55 MEETS: JAN 8-MAY 4	
MEDIA PORTR GNDR&SX	W S 325	3 CREDITS
	Prereq: SOPHOMORE CLASSIFICATION	
	Note: RESTRICTED TO SOPHOMORES AND ABOVE.	
9115600	Meets U.S. diversity reqmt XW ARRANGED MEETS: MARCH 5-MAY 4	HOPPER-LOSENICKY
	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.	
7061005	Meets U.S. diversity reqmt A1 MWF 10:00-10:50 MEETS: JAN 8-MAY 4	POPILLION A
7061010	A2 MWF 10:00-10:50 MEETS: JAN 8-MAY 4	POPILLION A
WOMEN & LEADERSHIP	W S 333	3 CREDITS
	Prereq: SOPHOMORE CLASSIFICATION	
	Note: Meets U.S. diversity reqmt	
7481005	1 TR 11:00-12:20 MEETS: JAN 8-MAY 4	WINFREY K
HUMAN REPRODUCTION	W S 344	3 CREDITS
	Prereq: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, & MICRO MAJORS ONLY	
3951010	B TR 12:40-1:55 MEETS: JAN 8-MAY 4	
PSYCHOLOGY OF WOMEN	W S 346	3 CREDITS
	Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101	
7064005	Note: Meets U.S. diversity reqmt A1 TR 12:40-2:00 MEETS: JAN 8-MAY 4	SCHEEL K
7064010	Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY A2 TR 12:40-2:00 MEETS: JAN 8-MAY 4	SCHEEL K
	Note: SEC A2 FOR MAJORS OTHER THAN PSYCH	

WIND ENERGY SCIENCE, ENGINEERING AND POL

WIND ENERGY SYSTEMS	WESEP 502	3 CREDITS
	Prereq: GRADUATE STANDING	
4287005	A MWF 10:00-10:50 MEETS: JAN 8-MAY 4	
WIND ENRGY RES SMNR	WESEP 594	1 CREDIT
	Prereq: GRADUATE STANDING	
9662005	ARRANGED MEETS: JAN 8-MAY 4	

WOMEN'S STUDIES

GENDER JUSTICE	W S 160	1 CREDIT
	Note: Meets U.S. diversity reqmt	
2484005	1 M 2:10-3:00 W 2:10-3:00 MEETS: JAN 8-MARCH 2	GOEBEL M ANGTON A
2484010	2 M 2:10-3:00 W 2:10-3:00 MEETS: MARCH 5-MAY 4	GOEBEL M ANGTON A
2484015	3 M 2:10-3:00 W 3:10-4:00 MEETS: MARCH 5-MAY 4	GOEBEL M ANGTON A
2484020	4 M 2:10-3:00 W 9:00-9:50 MEETS: JAN 8-MARCH 2	GOEBEL M ANGTON A
2484025	5 M 2:10-3:00 W 9:00-9:50 MEETS: MARCH 5-MAY 4	GOEBEL M ANGTON A
INTRO WOMEN'S STUDI	W S 201	3 CREDITS
	Note: Meets U.S. diversity reqmt	
7058005	A M 2:10-3:00 WF 9:00-9:50 MEETS: JAN 8-MAY 4	SCHAAL M
7058010	B M 2:10-3:00 WF 10:00-10:50 MEETS: JAN 8-MAY 4	SCHAAL M
7058015	C M 2:10-3:00 WF 11:00-11:50 MEETS: JAN 8-MAY 4	SCHAAL M
7058020	D M 2:10-3:00 WF 12:10-1:00 MEETS: JAN 8-MAY 4	SCHAAL M
7058025	E M 2:10-3:00 WF 1:10-2:00 MEETS: JAN 8-MAY 4	SCHAAL M
7058030	F M 2:10-3:00 WF 3:10-4:00 MEETS: JAN 8-MAY 4	SCHAAL M
7058605	XR ARRANGED MEETS: MARCH 5-MAY 4	STOEHR A
	Note: Section XR is off campus	
	Course delivery is WWW	
7058610	XS ARRANGED MEETS: JAN 8-MARCH 2	HOPPER-LOSENICKY
	Note: Section XS is off campus	
	Course delivery is WWW	
7058615	XT ARRANGED MEETS: MARCH 5-MAY 4	YAN L
	Note: Section XT is off campus	
	Course delivery is WWW	
7058620	XU ARRANGED MEETS: JAN 8-MARCH 2	YAN L
	Note: Section XU is off campus	

WOMEN'S STUDIES (CONTINUED)

WORLD LANGUAGES AND CULTURES (CONTINUED)

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 DESTINE S
 MEETS: JAN 8-MAY 4

FMNST RES IN ACTION W S 402 3 CREDITS
 Prereq: 201, 301
 5674005 M 3:10-6:00PM OBERHAUSER A
 MEETS: JAN 8-MAY 4

WOMEN,MEN&ENGL LANG W S 422 3 CREDITS
 Prereq: ENGL 219
 Note: Meets U.S. diversity reqmt
 1540005 A TR 11:00-12:20
 MEETS: JAN 8-MAY 4

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 8-MAY 4

8910605 XW ARRANGED SANDERS C
 Note: TOPIC: HUMAN TRAFFICKING
 MEETS: MARCH 5-MAY 4
 Note: TOPIC: GENDER ISSUES IN SPORTS
 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 8-MAY 4

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

THINK GLOBALLY WLC 491 1 CREDIT
 Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD
 AND/OR INTERNSHIP ABROAD
 Note: TOPIC: EXPERIENCES ABROAD: LEARNING TO
 THINK GLOBALLY
 Satisfactory-Fail Only.
 7493005 1 MWF 1:10-2:00
 MEETS: JAN 8-MARCH 2

WORLD LANGUAGES AND CULTURES

INTRO WORLD LANGUAG WLC 119 3 CREDITS
 Note: Meets international perspectives reqmt
 5865005 1A MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
 5865010 1B MWF 9:00-9:50
 MEETS: JAN 8-MAY 4

STDT TCH WORLD LANG WLC 417G VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUCATION, APPROVAL
 OF COORDINATOR DURING SEMESTER BEFORE STUDENT
 TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 8139005 1A ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 Professional support, field trips &/or
 travel fee \$155.00-\$310.00

8139010 1R ARRANGED
 MEETS: JAN 8-MARCH 2
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 Professional support, field trips &/or
 travel fee \$155.00-\$310.00

8139015 2A ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 Professional support, field trips &/or
 travel fee \$155.00-\$310.00

8139020 2R ARRANGED
 MEETS: MARCH 5-MAY 4
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 Professional support, field trips &/or
 travel fee \$155.00-\$310.00