

Spring Semester 2020

Classes Begin	January 13
University Holiday	January 20
Spring Break	March 16-20
Final Exams	May 4-7
Commencement	May 9 (undergraduate)

Registration Start Dates for Spring 2020

Veterinary Medicine students:	Wednesday, October 23
Graduate students:	Wednesday, October 23-Friday October 25
All seniors:	Thursday, October 24-Wednesday, November 30
Projected juniors:	Thursday, October 31-Wednesday, November 6
Projected sophomores:	Thursday, November 7-Wednesday, November 13
Continuing freshmen:	Thursday, November 14-Thursday, November 21

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

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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 2020 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 2. To find a map of class room locations go to the ISU index under Classroom abbreviations.

Schedule Changes

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

Student Answer Center

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

University Calendar Spring 2020

Dec 31, Tues.	<ul style="list-style-type: none"> • University bills with Spring 2020 tuition and fees charges available on AccessPlus. • University holiday- offices closed 	Feb. 14, Fri.	<ul style="list-style-type: none"> • Last day to drop a first half-semester course without extenuating circumstances. • Last day to change a first half-semester course to or from Pass/Not Pass. Courses changed to graded basis after Jan. 27 count toward total allowable P/NP credits used for graduation. • Last day to file a Designation of Repeated Course form for a first half-semester course that is not an automatic designated repeat.
Jan. 10, Fri.	<ul style="list-style-type: none"> • Last day to initiate registration in person without a late registration fee in the Scheduling & Fees Office, 10 Enrollment Services Center by 5 p.m. Registration may be initiated using AccessPlus until 11 p.m. Jan. 12, without a late registration fee. • Last day to cancel registration by contacting the Office of the Registrar by 5 p.m. Registration may be cancelled via AccessPlus without tuition assessment until 11 p.m. Jan. 12. 	Feb. 18, Tues.	<ul style="list-style-type: none"> • Last day to change degree audit information for spring.
Jan. 12, Sun	<ul style="list-style-type: none"> • Last day to initiate registration for spring through AccessPlus without a late registration fee. Registration must be completed by 11 p.m. • Last day to cancel registration on AccessPlus for spring to avoid tuition assessment. All courses must be dropped on AccessPlus by 11 p.m. 	Feb. 20, Thurs..	<ul style="list-style-type: none"> • Fee payment deadline, spring. Second payment (minimum due).
Jan. 13, Mon.	<ul style="list-style-type: none"> • Class work begins. • Schedule changes processed through AccessPlus registration or in 10 Enrollment Services Center. 	Feb. 22, Sat	<ul style="list-style-type: none"> • Schedule of Classes for Fall 2020 available for viewing on the Web at http://classes.iastate.edu/
Jan. 17, Fri.	<ul style="list-style-type: none"> • Last day to process most schedule changes without a fee or to add/drop a course without signatures of instructor and adviser (full-semester courses and first half-semester courses). • Last day to drop full-semester or first half-semester courses without the drop appearing on the permanent record or counting toward the limit of dropped courses. • Last day to process a schedule change for spring through AccessPlus registration. • Last day to initiate registration through AccessPlus. A late registration fee applies. • Last day to change a full-semester course from audit to credit basis. • Graduate College applications for graduation for Spring 2020 are due in the Graduate College, 1137 Pearson Hall. 	Feb. 25, Tues.	<ul style="list-style-type: none"> • Registration Authorization Numbers for Summer 2020 and Fall 2020 registration available to colleges, if applicable. • Advising period for Summer and Fall 2020 registration begins. • Deadline for submitting approved, new experimental course announcement forms (with all signatures) for Summer 2020 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.
Jan. 18, Sat.	<ul style="list-style-type: none"> • Last day to return textbooks for refund to University Book Store. Exclusions apply. See www.isubookstore.com for details. 	March 2, Mon.	<ul style="list-style-type: none"> • Midterm grade reports due from all departments on Canvas and AccessPlus. • Second half-semester courses begin. • Last day to process most schedule changes in a second half-semester course without signatures of instructor and adviser. • Last day to drop a second half-semester course without the drop appearing on the permanent record or counting toward the limit of dropped courses. • Last day to change a second half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation. • Seniors graduating Summer 2020 or Fall 2020 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. 20, Mon.	<ul style="list-style-type: none"> • Fee payment deadline for spring. First payment (minimum due) or payment in full. 	March 6, Fri. March 6 Fri. 2:15 p.m	<ul style="list-style-type: none"> • Last day to drop a second half-semester course without the drop appearing on the permanent record or counting toward the limit of dropped courses. • Last day to change a second half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation. • Seniors graduating Summer 2020 or Fall 2020 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. 27, Mon.	<ul style="list-style-type: none"> • University holiday—offices closed, classes recessed. 	March 9, Mon. March 13, Fri.	<ul style="list-style-type: none"> • Spring break, classes recessed. • Fee payment deadline, spring semester. Final payment due. • 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. 22 count toward total allowable P/NP credits used for graduation.
Jan. 27, Mon.	<ul style="list-style-type: none"> • Last day to change a full-semester or first half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation. • Last day to elect to audit a full-semester course for spring. The instructor of the course must approve an audit. 	March 16-20, Mon.-Fri. March 20, Fti..	
Feb 4, Tues.	<ul style="list-style-type: none"> • Fall 2020 Schedule of Classes proof copy due in Registrar's Office, with or without changes 	March 27, Fri.	

University Calendar Spring 2020

March 27, Wed.	<ul style="list-style-type: none"> • Registration period for Summer 2020 and Fall 2019 begins. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. • First day of assigned Summer 2020 and Fall 2020 registration dates for students in the College of Veterinary Medicine and students in the Graduate College. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	April 23, Thurs.	<ul style="list-style-type: none"> • Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review.
March 30, Mon.	<ul style="list-style-type: none"> • Preliminary room assignments for Summer 2020 distributed to departments from Room Scheduling. 	April 25, Sat.,	<ul style="list-style-type: none"> • Room assignments for Summer 2020 courses displayed in the online Schedule of Classes.
March 31, Tues	<ul style="list-style-type: none"> • First day of assigned Summer 2020 and Fall 2020 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	April 28, Wed..	<ul style="list-style-type: none"> • Beginning summer class lists available on AccessPlus. • End of term textbook buyback begins at University Bookstore.
April 9, Thurs.	<ul style="list-style-type: none"> • First day of assigned Summer 2020 and Fall 2020 registration dates for students projected as sophomores. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. • Preliminary room assignments for Summer 2020, with changes due back to Room Scheduling from departments. Monday—Saturday. 	May 2, Sat..	<ul style="list-style-type: none"> • University bills with Summer 2020 tuition and fees charges available on AccessPlus
April 10, Fri.	<ul style="list-style-type: none"> • Last day to add/drop full-semester courses or withdraw without extenuating circumstances. • Last day to change a full-semester course to or from Pass/Not Pass • Last day to file a Designation of Repeated Course form for a full-semester or second half-semester course that is not an automatic designated repeat. 	May 4-May 7, Mon.-Thurs.	<ul style="list-style-type: none"> • Final examinations.
April 17, Fri.	<ul style="list-style-type: none"> • Last day to add/drop a second half-semester course without extenuating circumstances. • Last day to change a second half-semester course to or from Pass/Not Pass. Courses changed to graded basis after March 13 count toward total allowable P/NP credits used for graduation. 	May 7, Thurs.	<ul style="list-style-type: none"> • Graduate College Commencement: www.iastate.edu/~registrar/graduation • Undergraduate applications for graduation for Summer 2020 and Fall 2020 are due in the Registrar's Graduation Office, 210 Enrollment Services Center.
April 18, Thurs.	<ul style="list-style-type: none"> • First day of assigned Summer 2020 and Fall 2020 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. • Graduate College: last day for final oral examinations. • Deadline for Summer 2020, 12-week and Session I course cancellations due to low enrollment. 	May 8, Fri.	<ul style="list-style-type: none"> • Spring semester ends. • Graduate College applications for graduation for Summer 2020 are due in the Graduate College, 1137 Pearson Hall.
April 21, Tues.	<ul style="list-style-type: none"> • Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation. • Graduate College last day for final submission of graduate student graduation approval slip. 	May 9, Sat.	<ul style="list-style-type: none"> • Undergraduate Commencement:
April 22, Wed.	<ul style="list-style-type: none"> • Last day of assigned registration start dates for Summer 2020 and Fall 2020 registration. 	May 11, Mon.	<ul style="list-style-type: none"> • Registration Authorization information available for new Fall 2020 freshmen or distributed to Colleges, if applicable.
		May 13, Wed., 2:15 p.m.	<ul style="list-style-type: none"> • Final grades due on Canvas and AccessPlus.
		May 24, Thurs.	<ul style="list-style-type: none"> • Grade reports available on AccessPlus.

Resources

Admissions www.admissions.iastate.edu

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

College Student Services Offices

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

Financial Aid Office www.financialaid.iastate.edu

General Information..... 0210 Beardshear 294-2223

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

ISUCard Office 0530 Beardshear 294-2727

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

Verifications 214 Enrollment Services Center 294-1840
 Degree Audits..... 210 Enrollment Services Center..... 294-0802
 Fees & Tuition 10 Enrollment Services Center 294-2331
 Graduation 210 Enrollment Services Center 294-9372
 Registrar's Office Information 214 Enrollment Services Center 294-1840
 Registration 10 Enrollment Services Center 294-2331
 Residency Status for Fees & Admission 214 Enrollment Services Center 294-0025 or 294-0767
 Schedule Changes 10 Enrollment Services Center 294-2331
 Student Records 214 Enrollment Services Center 294-1840
 Transcripts 214 Enrollment Services Center 294-1840
 Veterans Certification 214 Enrollment Services Center 294-1840
 Veterans Services Center 3578 Memorial Union..... 294-9801

Registration Hold Contacts

Accounts Receivables Office 0880 Beardshear 294-7388
 Admissions 100 Enrollment Services Center 294-5836
 Dean of Students Office 1010 Student Services Building 294-1021
 Graduate College 1137 Pearson 294-4531
 International Students and Scholars 3241 Memorial Union 294-1120
 Loans Receivable 0880 Beardshear 294-8747
 Memorial Union 214 Memorial Union 294-0993
 Multicultural Student Affairs 2080 Student Services Building, 294-6338
 Scheduling & Fees 10 Enrollment Services Center 294-2331
 Student Health Thomas B. Thielen Student Health Center 294-5801

Student Answer Center www.answer.iastate.edu/

Student Answer Center Ground Floor Beardshear 294-4469

Admission

New Students

Prospective students should contact the Office of Admissions for information concerning admission procedures. Refer to the Iowa State University Undergraduate and Graduate Courses and Programs 2018-2019 catalog for specific requirements for admission. Applications are available through the Iowa State University home page, by clicking on "Apply" under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

Graduate Students

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

Nondegree Students

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

Undergraduate students, both nondegree and degree seeking:

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

Reentering Students

Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, Scheduling & Fees area, 10 Enrollment Services Center, at 515-294-2331, or e-mail reentry@iastate.edu. Return the completed form to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work attempted to the Office of Admissions, 100 Enrollment Services Center.

Questions about the registration process, contact:

**Office of the Registrar's Scheduling & Fees Office
10 Enrollment Services Center,
515-294-2331**

College student services offices:

**Agriculture and Life Sciences
20 Curtiss
294-2766**

**Business
1200 Gerdin
294-8430**

**Design
297 College of Design
294-6983**

**Engineering
1300 Marston
294-7186**

**Graduate College
1137 Pearson
294-4531**

**Human Sciences
0131 MacKay
294-6466**

**Liberal Arts and Sciences
102 Carrie Chapman Catt Hall
294-1522**

**Veterinary Medicine
2540 Vet Med
294-0772**

International Students

All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term). International student reentry forms are available through the ISU index under Reentering ISU, International Students and Scholars or from the Scheduling & Fees area at 10 Enrollment Services Center;. Return all parts of the completed reentry form and related documentation to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking Students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work to the Office of Admissions, 100 Enrollment Services Center. Once reentry has been approved, the reentry form will be forwarded to the Office of International Students and Scholars for financial certification and visa eligibility. Questions related to financial certification or visas should be directed to the Office of International Students & Scholars, 3241 Memorial Union, at 515-294-1120, or by e-mail: intlerv@iastate.edu.

Academically Dismissed

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

Approving Reentry

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

How to Register

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

Returning Students**Undergraduate and Nondegree Students**

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

Academically Dismissed

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

Graduate Students

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

Registration

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

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

To register, follow these steps:

- 1 Students meet with their academic adviser, who will provide the following:
 - a. degree audit
 - b. guidance in course selection
 - c. registration authorization information, with RAN, if applicable.
- 2 Students choose specific sections for each course they want to take. In most cases, their adviser will not be involved in selecting meeting times. Students can use the Schedule of Classes (<http://classes.iastate.edu/>) and Class Schedule Planner (<http://planner.iastate.edu/>) to plan their schedule.
- 3 Students should review their registration start date/time information and any registration hold information on AccessPlus, under Current Information. Students must resolve holds on their registration in order to register for classes.
- 4 Register for courses using the AccessPlus registration system. Room locations for courses will be available on AccessPlus beginning Saturday, December, 1.
- 5 Students must pay their fees. Registration is not complete until all fees are paid, including, tuition, room and board and other university charges. Students may view their university bill on AccessPlus. Failure to view their account on AccessPlus will not exempt them from late penalties or from having a hold placed on their registration. If they have questions, call 515-294-7388.

Initiating Registration

The last day to initiate a new registration through AccessPlus registration for Spring 2020 is Sunday, January 12th or the Scheduling & Fees Office in 10 Enrollment Services Center for Spring 2020 is Friday, January 11. A late registration fee is assessed for a registration initiated on or after the first day of classes. See the Tuition & Fees section for the late fee amounts.

Cancelling Registration

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

RAN

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

Registration System Abuse

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

AccessPlus Registration Tips

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

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

Schedule of Classes

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

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

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

Schedule Planner

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

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

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

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

AccessPlus

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

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

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

Schedule changes

Dropping and Adding Courses

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

Schedule change periods are as follows:

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

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

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

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

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

R-Credit Courses (required courses)

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

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

Drop Limit

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

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

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

Validating Enrollment

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

Spring 2020 Tuition & Fees

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

Payment of Fees

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

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

Deferred Billing

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

Past Due Accounts

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

Cancelling Registration

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

You may cancel your registration by contacting the Office of the Registrar 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 13), students who decide not to continue attending classes must process a withdrawal form.

Students considering a withdrawal from the university should immediately consult their academic adviser to discuss reasons for the withdrawal and alternatives. Should the student still wish to withdraw, the "Request for Withdrawal" form is initiated and submitted to the student's college for approval. If approved, the student's college will forward the withdrawal form to the Office of the Registrar. The student is then withdrawn from all courses based upon the withdrawal date on the form and tuition and fees are adjusted as appropriate according to established policies approved by the Board of Regents, State of Iowa. For further information go to the ISU index under 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 2020 for Full-term courses:

Withdrawal Date	Student Pays
Jan. 13-17	10%
Jan. 18-27	25%
Jan. 28-Feb 3	50%
Feb.4-10	75%
After Feb. 10	100%

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

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

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

Tuition Assessment & Additional information:

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

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

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

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

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

Appealing Tuition Assessments

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

Past Due Accounts

Students having past due accounts receivable charges may be dropped from enrollment for spring if these past due charges are not paid by the Thursday before the first day of classes. A statement indicating past due charges will be shown on the January 1 billing statement. Student that are subject to being dropped will be notified via their Iowa State e-mail account.

Cancelling Registration

A cancellation is processed when a student notifies the Office of the Registrar of their decision not to attend classes for the current semester prior to the day class work begins. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by 4:00 p.m. Friday, January 11; or drop all of your classes through AccessPlus by 11 p.m. Sunday, January 12.

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

Withdrawing Registration

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

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

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

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

GLOSSARY OF FEES

Activity, Services, Building and Recreation Fee

The activity, services, building and recreation fee is a mandatory fee that supports a variety of activities and services for all full time students. It is not based on whether or not a student uses an individual activity or service. This fee provides several benefits such as student admission rates to concerts and athletic events and unlimited use of CyRide. In addition, the fee provides support for campus recreation facilities, the Memorial Union, and campus organizations and services as allocated by the Government of the Student Body. Full-time students will be charged \$365.95 each fall and spring semester, and all students will be charged \$165.50 for the summer semester.

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

Admissions Application Fee

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

Delivery Fees

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

Health Facility Fee

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

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

Health Fee (Mandatory)

All students are assessed an \$120 Health Fee, except for students enrolled for four credits or less or students exclusively registered for the following: distance education courses (courses with section beginning with an X); courses for which no tuition is assessed;

GR ST 680, PSYCH 597, 697, or high school students enrolled under the PostSecondary Enrollment Options Act. (Note: The health fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship.)

Students who withdraw or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the tenth class day (January 27) with no adjustment after that time. No adjustment can be made if a student has used the services of the Thielen Student Health Center prior to withdrawing from or changing to an exempt status at the university. Students who add courses at any time during the term will be assessed the Health Fee according to the guidelines stated above.

Students who are exempt from the mandatory Health Fee may use the services of the Thielen Student Health Center on a fee for service basis or may elect to pay the \$120 Health Fee and \$8 Health Facility Fee, which allows participants to receive services at the Thielen Student Health Center for the same rate as students who pay the mandatory health fee. Spouses/domestic partners of students who wish to use the Thielen Student Health Center must pay the \$120 Health Fee and \$8 Health Facility Fee.

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

Late Registration Fee

Sunday, January 13 is the last day to initiate a registration for full semester courses for Spring 2020 without a late registration fee. Beginning Monday, January 13, undergraduate students are assessed a late registration fee of \$20. Graduate students are assessed a late registration fee of \$30 the first week of classes, \$60 the second week, and \$100 the third week or later.

New Student Programs/Matriculation Fee

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

Special Course Fees

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

Health Facility Fee

All students are assessed an \$8 health facility fee for Spring 2020, except for students exclusively registered for the following: distance education courses; (courses with sections beginning with an X); courses for which no tuition is assessed; continuous registration status courses, graduate students enrolled in GR ST 680, PSYCH 597, 697; or high school students enrolled under the Postsecondary Enrollment Options Act. Note: The health facility fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship. For students who withdraw or change to an exempt status as defined above, the tuition adjustment schedule will also be used for the health facility fee.

Graduation

Undergraduate Students

Spring 2020 graduating seniors are encouraged to submit applications for graduation after registering for their final semester. Applications are available from the adviser, college student services office, the Registrar's Graduation Office, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The application is due in 210 Enrollment Services Center the Friday before Thanksgiving break.

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

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

Undergraduate university commencement ceremony will be held Saturday, May 9, 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 2020.

- An "Application for Graduation" (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, January 31.
- Last day for graduate students to cancel graduation is March 27.
- A Request for "Final Oral Examination" form should be obtained from the students department and submitted to the Graduate College at least three weeks before the final oral examination.
- Final oral examination must be taken by Friday, April 17.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, April 21. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, April 23.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Tuesday, April 21. This form will be sent to their major professor or department when their "Request for Final Examination" is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.
- Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

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

The Graduate College commencement ceremony will be held at Thursday, May 7th, contingent on the president's decision.

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

Student Records

Degree Audits

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

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

Transcripts

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

Grade Reports

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

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

P = Passing (under the Pass-Not Pass system)

NP = Non-passing (under the Pass-Not Pass system)

S = Satisfactory

T = Satisfactory performance (equivalent to a grade of C or better) in a special exam for academic credit

X = Course dropped by the student after the first week of the semester

N = No report submitted by the instructor

I = Incomplete

For more complete information about Iowa State University's grading system, please refer to the Academic Life section of the Iowa State University Undergraduate and Graduate Courses and Programs 2019-2020 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 2019-2020 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)

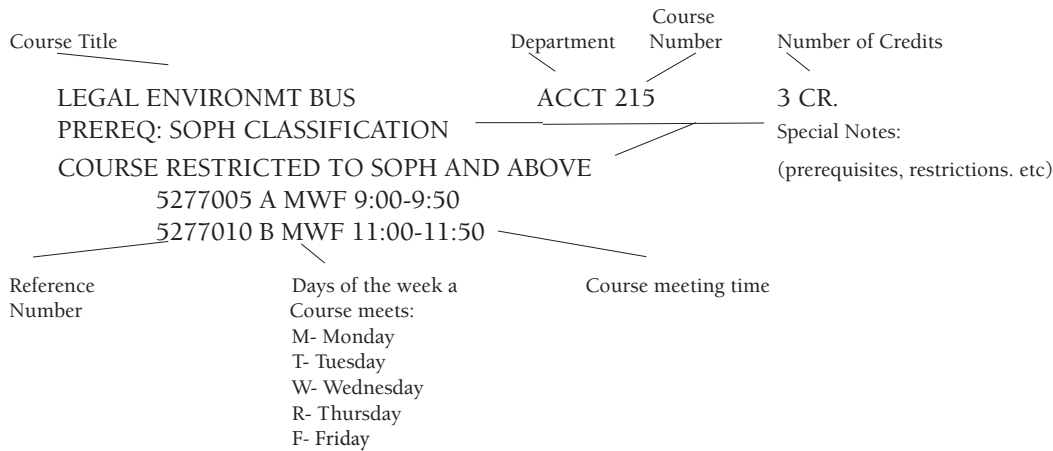
The Iowa State University student identification card (ISUCard) will be made available to students at the time of their first registration. This is a permanent card to be used while attending Iowa State. Loss of their ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where 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 Scheduling & Fees 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 Scheduling & Fees 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 Scheduling & Fees Office, 10 Enrollment Services Center.

Course Descriptions

Course descriptions can be found in the Iowa State University Undergraduate and Graduate Courses and Programs 2019-2020 catalog. Copies of the catalog may be purchased in campus area bookstores. The information is also available through the ISU index under catalog.

Credit Involving a Paid Activity

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

Credits Limits

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

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

Distance Education Course Information

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

Experimental Courses

Experimental courses (course numbers ending in "X") are not included in the Iowa State University Undergraduate and Graduate Courses and Programs 2019-2020 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)294-2331.

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 2019-2020 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 Scheduling & Fees Office, 10 Enrollment Services Center.

Room Assignments

Beginning Monday, December 2, students may find room assignments by viewing their schedule on AccessPlus.

Time Conflicts

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

Validation of Enrollment

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

Videotaping/Audiotaping Classes

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

Night Examinations

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

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

Night Exams for Spring 2020

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 2019-2020 catalog.

Departmental Test-out Exams

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

CLEP Exams

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

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

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

Tentative Final Exam Schedule

All class work will close on Friday, May 3 at 5 p.m.

Final exams in courses of two or more credits may not be given at a time that differs from the exam time scheduled by the registrar. An instructor may not give a final exam prior to final exam week nor change the published time of the final examination as it appears in the final exam schedule. Permission to change the time for which an exam is scheduled may be given only by the dean of the college. If the instructor elects not to give a final exam, the class is required to meet at the scheduled final exam period for other educational activity such as a review of the course or feedback on previous exams.

With the exception of special group courses, time for examinations is determined by the student's first contact of the week in each course. Special group courses will be scheduled after the semester begins if appropriate exam times and rooms can be arranged.

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

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

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

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

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

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

Tentative Final Exams Based on First Contact

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

Combined Group Exams

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

All Final Exam times should be verified with the instructor.

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

Please provide your university ID _____

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

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

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

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

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

Alternative courses

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

Notes

Adviser signature: _____ Date approved: _____

Registration Trial Schedule Grid

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

Registration Trial Schedule Grid

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

Campus Buildings and Abbreviations

Abbr.	Building	Abbr.	Building
ATRB	Advanced Teaching & Research Building	L A	Landscape Architecture Bldg. Bessey
Agron	Agronomy Hall	L Mech	Laboratory of Mechanics
Ames Hi	Ames High School	Lagomar	Lagomarcino Hall
Armory	Armory	LeBaron	LeBaron Hall
Atansff	Atanasoff Hall	Library	Parks Library
Bessey	Bessey Hall	Lloyd	Lloyd Veterinary Medical Center
Beyer	Beyer Hall	MacKay	MacKay Hall
BRL	Biorenewables Research Laboratory	MWL Com*	Maple-Willow-Larch Commons
Black	Black Engineering Bldg.	Martin	Martin Residence Hall
Carver	Carver Hall	Marston	Marston Hall
Com Bldg	Communications Bldg.	Meats L	Meats Laboratory
Coover	Coover Hall	Mem Un/MU	Memorial Union
Curtiss	Curtiss Hall	Mol-Bio	Molecular Biology Bldg.
Dairy F	Dairy Farm	Morrill	Morrill Hall
Design	College of Design	Music	Music Hall
Durham	Durham Center	NSRIC	National Swine Research and Information Center
Eaton	Eaton Hall	Palmer	Palmer HDFS Bldg.
E Hall	East Hall	Pearson	Pearson Hall
Elings	Elings Hall	Physics	Physics Hall
Farm Bu	Farm Bureau Livestock Pav. (Kildee)	Phys A	Physics Addition
Food Sc	Food Sciences Building	Roberts*	Roberts Residence Hall
Forker	Barbara Forker Building	Ross H	Ross Hall
Friley*	Friley Residence Hall	Scheman	Scheman Building
Gerdin	Gerdin Business Building	Science	Science Hall I
Gilman	Gilman Hall	Sci 2	Science Hall II
Hach	Hach Hall	Seed	Seed Science Bldg.
Hamilton	Hamilton Hall	Sned H	Snedecor Hall
Heady	Heady Hall	Sped. H	Spedding Hall
Hoover	Hoover Hall	St Gym	State Gymnasium
Horse B	Horse Barn	Sukup	Sukup Hall
Hort	Horticulture Hall & Greenhouse	Sweeney	Sweeney Hall
Howe	Howe Hall	Town	Town Engineering Bldg.
I Ed I	Industrial Education Bldg. I	Troxel	Troxel Hall
I Ed II	Industrial Education Bldg. II	Vet Med	Veterinary Medicine Bldg.
Insect	Insectary and Greenhouse	Wilhelm	Wilhelm Hall
Jischke	Martin Jischke Honors Bldg.	Zaffrno	Zaffarano Physics Addition
Kildee	Kildee Hall		
King PV	King Pavilion		

*Residence Hall

Other Campus Buildings

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

ACCOUNTING

LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS
 Prereq: SOPH CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH AND ABOVE
 5277005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 5277010 2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 5277015 3 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

FINANCIAL ACCOUNTNG ACCT 284 3 CREDITS
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
 1110005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 1110010 2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 1110015 3 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 1110020 4 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 1110600 XW ARRANGED CLEM A
 MEETS: JAN 13-MAY 8
 Note: SECTION XW RESTRICTED TO UNDERGRADUATE STUDENTS ONLY.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$200.00

MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS
 Prereq: ACCT 284
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS.
 1112005 1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 1112010 2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8
 1112015 3 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 1112020 4 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 1112025 5 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 1112030 6 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 1112035 7 TR 12:40-1:55
 MEETS: JAN 13-MAY 8
 1112040 8 TR 2:10-3:25
 MEETS: JAN 13-MAY 8
 1112045 9 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

THE ACCOUNTNG CYCLE ACCT 301 1 CREDIT
 Prereq: ACCT 284
 Note: THIS COURSE IS TAUGHT ENTIRELY ONLINE & IS ACCESSABLE THROUGH CANVAS. THERE IS NO REQUIRED FACE-TO-FACE MEETINGS. THIS COURSE CARRIES AN ADDITIONAL COST OF APPROXIMATELY \$50 TO ACCESS THE REQUIRED COMPUTER SOFTWARE PROGRAM. RESTRICTED TO BUSINESS COLLEGE MAJORS ONLY.
 1078005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

BSNSS DATA STRM&ISS ACCT 315 3 CREDITS
 Prereq: COM S 113
 8259005 1 T 6:40-9:25PM
 MEETS: JAN 13-MAY 8

BUSINESS LAW ACCT 316 3 CREDITS
 Prereq: ACCT 215
 Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS ONLY. NOT OPEN TO P BUS MAJORS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 5278005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

INTMD MANAGERL ACCT ACCT 383 3 CREDITS
 Prereq: ACCT 285 OR ACCT 501; AND ACCT 301
 Note: SEC A1,B1, ETC RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2, ETC RESTRICTED TO BUS MAJORS EXCEPT ACCT, P BUS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 1117005 A1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 1117010 A2 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 1117015 B1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 1117020 B2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 1117025 C1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8
 1117030 C2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

ACCOUNTING

(CONTINUED)

ACCT INFO SYSTEMS ACCT 384 3 CREDITS
 Prereq: ACCT 285 OR ACCT 501; ACCT 301; MIS 301
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2,C2 ETC RESTRICTED TO BUS COLLEGE MAJORS EXCEPT ACCT, P BUS.
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
 1123005 A1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 1123010 A2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 1123015 B1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 1123020 B2 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 1123025 C1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8
 1123030 C2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

INTMED ACCOUNTING I ACCT 386 3 CREDITS
 Prereq: ACCT 285 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 13-MAY 8
 1118010 A2 TR 2:10-3:25
 MEETS: JAN 13-MAY 8
 1118015 B1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 1118020 B2 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 1118025 C1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8
 1118030 C2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

INTMD ACCOUNTING II ACCT 387 3 CREDITS
 Prereq: C- OR BETTER IN ACCT 386
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2,C2 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 13-MAY 8
 1119010 A2 TR 12:40-1:55
 MEETS: JAN 13-MAY 8
 1119015 B1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8
 1119020 B2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8
 1119025 C1 TR 2:10-3:25
 MEETS: JAN 13-MAY 8
 1119030 C2 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

APP&CMM MANAGER ACC ACCT 483 3 CREDITS
 Prereq: ACCT 383 OR ACCT 581
 Note: COURSE RESTRICTED TO ACCT UNDER GRADUATE MAJORS ONLY.
 8793005 1 T 6:40-10:00PM
 MEETS: JAN 14-APRIL 7

ADV ACCT INFO SYSTM ACCT 484 3 CREDITS
 Prereq: ACCT 384
 Note: COURSE RESTRICTED TO ACCT UNDERGRADS ONLY
 9016005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

PRIN FED INCOME TAX ACCT 485 3 CREDITS
 Prereq: C- OR BETTER IN ACCT 386 OR ACCT 501
 Note: COURSE RESTRICTED TO ACCT MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION. Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 1121005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 1121010 2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

VOLUN INCM TAX ASSI ACCT 487 1 CREDIT
 Prereq: ACCT 285 OR ACCT 501
 3365005 1 ARRANGED
 MEETS: JAN 12-APRIL 22
 Note: SEC 1 LEC MEETS 1/13-2/12 LAB
 MEETS 2/17-4/22

NONPROFIT INST ACCT ACCT 488 3 CREDITS
 Prereq: ACCT 386
 Note: COURSE NOT OPEN TO P BUS. COURSE RESTRICTED TO COLLEGE OF BUISNESS MAJORS ONLY. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 1120005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 1120010 2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

ACCOUNTING (CONTINUED)

CORP SOC RSPSB RPTG ACCT 489 3 CREDITS
 Note: COURSE RESTRICTED TO ACCT MAJORS ONLY
 9713005 1 W 6:40-10:00PM
 MEETS: JAN 15-APRIL 8

INDEPENDENT STUDY ACCT 490 1- 3 CREDITS
 Prereq: ACCT 285, SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ACCT MAJORS ONLY
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ACCT PROBLEMS ACCT 495 3 CREDITS
 Prereq: ACCT 387
 Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS
 ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 7148005 1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 7148010 2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

ACCT IN GLOBAL ECON ACCT 496 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: COURSE RESTRICTED TO ACCT UNDERGRADS
 & I BUS MAJORS ONLY
 9026005 1 R 6:40-10:00PM
 MEETS: JAN 16-APRIL 9

INTRO TO AUDITING ACCT 497 3 CREDITS
 Prereq: ACCT 384, ACCT 387 AND STAT 326
 Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS ONLY.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 1126005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 1126010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 1126015 3 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

ACCT FOR DECISN MAK ACCT 581 3 CREDITS
 Prereq: ACCT 501 OR EQUIVALENT
 9116600 XW ARRANGED DENISON C
 MEETS: JAN 13-APRIL 10
 Note: Section XW is off campus
 Course delivery is WWW

APP&CMM MANAGER ACC ACCT 583 3 CREDITS
 Prereq: ACCT 383 OR ACCT 581
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1009005 1 T 6:40-10:00PM
 MEETS: JAN 14-APRIL 7

ADV ACCT INFO SYSTM ACCT 584 3 CREDITS
 Prereq: ACCT 384
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 9023005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

TAXES &BUS STRATEGY ACCT 585 3 CREDITS
 Prereq: ACCT 485
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1130005 1 MW 5:10-6:25PM
 MEETS: JAN 13-MAY 8

VOLUN INCM TAX ASSI ACCT 587 1 CREDIT
 Prereq: ACCT 285 OR ACCT 501
 1089005 1 ARRANGED
 MEETS: JAN 12-APRIL 22
 Note: SEC 1 LEC MEETS 1/13-2/12 LAB
 MEETS 2/17-4/22

GOV'T&NON-PRFT ACCT ACCT 588 3 CREDITS
 Prereq: ACCT 387
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2909005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 2909010 2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

CORP SOC RSPSB RPTG ACCT 589 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1242005 1 W 6:40-10:00PM
 MEETS: JAN 15-APRIL 8

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

FIN STATEMNT ANALYS ACCT 592 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1357005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

ACCOUNTING (CONTINUED)

ADV ACCNTNG PROBLMS ACCT 595 3 CREDITS
 Prereq: ACCT 387
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1011005 1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 1011010 2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

ACCT IN GLOBAL ECON ACCT 596 3 CREDITS
 Prereq: ACCT 386 OR ACCT 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2892005 1 R 6:40-10:00PM
 MEETS: JAN 16-APRIL 9

ADV AUDITG&ASSURNCE ACCT 597 3 CREDITS
 Prereq: ACCT 497
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7006005 1 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

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 13-MAY 8

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 2:10-3:30
 MEETS: JAN 13-MAY 8
 4439010 1B MW 2:10-3:33
 MEETS: JAN 13-MAY 8
 4439015 2A TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 4439020 2B TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 4439025 3A MW 3:40-5:00
 MEETS: JAN 13-MAY 8
 4439030 3B MW 3:40-5:00
 MEETS: JAN 13-MAY 8
 4439035 4A TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 4439040 4B TR 11:00-12:20
 MEETS: JAN 13-MAY 8

ADVERTSNG CREATIVTY ADVRT 334 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 ONLY.
 4669005 1 MW 10:00-11:50
 MEETS: JAN 13-MAY 8
 4669010 2 MW 1:10-3:00
 MEETS: JAN 13-MAY 8

ADVERT MEDIA PLANNG ADVRT 335 3 CREDITS
 Prereq: ADVRT 301 OR P R 301
 4670005 1A MW 12:10-1:30
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO JL MC, ADVRT, P R
 MAJORS ONLY
 4670010 1B MW 12:10-1:30
 MEETS: JAN 13-MAY 8
 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 13-MAY 8
 4440010 2 MW 12:10-1:30
 MEETS: JAN 13-MAY 8

PRO SKILL DEVEL:MAP ADVRT 390A 1 CREDIT
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR
 PERMISSION FOR NONMAJORS
 Note: TOPIC: PROSKILL DEVEL: MAP
 0419005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADVERTISING CAMPGNS ADVRT 434 3 CREDITS
 Prereq: C+ OR BETTER IN ADVRT 334 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 13-MAY 8

ADVERTISING

(CONTINUED)

AEROSPACE ENGINEERING

(CONTINUED)

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 MW 8:00-9:20
 MEETS: JAN 13-MAY 8

SPL TP FIRST AMENDM ADVRT 497D 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 0143005 1 MW 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP:PLN SO MDIA ADVRT 497L 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 0481600 XW ARRANGED WIGTON M
 MEETS: JAN 13-MAY 8
 Note: THIS COURSE HAS A \$150.00 DELIVERY FEE
 Section XW is off campus
 Course delivery is WWW

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

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

AEROSPACE ENGINEERING

AEROSPAC ENG PROBLM AER E 160 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH
 PLACEMENT EXAM; CREDIT OR ENROLLMENT IN MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: M E 160, ENGR 160,
 AER E 160, C E 160, CPR E 185, E E 185, S E 185,
 I E 148
 6215005 1 MW 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 13-MAY 8

NUM&GRAPHC&LAB TCNQ AER E 161 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN AER E 160
 OR EQUIVALENT COURSE
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 7834005 1 MW 9:00-9:50 ALTUKHOVA N
 F 9:00-10:50
 MEETS: JAN 13-MAY 8
 7834010 2 MW 9:00-9:50 ALTUKHOVA N
 F 9:00-10:50
 MEETS: JAN 13-MAY 8
 7834015 3 MW 9:00-9:50 NELSON M
 F 9:00-10:50
 MEETS: JAN 13-MAY 8
 7834020 4 MW 11:00-11:50 NELSON M
 F 11:00-12:50
 MEETS: JAN 13-MAY 8
 7834025 5 MW 1:10-2:00 NELSON M
 F 1:10-3:00
 MEETS: JAN 13-MAY 8

HONOR NUM&GRPH TCNQ AER E 161H 3 CREDITS
 Prereq: MATH 141 OR 142 OR SATISFACTORY SCORES ON
 MATH PLACEMENT EXAM; CR OR ENROLLMENT IN MATH 165,
 PROFICIENCY IN FORTRAN OR C PROGRAMMING LANGUAGES,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 8247005 1 MW 11:00-11:50 ALTUKHOVA N
 F 11:00-12:50
 MEETS: JAN 13-MAY 8
 8247010 2 MW 11:00-11:50 ALTUKHOVA N
 F 11:00-12:50
 MEETS: JAN 13-MAY 8

AEROSPACE SEMINAR AER E 192 R CREDIT
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY.
 Satisfactory-Fail Only.
 1085005 1 M 4:10-5:00 ALTUKHOVA N
 MEETS: JAN 13-MAY 8
 1085010 2 M 4:10-5:00 ALTUKHOVA N
 MEETS: JAN 13-MAY 8
 1085015 3 M 4:10-5:00 ALTUKHOVA N
 MEETS: JAN 13-MAY 8
 1085020 4 W 4:10-5:00 ALTUKHOVA N
 MEETS: JAN 13-MAY 8
 1085025 5 W 4:10-5:00 ALTUKHOVA N
 MEETS: JAN 13-MAY 8
 1085030 6 W 4:10-5:00 ALTUKHOVA N
 MEETS: JAN 13-MAY 8

HONOR AEROSPC SEMNR AER E 192H R CREDIT
 Note: COURSE RESTRICTED TO HONORS STUDENTS
 Satisfactory-Fail Only.
 2647005 1 F 4:10-5:00 ALTUKHOVA N
 MEETS: JAN 13-MAY 8
 2647010 2 F 4:10-5:00 ALTUKHOVA N
 MEETS: JAN 13-MAY 8

INTRO PERFRMNC&DSGN AER E 261 3 CREDITS
 Prereq: MATH 166, PHYS 221, CREDIT OR ENROLLMENT
 IN AER E 161
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 6021005 1 MWF 11:00-11:50 RAJAGOPALAN R
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY AER E 290C 1- 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION, DEPT APPROVAL
 Note: OFFERED FOR 2 CREDIT SPRING 2020
 ***** SEE DEPT FOR REFERENCE NUMBERS

MAKE TO INNOVATE I AER E 294 1 CREDIT
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 9385005 1 ARRANGED NELSON M
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 1160010 2 W 3:10-4:00 MARTIN R
 T 10:00-11:50
 MEETS: JAN 13-MAY 8
 1160015 3 W 3:10-4:00 MARTIN R
 T 1:10-3:00
 MEETS: JAN 13-MAY 8
 1160020 4 W 3:10-4:00 MARTIN R
 R 8:00-9:50
 MEETS: JAN 13-MAY 8
 1160030 5 W 3:10-4:00 MARTIN R
 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 1160035 6 W 3:10-4:00 MARTIN R
 R 1:10-3:00
 MEETS: JAN 13-MAY 8

AERODYNAM I:INCMPRS AER E 310 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN AER E 261
 AND MATH 265
 1175005 1 MWF 9:00-9:50 RAYBURN C
 MEETS: JAN 13-MAY 8

AERODYN II:CMRSSLBL AER E 311 3 CREDITS
 Prereq: AER E 310, M E 231
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY.
 CONCURRENT ENROLLMENT IN AER E 311L REQUIRED
 1179005 1 MWF 11:00-11:50 WARD T
 MEETS: JAN 13-MAY 8
 1179010 2 MWF 9:00-9:50 RAJAGOPALAN R
 MEETS: JAN 13-MAY 8

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 BASTAWROS A
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 9129010 2 M 4:10-5:00 CHIOU C
 T 2:10-4:00
 MEETS: JAN 13-MAY 8
 9129015 3 M 4:10-5:00 CHIOU C
 T 12:10-2:00
 MEETS: JAN 13-MAY 8
 9129020 4 M 4:10-5:00 CHIOU C
 R 12:10-2:00
 MEETS: JAN 13-MAY 8

FLGHT CONTROL SYS I AER E 331 3 CREDITS
 Prereq: AER E 355
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 1235005 1 MWF 3:10-4:00 SHERMAN P
 MEETS: JAN 13-MAY 8
 1235010 2 MWF 12:10-1:00 SHERMAN P
 MEETS: JAN 13-MAY 8

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 POUYA S
 T 11:00-12:50
 MEETS: JAN 13-MAY 8
 6493010 2 TR 10:00-10:50 POUYA S
 T 1:10-3:00
 MEETS: JAN 13-MAY 8
 6493015 3 TR 10:00-10:50 POUYA S
 T 3:10-5:00
 MEETS: JAN 13-MAY 8

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

AERODYN&PROPULS LAB AER E 344 3 CREDITS
 6493020 4 TR 10:00-10:50 POUYA S
 R 11:00-12:50
 MEETS: JAN 13-MAY 8
 6493025 5 TR 10:00-10:50 POUYA S
 R 1:10-3:00
 MEETS: JAN 13-MAY 8
 6493030 6 TR 10:00-10:50 POUYA S
 R 3:10-5:00
 MEETS: JAN 13-MAY 8
 6493035 7 TR 10:00-10:50 POUYA S
 F 1:10-3:00
 MEETS: JAN 13-MAY 8

ASTRODYNAMICS I AER E 351 3 CREDITS
 Prereq: E M 345
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 1168005 1 MWF 1:10-2:00 WIE B
 MEETS: JAN 13-MAY 8
 1168010 2 MWF 1:10-2:00 CHIMENTI D
 MEETS: JAN 13-MAY 8

AIRCRAFT FLI DYN&CTL AER E 355 3 CREDITS
 Prereq: AER E 261, MATH 267, E M 345
 1056005 1 MWF 2:10-3:00 WIE B
 MEETS: JAN 13-MAY 8

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 1:10-3:00
 MEETS: JAN 13-MAY 8
 1170010 2 TR 11:00-11:50 ROZIER K
 T 3:10-5:00
 MEETS: JAN 13-MAY 8
 1170015 3 TR 11:00-11:50 ROZIER K
 R 1:10-3:00
 MEETS: JAN 13-MAY 8
 1170020 4 TR 11:00-11:50 ROZIER K
 R 3:10-5:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 4293010 2 MWF 1:10-2:00 LEIFSSON L
 MEETS: JAN 13-MAY 8

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

AERO VEHIC PROPUL I AER E 411 3 CREDITS
 Prereq: AER E 311, AER E 344
 6028005 1 MWF 2:10-3:00 AHN B
 MEETS: JAN 13-MAY 8

ADV FLIGHT STRUCTRS AER E 421 3 CREDITS
 Prereq: AER E 321, MATH 266 OR 267
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 1176005 1 MW 9:00-9:50 DAYAL V
 F 9:00-10:50
 MEETS: JAN 13-MAY 8
 1176010 2 MW 1:10-2:00 SHEIDAEI A
 F 1:10-3:00
 MEETS: JAN 13-MAY 8

VIBRAT&AEROELASTCTY AER E 422 3 CREDITS
 Prereq: E M 324 OR AER E 321
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 1178005 1 MWF 11:00-11:50 SARKAR P
 MEETS: JAN 13-MAY 8

ASTRODYNAMICS II AER E 451 3 CREDITS
 Prereq: AER E 351
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 1184005 1 MWF 10:00-10:50 ABDELKHALIK O
 MEETS: JAN 13-MAY 8

MOD DESIGN METHODOL AER E 461 3 CREDITS
 Prereq: AER E 361, AER E 311, AER E 321,
 AER E 322, AER E 344, AER E 351, AER E 355
 Note: COURSE RESTRICTED TO AER E SENIORS ONLY
 1186005 1 TR 10:00-10:50 GRAGER T
 R 11:00-12:50
 MEETS: JAN 13-MAY 8

DESIGN AEROSPC SYS AER E 462 3 CREDITS
 Prereq: AER E 461
 Note: COURSE RESTRICTED TO AER E SENIORS ONLY
 1187005 1 T 2:10-3:00 GRAGER T
 MW 3:10-5:00
 MEETS: JAN 13-MAY 8
 1187010 2 T 2:10-3:00 GONZALEZ-TORRES
 TR 3:10-5:00
 MEETS: JAN 13-MAY 8
 1187015 3 MW 10:00-10:50 GRAGER T
 F 9:00-10:50
 MEETS: JAN 13-MAY 8

SPACECRAFT SYSTEMS AER E 464 3 CREDITS
 Prereq: AER E 351
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 1188005 1 MWF 1:10-2:00 LEE D
 MEETS: JAN 13-MAY 8

MULTIDISC ENGR DSGN AER E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 8778005 1 MWF 3:10-5:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8

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

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

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

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

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

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

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

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

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

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

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

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

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

MAKE TO INNOVATE II AER E 494X 2- 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 0213005 1 ARRANGED NELSON M
 MEETS: JAN 13-MAY 8

SENIOR PROJECT AER E 499 1- 2 CREDITS
 Prereq: SENIOR CLASSIFICATION, CR OR ENROLLMENT
 IN AER E 491
 4759005 1 ARRANGED
 MEETS: JAN 13-MAY 8

FINITE ELEMENT ANLY AER E 525 3 CREDITS
 Prereq: E M 425, MATH 385
 7252005 1 MWF 2:10-3:00 XIONG L
 MEETS: JAN 13-MAY 8
 7252600 XW ARRANGED XIONG L
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

AUTO CNTRL FLT VEH AER E 531 3 CREDITS
 Prereq: AER E 331
 1204005 1 MWF 12:10-1:00 KIM A
 MEETS: JAN 13-MAY 8

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

VISCOUS FLOW AER E 544X 3 CREDITS
 Prereq: AER E 311 OR M E 335
 0472005 1 MWF 10:00-10:50 WARD T
 MEETS: JAN 13-MAY 8

FLU MECH&HEAT TR II AER E 547 3 CREDITS
 Prereq: AER E 546 OR EQUIVALENT
 1213005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

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 1 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO ENG M, IE, IMSE, SYS E
 GRADUATES ONLY
 8933010 2 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN ENG M, IE, IMSE,
 SYS E GRADUATES

OPTIMAL CONTROL AER E 574 3 CREDITS
 Prereq: E E 577
 8188005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

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 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

NONLINEAR SYSTEMS AER E 578 3 CREDITS
 Prereq: E E 577
 8191005 1 MW 5:10-6:30PM
 MEETS: JAN 13-MAY 8

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

FLUID FLOW STABILTY AER E 640 3 CREDITS
 Prereq: AER E 541
 9381005 1 MWF 11:00-11:50 DURBIN P
 MEETS: JAN 13-MAY 8

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

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

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

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

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

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

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

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

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

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

ENGINEERG INTERNSHP AER E 697 R CREDIT
 Prereq: PERMISSION OF DOGE, GRADUATE CLASSIFICATN
 Satisfactory-Fail Only.
 8131005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

AFRICAN AND AFRICAN AMERICAN STUDIES

INTRO AFRIC AMER ST AF AM 201 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 8310005 1 MWF 11:00-11:50 BEGLEY L
 MEETS: JAN 13-MAY 8

8310010 2 MWF 2:10-3:00 BEGLEY L
 MEETS: JAN 13-MAY 8

8310015 3 TR 9:30-10:50 ADELEKE R
 MEETS: JAN 13-MAY 8

8310020 4 MWF 10:00-10:50 DAZZELL L
 MEETS: JAN 13-MAY 8

8310605 XV ARRANGED
 MEETS: JAN 14-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW

8310600 XW ARRANGED BEGLEY L
 MEETS: JAN 13-MAY 8
 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
 8638600 XW ARRANGED KUSOW A
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

RACE ETHN&US CJ SYS AF AM 335X 3 CREDITS
 Prereq: CJ ST 240 OR AF AM 201
 Note: Meets U.S. diversity reqmt
 0124005 1 MWF 10:00-10:50 BURGASON K
 MEETS: JAN 13-MAY 8

AFRIC AM LIT STUDIE AF AM 347 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 8631005 A1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 8631010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

HIST AFRICAN AMER I AF AM 353 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 Meets U.S. diversity reqmt
 8743005 1 TR 8:00-9:20 ADELEKE R
 MEETS: JAN 13-MAY 8

SEM AFRIC AMER CULT AF AM 460 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required.
 6688005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY AF AM 490 1- 3 CREDITS
 Prereq: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR
 AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM
 Note: Instructor permission required.
 8357005 1 ARRANGED
 MEETS: JAN 13-MAY 8

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

EXPERNC AG&BIO ENGR A B E 110 1 CREDIT
 1001005 1 M 10:00-10:50
 F 11:00-12:50
 MEETS: JAN 13-MAY 8
 1001010 2 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 1001015 3 R 2:10-4:00
 MEETS: JAN 13-MAY 8

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 1 MW 10:00-11:50
 MEETS: JAN 13-MAY 8

ENG GRPHC&INTRO DSN A B E 170 3 CREDITS
 6705005 1 MW 12:10-2:00
 MEETS: JAN 13-MAY 8

SMNR:PREP FOR WRKPL A B E 201 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION IN A E, AST, BSE OR I TEC
 1373005 1 MW 4:10-5:00
 MEETS: JAN 13-MARCH 6

PROJ MGT&DESIGN ABE A B E 218 2 CREDITS
 Prereq: A B E 216
 1067005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

PARAM SLD MODEL ENG A B E 271 1 CREDIT
 Prereq: A B E 170 OR TSM 116 OR EQUIVALENT
 9153005 1 M 9:00-9:50
 W 8:00-9:50
 MEETS: JAN 13-MARCH 6
 Note: SEC 1 RESTRICTED A E, BSE MAJORS ONLY
 9153010 2 M 9:00-9:50
 W 8:00-9:50
 MEETS: JAN 13-MARCH 6
 Note: SEC 2 RESTRICTED TO AST & I TEC MAJORS ONLY.

CREO PARAMETRC MODL A B E 272 1 CREDIT
 Prereq: A B E 170 OR TSM 116 OR EQUIVALENT
 2650005 1 M 9:00-9:50
 W 8:00-9:50
 MEETS: MARCH 9-MAY 8
 Note: SEC 1 RESTRICTED A E, BSE MAJORS ONLY
 2650010 2 M 9:00-9:50
 W 8:00-9:50
 MEETS: MARCH 9-MAY 8
 Note: SEC 2 RESTRICTED TO AST & I TEC MAJORS ONLY.

CAD FACILT&LAND USE A B E 273 1 CREDIT
 Prereq: ENGR 170 OR TSM 116 OR EQUIVALENT
 4264005 A1 M 2:10-3:00
 W 2:10-4:00
 MEETS: JAN 13-MARCH 6
 Note: SEC A1 RESTRICTED TO A E, BSE MAJORS ONLY
 4264010 A2 M 2:10-3:00
 W 2:10-4:00
 MEETS: JAN 13-MARCH 6
 Note: SEC A2 RESTRICTED TO AST, I TEC MAJORS ONLY

APPLD NUMRCL METHDS A B E 316 3 CREDITS
 Prereq: A B E 160; MATH 266 OR MATH 267
 8355005 1 MW 8:00-9:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 1008010 A2 MW 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 13-MAY 8
 1008015 B1 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 1008020 B2 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8

ELEC POWR&ELECTRONC A B E 363 4 CREDITS
 Prereq: A B E 216
 1019005 1 TR 11:00-12:30
 W 3:10-5:00
 MEETS: JAN 13-MAY 8
 1019010 2 TR 11:00-12:30
 T 3:10-5:00
 MEETS: JAN 13-MAY 8

PRIN BIOL SYS ENGR A B E 380 3 CREDITS
 Prereq: A B E 316, CH E 357
 8499005 1 MW 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 8499010 2 MW 12:10-1:00
 F 3:10-6:00PM
 MEETS: JAN 13-MAY 8

ELE SYS INTEGRAT AG A B E 410 3 CREDITS
 Note: COURSE FOR UNDERGRADUATES ONLY
 6795005 1 MW 3:10-5:00
 MEETS: JAN 13-MAY 8

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 1 TR 10:00-10:50
 MEETS: JAN 13-MAY 8

AG&BIOSY ENG DSN II A B E 416 2 CREDITS
 Prereq: A B E 415
 Note: COURSE RESTRICTED TO A E, BSE MAJORS ONLY
 7302005 1 MW 12:10-1:00
 MEETS: JAN 13-MAY 8

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 1 T 1:10-3:00
 MEETS: JAN 13-MARCH 6

NONPT SOURC POLLU&C A B E 432 3 CREDITS
 Prereq: E M 378 OR CH E 356 OR M E 335
 6766005 1 MW 1:10-2:00
 M 3:10-5:00
 MEETS: JAN 13-MAY 8

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 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

MULTIDISC ENGR DSGN A B E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 8891005 1 MWF 3:10-5:00
 MEETS: JAN 13-MAY 8

GRAIN STORAGE&HANDL A B E 469 3 CREDITS
 Prereq: A B E 216
 1371005 1 MW 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: Materials, field trips &/or travel fee \$65.00
 1371010 2 MW 10:00-10:50
 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: Materials, field trips &/or travel fee \$65.00
 1371015 3 MW 10:00-10:50
 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 Note: Materials, field trips &/or travel fee \$65.00

ENVIR MODIF SY ANIM A B E 472 3 CREDITS
 Prereq: A B E 216, M E 231
 1158005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

DSIGN ANIM PROD SYS A B E 475 2 CREDITS
 Prereq: A B E 271, A B E 272, OR A B E 273; E M 324 AND ENROLLMENT IN APSE OPTION OF A E PROGRAM
 4206005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

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

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

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

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

PRE STU ABROAD&POST A B E 495 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 7178800 FR ARRANGED
 MEETS: JAN 13-MAY 8
 Note: PRE-TRAVEL TO PARIS, FRANCE. OFFERED OF 1 CREDIT

ELE SYS INTEGRAT AG A B E 510 3 CREDITS
 6820005 1 MW 3:10-5:00
 MEETS: JAN 13-MAY 8

NONPT SOURC POLLU&C A B E 532 3 CREDITS
 Prereq: A B E 431 OR C E 372
 6788005 1 MW 1:10-2:00
 M 3:10-5:00
 MEETS: JAN 13-MAY 8

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 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

GRAIN STORAGE&HNDLG A B E 569 3 CREDITS
 Prereq: A B E 216
 1035005 1 MW 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: Materials, field trips &/or travel fee \$65.00
 1035010 2 MW 10:00-10:50
 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: Materials, field trips &/or travel fee \$65.00
 1035015 3 MW 10:00-10:50
 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 Note: Materials, field trips &/or travel fee \$65.00

ENVIR MODIF SY ANIM A B E 572 3 CREDITS
 Prereq: A B E 216, M E 231
 1036005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

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

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 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

ENGINEERG INTERNSHP A B E 697 R CREDIT
 Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF Satisfactory-Fail Only.
 1700005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

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

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

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

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

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

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

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

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

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

AGRICULTURAL EDUCATION & STUDIES

AG &LIFE SCI EXPLOR AGEDS 110C 1 CREDIT
 8358005 1 MW 12:10-1:00 CLAWSON B
 MEETS: JAN 13-MARCH 6

AG BIOTECHN COLLOQ AGEDS 112 1 CREDIT
 Prereq: ENROLLMENT AS AN AG EXCELLENCE SCHOLAR
 1303005 1 T 1:10-2:00 BEITZ D
 MEETS: JAN 13-MAY 8

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 13-MAY 8

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 13-MAY 8

CAREER SEMINAR AGEDS 215 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO AGLSE MAJORS ONLY
 1385005 1 MW 1:10-2:00 HANSON V
 MEETS: JAN 13-MARCH 6

FOUND AG ED PROGRMS AGEDS 310 3 CREDITS
 8790005 1 TR 9:30-10:50 SMALLLEY S
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO AGLSE SOPH & ABOVE

PRESENTN STRATEGIES AGEDS 311 3 CREDITS
 1272005 1 MWF 11:00-11:50 MORRIS M
 MEETS: JAN 13-MAY 8
 1272010 2 MWF 9:00-9:50 MORRIS M
 MEETS: JAN 13-MAY 8
 1272015 3 TR 9:30-10:50 RINKER S
 MEETS: JAN 13-MAY 8
 1272020 4 MWF 10:00-10:50 QU S
 MEETS: JAN 13-MAY 8
 1272025 5 MWF 8:00-8:50 SMITH S
 MEETS: JAN 13-MAY 8

SCI WITH PRACTICE AGEDS 312 3 CREDITS
 Prereq: MAJOR IN THE COLLEGE OF AG LS
 8006005 1 T 2:10-3:00, ARRANGED LAMBERT M
 MEETS: JAN 13-MAY 8
 8006010 2 ARRANGED LAMBERT M
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
 1273005 1 T 12:40-2:00, ARRANGED DOLLISSO A
 MEETS: JAN 13-MAY 8
 1273600 XW ARRANGED DOLLISSO A
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <https://www.agonline.iastate.edu/resources/computer-requirements>

SURV AG&LIF SC COMM AGEDS 327 3 CREDITS
 Prereq: ENGL 250 OR EQUIVALENT
 9159005 1 TR 11:00-11:50 HANSON V
 F 1:10-3:00 HANSON V
 MEETS: JAN 13-MAY 8
 9159010 2 TR 11:00-11:50 HANSON V
 R 1:10-3:00 HANSON V
 MEETS: JAN 13-MAY 8

AG MECHAN APPLICATNS AGEDS 388 3 CREDITS
 6067005 1 M 12:10-2:00 HAINLINE M
 W 12:10-3:00 HAINLINE M
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO AG ST, AGLSE MAJORS ONLY
 6067010 2 M 12:10-2:00
 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN AG ST, AGLSE.
 6067015 3 M 9:00-11:50
 W 10:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO AG ST, AGLSE MAJORS ONLY
 6067020 4 M 9:00-11:50
 W 10:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 4 FOR MAJORS OTHER THAN AG ST, AGLSE.

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

COOPERATIVE EDUCATN AGEDS 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 1356005 1 ARRANGED DOBBELS N
 MEETS: JAN 13-MAY 8
 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 13-MAY 8

PRE-STDT TCHG EXPER AGEDS 416 1 CREDIT
 Prereq: AGEDS 211, AGEDS 402 AND ADMISSION TO
 TEACHER EDUC PROGRAM. CONCURRENT ENROLLMENT IN
 AGEDS 417 IS REQUIRED.
 1886005 1 ARRANGED MILLER G
 MEETS: JAN 13-MAY 8

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 2020
 1281005 1 ARRANGED SMALLLEY S
 MEETS: JAN 13-MAY 8

FARM MGMT&OPERATION AGEDS 450 3 CREDITS
 Prereq: ECON 235, ECON 230, JUNIOR CLASSIFICATION
 1386005 1 T 1:10-3:00 RINKER S
 W 1:10-5:00 RINKER S
 MEETS: JAN 13-MAY 8
 1386010 2 T 1:10-3:00 RINKER S
 R 1:10-5:00 RINKER S
 MEETS: JAN 13-MAY 8

AGRICULTURAL LAW AGEDS 451 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO JRS & SRS ONLY
 6798005 1 MWF 10:00-10:50 TIDGREN K
 MEETS: JAN 13-MAY 8

AG MKTG&COMM COMPET AGEDS 475 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 6063005 1 TR 4:10-5:00 RETALLICK M
 MEETS: JAN 13-MAY 8

MTHDS TCHG AG MECHN AGEDS 488 3 CREDITS
 5124005 1 M 2:10-5:00 HAINLINE M
 W 3:10-5:00 HAINLINE M
 MEETS: JAN 13-MAY 8

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

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

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

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

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

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

INDEP STUDY HONORS AGEDS 490H 1- 3 CREDITS
 Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION,
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION. COURSE RESTRICTED TO UNIVERSTIY
 HONORS STUDENTS.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

AG TRAVEL INTERNATL AGEDS 496A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 1516010 TH ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC TH PRE-TRAVEL THIALAND & TIWAN 2020
 OFFERED FOR 3 CREDITS SPRING 2020
 TRIP EXPENSES PAID BY STUDENT

AGRI TRAVEL DOMESTC AGEDS 496B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7499005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, ADVISER, &
 DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 8361005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTR RESEARCH AG ED AGEDS 510 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 6713005 1 ARRANGED MILLER G
 MEETS: JAN 13-MAY 8
 6713600 XW ARRANGED MILLER G
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <https://www.agonline.iastate.edu/resources/computer-requirements>

TEACH EDUC PRACTICM AGEDS 517 2- 6 CREDITS
 Prereq: AGEDS 590B, AGEDS 501, AGEDS 502,
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION
 PROGRAM
 8692005 1 ARRANGED SMALLLEY S
 MEETS: JAN 13-MAY 8

INSTRUCTIONL METHDS AGEDS 520 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 1299005 1 ARRANGED SMALLLEY S
 MEETS: JAN 13-MAY 8
 1299600 XW ARRANGED SMALLLEY S
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <https://www.agonline.iastate.edu/resources/computer-requirements>

INTR LRNG THRY AGED AGEDS 533 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 8005005 1 ARRANGED LAMBERT M
 MEETS: JAN 13-MAY 8
 8005600 XW ARRANGED LAMBERT M
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <https://www.agonline.iastate.edu/resources/computer-requirements>

QUALTV INTRVW&ANALY AGEDS 568X 3 CREDITS
 Prereq: GRADUATE STATUS
 0201005 1 ARRANGED GRUDENS-SCHUCK N
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 0201600 XW ARRANGED GRUDENS-SCHUCK N
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Cmptr reqmt: <https://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

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

METHODS WORKSHOP AGEDS 593B 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1318005 1 ARRANGED
 MEETS: JAN 13-MAY 8

WORKSHOP EVALUATION AGEDS 593C 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1319005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADMINISTRTRN WORKSHP AGEDS 593D 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1320005 1 ARRANGED
 MEETS: JAN 13-MAY 8

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1321005 1 ARRANGED
 MEETS: JAN 13-MAY 8

WORKSHOP EXTENSION AGEDS 593F 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1322005 1 ARRANGED
 MEETS: JAN 13-MAY 8

WRKSHP PROGRAM PLAN AGEDS 593G 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1323005 1 ARRANGED
 MEETS: JAN 13-MAY 8

WKSHP INSTR TECHNOL AGEDS 593H 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1890005 1 ARRANGED
 MEETS: JAN 13-MAY 8

WKSHP BIOTECHNOLOGY AGEDS 593M 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 6536005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

SEMNR GRANT WRITING AGEDS 615C 1 CREDIT
 Satisfactory-Fail Only.
 2945005 1 ARRANGED MILLER G
 MEETS: MARCH 9-MAY 8

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

LEADRS&SUPRVS AG ED AGEDS 625 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 1330005 1 M 2:10-5:00
 MEETS: JAN 13-MAY 8

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

AGRONOMY

PRO DEVEL:ORIENTATN AGRON 110 1 CREDIT
 Note: OFFERED FOR 1 CREDIT 2020
 1390005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTR RENEW RESOURCS AGRON 120 3 CREDITS
 1382005 1 MWF 12:10-1:00 SCHIELTZ J
 MEETS: JAN 13-MAY 8

CLIMATE&SOCIETY LAB AGRON 140L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR/AGRON/
 ENV S/GEOL 140X OR INSTRUCTOR PERMISSION
 0284005 1 W 11:00-1:00
 MEETS: JAN 13-MAY 8

WORLD WATER RESOURC AGRON 160 3 CREDITS
 Note: Meets international perspectives reqmt
 3243005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

INTRO CROP SCIENCE AGRON 181 3 CREDITS
 1914005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

INTRO SOIL SCIENCE AGRON 182 3 CREDITS
 Prereq: CHEM 163
 1946005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 1946010 2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

INTRO WEATHER&CLIMT AGRON 206 3 CREDITS
 1397005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

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

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 13-MAY 8
 Note: SEC 1 FOR MAJORS OTHER THAN AGRON
 8411010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN AGRON
 8411015 3 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO AGRON MAJORS ONLY
 8411020 4 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 4 RESTRICTED TO AGRON MAJORS ONLY

CROP DEVEL,PROD&MGT AGRON 280 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT, AGRON 182 OR
 EQUIVALENT
 1086005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

CROP PHYSIOLOGY AGRON 281 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT
 Note: COURSE RESTRICTED TO AGRON MAJORS ONLY
 1399005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

SOIL CNSRV&LAND USE AGRON 282 3 CREDITS
 Prereq: AGRON 182 OR EQUIVALENT
 Note: CREDIT IN EITHER AGRON 260 OR AGRON 282, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 1544005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

COOPERATIVE EDUCATN AGRON 298 R CREDIT
 Prereq: PERMISSION OF FACULTY MEMBER OR STUDENT'S
 ADVISER, SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 1401005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CROP STRUC-FUNC REL AGRON 316 3 CREDITS
 Prereq: BIOL 212 RECOMMENDED
 1406005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

GENET,AGRI&BIOTECHN AGRON 320 3 CREDITS
 Prereq: BIOL 212
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 1418005 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

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 13-MARCH 6
 1408010 2 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Instructor permission required.

FORAGE CROP MGMT AGRON 334 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT
 1409005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

WORLD FOOD ISSUES AGRON 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1402015 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 1402020 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 1402025 3 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 1402030 4 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

SOILS & PLANT GROWTH AGRON 354 3 CREDITS
 Prereq: AGRON 182 OR EQUIVALENT; BIOL 101
 1414005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

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 W 1:10-4:00
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$125.00
 8362010 2 T 12:40-3:30
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$125.00
 8362020 4 T 12:40-3:30
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 3989010 2 MW 9:00-9:50
 M 3:10-5:00
 MEETS: JAN 13-MAY 8
 3989015 3 MW 9:00-9:50
 W 1:10-3:00
 MEETS: JAN 13-MAY 8
 3989020 4 MW 9:00-9:50
 W 3:10-5:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 1417010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

SYST CROP&SOIL MGMT AGRON 392 3 CREDITS
 Prereq: AGRON 316 AND AGRON 354
 4515005 1 MW 1:10-2:00
 M 2:10-5:00
 MEETS: JAN 13-MAY 8
 Note: COURSE FEE: \$25.00

COOPERATIVE EDUCATN AGRON 398 R CREDIT
 Prereq: PERMISSION OF FACULTY MEMBER OR STUDENT'S
 ADVISER; JUNIOR CLASSIFICATION
 Satisfactory-Fail Only.
 1411005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

GLOBAL CHANGE AGRON 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING, JUNIOR CLASSIFICATION
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR ENSCA,
 ENSCS AND GE AT MAJORS ONLY
 8140005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

MESOSCALE METEORLGY AGRON 407 3 CREDITS
 Prereq: MATH 166, MTEOR 443
 1059005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

PRO DEVELP SR FORUM AGRON 410 1 CREDIT
 Prereq: SENIOR CLASSIFICATION; AGRON 210
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
 1428005 1 T 2:10-3:00
 MEETS: JAN 13-MAY 8

GIS FOR GEOSCIENTST AGRON 452 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 8577005 1 MW 3:10-4:00
 F 3:10-4:00
 MW 4:10-5:00
 MEETS: JAN 13-MAY 8

SOIL FORMATN&LANDSC AGRON 463 3 CREDITS
 Prereq: AGRON 182 (OR EQUIVALENT) OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR
 IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 1435005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 1435015 2 ARRANGED
 MEETS: JAN 13-MAY 8

SOIL FRM&LNDSCP LAB AGRON 463L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN AGRON 463
 1546005 1 T 2:10-5:00
 MEETS: JAN 13-MAY 8

SOIL PHYSICS AGRON 477 3 CREDITS
 Prereq: AGRON 182 OR EQUIVALENT. MATH 166 IS
 RECOMMENDED.
 3144005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

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

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

SEED SCI INTERNSHIP AGRON 491 1- 2 CREDITS
 Prereq: AGRON 338, ADVANCED APPROVAL AND
 PARTICIPATION OF EMPLOYER AND INSTRUCTOR
 Note: Instructor permission required.
 9369005 1 ARRANGED
 MEETS: JAN 13-MAY 8

AG INT'L TRAVL TOUR AGRON 496A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 9433800 AU ARRANGED MCDANIEL M
 MEETS: JAN 13-MAY 8
 Note: SEC AU TAUGHT IN AUSTRALIA. TOPIC: AGRICULTURAL
 PRODUCTION, BUSINESS AND TRADE IN AUSTRALIA
 STUDY ABROAD SPRING 2020 OFFERED FOR 1-2 CREDITS
 TRAVEL MARCH 12-23
 Study Abroad Administrative Fee Applies

COOPERATIVE EDUCATN AGRON 498 R CREDIT
 Prereq: PERMISSION OF FACULTY MEMBER OR STUDENT'S
 ADVISER; SENIOR CLASSIFICATION
 Satisfactory-Fail Only.
 1416005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CROP GROWTH & DEVELP AGRON 501 3 CREDITS
 Prereq: AGRON 181 OR EQUIVALENT, MATH 140,
 CHEM 163, BIOL 101
 6438600 XW ARRANGED ABENDROTH L
 MEETS: JAN 13-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY, MS PLANT BREEDING AND AGRONOMY GRADUATE
 CERTIFICATE ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS
 CONTACT ALLEN KNAPP (MSAGRON@IASTATE.EDU OR
 515.294.2999) FOR PERMISSION TO REGISTER.
 Study Abroad Administrative Fee Applies
 Section XW is off campus
 Course delivery is WWW
 Cmptpr 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 13-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY, MS PLANT BREEDING AND AGRONOMY GRADUATE
 CERTIFICATE ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS
 CONTACT ALLEN KNAPP (MSAGRON@IASTATE.EDU OR
 515.294.2999) FOR PERMISSION TO REGISTER.
 PROCTOR REQUIRED FOR ONLINE EXAMS.
 Course delivery is WWW
 Section XW is off campus
 Course delivery is WWW
 Cmptpr reqmt: <https://masters.agron.iastate.edu/home>

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

CLIMATE & CROP GRWTH AGRON 503 3 CREDITS
/techrequirements

GLOBAL CHANGE AGRON 504 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES
OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING
8143005 1 MWF 11:00-11:50
MEETS: JAN 13-MAY 8

MESOSCALE MTEOROLGY AGRON 507 3 CREDITS
Prereq: MATH 166 AND MTEOR 454
5266005 1 TR 9:30-10:50
MEETS: JAN 13-MAY 8

BIOPHYSCL CROP ECOL AGRON 508 3 CREDITS
Prereq: AGRON 505
1443005 1 MW 11:00-12:30
MEETS: JAN 13-MAY 8

CROP IMPROVEMENT AGRON 511 3 CREDITS
Prereq: AGRON 181 OR EQUIVALENT, MATH 140,
CHEM 163, BIOL 101
6455600 XW ARRANGED LEE D
MEETS: JAN 13-MAY 8
Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
MS AGRONOMY, MS PLANT BREEDING AND AGRONOMY GRADUATE
CERTIFICATE ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS
CONTACT ALLEN KNAPP (MSAGRON@IASTATE.EDU OR
515.294.2999) FOR PERMISSION TO REGISTER.
PROCTOR REQUIRED FOR ONLINE EXAMS.
Course delivery is WWW
Section XW is off campus
Course delivery is WWW
Cmpttr 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 13-MAY 8
Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
MS AGRONOMY, MS PLANT BREEDING AND AGRONOMY GRADUATE
CERTIFICATE ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS
CONTACT ALLEN KNAPP (MSAGRON@IASTATE.EDU OR
515.294.2999) FOR PERMISSION TO REGISTER.
PROCTOR REQUIRED FOR ONLINE EXAMS.
Section XW is off campus
Course delivery is WWW
Cmpttr 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 13-MAY 8
Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
MS AGRONOMY ONLINE DEGREE PROGRAM. ALL OTHER
MAJORS CONTACT ALLEN KNAPP (MSAGRON@IASTATE.EDU OR
515.294.2999) FOR PERMISSION TO REGISTER.
Course delivery is WWW
Section XW is off campus
Course delivery is WWW
Cmpttr 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 PILCHER C
MEETS: JAN 13-MAY 8
Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
MS AGRONOMY ONLINE DEGREE PROGRAMS. ALL OTHER
MAJORS CONTACT ALLEN KNAPP (MSAGRON@IASTATE.EDU OR
515.294.2999) FOR PERMISSION TO REGISTER.
Course delivery is WWW
Section XW is off campus
Course delivery is WWW
Cmpttr reqmt: <https://masters.agron.iastate.edu/home/techrequirements>

CROP PHYSIOLOGY AGRON 516 3 CREDITS
1444005 1 MWF 9:00-9:50 KNAPP A
MEETS: JAN 13-MAY 8

MICROWV REMOTE SENS AGRON 518 3 CREDITS
Prereq: MATH 265 OR EQUIVALENT
3075005 1 TR 11:00-12:30
MEETS: JAN 13-MAY 8

HERBICIDE PHY&BIOCH AGRON 519 2 CREDITS
Prereq: AGRON 316 OR EQUIVALENT, AGRON 317
1446005 1 ARRANGED
MEETS: JAN 13-MAY 8

PRIN CULTIVAR DEVEL AGRON 521 3 CREDITS
Prereq: AGRON 421; STAT 401
1447005 1 ARRANGED
MEETS: JAN 13-MAY 8

1447600 XW ARRANGED SINGH A
MEETS: JAN 13-MAY 8
Note: Section XW is off campus
Course delivery is WWW
Cmpttr reqmt: <https://www.agronline.iastate.edu/resources/computer-requirements>

MOLECLR PLANT BREED AGRON 523 3 CREDITS
Prereq: AGRON 421 OR AGRON 521, GDCC 542A
9206005 1 TR 8:00-9:20
MEETS: JAN 13-MAY 8

9206600 XW ARRANGED LUBBERSTEDT T
MEETS: JAN 13-MAY 8
Note: VISIT
[HTTPS://WWW.TESTCENTER.IASTATE.EDU/NEED-A-PROCTOR/](https://www.testcenter.iastate.edu/need-a-proctor/)
FOR MORE INFORMATION OR CONSULT YOUR INSTRUCTOR
Section XW is off campus
Course delivery is WWW
Cmpttr reqmt: <https://www.agronline.iastate.edu/resources/computer-requirements>

FIELD PLOT TECHNIQS AGRON 526 4 CREDITS
Prereq: STAT 401
1450005 1 TR 9:30-10:50
R 2:10-4:00
MEETS: JAN 13-MAY 8

QNTV GEN PLNT BREED AGRON 528 3 CREDITS
Prereq: AGRON 506 OR AGRON 513
1949005 1 MWF 12:10-1:00
MEETS: JAN 13-MAY 8

1949600 XW ARRANGED BEAVIS W
MEETS: JAN 13-MAY 8
Note: Section XW is off campus
Course delivery is WWW
Cmpttr reqmt: <https://www.agronline.iastate.edu/resources/computer-requirements>

HOST-PEST INTERACTN AGRON 544 3 CREDITS
Prereq: AGRON 501
6879600 XW ARRANGED SINGH A
MEETS: JAN 13-MAY 8
Note: Section XW is off campus
Course delivery is WWW
Cmpttr reqmt: <https://www.agronline.iastate.edu/resources/computer-requirements>

PERENNIAL GRASSES AGRON 551 2 CREDITS
Prereq: JUNIOR OR SENIOR OR GRAD CLASSIFICATION
OR PERMISSION OF INSTRUCTOR
1458005 1 MW 10:00-10:50
MEETS: JAN 13-MAY 8

GIS FOR GEOSCIENTST AGRON 552 3 CREDITS
Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
1490005 1 MW 3:10-4:00
F 3:10-4:00
MW 4:10-5:00
MEETS: JAN 13-MAY 8

SOIL-PLANT RELATION AGRON 553 3 CREDITS
Prereq: AGRON 354
1459005 1 MWF 2:10-3:00
MEETS: JAN 13-MAY 8

ENVIR SOIL MINERLGY AGRON 555 3 CREDITS
Prereq: AGRON 473, CHEM 178. RECOMMEND: GEOL 311.
2257005 1 MWF 9:00-9:50
MEETS: JAN 13-MAY 8

SOIL FORMATN&LANDSC AGRON 563 4 CREDITS
Prereq: AGRON 154 OR AGRON 260
Note: CREDIT FOR EITHER AGRON/ENSCI 563 OR
IA LL/AGRON/ENSCI 563I BUT NOT BOTH, MAY BE APPLIED
TOWARD GRADUATION
3237005 1 MWF 11:00-11:50
MEETS: JAN 13-MAY 8

3237015 2 ARRANGED
MEETS: JAN 13-MAY 8

SOIL PHYSICS AGRON 577 3 CREDITS
Prereq: RECOMMENDED: AGRON 154 AND MATH 166
1464005 1 MWF 10:00-10:50
MEETS: JAN 13-MAY 8

LAB MTHD SOIL PHYS AGRON 578 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN AGRON 477
OR AGRON 577
1465005 1 M 1:10-4:00
MEETS: JAN 13-MAY 8

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

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

AGRONOMIC SYS ANALY AGRON 591 3 CREDITS
 Prereq: AGRON 511, AGRON 513, AGRON 531,
 AGRON 532, AGRON 533
 2042600 XW ARRANGED LICHT M
 MEETS: JAN 13-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY ONLINE DEGREE PROGRAMS. ALL OTHER
 MAJORS CONTACT ALLEN KNAPP (MSAGRON@IASTATE.EDU OR
 515.294.2999) FOR PERMISSION TO REGISTER.
 Department permission required.
 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 KWAW-MENSAH D
 MEETS: JAN 13-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY ONLINE DEGREE PROGRAMS. ALL OTHER
 MAJORS CONTACT ALLEN KNAPP (MSAGRON@IASTATE.EDU OR
 515.294.2999) FOR PERMISSION TO REGISTER.
 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 1 ARRANGED
 MEETS: JAN 13-MAY 8

CR COMP CROP PRD&PH AGRON 599B VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1473005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1474005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 1474010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 1474600 XA ARRANGED
 MEETS: JAN 13-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS PLANT BREEDING ONLINE DEGREE PROGRAM AT ISU.
 CONTACT THE MICHELLE ZANDER AT 515-294-7656.
 Department permission required.
 Section XA is off campus
 Course delivery is Independent study

CRTV COMP SOIL CHEM AGRON 599D VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1475005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1476005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CRTV COMPN SOIL MGT AGRON 599F VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1477005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CR COMP SOIL MICROB AGRON 599G VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1478005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CR COMP SOIL MORPHO AGRON 599H VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1479005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CR COMP SOIL PHYSCS AGRON 599I VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1480005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CRTV COMP SEED SCI AGRON 599K VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1639005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CRTV COMP WEED SCI AGRON 599L VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 1649005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CREATV COMPON AGRON AGRON 599M VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 Satisfactory-Fail Only.
 6508600 XA ARRANGED
 MEETS: JAN 13-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY ONLINE DEGREE PROGRAMS. ALL OTHER
 MAJORS CONTACT ALLEN KNAPP (MSAGRON@IASTATE.EDU OR
 515.294.2999) FOR PERMISSION TO REGISTER.
 Instructor permission required.
 Section XA is off campus
 Course delivery is Independent study

6508605 XB ARRANGED KWAW-MENSAH D
 MEETS: JAN 13-MAY 8
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE
 MS AGRONOMY ONLINE DEGREE PROGRAMS. ALL OTHER
 MAJORS CONTACT ALLEN KNAPP (MSAGRON@IASTATE.EDU OR
 515.294.2999) FOR PERMISSION TO REGISTER.
 Instructor permission required.
 Section XB is off campus
 Course delivery is WWW

SMNR: PLANT BREEDING AGRON 600A 1 CREDIT
 Satisfactory-Fail Only.
 1481005 1 W 4:10-5:00
 MEETS: JAN 13-MAY 8

SEMINAR: SOILS AGRON 600B 1 CREDIT
 1482005 1 W 4:10-5:00
 MEETS: JAN 13-MAY 8

AGRONMC SCI PRESNTN AGRON 601 2 CREDITS
 Prereq: GRADUATE STATUS IN AGRONOMIC SCIENCE,
 PERMISSION OF INSTRUCTOR
 9551005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

ADV PLANT BREEDING AGRON 621 3 CREDITS
 Prereq: AGRON 521, AGRON 526, AGRON 561; GEN 410
 1488005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

GENET STRAT PLT BRD AGRON 625 3 CREDITS
 Prereq: AGRON 521, GDCB 510
 1489005 1 MW 11:00-12:20
 MEETS: JAN 13-MAY 8

DIGITL SOIL MAPPING AGRON 665X 3 CREDITS
 0390005 1 TR 4:10-5:30
 MEETS: JAN 13-MAY 8

RESEARCH SEMINAR AGRON 696 1 CREDIT
 Satisfactory-Fail Only.
 8829005 1 W 4:10-5:30 BASSHAM D
 MEETS: JAN 13-MAY 8

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

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

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

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

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

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

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

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

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

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

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

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

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 1 MWR 6:30-7:30
 T 6:30-7:30
 MEETS: JAN 13-MAY 8

FOUND U S AIR FORCE AFAS 142 1 CREDIT
 1261005 1 T 9:00-9:50
 MEETS: JAN 13-MAY 8
 1261010 2 W 1:10-2:00
 MEETS: JAN 13-MAY 8

BASIC LDRSH LAB&TRN AFAS 203 2 CREDITS
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Satisfactory-Fail Only.
 7317005 1 MWR 6:30-7:30
 T 6:30-7:30
 MEETS: JAN 13-MAY 8

INTMD LDRSH LAB&TRN AFAS 303 2 CREDITS
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Satisfactory-Fail Only.
 7383005 1 MWR 6:30-7:30
 T 6:30-7:30
 MEETS: JAN 13-MAY 8

AIR F LDRSHP STU II AFAS 342 3 CREDITS
 Prereq: AFAS 341
 1265005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

ADV LDRSHP LAB&TRNG AFAS 403 2 CREDITS
 Prereq: MEMBERSHIP AS A CADET IN AFROTC
 Satisfactory-Fail Only.
 7388005 1 MWR 6:30-7:30
 T 6:30-7:30
 MEETS: JAN 13-MAY 8

NATIONAL SECURITY AFAS 442 3 CREDITS
 Note: Meets international perspectives reqmt
 1267005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

AMERICAN INDIAN STUDIES

NATV PEOPL AM CULTR AM IN 201X 3 CREDITS
 Note: Meets U.S. diversity reqmt
 0181005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 0181010 2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 0181015 3 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

INTR AM INDIAN STDI AM IN 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 1506005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

FED INDIAN LAW&PLCY AM IN 311 3 CREDITS
 Prereq: AM IN 210 RECOMMENDED
 Note: Meets U.S. diversity reqmt
 9438005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

NATIV LAND,WTR,RSRC AM IN 313 3 CREDITS
 Prereq: AM IN 210 RECOMMENDED
 Note: Meets U.S. diversity reqmt
 2150005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

WMN&GNDR NATV SOCIE AM IN 318X 3 CREDITS
 Prereq: AM IN 210 OR AM IN 201X OR WGS 201 OR
 WGS 160
 Note: Meets U.S. diversity reqmt
 0274005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

HLTH&NATV AM CMUNTI AM IN 324X 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 0275005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 9367010 2 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 8
 9367015 3 MTWR 11:00-11:50
 MEETS: JAN 13-MAY 8
 9367600 XW ARRANGED TOULAN D
 MEETS: JAN 13-MAY 8
 Note: STUDENTS ARE EXPECTED TO CONCLUDE UP TO 1
 SYNCHRONOUS ONLINE LANGUAGE PRACTICE SESSION PER
 WEEK WITH A LANGUAGE MENTOR. EACH SESSION WILL TAKE
 UP TO 30 MINUTES OF YOUR TIME. THE MEETINGS WILL BE
 VIA AN ONLINE WEB MEETING APPLICATION AT A TIME
 MUTUALLY AGREEABLE BETWEEN THE STUDENT AND MENTOR.
 STUDENTS ARE ALSO EXPECTED TO PURCHASE A LICENSE TO
 GOREACT WORTH \$30 AFTER THE START OF THE COURSE.
 MORE DETAILS WILL BE IN THE CANVAS COURSE PAGE.
 Section XW is off campus
 Course delivery is WWW

INTM AM SIGN LNG II ASL 202 4 CREDITS

Prereq: ASL 201 OR EQUIVALENT
 9374005 1 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 8

TOPICS DEAF CULTURE ASL 275 3 CREDITS

Note: Meets U.S. diversity reqmt
 9396005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

ANIMAL ECOLOGY

PRIN WLDLDF&F CONSRV A ECL 231X 3 CREDITS

Prereq: BIOL 211, BIOL 212, NREM 120
 0322005 1 MWF 10:00-10:50 SYLVIA A
 MEETS: JAN 13-MAY 8

FISH BIOLOGY A ECL 321 3 CREDITS

Prereq: A ECL 365
 1064010 1 MW 9:00-9:50 ROE K
 M 3:10-6:00PM ROE K
 MEETS: JAN 13-MAY 8

NAT HIST IOWA VERTE A ECL 366 3 CREDITS

Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
 2722005 1 MW 10:00-10:50 STEWART T
 T 9:00-11:50 STEWART T
 MEETS: JAN 13-MAY 8
 2722010 2 MW 10:00-10:50 STEWART T
 R 9:00-11:50 STEWART T
 MEETS: JAN 13-MAY 8
 2722015 3 MW 10:00-10:50 STEWART T
 F 10:00-12:50 STEWART T
 MEETS: JAN 13-MAY 8

INTR AQUAT ANIM MED A ECL 401 1 CREDIT

6184005 1 T 7:10-9:00PM
 MEETS: MARCH 9-MAY 8

AQUACULTURE A ECL 442 3 CREDITS

Prereq: BIOL 211, BIOL 212
 1071005 1 MWF 1:10-2:00 MORRIS J
 MEETS: JAN 13-MAY 8

WILDLIFE ECOL &MGMT A ECL 451 3 CREDITS

Prereq: A ECL 371
 1081005 1 F 9:00-9:50 SYLVIA A
 MW 8:00-9:50 SYLVIA A
 MEETS: JAN 13-MAY 8

PRIN WILDLIF DISEAS A ECL 454 3 CREDITS

Prereq: JUNIOR STANDING AND AT LEAST 10 CREDITS
 IN BIOLOGICAL SCIENCES AT THE 300+ LEVEL
 8930005 1 MWF 11:00-11:50 BLANCHONG J
 MEETS: JAN 13-MAY 8

ORNITHOLOGY A ECL 458 2 CREDITS

Prereq: A ECL 365 OR BIOL 351
 2766005 1 MW 10:00-10:50 DINSMORE S
 MEETS: JAN 13-MAY 8

ORNITHOLOGY LAB A ECL 458L 1 CREDIT

Prereq: BIOL 351 OR BIOL 365 OR A ECL 365;
 CONCURRENT ENROLLMENT IN A ECL 458 OR BIOL 458 REQ'D
 Note: STUDENTS NEED TO BE CONCURRENTLY ENROLLED IN
 A ECL/BIOL 458 OR HAVE PREVIOUSLY TAKEN A ECL/BIOL
 458. STUDENTS CANNOT TAKE THE LAB WITHOUT THE LEC.
 9657005 1 T 7:00-9:50 DINSMORE S
 MEETS: JAN 13-MAY 8
 9657010 2 W 7:00-9:50 DINSMORE S
 MEETS: JAN 13-MAY 8

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 13-MAY 8

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 13-MAY 8
 9659010 2 W 9:00-11:50 RENTZ M
 MEETS: JAN 13-MAY 8
 9659015 3 R 9:00-11:50 RENTZ M
 MEETS: JAN 13-MAY 8

INTRO CONSERVA BIOL A ECL 471 3 CREDITS
 Prereq: BIOL 312
 0095005 1 MWF 1:10-2:00 SCHIELTZ J
 MEETS: JAN 13-MAY 8

AVIAN ECOLOGY A ECL 516 3 CREDITS
 Prereq: A ECL 312, A ECL 365, OR GRAD STANDING
 Note: Instructor permission required 1st week.
 8094005 1 MW 3:10-4:30
 MEETS: JAN 13-MAY 8

CONSERVATION BIOLGY A ECL 531 3 CREDITS
 Prereq: A ECL 312 OR BIOL 312; BIOL 313
 OR GRADUATE STANDING
 1280005 1 MWF 1:10-2:00 KLAVER R
 MEETS: JAN 13-MAY 8

AQUACULTURE A ECL 542 3 CREDITS
 Prereq: BIOL 211, BIOL 212
 1100005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

PRIN WILDLIF DISEAS A ECL 554 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 8934005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

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

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

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

ANIMAL SCIENCE

WORKNG WITH ANIMALS AN S 101 2 CREDITS
 1527005 1 W 10:00-10:50
 F 8:00-9:50
 MEETS: JAN 13-MAY 8
 1527010 2 W 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 8
 1527015 3 W 10:00-10:50
 F 12:10-2:00
 MEETS: JAN 13-MAY 8
 1527020 4 W 10:00-10:50
 F 2:10-4:00
 MEETS: JAN 13-MAY 8

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

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 9-MAY 8
 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 13-MAY 8
 1621010 2 W 3:10-5:00
 MEETS: JAN 13-MAY 8

ISSUES FACING AN S AN S 211 1 CREDIT
 Prereq: 114, SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 1542005 1 T 4:10-6:00PM
 MEETS: JAN 13-MAY 8

ANIMAL SCIENCE (CONTINUED)

DOMEST ANIM PHYSIOL AN S 214 3 CREDITS
 Prereq: BIOL 212, CHEM 163 OR CHEM 177
 1521005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

DOM AN ANAT&PHY LAB AN S 214L 1 CREDIT
 1545005 1 T 10:00-11:50
 MEETS: JAN 13-MAY 8
 1545010 2 T 12:10-2:00
 MEETS: JAN 13-MAY 8
 1545015 3 T 2:10-4:00
 MEETS: JAN 13-MAY 8
 1545020 4 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 1545025 5 R 12:10-2:00
 MEETS: JAN 13-MAY 8

EQUINE SCIENCE AN S 216 3 CREDITS
 Prereq: 101 OR 114; ONE COURSE IN BIOLOGY
 4825005 1 TR 9:00-9:50
 M 12:10-2:00
 MEETS: JAN 13-MAY 8
 4825010 2 TR 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 13-MAY 8
 4825015 3 TR 9:00-9:50
 M 10:00-11:50
 MEETS: JAN 13-MAY 8

EQUINE FARM PRACTCM AN S 217 2 CREDITS
 Prereq: AN S 116 OR EQUIVALENT EXPERIENCE,
 CREDIT OR ENROLLMENT IN AN S 216
 1690005 1 T 9:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 8

COMPANION ANIM SCI AN S 224 3 CREDITS
 Prereq: COURSE IN BIOLOGY
 8087005 1 MW 2:10-3:00
 R 8:00-9:50
 MEETS: JAN 13-MAY 8
 8087010 2 MW 2:10-3:00
 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Materials, field trips &/or travel fee \$25.00
 8087015 3 MW 2:10-3:00
 R 12:10-2:00
 MEETS: JAN 13-MAY 8
 8087020 4 MW 2:10-3:00
 R 2:10-4:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 1725010 1B MF 10:00-10:50
 W 8:00-9:50
 MEETS: JAN 13-MAY 8
 1725015 2A MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 13-MAY 8
 1725020 2B MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 13-MAY 8
 1725025 3A MF 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 13-MAY 8
 1725030 3B MF 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 13-MAY 8
 1725035 4A MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 13-MAY 8
 1725040 4B MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 13-MAY 8

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 8:00-9:50
 MEETS: JAN 13-MAY 8
 1726010 1B MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 13-MAY 8
 1726015 2A MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 1726020 2B MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 1726025 3A MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 13-MAY 8
 1726030 3B MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 13-MAY 8

ANIMAL SCIENCE		(CONTINUED)	
BEEF CATTLE SCIENCE	AN S 226	3 CREDITS	
1726035 4A	MW 1:10-2:00 R 8:00-9:50 MEETS: JAN 13-MAY 8		
1726040 4B	MW 1:10-2:00 R 8:00-9:50 MEETS: JAN 13-MAY 8		
SHEEP SCIENCE	AN S 229	3 CREDITS	
1727005 1	Prereq: 114, 101 MW 11:00-11:50 T 10:00-11:50 MEETS: JAN 13-MAY 8		
1727015 2A	MW 11:00-11:50 T 12:10-2:00 MEETS: JAN 13-MAY 8		
FOODS ANIMAL ORIGIN	AN S 270	2 CREDITS	
1524005 1	Prereq: BIOL 212, CHEM 163 OR CHEM 177 TR 8:00-8:50 MEETS: JAN 13-MAY 8		
FOODS ANIM ORIG LAB	AN S 270L	1 CREDIT	
7169005 1	Prereq: CREDIT OR CURRENT ENROLLMENT IN AN S 270 W 8:00-9:50 MEETS: JAN 13-MAY 8		
7169010 2	W 10:00-11:50 MEETS: JAN 13-MAY 8		
7169015 3	Note: Materials, field trips &/or travel fee \$160.00 W 12:10-2:00 MEETS: JAN 13-MAY 8		
EQUINE EVALUATION	AN S 306	3 CREDITS	
3582005 1	Prereq: SOPH CLASSIFICATN OR INSTRUCTOR PERMISSN TR 11:00-12:15 ARRANGED MEETS: JAN 13-MAY 8		
ANIML EXERC PHYSIOL	AN S 313	2 CREDITS	
9447600 XW	Prereq: 214, BIOL 211, ONE COURSE IN CHEMISTRY ARRANGED AUFERDA P MEETS: JAN 13-MAY 8 Note: Section XW is off campus Course delivery is WWW Cmptr reqmt: https://www.agonline.iastate.edu/resources/computer-requirements		
ANIMAL NUTRITION	AN S 319	3 CREDITS	
1529005 1	Prereq: 214, COURSE IN ORGANIC CHEM OR BIOCHEM MWF 11:00-11:50 MEETS: JAN 13-MAY 8		
ANIML FEEDS&FEEDING	AN S 320	3 CREDITS	
1635005 1	Prereq: 319 MW 8:00-8:50 F 8:00-9:50 MEETS: JAN 13-MAY 8		
1635010 2	MW 8:00-8:50 F 10:00-11:50 MEETS: JAN 13-MAY 8		
1635015 3	MW 8:00-8:50 F 12:10-2:00 MEETS: JAN 13-MAY 8		
DOMSTC ANIM REPRODU	AN S 331	3 CREDITS	
1531005 1	Prereq: AN S 214, OR BIOL 255 AND BIOL 256, OR BIOL 335, OR B M S 329 TR 8:00-9:20 MEETS: JAN 13-MAY 8		
ANIM REPROD LAB MTH	AN S 332A	1 CREDIT	
1532005 1	Prereq: CREDIT OR ENROLLMENT IN AN S 331 W 2:10-5:00 MEETS: JAN 13-MAY 8		
LAB MTH REPRO:EQUIN	AN S 332E	1 CREDIT	
2368005 1	MW 7:30-9:00 MEETS: JAN 13-MAY 8		
DAIRY CATTLE EVALUA	AN S 335	3 CREDITS	
1533005 1	Prereq: SOPHOMORE CLASSIFICATION TR 4:10-5:00 TR 2:10-4:00 MEETS: JAN 13-MAY 8		
LACTATION	AN S 337	3 CREDITS	
1711005 1	Prereq: 214 TR 11:00-12:15 MEETS: JAN 13-MAY 8		
GRWTH&DEV DOMEST AN	AN S 345	3 CREDITS	
4478005 1	Prereq: 214; BIOL 313 OR GEN 320 MWF 2:10-3:00 MEETS: JAN 13-MAY 8		

ANIMAL SCIENCE		(CONTINUED)	
GENET IMPRV DOM ANI	AN S 352	3 CREDITS	
1534010 1	Prereq: ONE COURSE IN STATISTICS, BIOL 211/201, COURSE IN GENETICS MW 9:00-9:50 T 8:00-9:50 MEETS: JAN 13-MAY 8		
1534015 2	MW 9:00-9:50 T 10:00-11:50 MEETS: JAN 13-MAY 8		
1534020 3	MW 9:00-9:50 T 12:10-2:00 MEETS: JAN 13-MAY 8		
1534025 4	MW 9:00-9:50 T 2:10-4:00 MEETS: JAN 13-MAY 8		
TP ADV SWINE BREEDI	AN S 380A	1 CREDIT	
7339600 XG	Prereq: AN S 225, OR AN S 280X AND AN S 280L ARRANGED MEETS: JAN 6-APR 23 Note: CONTACT GPIDEA COORDINATOR TO ENROLL. CASEY SMITH OR MICHELLE ZANDER, AGONLINESERVICES@IASTATE.EDU OR 800-747-4478. Course delivery is WWW Section XG is off campus Course delivery is WWW Tuition Category: GPIDEA Consortium Cmptr reqmt: https://www.agonline.iastate.edu/resources/computer-requirements		
TP ADV SWIN FRW MGT	AN S 380D	1 CREDIT	
7361600 XG	Prereq: AN S 225, OR AN S 280X AND AN S 280L ARRANGED MEETS: JAN 21-MAY 8 Note: CONTACT GPIDEA COORDINATOR TO ENROLL. CASEY SMITH OR MICHELLE ZANDER, AGONLINESERVICES@IASTATE.EDU OR 800-747-4478. Tuition Category: GPIDEA Consortium Section XG is off campus Course delivery is WWW Tuition Category: GPIDEA Consortium Cmptr reqmt: https://www.agonline.iastate.edu/resources/computer-requirements		
TP ADV SWINE MARKTG	AN S 380F	1 CREDIT	
7380600 XG	Prereq: AN S 225, OR AN S 280X AND AN S 280L ARRANGED MEETS: JAN 6-APR 23 Note: CONTACT GPIDEA COORDINATOR TO ENROLL. CASEY SMITH OR MICHELLE ZANDER, AGONLINESERVICES@IASTATE.EDU OR 800-747-4478. Tuition Category: GPIDEA Consortium Section XG is off campus Course delivery is WWW Tuition Category: GPIDEA Consortium Cmptr reqmt: https://www.agonline.iastate.edu/resources/computer-requirements		
TP ADV SWIN NRS MGT	AN S 380G	1 CREDIT	
7410600 XG	Prereq: AN S 225, OR AN S 280X AND AN S 280L ARRANGED MEETS: JAN 6-APR 23 Note: CONTACT GPIDEA COORDINATOR TO ENROLL. CASEY SMITH OR MICHELLE ZANDER, AGONLINESERVICES@IASTATE.EDU OR 800-747-4478. Tuition Category: GPIDEA Consortium Section XG is off campus Course delivery is WWW Tuition Category: GPIDEA Consortium Cmptr reqmt: https://www.agonline.iastate.edu/resources/computer-requirements		
ANIM SCI INTERNSHIP	AN S 399A	2- 6 CREDITS	
1538005 1	Prereq: PERMISSION OF THE INSTRUCTOR ARRANGED MEETS: JAN 13-MAY 8		
SUPERV'D INTERNSHIP	AN S 399B	R CREDIT	
2258005 1	Prereq: PERMISSION OF INTERNSHIP COORDINATOR ARRANGED MEETS: JAN 13-MAY 8		
ISSUES ANIMAL SCIEN	AN S 411	1 CREDIT	
1713005 1	Prereq: SENIOR CLASSIFICATION IN AN S T 4:10-6:00PM MEETS: JAN 13-MAY 8		
EQUINE SYSTEMS MGMT	AN S 415	3 CREDITS	
8779005 1	Prereq: 216, 319, 320, 331 TR 1:10-2:00 W 10:00-11:50 MEETS: JAN 13-MAY 8 Note: Instructor permission required.		
8779010 2	TR 1:10-2:00 W 12:10-2:00 MEETS: JAN 13-MAY 8		
8779015 3	TR 1:10-2:00 W 2:10-4:00 MEETS: JAN 13-MAY 8		

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

COMPAN ANIM SYS MGT AN S 424 3 CREDITS
 Prereq: 224, 319, 320, 331, 352
 Note: COURSE RESTRICTED TO AN S, DY S, GENPV MAJORS ONLY

1803005 1 MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 13-MAY 8

1803010 2 MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 13-MAY 8

BF FEEDLOT SYST MGT AN S 426 3 CREDITS
 Prereq: AN S 226, AN S 270, AN S 270L, AN S 320.
 RECOMMENDED: ECON 230 OR EQUIVALENT.
 Note: COURSE RESTRICTED TO AN S, DY S, GENPV MAJORS ONLY

1550005 1 MW 8:00-8:50
 M 10:00-11:50
 MEETS: JAN 13-MAY 8

SHEEP SYSTEMS MGT AN S 429 3 CREDITS
 Prereq: 229; 319; 320; 331; 352. AGRON 334 IS
 RECOMMENDED. ECON 230 OR EQUIVALENT IS RECOMMENDED.

1551005 1 TR 10:00-10:50
 R 2:10-4:00
 MEETS: JAN 13-MAY 8

APP DAIRY FARM EVAL AN S 435 3 CREDITS
 Prereq: 434, ECON 230

8618005 1 MW 1:10-2:00
 F 8:00-9:50
 MEETS: JAN 13-MAY 8

INT'L ANIMAL AGRICU AN S 441 3 CREDITS
 Prereq: CREDIT IN TWO OF THE FOLLOWING COURSES:
 AN S 223, AN S 225, AN S 226, AN S 229, AN S 235
 Note: Meets international perspectives reqmt

9246005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

PROCESSED MEATS AN S 460 3 CREDITS
 Prereq: 270, 270L

1555010 1 MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 13-MAY 8

1555015 2 MW 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 13-MAY 8

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

1556005 1 ARRANGED
 MEETS: JAN 13-MAY 8

JUDGNG DAIRY CATTLE AN S 475B 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION

1557005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

1558005 1 ARRANGED
 MEETS: JAN 13-MAY 8

JUDG MEAT ANIM EVAL AN S 475D 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION

1559005 1 MW 3:10-5:00
 MEETS: JAN 13-MAY 8

INTCOLL JUDG MGT SY AN S 475F 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION

1728008 1 ARRANGED
 MEETS: JAN 13-MAY 8

PORK INDU LDR FELLW AN S 480C 1 CREDIT
 Prereq: 225, INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.

4509005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

ISSUES FOOD SAFETY AN S 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS
 HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403

8348005 1 M 2:10-3:00
 MEETS: JAN 13-MAY 8

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

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

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

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 13-MAY 8
 Note: SEC NL - PRE-TRAVEL TO THE NETHERLANDS
 SUMMER 2020
 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 13-MAY 8

DIGESTV PHYSL RUMIN AN S 520 3 CREDITS
 Prereq: 419 OR NUTRS 501

1573005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PHYSL&ENDOCRN REPRO AN S 533 2 CREDITS
 Prereq: GENERAL PHYSIOLOGY COURSE

1574005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PERINATOLOGY AN S 536 2 CREDITS
 Prereq: ONE COURSE IN PHYSIOLOGY; ONE COURSE IN
 BIOCHEMISTRY

1782005 1 ARRANGED
 MEETS: JAN 13-MAY 8

LIVESTK IMMUNOGENET AN S 540 2 CREDITS
 Prereq: 561 OR MICRO 575 OR V MPM 520

1576005 1 ARRANGED
 MEETS: JAN 13-MAY 8

TOPICS GENOME ANALY AN S 556 3 CREDITS
 Prereq: BBMB 405 OR GDCEB 510

2050005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

PROCESSED MEATS AN S 560 3 CREDITS
 Prereq: 270

1730005 1 MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 13-MAY 8

1730010 2 MW 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 13-MAY 8

LINEAR MOD&GEN PRED AN S 562A 2 CREDITS
 Prereq: 561, STAT 402

2352005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

ADV GEN PREDI&PARAM AN S 562B 2 CREDITS
 Prereq: 561, STAT 402
 7577005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

VITAMINS & MINERALS AN S 618 2 CREDITS
 Prereq: BIOCHEMISTRY, PHYSIOLOGY, BASIC NUTRITION
 4279005 1 TR 10:00-10:50
 MEETS: JAN 13-MAY 8

SEMNR ANIMAL REPROD AN S 633 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 1596005 1 ARRANGED
 MEETS: JAN 13-MAY 8

AN BREEDG GOALS&SEL AN S 652A 2 CREDITS
 Prereq: 561
 Note: Instructor permission required 1st week.
 1598005 1 ARRANGED
 MEETS: JAN 13-MAY 8

DSIGN&EV BREED PROG AN S 652B 2 CREDITS
 Prereq: 561
 7584005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SEM AN BREEDG&GENET AN S 658 1 CREDIT
 7083005 1 T 2:10-3:00
 MEETS: JAN 13-MAY 8

SEMINAR MEAT SCIENC AN S 684 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1604005 1 T 12:10-1:00
 MEETS: JAN 13-MAY 8

SEMINAR ANIMAL SCI AN S 695 1 CREDIT
 Satisfactory-Fail Only.
 7289005 1 F 3:10-4:00
 MEETS: JAN 13-MAY 8

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

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

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

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

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

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 13-MAY 8

1615010 2 MW 10:00-10:50
 W 12:10-1:00
 MEETS: JAN 13-MAY 8

1615015 3 MW 10:00-10:50
 W 1:10-2:00
 MEETS: JAN 13-MAY 8

1615020 4 MW 10:00-10:50
 W 2:10-3:00
 MEETS: JAN 13-MAY 8

1615025 5 MW 10:00-10:50
 W 3:10-4:00
 MEETS: JAN 13-MAY 8

1615030 6 MW 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 13-MAY 8

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

1615040 8 MW 10:00-10:50
 R 11:00-11:50
 MEETS: JAN 13-MAY 8

1615045 9 MW 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 13-MAY 8

1615600 XW ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

1615050 10 MW 10:00-10:50
 R 1:10-2:00
 MEETS: JAN 13-MAY 8

1615055 11 MW 10:00-10:50
 R 2:10-3:00
 MEETS: JAN 13-MAY 8

1615060 12 MW 10:00-10:50
 W 12:10-1:00
 MEETS: JAN 13-MAY 8

INTR BIOL AN&ARCHEO ANTHR 202 3 CREDITS
 1616005 1 MW 9:00-9:50
 M 10:00-10:50
 MEETS: JAN 13-MAY 8

1616010 2 MW 9:00-9:50
 M 11:00-11:50
 MEETS: JAN 13-MAY 8

1616015 3 MW 9:00-9:50
 M 12:10-1:00
 MEETS: JAN 13-MAY 8

1616020 4 MW 9:00-9:50
 M 1:10-2:00
 MEETS: JAN 13-MAY 8

1616025 5 MW 9:00-9:50
 M 2:10-3:00
 MEETS: JAN 13-MAY 8

1616600 XW ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

WIGTON M

ANTHROPOLOGY (CONTINUED)

ANTHROPOLOGY (CONTINUED)

GLOBAL SUSTAINABLTY ANTHR 220 3 CREDITS
 Note: T SC 220/ANTHR 220/ENV S 220/GLOBE 220/MAT E 220/
 M E 220/SOC 220 MAY NOT BE APPLIED AS TECHNICAL
 ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 3753005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

GLOBALZAT&HUMN COND ANTHR 230 3 CREDITS
 Note: Meets international perspectives reqmt
 7017005 1 MWF 12:10-1:30
 MEETS: JAN 13-MAY 8
 7017600 XW ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

CULTURL ANTHROPOLGY ANTHR 306 3 CREDITS
 Prereq: 201
 Note: Meets international perspectives reqmt
 1617005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 1618010 2 TR 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 8
 1618015 3 TR 10:00-10:50
 F 12:10-2:00
 MEETS: JAN 13-MAY 8
 1618020 4 TR 10:00-10:50
 F 2:10-4:00
 MEETS: JAN 13-MAY 8

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

SKELETAL BIOLOGY ANTHR 319 3 CREDITS
 Prereq: 307 OR COLLEGE LEVEL BIOL REQUIRED
 2754005 1 MW 2:10-3:00
 T 4:10-6:00PM
 MEETS: JAN 13-MAY 8
 2754010 2 MW 2:10-3:00
 R 4:10-6:00PM
 MEETS: JAN 13-MAY 8

WORLD PREHISTORY ANTHR 321 3 CREDITS
 Prereq: 202 RECOMMENDED
 2083005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

HLTH&NATV AM CMUNTI ANTHR 324X 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 0276005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

MAGIC,WITHC,&RELIG ANTHR 340 3 CREDITS
 Prereq: 201 OR 306
 Note: Meets international perspectives reqmt
 1634005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 1634600 XW ARRANGED DEININGER M
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

WAR&HUMNTRN POLITCS ANTHR 354 3 CREDITS
 Prereq: POL S 235 OR POL S 251 OR ANTHR 210
 OR ANTHR 230
 Note: Meets international perspectives reqmt
 5550005 1 MWF 11:00-11:50 GABIAM N
 MEETS: JAN 13-MAY 8

ROMN ARCHAE TO400CE ANTHR 376C 3 CREDITS
 Note: Meets international perspectives reqmt
 1151005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

INTERNSHIP ARCHAEO ANTHR 434A 2- 6 CREDITS
 Prereq: JUNIOR OR SENIOR STANDING
 Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE
 MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434
 MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS
 FOR THE MAJOR OR FOR THE ANTHR MINOR.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP CULTRL A ANTHR 434B 2- 6 CREDITS
 Prereq: JUNIOR OR SENIOR STANDING
 Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE
 MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434
 MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS
 FOR THE MAJOR OR FOR THE ANTHR MINOR.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP BIOLOGC A ANTHR 434C 2- 6 CREDITS
 Prereq: JUNIOR OR SENIOR STANDING
 Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE
 MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434
 MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS
 FOR THE MAJOR OR FOR THE ANTHR MINOR.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP LINGUIS A ANTHR 434D 2- 6 CREDITS
 Prereq: JUNIOR OR SENIOR STANDING
 Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE
 MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434
 MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS
 FOR THE MAJOR OR FOR THE ANTHR MINOR.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

PRACTICUM CULTURAL A ANTHR 451B 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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ARCHAEO ANTHR 490A 1- 5 CREDITS
 Prereq: 9 CREDITS IN ANTHROPOLOGY
 Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
 APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CULTR ANTHR ANTHR 490B 1- 5 CREDITS
 Prereq: 9 CREDITS IN ANTHROPOLOGY
 Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
 APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU BIOL ANTHRO ANTHR 490C 1- 5 CREDITS
 Prereq: 9 CREDITS IN ANTHROPOLOGY
 Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
 APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LING ANTHR ANTHR 490D 1- 5 CREDITS
 Prereq: 9 CREDITS IN ANTHROPOLOGY
 Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
 APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ANTHR 490H 1- 5 CREDITS
 Prereq: 9 CREDITS IN ANTHROPOLOGY, MEMBERSHIP IN
 THE HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
 APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEORETCL CULT ANTH ANTHR 510 3 CREDITS
 Prereq: 6 CREDITS IN ANTHROPOLOGY
 Note: Instructor permission required 1st week.
 1647005 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 2760010 2 MW 2:10-3:00
 R 4:10-6:00PM
 MEETS: JAN 13-MAY 8

WORLD PREHISTORY ANTHR 521 3 CREDITS
 Prereq: 202 RECOMMENDED
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 2088005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

ANTHROPOLOGY (CONTINUED)

MAGIC,WITHC,&RELIG ANTHR 540 3 CREDITS
 Prereq: 6 CR IN ANTHR; 201 OR 306 RECOMMENDED
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 Meets international perspectives reqmt
 7687005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 7687600 XW ARRANGED DEININGER M
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 RSRCH&PRSNT FORENSC ANTHR 542 1 CREDIT
 5259005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 5259110 KK ARRANGED
 MEETS: JAN 13-MAY 8
 GRAD INDEPNNT 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 M 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO EVENT, HRI AND HSP H
 MAJORS ONLY
 5099010 1B M 9:00-9:50
 MEETS: JAN 13-MAY 8
 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 1 ARRANGED
 MEETS: JAN 13-MAY 8
 SUPV WRK EXP I:EVNT AESHM 170F 1 CREDIT
 Prereq: ADVISER PERMISSION REQUIRED
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 Satisfactory-Fail Only.
 1113005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 SPV WRK EXP I:APPAR AESHM 170N 1 CREDIT
 Prereq: ADVISER PERMISSION REQUIRED; FRESHMAN
 CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 Satisfactory-Fail Only.
 1125005 1 ARRANGED
 MEETS: MARCH 9-MAY 8
 FINANC APP:HSPY MGT AESHM 175D 2 CREDITS
 Note: COURSE RESTRICTED TO CS A, CS H, EVENT, HRI &
 HSP M MAJORS ONLY
 2237005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: Course delivery is WWW
 FINANCL APPS:RETAIL AESHM 175N 2 CREDITS
 7809005 1 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: DELIVERY FEE: \$100.00
 Course delivery is WWW
 LDRSHP EXPRNC&DEVEL AESHM 211 3 CREDITS
 9596005 1A MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO A M D, AMDP, EVENT,
 HRI & HSP M
 9596010 1B MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN A M D, AMDP,
 EVENT, HRI & HSP M
 PRE-PRO:EVENT&HSPTY AESHM 213E 1 CREDIT
 Prereq: TRANSFER STUDENT OR CHANGE-OF-MAJOR IN
 EVENT OR HSP M MAJORS.
 0078005 1 M 2:10-3:00
 MEETS: JAN 13-MAY 8

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

PRE-PRO:APPARL,MRCH AESHM 213N 1 CREDIT
 Prereq: TRANSFER STUDENT OR CHANGE-OF-MAJOR IN
 A M D MAJOR.
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY
 0079005 1 W 9:00-9:50
 MEETS: JAN 13-MAY 8
 CREATVITY ON DEMAND AESHM 222 3 CREDITS
 9595005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 9595010 2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO EVENT, HSP M MAJORS ONLY
 9595015 3 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC 3 FOR MAJORS OTHER THAN A M D, EVENT & HSP M
 HUMAN RESOURCE MGMT AESHM 238 3 CREDITS
 Prereq: A M D 275 OR AESHM 270, OR CREDIT OR
 ENROLLMENT IN AESHM 287; SOPHOMORE CLASSIFICATION
 2923005 1A TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 2923010 1B TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 SUP WRK EXP II:HSPY AESHM 270D 1- 2 CREDITS
 Prereq: 6 CREDITS IN AESHM OR HSP M, CREDITS
 IN AESHM 170, MINIMUM 2.0 GPA, ADVISER PERMISSION
 REQUIRED, SOPHOMORE CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 1132005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 SUP WRK EXP II:EVNT AESHM 270F 1- 2 CREDITS
 Prereq: 6 CREDITS IN AESHM OR HSP M OR EVENT;
 MINIMUM 2.0 GPA; ADVISER PERMISSION REQ'D; EMPLOYER
 LOCATION SHOULD BE DIFFERENT THAN EMPLOYER LOCATION
 USED FOR AESHM 170 AND AESHM 470
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 1203005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 SUP WRK EXP II:APPA AESHM 270N 1- 2 CREDITS
 Prereq: MINIMUM 2.0 GPA; ADVISER PERMISSION
 REQUIRED; SOPHOMORE A M D CLASSIFICATION
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
 AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
 GRADUATION
 Instructor permission required.
 1270005 1 ARRANGED
 MEETS: MARCH 9-MAY 8
 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
 Instructor permission required.
 9593005 1A W 6:10-8:00PM BENNETT-GEORGE S
 MEETS: JAN 13-MAY 8
 9593010 1B W 6:10-8:00PM BENNETT-GEORGE S
 MEETS: JAN 13-MAY 8
 ORIEN INT'L FLD STU AESHM 281 1 CREDIT
 1293005 1T M 3:10-5:00
 MEETS: MARCH 9-MAY 8
 Note: SEC IT ORIENTATION FOR ITALY TRAVEL
 PRIN MGMT HUMAN SCI AESHM 287 3 CREDITS
 4608005 1A MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO HRI, EVENT, HSP M
 MAJORS ONLY
 4608010 1B MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1B RESTRICTED TO A M D, AMDP STUDENTS
 ONLY
 SEM CAREERS:EVENT&H AESHM 311E 1 CREDIT
 Prereq: AESHM 113E, SOPHOMORE CLASSIFICATION
 Note: RESTRICTED TO EVENT, HSP M MAJORS ONLY
 1517005 1 R 4:10-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO EVENT, HSP M MAJORS ONLY
 SEM CAREERS:APPAREL AESHM 311N 1 CREDIT
 Prereq: AESHM 113N, SOPHOMORE CLASSIFICATION
 1624005 1 T 4:10-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

HSPTY&APPARL MKRTG AESHM 340 3 CREDITS
 Prereq: ECON 101
 2921005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO CUSFA, CUSFH, EVENT, HRI, HSP M MAJORS ONLY
 2921010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO A M D, AMDP, CUFSA, CUFSH MAJORS ONLY
 2921015 3 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO MAJORS OTHER THAN A M D, AMDP, CUSFA, CUSFH & T C MAJORS

AESTHTCS CNSMR EXPC AESHM 342 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4609005 1A MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO HRI, HSP M, EVENT MAJORS
 4609010 1B MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1B RESTRICTED TO A M D MAJORS ONLY
 4609015 1C MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1C FOR MAJORS OTHER THAN HRI, HSP M, EVENT, T C.

U.S. FLD STDY:EVENT AESHM 380F 1- 3 CREDITS
 Prereq: 9 CREDITS IN EVENT, AESHM, OR HSP M; SOPHOMORE CLASSIFICATION; MINIMUM 2.0 GPA; PERMISSION BY APPLICATION
 Note: Instructor permission required.
 1660005 1 M 1:10-2:00
 MEETS: MARCH 9-MAY 8

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 4:10-5:00 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1: NEW YORK
 1663010 2 W 4:10-5:00, ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2: L.A.

INT'L FLD STU:HSPTY AESHM 381D 1- 3 CREDITS
 Prereq: 9 CREDITS IN AESHM AND/OR HSP M; SOPHOMORE CLASSIFICATION; MINIMUM 2.0 GPA; PERMISSION BY APPLICATION
 Note: Meets international perspectives reqmt
 8774800 BS ARRANGED KRAMER J
 MEETS: MARCH 13-21
 Note: SEC BS STUDY ABROAD SHORTS: INTRODUCTION TO THE BAHAMAS. SPRING 2020.
 Study Abroad Administrative Fee Applies

COOPERATIVE EDUCATN AESHM 398 R CREDIT
 Prereq: PERMISSION OF ADVISER; JR CLASSIFICATN
 1002005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO HRI, HSP M MAJORS ONLY
 Instructor permission required.
 1002010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO EVENT MAJORS ONLY
 Instructor permission required.
 1002015 3 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO A M D MAJORS ONLY
 Instructor permission required.
 1002020 4 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 4 DISNEY
 Instructor permission required.

SEM ISS:EVNT&HSPTLY AESHM 411E 1 CREDIT
 Prereq: SENIOR CLASSIFICATION IN AESHM
 7664005 1 ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: Course delivery is WWW

DEV GLOBAL LEADRSHP AESHM 421 3 CREDITS
 Note: Meets international perspectives reqmt
 4611005 1A ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M MAJORS ONLY. DELIVERY FEE: \$150.00.
 Course delivery is WWW
 4611010 1B ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI, HSP M. DELIVERY FEE: \$150.00.
 Course delivery is WWW

INTERNSHP EVENT MGT AESHM 470F 3- 6 CREDITS
 Prereq: AESHM 311, EVENT 271, EMPLOYER/LOCATION SHOULD BE DIFFERENT THAN EMPLOYER/LOCATION USED FOR AESHM 170 AND AESHM 270
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

FASHION SHOW MGT AESHM 472 2- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 5 CREDITS OF AESHM 472 MAY BE APPLIED TOWARD GRADUATION
 1872005 1 W 6:10-8:00PM
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 OFFERED FOR 3 CREDITS
 Instructor permission required.
 1872010 2 W 6:10-8:00PM
 ARRANGED
 MEETS: JAN 13-MAY 8
 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 13-MAY 8
 Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS
 4618010 1B TR 6:30-7:50PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1B RESTRICTED TO CUFSA, CUFSH, EVENT, HRI, HSP M MAJORS ONLY
 4618015 1C TR 6:30-7:50PM
 MEETS: JAN 13-MAY 8

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

COOPERATIVE EDUCATN AESHM 498 R CREDIT
 Prereq: PERMISSN OF ADVISER; SR CLASSIFICATION.
 REGISTER PRIOR TO COMMENCING WORK.
 1455005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PRACTCM APPAR MCHDS AESHM 570A 1- 3 CREDITS
 Prereq: 6 GRAD CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION
 6660005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

PRACTCM HSPTLY MGT AESHM 570B 1- 3 CREDITS
 Prereq: 6 GRAD CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION
 1509005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

U.S. FLD STDY:EVENT AESHM 580F 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.
 1661005 1 M 1:10-2:00
 MEETS: MARCH 9-MAY 8

U.S. FLD STU:APPARL AESHM 580N 1- 3 CREDITS
 Prereq: 9 CREDITS AESHM AND/OR A M D; GRADUATE CLASSIFICATION; MINIMUM 2.0 GPA; PERMISSION BY APPLICATION
 Note: Instructor permission required.
 1717005 1 W 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1: NEW YORK
 1717010 2 W 4:10-5:00, ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2: L.A.
 Field trips & travel fee \$600.00-\$2,000.00

INT'L FLD STU:HSPTY AESHM 581D 1- 3 CREDITS
 Prereq: 9 CREDITS IN AESHM AND/OR HSP M; GRAD CLASSIFICATION; PERMISSION BY APPLICATION
 Note: Meets international perspectives reqmt
 8776800 BS ARRANGED KRAMER J
 MEETS: MARCH 13-21
 Note: SEC BS STUDY ABROAD SHORTS: INTRODUCTION TO THE BAHAMAS. SPRING 2020.
 Study Abroad Administrative Fee Applies

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

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

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

APPAREL, MERCHANDISING, AND DESIGN

APPARL ASSEMBL PROC A M D 121 3 CREDITS
 Prereq: ENROLLMENT IN A M D 204 RECOMENED

6602005 1 M 10:00-10:50
 MW 11:00-12:50
 MEETS: JAN 13-MAY 8

Note: Instructor permission required 1st week.

6602010 2 M 10:00-10:50
 TR 11:00-12:50
 MEETS: JAN 13-MAY 8

Note: Instructor permission required 1st week.

6602015 3 M 10:00-10:50
 TR 1:10-3:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8

Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY

6603010 1B TR 12:40-2:00
 MEETS: JAN 13-MAY 8

Note: SEC 1B FOR MAJORS OTHER THAN A M D

INTR APPRL DSN STDO A M D 178 3 CREDITS

Note: COURSE RESTRICTED TO A M D MAJORS

8923005 1 WF 9:00-10:50
 ARRANGED
 MEETS: JAN 13-MAY 8

Note: COURSE FEE: \$75.00

8923010 2 MW 3:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 8

Note: COURSE FEE: \$75.00

TEXTILE SCIENCE A M D 204 4 CREDITS

Prereq: A M D 131
 6604005 1 TR 9:30-10:50
 R 1:10-3:00
 MEETS: JAN 13-MAY 8

Note: SEC 1 RESTRICTED TO A M D MAJORS COURSE FEE: \$25.00

6604010 2 TR 9:30-10:50
 W 3:10-5:00
 MEETS: JAN 13-MAY 8

Note: SEC 2 RESTRICTED TO A M D MAJORS ONLY COURSE FEE : \$25.00

6604015 3 TR 9:30-10:50
 R 3:10-5:00
 MEETS: JAN 13-MAY 8

Note: SEC 3 RESTRICTED TO A M D MAJORS ONLY COURSE FEE : \$25.00

6604020 4 ARRANGED, T 9:00-10:50
 MEETS: JAN 13-MAY 8

Note: SEC 4 RESTRICTED TO A M D MAJORS ONLY COURSE FEE : \$25.00

6604025 5 ARRANGED
 F 11:00-12:50
 MEETS: JAN 13-MAY 8

Note: COURSE FEE: \$25.00

HONORS TEXTILE SCI A M D 204H 4 CREDITS

7590005 1 TR 9:30-10:50
 W 1:10-3:00
 MEETS: JAN 13-MAY 8

Note: COURSE FEE: \$25.00

7590010 2 TR 9:30-10:50
 W 3:10-5:00
 MEETS: JAN 13-MAY 8

Note: COURSE FEE: \$25.00

7590015 3 TR 9:30-10:50
 F 11:00-12:50
 MEETS: JAN 13-MAY 8

Note: COURSE FEE: \$25.00

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 9-MAY 8

4188010 2 ARRANGED
 MEETS: JAN 13-MARCH 6

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

CPR APP DIGTL DSIGN A M D 210 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN A M D 245; AESHM
 113N

Note: COURSE RESTRICTED TO AMPD MAJORS ONLY

5087005 1 T 3:10-5:00, ARRANGED

MEETS: JAN 13-MAY 8

5087010 2 R 1:10-3:00, ARRANGED

MEETS: JAN 13-MAY 8

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 9:30-10:50

ARRANGED

MEETS: JAN 13-MAY 8

Note: Instructor permission required.

PRODUCT DEVELOP&MFG A M D 231 4 CREDITS
 Prereq: A M D 204

Note: COURSE RESTRICTED TO A M D MAJORS ONLY

6608005 1 TR 8:00-9:20

F 1:10-3:00

MEETS: JAN 13-MAY 8

6608010 2 TR 8:00-9:20

W 10:00-11:50

MEETS: JAN 13-MAY 8

6608015 3 TR 8:00-9:20

F 8:00-9:50

MEETS: JAN 13-MAY 8

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 13-MAY 8

Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY

RETAIL MERCHANDISNG A M D 275 3 CREDITS
 Prereq: 3 CREDITS IN MATH

2853005 1A TR 11:00-12:20

MEETS: JAN 13-MAY 8

Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY

2853010 1B TR 11:00-12:20

MEETS: JAN 13-MAY 8

2853015 1C TR 11:00-12:20

MEETS: JAN 13-MAY 8

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 13-MAY 8

Note: Instructor permission required.

6611010 2 MWF 1:10-3:00

MEETS: JAN 13-MAY 8

Note: Instructor permission required.

CPR-AID PATTRNMAKNG A M D 310 3 CREDITS
 Prereq: A M D 210, A M D 225; PERMISSION OF

INSTRUCTOR

1142005 1 TR 9:00-10:50

MEETS: JAN 13-MAY 8

Note: COURSE FEE: \$25.00

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 MAJORS ONLY

6605005 1 MWF 9:00-10:50

MEETS: JAN 13-MAY 8

PATTRNMAK II:DRAPNG A M D 325 3 CREDITS
 Prereq: A M D 206, A M D 225, INSTRUCTOR PERMISSN

7199005 1 MWF 3:10-5:00

MEETS: JAN 13-MAY 8

Note: THERE IS A \$90 FEE ON THIS COURSE

Instructor permission required.

DESIGN SEMINAR A M D 328 VAR. CREDITS
 Prereq: VARIES BY TOPIC

5692005 1 MW 2:10-3:30, ARRANGED

MEETS: MARCH 9-MAY 8

Note: COURSE FEE: \$50.00 - \$95.00

DIGTL TXTLE PRINTNG A M D 329 3 CREDITS
 Prereq: A M D 321, CREDIT OR CONCURRENT

ENROLLMENT IN A M D 325

7365005 1 TR 3:10-5:00

MEETS: JAN 13-MAY 8

Note: Instructor permission required.

HIST 20TH C FASHION A M D 356 3 CREDITS
 Prereq: 3 CREDITS IN HIST OR ART H. RECOMMEND

A M D 204.

Note: SEC 1A, 2A RESTRICTED TO A M D MAJORS ONLY

SEC 1B, 2B FOR MAJORS OTHER THAN A M D

4473005 1A T 12:40-2:00, ARRANGED

MEETS: JAN 13-MAY 8

4473010 1B T 12:40-2:00, ARRANGED

MEETS: JAN 13-MAY 8

4473015 2A R 12:40-2:00, ARRANGED

MEETS: JAN 13-MAY 8

4473020 2B R 12:40-2:00, ARRANGED

MEETS: JAN 13-MAY 8

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

CULTUR PERSPC DRESS A M D 362 3 CREDITS
 Prereq: A M D 231, A M D 275. RECOMMEND ECON 101 OR ECON 102.
 Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY
 SEC 1B FOR MAJORS OTHER THAN A M D
 Meets international perspectives reqmt
 6622005 1A MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 6622010 1B MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

SOURCNG&GLOBAL ISSU A M D 372 3 CREDITS
 Prereq: A M D 231, A M D 275. RECOMMEND ECON 101 OR ECON 102.
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY
 Meets international perspectives reqmt
 8133005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

MERCHDS PLAN&BUYING A M D 376 4 CREDITS
 Prereq: A M D 275; COM S 113; 3 CREDITS FROM ACCT 284, MATH 104, MATH 105, MATH 140, MATH 150, OR EQUIVALENT
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY
 6625005 1 TR 12:10-1:00
 T 1:10-3:00
 MEETS: JAN 13-MAY 8
 6625010 2 TR 12:10-1:00
 F 11:00-12:50
 MEETS: JAN 13-MAY 8

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 3:10-4:00
 MEETS: JAN 13-MAY 8
 6626010 1B MWF 3:10-4:00
 MEETS: JAN 13-MAY 8
 6626015 1C MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

APPARL,MCHDS WRKSHP A M D 393 1- 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN A M D, PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS IN A M D 393 MAY BE APPLIED TOWARD GRADUATION
 COURSE RESTRICTED TO A M D MAJORS ONLY
 1363005 1 WF 9:10-10:50
 ARRANGED
 MEETS: MARCH 9-MAY 8
 1363010 2 M 11:00-1:50, ARRANGED
 MEETS: JAN 13-MAY 8

ADV TEXTILE SCIENCE A M D 404 3 CREDITS
 Prereq: A M D 204, CHEM 163 AND CHEM 163L OR EQUIVALENT
 Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY
 SEC 1B FOR MAJORS OTHER THAN A M D
 6613005 1A TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: DELIVERY FEE: \$150.00
 6613010 1B TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: DELIVERY FEE: \$150.00

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 13-MAY 8
 Note: COURSE FEE: \$60.00
 Instructor permission required.

APPARL PRODUCTN MGT A M D 431 3 CREDITS
 Prereq: A M D 231, CREDIT OR CONCURRENT ENROLLMENT IN A M D 372. A M D 121 IS RECOMMENDED.
 Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY
 SEC 1B FOR MAJORS OTHER THAN A M D
 6618005 1A MW 8:00-9:20, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: COURSE FEE: \$65.00
 6618010 1B MW 8:00-9:20, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: COURSE FEE: \$65.00

QUEER FASHNS&BODIES A M D 458 3 CREDITS
 Prereq: A M D 165; OR 3 CREDITS IN WOMEN'S AND GENDER STUDIES OR SOCIOLOGY; OR INSTRUCTOR PERMISSION
 Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY
 SEC 1B FOR MAJORS OTHER THAN A M D
 0075005 1A TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 0075010 1B TR 3:40-5:00
 MEETS: JAN 13-MAY 8

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

RETAIL INFO ANALYSI A M D 475 3 CREDITS
 Prereq: A M D 376
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY
 4159005 1 TR 11:00-11:50
 R 1:10-3:00
 MEETS: JAN 13-MAY 8
 Note: COURSE FEE: \$25.00
 4159010 2 TR 11:00-11:50
 F 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: COURSE FEE: \$25.00

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 13-MAY 8
 Note: Course delivery is WWW

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

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

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

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

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

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

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

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

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

FASHN PROD DV&PROTO A M D 496 3 CREDITS
 Prereq: A M D 231, A M D 245, A M D 275
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY
 4507005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: COURSE FEE: \$25.00

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

UNDERGRAD RESEARCH A M D 499 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION; 15 CREDITS IN A M D;
 PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEXTILE COLOR THEORY A M D 504 3 CREDITS
 Prereq: A M D 204; CHEM 163 AND CHEM 163L
 OR EQUIVALENT
 6647005 1A TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: DELIVERY FEE: \$150.00

DESIGN SEMINAR A M D 528 1- 3 CREDITS
 Prereq: VARIES WITH TOPIC
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2020
 5768005 1 MW 2:10-3:30, ARRANGED
 MEETS: MARCH 9-MAY 8

AESTH&RETL BRANDING A M D 545 3 CREDITS
 Prereq: ONE COURSE IN DSGN ELEMENTS & PRINCIPLES,
 PSYCHOLOGY, CONSUMER BEHAVIOR, OR MARKETING
 4838005 1 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8

QUEER FASHNS&BODIES A M D 558 3 CREDITS
 Prereq: A M D 165; OR 3 CREDITS IN WOMEN'S AND
 GENDER STUDIES OR SOCIOLOGY; OR INSTRUCTOR PERMISSION
 0076005 1A TR 3:40-5:00
 MEETS: JAN 13-MAY 8

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 (CONTINUED)

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

ARCHITECTURE

ARCHITECT DESIGN II ARCH 202 6 CREDITS
 Prereq: ARCH 201; MATH 142/MATH 145X; PHYS 111
 Note: COURSE RESTRICTED TO ARC MAJORS ONLY
 1674005 1 F 3:10-5:20
 MW 1:10-5:20
 F 1:10-3:00
 MEETS: JAN 13-MAY 8

ARCHITECT DESIGN II ARCH 202H 6- 7 CREDITS
 Prereq: ARCH 201, MATH 142/MATH 145X AND PHYS 111
 8152005 1 F 3:10-5:20
 MW 1:10-5:20
 F 1:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

ADV DESIGN REPRESNT ARCH 231 3 CREDITS
 Prereq: ARCH 230; JUNIOR, SENIOR OR GRADUATE
 STANDING
 0116005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8

1682010 2 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 13-MAY 8

1682015 3 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 13-MAY 8

1682020 4 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 13-MAY 8

1682025 5 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20
 MEETS: JAN 13-MAY 8

ARCHITECT DESIGN IV ARCH 302H 6- 7 CREDITS
 Prereq: ARCH 301 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 8206005 1 F 3:10-5:20
 F 1:10-3:00
 MW 1:10-5:20, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

HISTORY AMERIC CITY ARCH 321 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 1570005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

HIST&THRY MOD ARCHI ARCH 322 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 2024005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

THREE-DIMENS STUDIO ARCH 335 3 CREDITS
 Note: TOPIC: 3D AESTHETIC INVENTION, ORGANIZATION &
 EXPRESSION
 1686005 1 TR 1:10-3:20, ARRANGED
 MEETS: JAN 13-MAY 8

BLDG SCI &TECHNL II ARCH 346 3 CREDITS
 Prereq: ARCH 345, ARCH 345L, MATH 145, PHYS 111;
 CONCURRENT ENROLLMENT IN ARCH 346L
 8245005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

BLDG SCI&TEC II LAB ARCH 346L 2 CREDITS
 Prereq: ARCH 345, ARCH 345L, MATH 145, PHYS 111;
 CONCURRENT ENROLLMENT IN ARCH 346
 8264005 1 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

ARABIC

ELEMENTARY 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 13-MAY 8

INTERMED ARABIC II ARABC 202 4 CREDITS
 Prereq: ARABC 201 OR PLACEMENT BY DEPARTMENT EXAM
 Note: Meets international perspectives reqmt
 9550005 1 MTWR 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: Materials and equipment use fee \$25.00

ARAB CULTURE ARABC 375 3 CREDITS
 Note: Meets international perspectives reqmt
 9895005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

ARCHITECTURE (CONTINUED)

ARCHITECTURE (CONTINUED)

BLDG SCI &TECHNL IV ARCH 348 3 CREDITS
 Prereq: ARCH 347, ARCH 347L. CONCURRENT
 ENROLLMENT IN ARCH 348L.
 8289005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

BLDG SCI&TEC IV LAB ARCH 348L 2 CREDITS
 Prereq: ARCH 347, ARCH 347L. CONCURRENT
 ENROLLMENT IN ARCH 348.
 8293005 1 TR 4:10-6:00PM
 MEETS: JAN 13-MAY 8

BLDG ENRGY PRF MODL ARCH 351 3 CREDITS
 Prereq: ARCH 202, ARCH 245, ARCH 341. OPEN
 TO NON-MAJORS BY PERMISSION OF INSTRUCTOR.
 1687005 1 F 9:00-10:50
 T 7:10-8:00PM
 F 11:00-11:50
 MEETS: JAN 13-MAY 8

HUM BEHAV&ENVIR THY ARCH 371 3 CREDITS
 Prereq: COMPLETION OF THE PRE-PROFESSIONAL
 PROGRAM AND ADMISSION INTO THE PROFESSIONAL PROGRAM
 IN ARCHITECTURE
 1679005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

ARCHITECT DESIGN VI ARCH 402 6 CREDITS
 Prereq: ARCH 401 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 Note: Meets international perspectives reqmt
 1692005 1 MWF 1:10-5:20
 MEETS: JAN 13-MAY 8
 1692010 2 MWF 1:10-5:20
 MEETS: JAN 13-MAY 8
 1692015 3 MWF 1:10-5:20
 MEETS: JAN 13-MAY 8

BIG&TALL:CONST HIST ARCH 417 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 0025005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

TOPICS MEDIEVAL ARC ARCH 422 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: NO MORE THAN 6 CREDITS OF ARCH 422 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 TOPIC: BYZANTINE ARCHITECTURE
 Meets international perspectives reqmt
 1696005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

ANALYTICAL DRAWING ARCH 431 3 CREDITS
 Prereq: ARCH 230 AND ARCH 302
 Note: TOPIC: FREHAND DRAWING: PERCEPTION,
 CONCEPTUALIZATION & ACTUALIZATION
 2154005 1 M 9:00-10:50
 W 9:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 8

DIGITAL FABRICATION ARCH 433 3 CREDITS
 Prereq: ARCH 230 AND ARCH 301
 3852005 1 MW 10:00-11:20
 MEETS: JAN 13-MAY 8
 Note: MATERIALS AND EQUIPMENT USE FEE: \$100.00

ADV CMPTR-AIDED ARC ARCH 434 3 CREDITS
 Prereq: ARCH 334 OR BY INSTRUCTOR PERMISSION
 1705005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

ADVNCED DESIGN MEDIA ARCH 436 3 CREDITS
 Prereq: ARCH 230
 1704005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: Materials and equipment use fee \$200.00

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

ARCH DSIGN&MEDIA II ARCH 506 5 CREDITS
 Prereq: ARCH 505, ARCH 545, ARCH 545L, ARCH 595.
 CONCURRENT ENROLLMENT IN ARCH 546, ARCH 546L, AND
 ARCH 596.
 7753005 1 MW 1:10-5:20
 F 1:10-2:40
 MEETS: JAN 13-MAY 8

BIG&TALL:CONST HIST ARCH 517 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 9838005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

CMPLX ADAPTV SYS TH ARCH 522 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 0061005 1 R 6:10-9:00PM
 MEETS: JAN 13-MAY 8

MEANING & FORM ARCH ARCH 525 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1913005 1 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8

TOP STDI ARCH&CULTR ARCH 528A 2- 3 CREDITS
 Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2020
 1731005 1 M 9:00-11:50
 MEETS: JAN 13-MAY 8
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2020
 1731010 2 R 8:00-10:50
 MEETS: JAN 13-MAY 8
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2020
 1731015 3 F 9:00-11:50
 MEETS: JAN 13-MAY 8
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2020

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 13-MAY 8

TOPCL STDI PRACTICE ARCH 528E 2- 3 CREDITS
 Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING
 1331005 1 F 9:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SECTION 1 OFFERED FOR 3 CREDITS

DRAWING CULTURE ARCH 531 3 CREDITS
 Prereq: ARCH 221; ARCH 222 OR SENIOR OR GRADUATE
 CLASSIFICATION
 2273005 1 T 9:00-11:50
 MEETS: JAN 13-MAY 8

BLDG SCI &TECHNL II ARCH 546 3 CREDITS
 Prereq: ARCH 345 AND ARCH 345L, OR ARCH 545
 AND ARCH 545L; MATH 145, PHYS 111.
 CONCURRENT ENROLLMENT IN ARCH 546L.
 8250005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

BLDG SCI&TEC II LAB ARCH 546L 2 CREDITS
 Prereq: ARCH 345 AND ARCH 345L, OR ARCH 545
 ARCH 545L; MATH 145, PHYS 111.
 CONCURRENT ENROLLMENT IN ARCH 546.
 8490005 1 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

BLDG SCI &TECHNL IV ARCH 548 3 CREDITS
 Prereq: ARCH 347, ARCH 347L OR ARCH 547,
 ARCH 547L. CONCURRENT ENROLLMENT IN ARCH 548L.
 8291005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

BLDG SCI&TEC IV LAB ARCH 548L 2 CREDITS
 Prereq: ARCH 347 AND ARCH 347L, OR ARCH 547
 AND ARCH 547L. CONCURRENT ENROLLMENT IN ARCH 548.
 8502005 1 TR 4:10-5:00
 MEETS: JAN 13-MAY 8

ARCHITECTURE

(CONTINUED)

CONTEM URB DSN THRY ARCH 575 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 Note: TOPIC: CIRCULATION & URBANIZATION
 1752005 1 M 9:00-10:20
 F 9:00-10:20
 MEETS: JAN 13-MAY 8

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

SEM N BUILT ENVIR II ARCH 596 5 CREDITS
 Prereq: ARCH 505, ARCH 545, ARCH 545L, ARCH 595;
 CONCURRENT ENROLLMNT IN ARCH 506, ARCH 546, AND
 ARCH 546L
 7926005 1 WF 9:30-11:50
 MEETS: JAN 13-MAY 8

SEM N BUILT ENVIR IV ARCH 598 3 CREDITS
 Prereq: GRADUATE OR SENIOR CLASSIFICATION
 1721005 1 W 9:00-11:50
 MEETS: JAN 13-MAY 8

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

GRADUATE SEMINAR ARCH 698 R CREDIT
 Prereq: ADMISSION TO THE M. ARCH. OR M. S. IN
 ARCH. PROGRAMS
 1749005 1 F 12:10-1:00
 MEETS: JAN 13-MAY 8

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

ART EDUCATION

METHDS TEACHING ART ARTED 209 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 7797005 1 TR 3:10-5:00
 MEETS: JAN 13-MAY 8
 7797010 2 TR 5:10-7:00PM
 MEETS: JAN 13-MAY 8
 7797015 3 TR 1:10-3:00
 MEETS: JAN 13-MAY 8

INTRO TO ART EDUC ARTED 211 3 CREDITS
 Prereq: SOPHOMORE LEVEL
 1773005 A1 MW 2:10-5:00
 MEETS: JAN 13-MAY 8
 1773010 A2 MW 2:10-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO ECE, EL ED MAJORS
 ONLY
 1773015 B1 TR 9:30-12:20
 MEETS: JAN 13-MAY 8
 1773020 B2 TR 9:30-12:20
 MEETS: JAN 13-MAY 8
 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 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

INTR VISU CULTR STU ART H 292 3 CREDITS
 Note: Meets U.S. diversity reqmt
 1764005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

ART&ARCHITC OF ASIA ART H 382 3 CREDITS
 Note: Meets international perspectives reqmt
 2868005 1 MW 2:10-3:30
 MEETS: JAN 13-MAY 8

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

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

ART HISTORY

(CONTINUED)

MUSEUM/GLLRY INTERN ART H 497 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF SUPERVISING
 INSTRUCTOR ON REQUIRED FORM IN ADVANCE OF SEMESTER
 OF ENROLLMENT
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOPICS IN ART HIST ART H 498 3 CREDITS
 Note: TOPIC: DADA AND ITS INFLUENCE
 1738005 1 R 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 1738010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

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

SPECIAL TOPICS ART H 590 VAR. CREDITS
 Prereq: GRADUATE CLASSIFICATION; WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 IN ADVANCE OF SEMESTER OF ENROLLMENT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GREEN ART: EARTHWS& ART H 597 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 9635005 1 W 6:10-8:40PM
 MEETS: JAN 13-MAY 8

TOPICS IN ART HIST ART H 598 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 Note: COURSE TOPIC: DADA AND ITS INFLUENCE
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 1792005 1 R 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 1792010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 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 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP
 THE COURSE DUE TO INCOMPLETE REGISTRATION.
 STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION.
 1951005 1 F 8:00-8:50
 MEETS: JAN 13-MAY 8
 1951010 2 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 1951015 3 F 10:00-10:50 KERTON C
 MEETS: JAN 13-MAY 8
 1951020 4 F 11:00-11:50 KERTON C
 MEETS: JAN 13-MAY 8
 1951025 5 F 12:10-1:00 KERTON C
 MEETS: JAN 13-MAY 8
 1951030 6 F 1:10-2:00
 MEETS: JAN 13-MAY 8
 1951035 7 F 2:10-3:00
 MEETS: JAN 13-MAY 8
 1951040 8 F 3:10-4:00
 MEETS: JAN 13-MAY 8
 1951045 9 R 4:10-5:00
 MEETS: JAN 13-MAY 8
 1951050 10 M 8:00-8:50
 MEETS: JAN 13-MAY 8
 1951055 11 M 9:00-9:50
 MEETS: JAN 13-MAY 8
 1951060 12 M 10:00-10:50
 MEETS: JAN 13-MAY 8
 1951065 13 M 11:00-11:50 KERTON C
 MEETS: JAN 13-MAY 8
 1951070 14 M 12:10-1:00
 MEETS: JAN 13-MAY 8
 1951075 15 M 1:10-2:00
 MEETS: JAN 13-MAY 8
 1951080 16 M 2:10-3:00
 MEETS: JAN 13-MAY 8
 1951085 17 M 3:10-4:00
 MEETS: JAN 13-MAY 8
 1951120 A TR 11:00-11:50
 MEETS: JAN 13-MAY 8

ASTRONOMY & ASTROPHYSICS (CONTINUED)

STARS, GALAXIES & COSM ASTRO 150 3 CREDITS
 1952005 1 TR 1:10-2:00 KAWALER S
 W 9:00-9:50
 MEETS: JAN 13-MAY 8
 1952010 2 TR 1:10-2:00 KAWALER S
 W 10:00-10:50
 MEETS: JAN 13-MAY 8
 1952015 3 TR 1:10-2:00 KAWALER S
 W 11:00-11:50
 MEETS: JAN 13-MAY 8
 1952020 4 TR 1:10-2:00 KAWALER S
 W 12:10-1:00
 MEETS: JAN 13-MAY 8
 1952025 5 TR 1:10-2:00 KAWALER S
 W 1:10-2:00
 MEETS: JAN 13-MAY 8
 ASTRONOMY BIZARRE ASTRO 250 3 CREDITS
 Prereq: 120 OR 150
 4569005 1 MWF 2:10-3:00 DANILOVIC D
 MEETS: JAN 13-MAY 8
 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 1 MWF 1:10-2:00 MARENGO M
 MEETS: JAN 13-MAY 8
 ASTROPHYSIC COSMOLGY ASTRO 405 3 CREDITS
 Prereq: 346 OR PERMISSION OF INSTRUCTOR
 8791005 1 TR 11:00-12:20 STRUCK C
 MEETS: JAN 13-MAY 8
 UNDERGRAD RESEARCH ASTRO 450 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS
 UNDERGRAD RESEARCH ASTRO 450L 1- 6 CREDITS
 Prereq: 344L AND PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS
 INDEPENDENT STUDY ASTRO 490 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS
 HONORS INDEP STUDY ASTRO 490H 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
 THE HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 ASTROPHYSIC COSMOLGY ASTRO 505 3 CREDITS
 Prereq: 346 OR INSTRUCTOR PERMISSION
 1961005 1 TR 11:00-12:20 STRUCK C
 MEETS: JAN 13-MAY 8
 STELLAR ASTROPHYSICS ASTRO 580 3 CREDITS
 Prereq: ASTRO 405 OR ASTRO 505 OR PERMISSION
 OF INSTRUCTOR
 1966005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 SPECIAL TOPICS ASTRO 590 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS
 CREATIVE COMPONENT ASTRO 599 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS
 ADVANCED SEMINAR ASTRO 650 1 CREDIT
 Satisfactory-Fail Only.
 1970005 1 F 4:10-6:00PM KAWALER S
 MEETS: JAN 13-MAY 8
 RESEARCH ASTRO 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ATHLETIC TRAINING

CL PRACTM ATHL TR I A TR 217X 1 CREDIT
 Prereq: A TR 221, A TR 222, PERMISSION OF
 ATHLETIC TRAINING PROGRAM DIRECTOR
 Satisfactory-Fail Only.
 0469005 1 ARRANGED PEEL S
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

ATHLETIC TRAINING (CONTINUED)

ORIE ATHL TRN EXPRC A TR 218 .5 CREDIT
 Satisfactory-Fail Only.
 5297005 1 T 11:00-11:50 MEIER M
 MEETS: JAN 13-MARCH 6
 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 WRIGHT S
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH,
 KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY
 5729010 2 M 8:00-8:50 DRENTH J
 R 8:00-9:50 DRENTH J
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN A TR, D EXA,
 D EXH, KIN H, P ATR, PDEXA, PDEXH
 5729015 3 M 8:00-8:50 DRENTH J
 T 8:00-9:50 DRENTH J
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH,
 KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY
 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 13-MAY 8
 REHAB ATH INJ PRACT A TR 327 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Note: COURSE RESTRICTED TO A TR MAJORS ONLY.
 Satisfactory-Fail Only.
 5373005 1 MWF 9:00-9:50 COBERLEY M
 MEETS: JAN 13-MAY 8
 ATH INJ CLN PRACTM A TR 328X 1 CREDIT
 Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM
 DIRECTOR
 Satisfactory-Fail Only.
 0468005 1 ARRANGED PEEL S
 MEETS: JAN 13-MAY 8
 Note: Department permission required.
 EVID-BASED PRACTICE A TR 488 2 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 5775005 1 ARRANGED MILLER V
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A TR MAJORS ONLY
 Course delivery is WW
 ATHL TRAIN COMPETNC A TR 489 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR,
 SENIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO A TR MAJORS ONLY
 Satisfactory-Fail Only.
 3220005 1 ARRANGED WEESNER T
 MEETS: JAN 13-MAY 8

ATHLETICS

INTERCOL BASKETBALL ATH 101B 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1974005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 INTERCOL BASKETBALL ATH 101C 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1975005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 INTERCOLLEGIAT GOLF ATH 101G 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1973005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ATHLETICS

(CONTINUED)

INTERCOL GYMNASIICS ATH 101J 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166. Instructor permission required.
 Satisfactory-Fail Only.
 1981005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTERCOLL SOFTBALL ATH 101K 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166. Instructor permission required.
 Satisfactory-Fail Only.
 1982005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTERCOLL SWIMMING ATH 101M 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166. Instructor permission required.
 Satisfactory-Fail Only.
 1984005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTERCOLLEG TENNIS ATH 101O 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166. Instructor permission required.
 Satisfactory-Fail Only.
 1986005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTERCOLLEG TRACK ATH 101P 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166. Instructor permission required.
 Satisfactory-Fail Only.
 1987005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTERCOLLEG TRACK ATH 101Q 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166. Instructor permission required.
 Satisfactory-Fail Only.
 1988005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTERCOLL WRESTLING ATH 101S 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166. Instructor permission required.
 Satisfactory-Fail Only.
 1990005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTERCOLLEGIAT GOLF ATH 101T 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166. Instructor permission required.
 Satisfactory-Fail Only.
 1991005 1 ARRANGED
 MEETS: JAN 13-MAY 8

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

INTRO BIOCHEM LAB BBMB 102 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN CHEM 177 AND CHEM 177L OR CHEM 201 AND CHEM 201L
 Note: ENROLLMENT IN THIS COURSE WILL CAUSE A TIME CONFLICT MESSAGE. IGNORE CONFLICTS BUILT INTO THE SECTION MEETING TIME. LECTURE & LAB MEET OPPOSITE WEEKS.
 1997005 1 F 2:10-3:00 CHEN S
 F 1:10-3:00
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$125.00
 1997010 2 F 2:10-3:00 CHEN S
 F 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$125.00

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

INTRO BIOCHEM LAB BBMB 102 1 CREDIT
 1997015 3 T 10:00-10:50 CHEN S
 T 10:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$125.00
 1997020 4 T 10:00-10:50 CHEN S
 T 9:00-10:50
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$125.00

BIOCHEM LRNG CMUNTY BBMB 111 1 CREDIT
 Prereq: ENROLLMENT IN BBMB 102 IS HIGHLY RECOMMENDED
 Satisfactory-Fail Only.
 9572005 1 W 2:10-3:00 UNDERBAKKE E
 MEETS: JAN 13-MAY 8

MEDICINES,DRUGS&YOU BBMB 121 2 CREDITS
 Prereq: ONE YEAR H.S. CHEMISTRY OR CHEM 50 AND BIOLOGY
 2763005 1 MW 4:10-5:00 MYERS A
 MEETS: JAN 13-MAY 8

CHEM PRIN IN BIO SY BBMB 201 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 332
 2053005 1 TR 11:00-11:50 ANDREOTTI A
 MEETS: JAN 13-MAY 8

EXPRMTL RSRCH SKILLS BBMB 212X 2 CREDITS
 Prereq: BBMB 102; CREDIT OR CONCURRENT ENROLLMENT IN CHEM 178 OR CHEM 201
 0183005 1 T 9:00-9:50 DISPIRITO A
 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$150.00

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 1 TR 3:40-5:00 SHOGREN-KNAAK M
 MEETS: JAN 13-MAY 8

SURVEY OF BIOCHEM BBMB 301 3 CREDITS
 Prereq: CHEM 231 OR CHEM 331
 Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 301 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE. CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: BBMB 301, BBMB 303X, BBMB 316.
 1999005 1 MWF 12:10-1:00 THORNBURG R
 MEETS: JAN 13-MAY 8

BIOCHEMSTRY PRINCIP BBMB 316 3 CREDITS
 Prereq: CHEM 231 OR CHEM 331; BIOL 212. BIOL 313 AND BIOL 314 STRONGLY RECOMMENDED.
 Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 316 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR. CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: BBMB 301, BBMB 303X, BBMB 316
 9022005 1 TR 11:00-12:15 HARGROVE M
 MEETS: JAN 13-MAY 8

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 1 MWF 11:00-11:50 BEITZ D
 MEETS: JAN 13-MAY 8

LAB MICR PHYSL,DVRS BBMB 440 4 CREDITS
 Prereq: MICRO 302,302L, CHEM 332, BIOL 301L/313L
 Note: COURSE RESTRICTED TO MICR MAJORS ONLY
 2090005 1 MW 1:10-5:00
 MEETS: JAN 13-MAY 8
 Note: Materials and equipment use fee \$290.00

MOLECUAR BIOPHYSICS BBMB 461 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 166 AND CHEM 178 AND PHYS 222 OR PHYS 112
 2007005 1 TR 11:00-11:50 SHOGREN-KNAAK M
 MEETS: JAN 13-MAY 8
 2007010 2 ARRANGED
 MEETS: JAN 13-MAY 8

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

 SEE DEPT FOR REFERENCE NUMBERS

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

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

DEPARTMENT SEMINAR BBMB 682 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2035005 1 R 4:10-6:00PM
 MEETS: JAN 13-MAY 8

UNDERGRAD RESEARCH BBMB 499 1- 5 CREDITS
 Prereq: PERMISSION OF FACULTY MEMBER WITH WHOM
 STUDENT PROPOSES TO WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR BBMB 696 1 CREDIT
 Satisfactory-Fail Only.
 8831005 1 W 4:10-5:30 BASSHAM D
 MEETS: JAN 13-MAY 8

MEMBRANE BIOCHMSTRY BBMB 506 2 CREDITS
 Prereq: CHEM 332 OR EQUIVALENT
 4203005 1 MTRF 1:10-2:00 UNDERBAKKE E
 MEETS: JAN 13-MARCH 6

SEM N MOLEC, C, DV BIO BBMB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2020
 2037005 1 M 3:10-5:00
 MEETS: JAN 13-MAY 8

BIOCHM NUCLEIC ACID BBMB 507 2 CREDITS
 Prereq: CHEM 332 OR EQUIVALENT
 5083005 1 MTRF 1:10-2:00 NELSON S
 MEETS: MARCH 9-MAY 8

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

BIOINFORMATICS&COMPUTATIONAL BIOL-UG

INTRO DNA TECHNIQS BBMB 542A 1 CREDIT
 Satisfactory-Fail Only.
 7099005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

FUND SYST BIOL&NTWK BCBIO 402 3 CREDITS
 Prereq: BIOL 212
 4622005 1 TR 12:40-2:00 GU X
 MEETS: JAN 13-MAY 8

INTR PROTEIN TECHNQ BBMB 542B 1 CREDIT
 Satisfactory-Fail Only.
 6816005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

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

INTRO CELL TECHNIQS BBMB 542C 1 CREDIT
 Satisfactory-Fail Only.
 7101005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

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
 Instructor permission required.
 4721005 1 ARRANGED
 MEETS: JAN 13-MAY 8

BIOINFORMATICS AND COMPUTATIONAL BIOL

COMPUTATNL BIOCHEM BBMB 551X 2 CREDITS
 Prereq: BBMB 404 OR EQUIVALENT
 0464005 1 TR 2:10-3:00 JERNIGAN R
 MEETS: JAN 13-MAY 8

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

MOLECULR BIOPHYSICS BBMB 561 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 324 & CHEM
 325
 1768005 1 TR 11:00-11:50
 MEETS: JAN 13-MAY 8
 1768010 2 ARRANGED
 MEETS: JAN 13-MAY 8

STAT BIOINFORMATICS BCB 568 3 CREDITS
 Prereq: BCB 567, OR BIOL 315 AND STAT 430;
 CREDIT OR ENROLLMENT IN GEN 409
 2081005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

MOLECUL BIOPHYS LAB BBMB 561L 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN BBMB 461/561
 1796005 1 T 7:10-8:00PM SHOGREN-KNAAK M
 W 9:00-11:50 SHOGREN-KNAAK M
 MEETS: JAN 13-MAY 8
 1796010 2 T 7:10-8:00PM
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 1796015 3 T 7:10-8:00PM
 F 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 1796020 4 T 7:10-8:00PM
 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 1796025 5 T 7:10-8:00PM
 F 9:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Materials and equipment use fee \$150.00
 1796030 6 T 7:10-8:00PM
 F 12:10-3:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8

SPECIAL TOPICS BBMB 590 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS BCB 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** 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 1 R 5:10-9:00PM MACINTOSH G
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

WKSHP BIOINFORMATCS BCB 593 1 CREDIT
 7397005 1 W 9:00-9:50
 MEETS: JAN 13-MAY 8

BIOCH EUCARYOT GENE BBMB 676 2 CREDITS
 Prereq: BBMB 404 OR BBMB 501, BBMB 405 OR
 BBMB 502 OR GDCE 511
 1848005 1 TR 2:10-3:00
 MEETS: JAN 13-MAY 8

COOPERATIVE EDUCATN BCB 598 R CREDIT
 Prereq: PERMISSION OF THE PROGRAM CHAIR
 1828005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADVANCED SEMINAR BBMB 681 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2034005 1 T 4:10-6:00PM
 MEETS: JAN 13-MAY 8

STUDT SEMINR BIOINF BCB 690 1 CREDIT
 7830005 1 W 4:10-5:00
 MEETS: JAN 13-MAY 8

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS
 7827005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

BIOLOGICAL/PRE-MEDICAL ILLUSTRATION

ILLUSTRATN&I SOFTWR BPM I 326 3 CREDITS
 Prereq: ARTIS 323/BPM I 323, OR PERMISSION OF
 INSTRUCTOR
 Note: Instructor permission required 1st week.
 1857005 1 MW 6:10-9:00PM
 MEETS: JAN 13-MAY 8

BIOLOGICAL/PRE-MEDICAL ILLUSTRATION (CONTINUED)

BIOLOGY (CONTINUED)

APP SCI ILLUST TCNQ BPM I 337 3 CREDITS
 Prereq: ARTIS 327
 9105005 1 TR 2:10-5:00
 MEETS: JAN 13-MAY 8

FIELD ILLUSTRATION BPM I 395 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 2 CREDIT SPRING 2020
 7996005 1 F 12:10-2:00
 MEETS: JAN 13-MAY 8

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

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

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 HENDERSON E
 MEETS: JAN 13-MAY 8
 2064010 2 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 2064600 XV ARRANGED PLEASANTS J
 MEETS: MARCH 9-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW
 2064605 XW ARRANGED PLEASANTS J
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

OPPORTUNITI IN BIOL BIOL 111 .5 CREDIT
 Satisfactory-Fail Only.
 7407005 1 ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: Course delivery is WWW

ORIENT TRANSFR STDT BIOL 112 R CREDIT
 Satisfactory-Fail Only.
 8242005 1 ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: Course delivery is WWW

HUMAN BIOLOGY BIOL 155 3 CREDITS
 Note: CREDIT IN BIOL 155 MAY NOT BE APPLIED
 TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
 7079005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 7079600 XW ARRANGED BASTAWROS H
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ENVIRONMNTL BIOLOGY BIOL 173 3 CREDITS
 Note: CREDIT IN BIOL 173 MAY NOT BE APPLIED
 TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
 2015600 XW ARRANGED PLEASANTS J
 MEETS: JAN 13-MAY 8
 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 1 TR 9:00-10:50
 MEETS: MARCH 9-MAY 8

PRIN OF BIOLOGY I BIOL 211 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY
 9468005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 9468010 2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 9468015 3 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 211
 9470005 1 T 8:00-10:50
 MEETS: JAN 13-MAY 8
 9470010 2 T 11:00-1:50
 MEETS: JAN 13-MAY 8
 9470015 3 T 2:10-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO BC BIO, GEN & GEN S MAJORS
 9470020 4 W 8:00-10:50
 MEETS: JAN 13-MAY 8
 9470025 5 W 11:00-1:50
 MEETS: JAN 13-MAY 8
 9470030 6 W 2:10-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC 6 RESTRICTED TO BC BIO, GEN & GEN S MAJORS
 9470035 7 R 8:00-10:50
 MEETS: JAN 13-MAY 8

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT
 9470040 8 R 11:00-1:50
 MEETS: JAN 13-MAY 8
 9470045 9 R 2:10-5:00
 MEETS: JAN 13-MAY 8
 9470050 10 T 8:00-10:50
 MEETS: JAN 13-MAY 8
 9470055 11 T 11:00-1:50
 MEETS: JAN 13-MAY 8
 9470060 12 T 2:10-5:00
 MEETS: JAN 13-MAY 8
 9470065 13 W 8:00-10:50
 MEETS: JAN 13-MAY 8
 9470070 14 W 11:00-1:50
 MEETS: JAN 13-MAY 8
 9470075 15 W 2:10-5:00
 MEETS: JAN 13-MAY 8
 9470080 16 R 11:00-1:50
 MEETS: JAN 13-MAY 8
 Note: SEC 16 RESTRICTED TO BC BIO, GEN, GEN S MAJORS

PRIN OF BIOLOGY II BIOL 212 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY; H.S. CHEMISTRY OR
 CREDIT OR ENROLLMENT IN CHEM 163 OR CHEM 177
 9469005 1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8
 9469010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 9469015 3 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
 9469020 4 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 9469600 XW ARRANGED KUKDAY S
 MEETS: JAN 13-MAY 8
 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 13-MAY 8
 9471010 2 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471015 3 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 9471020 4 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471025 5 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471030 6 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 9471035 7 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471040 8 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471045 9 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 9471050 10 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471055 11 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471060 12 M 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471065 13 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471070 14 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 9471075 15 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471080 16 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471085 17 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 9471090 18 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471095 19 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471100 20 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 9471105 21 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471110 22 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471115 23 M 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471120 24 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471125 25 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 9471130 26 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471135 27 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471140 28 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 9471145 29 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471150 30 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471155 31 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 9471160 32 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471165 33 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8

BIOLOGY

(CONTINUED)

PRIN BIOLOGY LAB II BIOL 212L 1 CREDIT
 9471170 34 M 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471175 35 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471180 36 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 9471185 37 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471190 38 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471195 39 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 9471200 40 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471205 41 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 9471210 42 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 9471215 43 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 9471220 44 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8

BIOL PROC IN ENVIRN BIOL 251 3 CREDITS
 1753005 1A MWF 10:00-10:50 BIEDERMAN L
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
 1753010 1B MWF 10:00-10:50 BIEDERMAN L
 MEETS: JAN 13-MAY 8
 1753015 1C MWF 10:00-10:50 BIEDERMAN L
 MEETS: JAN 13-MAY 8
 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 13-MAY 8

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 13-MAY 8
 6419010 2 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 6419015 3 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 6419020 4 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 6419025 5 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 6419030 6 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 6419035 7 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 6419040 8 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 6419045 9 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 6419050 10 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 6419055 11 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 6419060 12 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 6419065 13 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 6419070 14 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 6419075 15 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 6419080 16 R 12:10-3:00
 MEETS: JAN 13-MAY 8

PRINCIP OF GENETICS BIOL 313 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 9472005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 9472600 XW ARRANGED KUKDAY S
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

GENETICS LABORATORY BIOL 313L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 313
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 9473005 1 MW 9:00-10:20
 MEETS: JAN 13-MAY 8
 9473010 2 MW 10:30-11:50
 MEETS: JAN 13-MAY 8
 9473015 3 MW 10:30-11:50
 MEETS: JAN 13-MAY 8
 9473020 4 MW 1:10-2:30
 MEETS: JAN 13-MAY 8

BIOLOGY

(CONTINUED)

GENETICS LABORATORY BIOL 313L 1 CREDIT
 9473025 5 MW 1:10-2:30
 MEETS: JAN 13-MAY 8
 9473030 6 MW 3:10-4:30
 MEETS: JAN 13-MAY 8
 9473035 7 TR 9:00-10:20
 MEETS: JAN 13-MAY 8
 9473040 8 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 9473045 9 TR 1:10-2:30
 MEETS: JAN 13-MAY 8
 9473050 10 TR 3:10-4:30
 MEETS: JAN 13-MAY 8
 9473055 11 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 9473060 12 TR 1:10-2:30
 MEETS: JAN 13-MAY 8

PRIN MOLEC CELL BIO BIOL 314 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.
 9474005 1 MWF 2:10-3:00 BECRAFT P
 MEETS: JAN 13-MAY 8

BIOLOGICAL EVOLUTN BIOL 315 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.
 5604005 1 TR 2:10-3:30 VALENZUELA N
 MEETS: JAN 13-MAY 8

PRIN HUMN&N PHYSOL BIOL 335 3 CREDITS
 Prereq: BIOL 211, BIOL 212
 7095005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

PRIN HUM&N PHY LAB BIOL 335L 1 CREDIT
 3684005 1 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 3684010 2 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 3684015 3 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 3684020 4 R 12:10-3:00
 MEETS: JAN 13-MAY 8

HUMAN REPRODUCTION BIOL 344 3 CREDITS
 Prereq: BIOL 212
 7084005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
 7084010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

GENOME PRSPCTV BIOL BIOL 349 3 CREDITS
 Prereq: GEN 313 OR GEN 320
 9692005 1 T 3:40-5:30
 R 3:40-5:30
 MEETS: JAN 13-MAY 8

COMPA CHORDATE ANAT BIOL 351 5 CREDITS
 Prereq: BIOL 212, JUNIOR CLASSIFICATION
 7090005 1A TR 9:30-10:50 MOST C
 MW 12:10-2:00 SPALDING B
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 7090010 1B TR 9:30-10:50 MOST C
 MW 12:10-2:00 SPALDING B
 MEETS: JAN 13-MAY 8
 7090015 2A TR 9:30-10:50 MOST C
 TR 12:10-2:00 MOST C
 MEETS: JAN 13-MAY 8
 Note: SEC 2A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 7090020 2B TR 9:30-10:50 MOST C
 TR 12:10-2:00 MOST C
 MEETS: JAN 13-MAY 8
 7090025 3A TR 9:30-10:50 MOST C
 MW 2:10-4:00 SPALDING B
 MEETS: JAN 13-MAY 8

Note: SEC 3A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 7090030 3B TR 9:30-10:50 MOST C
 MW 2:10-4:00 SPALDING B
 MEETS: JAN 13-MAY 8
 7090035 4A TR 9:30-10:50 MOST C
 MW 4:10-6:00PM SPALDING B
 MEETS: JAN 13-MAY 8
 Note: SEC 4A RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 7090040 4B TR 9:30-10:50 MOST C
 MW 4:10-6:00PM SPALDING B
 MEETS: JAN 13-MAY 8

BIOLOGY

(CONTINUED)

INTRO PARASITOLOGY BIOL 353 3 CREDITS
 Prereq: BIOL 212
 7088005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

PLANTS & PEOPLE BIOL 355 3 CREDITS
 Prereq: BIOL 211, BIOL 211L
 2082005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI, P VET MAJORS ONLY
 2082010 2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

PLANT SYSTEMATICS BIOL 366 4 CREDITS
 Prereq: BIOL 211
 2084005 1A TR 12:40-2:00
 T 2:10-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI, P VET MAJORS ONLY
 2084010 1B TR 12:40-2:00
 T 2:10-5:00
 MEETS: JAN 13-MAY 8
 2084015 2A TR 12:40-2:00
 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC 2A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI, P VET MAJORS ONLY
 2084020 2B TR 12:40-2:00
 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 2084025 3A TR 12:40-2:00
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 3A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI, P VET MAJORS ONLY
 2084030 3B TR 12:40-2:00
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 2084035 4A TR 12:40-2:00
 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 4A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI, P VET MAJORS ONLY
 2084040 4B TR 12:40-2:00
 R 9:00-11:50
 MEETS: JAN 13-MAY 8

ECO&ENVIRON SCI GIS BIOL 370 1- 6 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL SCIENCES; PERMISSION OF INSTRUCTOR Satisfactory-Fail Only.
 9445005 1 ARRANGED LU C
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.
 9445010 2 ARRANGED LU C
 MEETS: JAN 13-MAY 8
 9445015 3 ARRANGED LU C
 MEETS: JAN 13-MAY 8
 Note: SEC 3 OFFERED FOR 3 CREDITS SPRING 2020

ANALYS ENVIRON SYST BIOL 382 3 CREDITS
 Prereq: ENSCI 381
 4805005 1A ARRANGED WANAMAKER A
 TR 11:00-1:00 WANAMAKER A
 MEETS: JAN 13-MAY 8
 4805010 1B ARRANGED WANAMAKER A
 TR 11:00-1:00 WANAMAKER A
 MEETS: JAN 13-MAY 8
 4805015 2A ARRANGED, TR 1:10-3:00 WANAMAKER A
 MEETS: JAN 13-MAY 8
 4805020 2B ARRANGED, TR 1:10-3:00 WANAMAKER A
 MEETS: JAN 13-MAY 8
 4805025 3A ARRANGED, TR 3:10-5:00 WANAMAKER A
 MEETS: JAN 13-MAY 8
 4805030 3B ARRANGED, TR 3:10-5:00 WANAMAKER A
 MEETS: JAN 13-MAY 8

PRE-FLD TRIP SEMINR BIOL 393A 1 CREDIT
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 1918005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECT 1 PREP TRAVEL TO BOUNDARY WATERS SPRING 2020
 Instructor permission required.

N AMERIC FIELD TRIP BIOL 393B 1- 3 CREDITS
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 Note: TRAVEL TO BOUNDARY WATERS SPRING 2020
 1921005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

BIOLOGY

(CONTINUED)

INTL FIELD TRIP SEM BIOL 394A 1 CREDIT
 Prereq: TWO COURSES IN THE BIOLOGICAL SCIENCES AND BY APPROVAL OF APPLICATION
 Note: Meets international perspectives reqmt Satisfactory-Fail Only.
 3167005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Department permission required.
 3167800 HN ARRANGED SAKAGUCHI D
 MEETS: JAN 13-MAY 8
 Note: SEC HN TAUGHT IN HONDURAS. INTERNATIONAL FIELD TRIPS IN BIOLOGY: CARIBBEAN MARINE BIOLOGY SPRING 2020
 TRAVEL MARCH 15-22
 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 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Department permission required.
 3223800 HN ARRANGED SAKAGUCHI D
 MEETS: JAN 13-MAY 8
 Note: SEC HN TAUGHT IN HONDURAS. INTERNATIONAL FIELD TRIPS IN BIOLOGY: CARIBBEAN MARINE BIOLOGY SPRING 2020
 TRAVEL MARCH 15-22
 Study Abroad Administrative Fee Applies

INTRO TO PATHOLOGY BIOL 402 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
 4985005 1 TR 4:10-5:30
 MEETS: JAN 13-MAY 8

PLANT MOLECULAR BIO BIOL 420X 3 CREDITS
 Prereq: BIOL 211, BIOL 212
 0521005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

DEVELOPMENTAL BIOL BIOL 423 3 CREDITS
 Prereq: BIOL 313
 7103005 1A MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI, P VET MAJORS ONLY
 7103010 1B MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI, P VET MAJORS ONLY
 5680010 1B TR 12:10-1:30
 MEETS: JAN 13-MAY 8
 5680015 2A TR 1:40-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC 2A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI, P VET MAJORS ONLY
 5680020 2B TR 1:40-3:00
 MEETS: JAN 13-MAY 8
 5680025 3A TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 3A RESTRICTED TO BIOL, BIOLA, GEN, GEN S MAJORS ONLY
 5680030 3B TR 9:30-10:50
 MEETS: JAN 13-MAY 8

TOPICS CELL BIOLOGY BIOL 428 3 CREDITS
 Prereq: BIOL 314
 7102005 1 TR 9:30-10:50 BASSHAM D
 MEETS: JAN 13-MAY 8

BRYOPHYT&LICHN DVRS BIOL 455 3 CREDITS
 Prereq: BIOL 211 AND BIOL 211L
 8909005 1 MR 4:10-6:30PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI, P VET MAJORS ONLY
 8909010 2 MR 4:10-6:30PM
 MEETS: JAN 13-MAY 8

ORNITHOLOGY BIOL 458 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2140005 1 MW 10:00-10:50 DINSMORE S
 MEETS: JAN 13-MAY 8

BIOLOGY

(CONTINUED)

ORNITHOLOGY LAB BIOL 458L 1 CREDIT
 Prereq: BIOL 351 OR BIOL 365 OR A ECL 365;
 CONCURRENT ENROLLMENT IN A ECL 458 OR BIOL 458 REQ'D
 9658005 1 T 7:00-9:50 DINSMORE S
 MEETS: JAN 13-MAY 8
 9658010 2 W 7:00-9:50 DINSMORE S
 MEETS: JAN 13-MAY 8

MAMMALOLOGY BIOL 459 2 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2155005 1 MW 2:10-3:00 RENTZ M
 MEETS: JAN 13-MAY 8
 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 13-MAY 8
 9660010 2 W 9:00-11:50 RENTZ M
 MEETS: JAN 13-MAY 8
 9660015 3 R 9:00-11:50 RENTZ M
 MEETS: JAN 13-MAY 8

MACROEVOLUTION BIOL 465 3 CREDITS
 Prereq: BIOL 315
 9902005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

INTRO CONSERVA BIOL BIOL 471 3 CREDITS
 Prereq: BIOL 312
 8907005 1 MWF 1:10-2:00 SCHIELTZ J
 MEETS: JAN 13-MAY 8

COMMUNITY ECOLOGY BIOL 472 3 CREDITS
 Prereq: BIOL 312
 2100005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET
 MAJORS ONLY
 2100010 2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

PLANT ECOLOGY BIOL 474 3 CREDITS
 Prereq: BIOL 312
 2099005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 2099010 2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

ECOSYSTEM ECOLOGY BIOL 484 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOL, CHEM & PHYS
 8689005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A ECL, AN S, BIOL, BIOLA,
 BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI,
 P VET MAJORS ONLY
 8689010 2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

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

 SEE DEPT FOR REFERENCE NUMBERS

IND STU BIOL RESRCH BIOL 490H 1- 6 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

UG TEACHNG EXPERNCE BIOL 491 1- 2 CREDITS
 Prereq: PERMISSION OF SUPERVISING STAFF
 Note: NO MORE THAN 2 CREDITS IN BIOL 491 MAY BE
 APPLIED TOWARD BIOLOGY ADVANCED COURSE DEGREE
 REQUIREMENTS
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR BIOL 495 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BIOL 498 R CREDIT
 Prereq: PERMISSION OF THE BIOLOGY PROGRAM
 COOPERATIVE EDUCATION COORDINATOR
 4546005 1 ARRANGED
 MEETS: JAN 13-MAY 8

BIOLOGY

(CONTINUED)

UG RESEARCH EXPRNCE BIOL 499 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS IN BIOL 499 MAY BE APPLIED
 TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE
 APPLIED TOWARD THE BIOLOGY ADVANCED COURSE REQUIREMNT

 SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL ENGINEERING

INTRO BIOMEDIC ENGR B M E 220 3 CREDITS
 Prereq: BIOL 212, ENGR 160 OR EQUIV, MATH 166,
 CHEM 167 OR CHEM 178, PHYS 222
 3041600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

BIOMEMS & NANOTECHNL B M E 341 3 CREDITS
 Prereq: B M E 220 OR BIOE 220
 3043005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

BIOSENSORS B M E 450 3 CREDITS
 0478005 1 TR 5:40-7:00PM
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY B M E 490 1- 6 CREDITS
 Prereq: PERMISSION OF CHAIR FOR BIOENGINEERING
 MINOR

 SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL SCIENCES

AN&PHYSL DOMES ANIM B M S 329 3 CREDITS
 Prereq: BIOL 212, 212L
 6968005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

PRIN MORPHOLOGY II B M S 331 4 CREDITS
 Prereq: 330, FIRST-YEAR CLASSIFICATION IN
 VET MED
 Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
 6009005 1 T 1:10-2:00
 R 2:10-3:00
 F 2:10-4:00
 R 3:10-5:00
 MEETS: JAN 13-MAY 8

BIOMEDICAL SCIEN II B M S 334 6 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 1936005 1 MTR 8:00-8:50
 WF 10:00-10:50
 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 1936010 2 MTR 8:00-8:50
 WF 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 13-MAY 8

NEUROANATOMY B M S 337 3 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
 6833005 1 MW 9:00-9:50
 M 10:00-11:50
 MEETS: JAN 13-MAY 8
 6833010 2 MW 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 13-MAY 8

CASE STUDY II B M S 346 1 CREDIT
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 6458005 1 F 1:10-2:00
 MEETS: JAN 13-MAY 8

GENERAL PHARMACOLGY B M S 354 3 CREDITS
 Prereq: B M S 333, B M S 334
 3518005 1 MR 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 8

INTR AQUAT ANIM MED B M S 401 1 CREDIT
 2729005 1 T 7:10-9:00PM
 MEETS: MARCH 9-MAY 8

PRINCPLS PHARMACLGY B M S 439 4 CREDITS
 9702005 1 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 8
 9702010 2 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 8

PRIN HUMN GROS ANAT B M S 448X 4 CREDITS
 Prereq: BIOL 255 OR EQUIVALENT AND AN
 INTRODUCTORY BIOLOGY COURSE
 0252005 1 MW 2:10-5:00
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$100.00

BIOMEDICAL SCIENCES (CONTINUED)

BIOMEDICAL SCIENCES (CONTINUED)

INDEPENDENT STUDY B M S 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS B M S 490H 1- 5 CREDITS
 Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MTHD BIOMED SCI B M S 501 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A B M S FACULTY MEMBER
 6978005 1 ARRANGED
 MEETS: JAN 13-MAY 8

MTHDS IN BIOMED SCI B M S 502 3 CREDITS
 5084005 1 TR 1:10-4:00
 MEETS: JAN 13-MAY 8

PRIN MORPHOLOGY II B M S 531 4 CREDITS
 Prereq: 530
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 6678005 1 T 1:10-2:00
 R 2:10-3:00
 F 2:10-4:00
 R 3:10-5:00
 MEETS: JAN 13-MAY 8

BIOMEDICAL SCIEN II B M S 534 6 CREDITS
 Prereq: FIRST YEAR CLASSIFICATION IN V MED OR GRADUATE STUDENT STATUS
 9325005 1 MTR 8:00-8:50
 WF 10:00-10:50
 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 9325010 2 MTR 8:00-8:50
 WF 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 13-MAY 8

NEUROANATOMY B M S 537 3 CREDITS
 Prereq: 10 CR IN BIOL SCIENCE & INSTR PERMISSION
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 6847005 1 MW 9:00-9:50
 M 10:00-11:50
 MEETS: JAN 13-MAY 8
 6847010 2 MW 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 13-MAY 8

PRINCPLS PHARMACLGY B M S 539 4 CREDITS
 Prereq: A PHYSIOLOGY COURSE: B M S 329, BIOL 335, BIOL 336 OR THE EQUIVALENT
 5094005 1 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 8
 5094010 2 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 8

INTRO DNA TECHNIQS B M S 542A 1 CREDIT
 Satisfactory-Fail Only.
 7133005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTR PROTEIN TECHNQ B M S 542B 1 CREDIT
 Satisfactory-Fail Only.
 6828005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTRO CELL TECHNIQS B M S 542C 1 CREDIT
 Satisfactory-Fail Only.
 7135005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

GENERAL PHARMACOLGY B M S 554 3 CREDITS
 Prereq: B M S 549, B M S 552, BBMB 404, BBMB 405
 3531005 1 MR 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 8

SPCL TOPICS ANATOMY B M S 590A 1- 7 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PHYSIOLOGY B M S 590B 1- 7 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC PHARMACOL B M S 590C 1- 7 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS CELL BIOL B M S 590D 1- 7 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT B M S 599 1- 3 CREDITS
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH REVIEW B M S 688 1 CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 8961005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

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

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

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

SEMINAR B M S 698A R CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 5776005 1 R 12:10-1:00
 MEETS: JAN 13-MAY 8

SEMINAR B M S 698B 1 CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 Satisfactory-Fail Only.
 6995005 1 R 12:10-1:00
 MEETS: JAN 13-MAY 8

SEMINAR B M S 698C 1 CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 9735005 1 R 12:10-1:00
 MEETS: JAN 13-MAY 8

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

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

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

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

BIORENEWABLE CHEMICALS

CATALYTIC PROCESSES BR C 688 3 CREDITS
 Prereq: CH E 382
 7165005 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

BIORENEWABLE RESOURCES & TECHNOLOGY

FUND BIORENEW RESOU BRT 501 3 CREDITS
 Prereq: RECOMMENDED: INTRODUCTORY PHYSICS AND CHEMISTRY
 6534005 1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

BIOBASE SEM PRESNTN BRT 506C 1 CREDIT
 Satisfactory-Fail Only.
 2383005 1 ARRANGED
 MEETS: JAN 13-MAY 8

BIORNBLS LAW&POLCY BRT 515 3 CREDITS
 4316005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8 WANG Y

THRMOCHM PROC BIOMS BRT 535 3 CREDITS
 Prereq: UNDERGRAD COURSEWORK IN THERMODYNAMICS AND TRANSPORT PHENOMENA
 4858005 1 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

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

BIORENEWABLE RESOURCES & TECHNOLOGY (CONTINUED)

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

BUSINESS ADMINISTRATION

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

9404005	1	M 8:00-8:50	MUSSELMAN R
9404010	2	M 4:10-5:00	TAPP M
9404015	3	W 8:00-8:50	FISHER T
9404020	4	F 8:00-8:50	TAPP M
9404025	5	W 4:10-5:00	TAPP M
9404030	6	F 1:10-2:00	HAYTKO A

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	
8860010	2	M 1:10-2:00	
8860015	3	T 12:40-1:30	
8860020	4	M 4:10-5:00	
8860025	5	T 5:10-6:00PM	
8860030	6	W 12:10-1:00	
8860035	7	R 12:40-1:30	
8860040	8	W 4:10-5:00	
8860045	9	W 1:10-2:00	
8860050	10	F 12:10-1:00	
8860055	11	M 3:10-4:00	
8860060	12	W 3:10-4:00	

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	WRIGHT A
8807010	A2	MWF 8:00-8:50	WRIGHT A
8807015	B1	MWF 9:00-9:50	WRIGHT A
8807020	B2	MWF 9:00-9:50	WRIGHT A
8807025	C1	MWF 10:00-10:50	KRAFT B
8807030	C2	MWF 10:00-10:50	KRAFT B
8807035	D1	MWF 11:00-11:50	KRAFT B
8807040	D2	MWF 11:00-11:50	KRAFT B
8807045	E1	MWF 12:10-1:00	FLORER T
8807050	E2	MWF 12:10-1:00	FLORER T
8807055	F1	MWF 1:10-2:00	WRIGHT A
8807060	F2	MWF 1:10-2:00	WRIGHT A
8807065	G1	MWF 3:10-4:00	WRIGHT A
8807070	G2	MWF 3:10-4:00	WRIGHT A
8807075	J1	TR 2:10-3:25	FLORER T
8807080	J2	TR 2:10-3:25	FLORER T
8807085	K1	MW 5:10-6:25PM	FLORER T
8807090	K2	MW 5:10-6:25PM	FLORER T
8807095	L1	TR 8:00-9:20	FLORER T
8807100	L2	TR 8:00-9:20	FLORER T
8807105	M1	MWF 12:10-1:00	KRAFT B
8807110	M2	MWF 12:10-1:00	KRAFT B
8807115	N1	TR 9:30-10:50	FLORER T
8807120	N2	TR 9:30-10:50	FLORER T

BUSINESS ADMINISTRATION (CONTINUED)

ENTREPRENSHP SEMINR BUSAD 292 1 CREDIT
 8304005 1 T 2:10-3:25 EYLES J
 MEETS: JAN 13-MAY 8

EXP DOMESTIC INTERNS BUSAD 391A 1 CREDIT
 Prereq: 12 CREDITS FROM COLLEGE OF BUSINESS;
 WRITTEN APPROVAL OF CAREER SERVICES INTERNSHIP
 COORDINATOR ON REQUIRED FORM PRIOR TO THE LEARNING
 EXPERIENCE
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXP INT'L INTERNSHP BUSAD 391B 1 CREDIT
 Prereq: 12 CREDITS FROM COLLEGE OF BUSINESS;
 WRITTEN APPROVAL OF CAREER SERVICES INTERNSHIP
 COORDINATOR ON REQUIRED FORM PRIOR TO THE LEARNING
 EXPERIENCE
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BUSAD 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS
 COLLEGE PERMISSION REQUIRED. GO TO 1320 GERDIN.
 Satisfactory-Fail Only.
 6147005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: College permission required - go to
 1200 Gerdin.

IND STDY ENTREPRENR BUSAD 490E 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION; PERMISSION
 OF INSTRUCTOR
 Note: Instructor permission required.
 3635005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

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

MBA PRO SKIL DEV II BUSAD 594 R CREDIT
 Prereq: 592
 Satisfactory-Fail Only.
 9425005 1 F 7:30-10:50
 MEETS: JAN 17-APRIL 10

COOPERATIVE EDUCATN BUSAD 598 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 Instructor permission required.
 Satisfactory-Fail Only.
 7906005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

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

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

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

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

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

BUSINESS ADMINISTRATION

(CONTINUED)

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 1 MW 12:10-1:00
ARRANGED
MEETS: JAN 13-MAY 8
- 2778010 2 MW 1:10-2:00, ARRANGED
MEETS: JAN 13-MAY 8
- 2778015 3 MW 2:10-3:00, ARRANGED
MEETS: JAN 13-MAY 8

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

- 2531005 1 ARRANGED
MEETS: JAN 13-MAY 8

MATRL &ENERGY BALNC CH E 210 3 CREDITS

- 2429005 1 MWF 10:00-10:50
MEETS: JAN 13-MAY 8

INTRO BIOMEDIC ENGR CH E 220 3 CREDITS
 Prereq: BIOL 212, ENGR 160 OR EQUIV, MATH 166,
 CHEM 167 OR CHEM 178, PHYS 221

- 8998600 XW ARRANGED MANSSELL T
MEETS: JAN 13-MAY 8
- Note: Section XW is off campus
 Course delivery is WWW

COMPUT MTHDS CHEM E CH E 310 3 CREDITS

- 2104005 1 TR 2:10-3:30
MEETS: JAN 13-MAY 8
- 2104010 2 TR 12:40-2:00
MEETS: JAN 13-MAY 8

CHEMICAL ENGR LAB I CH E 325 2 CREDITS
 Prereq: CH E 357, CH E 381; CREDIT OR ENROLLMENT
 IN ENGL 314 OR ENGL 309 OR ENGL 312 OR JL MC 347

- 5699005 1 MW 12:10-2:00
MEETS: JAN 13-MAY 8
Note: Instructor permission required 1st week.
- 5699010 2 MW 2:10-4:00
MEETS: JAN 13-MAY 8
Note: MATERIALS FEE: \$65.00
- 5699015 3 MW 12:10-2:00
MEETS: JAN 13-MAY 8
Note: MATERIALS FEE: \$65.00
- 5699020 4 MW 2:10-4:00
MEETS: JAN 13-MAY 8
Note: MATERIALS FEE: \$65.00

TRANSPRT PHENOMEN I CH E 356 3 CREDITS
 Prereq: CH E 205, CH E 210, PHYS 221;
 CREDIT OR ENROLLMENT IN MATH 267

- 2435005 1 MWF 11:00-11:50
MEETS: JAN 13-MAY 8
- 2435010 2 MWF 2:10-3:00
MEETS: JAN 13-MAY 8

TRANSPRT PHENOMN II CH E 357 3 CREDITS
 Prereq: CH E 356

- 2436005 1 MWF 2:10-3:00
MEETS: JAN 13-MAY 8

SEPARATIONS CH E 358 3 CREDITS
 Prereq: CH E 310, CH E 357, CH E 381

- 2437005 1 MWF 9:00-9:50
MEETS: JAN 13-MAY 8
- 2437010 2 MWF 9:00-9:50
MEETS: JAN 13-MAY 8

CH E THERMODYNAMICS CH E 381 3 CREDITS
 Prereq: MATH 267, PHYS 222, CHEM 325,
 CREDIT OR ENROLLMENT IN CH E 310

- 2438005 1 MWF 1:10-2:00
MEETS: JAN 13-MAY 8

CHEMICAL ENGINEERING

(CONTINUED)

CHEMICAL REACTN ENGR CH E 382 3 CREDITS
 Prereq: CH E 310, CH E 381; CREDIT OR ENROLLMENT
 IN CH E 357

- 2439005 1 MWF 8:00-8:50
MEETS: JAN 13-MAY 8

FOREIGN STDY ORIENT CH E 391 3 CREDITS

Prereq: CH E 357, CH E 381; CREDIT OR
 ENROLLMENT IN ENGL 314 OR ENGL 309 OR ENGL 312 OR
 JL MC 347
 Note: Meets international perspectives reqmt
 Instructor permission required 1st week.
 Satisfactory-Fail Only.

- 7162010 SP M 5:10-6:00PM
ARRANGED
MEETS: JAN 13-MAY 8

Note: STUDY ABROAD PREP: OVIEDO, SPAIN

COOPERATIVE EDUC CH E 398 R CREDIT

Prereq: CH E 298, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.

***** SEE DEPT FOR REFERENCE NUMBERS

ENVIR CHEMODYNAMICS CH E 406 3 CREDITS

Prereq: CH E 357, CH E 381

- 4532005 1 MWF 1:10-2:00
MEETS: JAN 13-MAY 8

BIOCHEMICAL ENGINEER CH E 415 3 CREDITS

Prereq: CH E 357, CHEM 331; BBMB 301 OR
 BBMB 303 OR BBMB 404

- 2446005 1 MWF 2:10-3:00
MEETS: JAN 13-MAY 8

CHEMC PROCSS SAFETY CH E 420 3 CREDITS

Prereq: CH E 357, CH E 381

Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.

- 7965005 1 MWF 8:00-8:50
MEETS: JAN 13-MAY 8

PROCESS CONTROL CH E 421 3 CREDITS

Prereq: CH E 358, CH E 382, MATH 267

- 2447005 1 TR 12:40-2:00
MEETS: JAN 13-MAY 8

CHEMICAL ENGR LAB II CH E 426 2 CREDITS

Prereq: CH E 325, CH E 358, CH E 382

Note: RESTRICTED TO CH E SENIORS GRADUATING SPRING 2020
 CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.

- 2448005 1 T 8:00-11:50
MEETS: JAN 13-MAY 8
- 2448010 2 T 2:10-6:00PM
MEETS: JAN 13-MAY 8
- 2448015 3 R 8:00-11:50
MEETS: JAN 13-MAY 8
- 2448020 4 R 2:10-6:00PM
MEETS: JAN 13-MAY 8

PROCES&PLANT DESIGN CH E 430 4 CREDITS

Prereq: CH E 358, CH E 382

Note: COURSE RESTRICTED TO CH E MAJORS GRADUATING
 SPRING 2020

- 2449005 1 MW 9:00-9:50
MW 10:00-11:50
MEETS: JAN 13-MAY 8

POLYMERS &POLY ENGR CH E 447 3 CREDITS

Prereq: CHEM 331; CH E 382 OR MAT E 351

- 7146005 1 MWF 12:10-1:00
MEETS: JAN 13-MAY 8

UG RESRCH/IND STUDY CH E 490 1- 6 CREDITS

Prereq: PERMISSION OF DEPARTMENT

Note: NO MORE THAN 6 CREDITS OF CH E 490 MAY BE
 APPLIED TOWARDS GRADUATION AS TECHNICAL ELECTIVES

***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS CH E 490H 1- 6 CREDITS

Prereq: MEMBERSHIP IN THE HONORS PROGRAM

Note: COURSE RESTRICTED TO 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 1 MWF 1:10-2:00
MEETS: JAN 13-MAY 8

CHEMICAL ENGINEERING (CONTINUED)

CHEMISTRY (CONTINUED)

BIOCHEMICAL ENGINEER CH E 515 3 CREDITS
 Prereq: CH E 357, CH E 382, CHEM 331
 2136005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

POLYMERS & POLY ENGR CH E 547 3 CREDITS
 Prereq: CH E 382 AND CHEM 331 OR MAT E 351
 9043005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

ADV CH REACTOR DSGN CH E 587 3 CREDITS
 Prereq: CH E 382
 2468005 1 MW 9:00-10:20
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY CH E 590 2- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SEMINAR CH E 601 R CREDIT
 Satisfactory-Fail Only.
 2479005 1 R 11:00-11:50
 MEETS: JAN 13-MAY 8

MULTIPHASE FLOW CH E 632 3 CREDITS
 Prereq: M E 538
 2678005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 2678600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

CATALYTIC PROCESSES CH E 688 3 CREDITS
 Prereq: CH E 382
 2469005 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

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

ADV TOPC BIOMATERIALS CH E 695K VAR. CREDITS
 Note: TOPIC: BIOMATERIALS & TISSUE ENGINEERING
 9723005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

ENGINEER INTERNSHIP CH E 697 R CREDIT
 Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF
 2116005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

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

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

CHEMISTRY

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS
 2489020 4 MWF 9:00-9:50
 R 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489025 5 MWF 9:00-9:50
 R 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489030 6 MWF 9:00-9:50
 R 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489035 7 MWF 9:00-9:50
 R 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489040 8 MWF 9:00-9:50
 R 11:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489045 9 MWF 9:00-9:50
 R 11:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489050 10 MWF 9:00-9:50
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489055 11 MWF 9:00-9:50
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489060 12 MWF 9:00-9:50
 R 1:10-2:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489065 13 MWF 9:00-9:50
 R 1:10-2:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489070 14 MWF 9:00-9:50
 R 2:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489075 15 MWF 9:00-9:50
 R 2:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489080 16 MWF 9:00-9:50
 R 3:10-4:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489085 17 MWF 9:00-9:50
 R 3:10-4:00
 MEETS: JAN 13-MAY 8

GENERAL CHEM LAB I CHEM 163L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 163
 Note: MUST BE ACCOMPANIED BY CHEM 163 UNLESS STUDENT ALREADY HAS CREDIT IN 163. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L

2490005 1 M 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2490010 2 M 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2490015 3 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2490020 4 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2490025 5 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2490030 6 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2490035 7 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2490040 8 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2490045 9 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2490050 10 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2490055 11 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2490060 12 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2490065 13 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2490070 14 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

COLLEGE CHEM PREP CHEM 50 0 CREDITS
 Prereq: ONE YEAR OF HIGH SCHOOL ALGEBRA
 Note: DEVELOPMENTAL CHEM FEE APPLIES. SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION ON FEE. CREDIT FOR CHEM 50 DOES NOT APPLY TOWARD GRADUATION.
 4523005 1 MTWRF 12:10-1:00
 MEETS: MARCH 9-MAY 8

ORIE PRO DEVEL OPP CHEM 101B 1 CREDIT
 Prereq: MEMBER OF THE CHEM LEARNING COMMUNITY
 Satisfactory-Fail Only.
 4761005 1 T 3:10-4:00
 MEETS: JAN 13-MAY 8

CHEM IN MOD SOCIETY CHEM 160 3 CREDITS
 2488005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS
 Prereq: 1 YR H.S. ALGEBRA AND GEOMETRY; CHEM 50 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR ENROLLMENT IN CHEM 163L
 Note: MUST BE ACCOMPANIED BY CHEM 163L UNLESS STUDENT ALREADY HAS CREDIT IN 163L. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201.
 2489005 1 MWF 9:00-9:50
 R 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489010 2 MWF 9:00-9:50
 R 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

2489015 3 MWF 9:00-9:50
 R 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

(CONTINUED)

GENERAL CHEM LAB I CHEM 163L 1 CREDIT
 2490075 15 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2490080 16 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2490085 17 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2490090 18 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2490095 19 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

ENGNRS GENERAL CHEM CHEM 167 4 CREDITS
 Prereq: ONE YEAR OF HIGH SCHOOL CHEMISTRY OR
 CHEM 50; MATH 143 PRE-CALCULUS OR HIGH SCHOOL EQUIV
 Note: RESTRICTED TO ENGR COLLEGE MAJORS OR OPEN. CREDIT
 FOR ONLY ONE OF THE FOLLOWING COURSES (AND
 ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION:
 CHEM 163, CHEM 167, CHEM 177, CHEM 201.
 2493005 1 MWF 9:00-9:50
 T 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2493010 2 MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2493015 3 MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2493020 4 MWF 9:00-9:50
 T 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2493055 5 MWF 9:00-9:50
 T 11:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2493030 6 MWF 9:00-9:50
 T 12:10-1:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2493035 7 MWF 9:00-9:50
 T 1:10-2:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2493040 8 MWF 9:00-9:50
 T 2:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2493045 9 MWF 9:00-9:50
 T 2:10-3:00
 MEETS: JAN 13-MAY 8
 2493050 10 MWF 9:00-9:50
 T 3:10-4:00
 MEETS: JAN 13-MAY 8
 2493060 11 MWF 9:00-9:50
 T 3:10-4:00
 MEETS: JAN 13-MAY 8

ENGINR GEN CHEM LAB CHEM 167L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 167
 Note: COURSE RESTRICTED TO ENGR COLLEGE & LAS OPEN.
 CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY
 BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L,
 CHEM 177L, CHEM 177N, CHEM 201L.
 2494005 1 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2494010 2 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
 Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR
 1 YR H.S. CHEM, CR OR ENROLLMENT IN CHEM 177L.
 CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
 Note: CHEM 177 MUST BE ACCOMPANIED BY CHEM 177L UNLESS
 STUDENT ALREADY HAS CREDIT IN 177L. CREDIT FOR ONLY
 ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS)
 MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167,
 CHEM 177, CHEM 201.
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>.
 2495005 1 MWF 10:00-10:50
 R 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495010 2 MWF 10:00-10:50
 R 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495015 3 MWF 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495020 4 MWF 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 13-MAY 8

CHEMISTRY

(CONTINUED)

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
 Section info: <http://courses.chem.iastate.edu>
 2495025 5 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495030 6 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495035 7 MWF 10:00-10:50
 R 11:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495040 8 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495045 9 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495050 10 MWF 10:00-10:50
 R 1:10-2:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495055 11 MWF 10:00-10:50
 R 2:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495060 12 MWF 10:00-10:50
 R 3:10-4:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495065 13 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495070 14 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495075 15 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 13-MAY 8
 2495080 16 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495085 17 MWF 12:10-1:00
 R 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495090 18 MWF 12:10-1:00
 R 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495095 19 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495100 20 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495105 21 MWF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495110 22 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495115 23 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495120 24 MWF 12:10-1:00
 R 2:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495125 25 MWF 12:10-1:00
 R 2:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2495130 26 MWF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 8

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 177
 Note: CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS
 STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY
 ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD
 GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L,
 CHEM 177N, CHEM 201L.
 2496005 1 M 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496010 2 M 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496015 3 M 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

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LAB GENERAL CHEM I CHEM 177L 1 CREDIT
 2496020 4 M 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496025 5 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496030 6 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496035 7 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496040 8 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496045 9 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496050 10 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496055 11 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496060 12 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496065 13 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496070 14 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496075 15 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496080 16 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496085 17 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496090 18 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496095 19 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496100 20 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496105 21 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496110 22 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496115 23 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496120 24 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496125 25 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496126 26 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496127 27 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496128 28 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496129 29 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2496130 30 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 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
 F 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499010 2 MW 1:10-2:00
 F 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499015 3 MW 1:10-2:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499020 4 MW 1:10-2:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

(CONTINUED)

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 2499025 5 MW 1:10-2:00
 F 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499030 6 MW 1:10-2:00
 F 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499035 7 MW 1:10-2:00
 F 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499040 8 MW 1:10-2:00
 F 11:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499045 9 MW 1:10-2:00
 F 11:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499050 10 MW 1:10-2:00
 F 11:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499055 11 MW 1:10-2:00
 F 12:10-1:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499060 12 MW 1:10-2:00
 F 12:10-1:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499065 13 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499070 14 MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499075 15 MW 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499080 16 MW 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499085 17 MW 1:10-2:00
 F 3:10-4:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499090 18 MW 3:10-4:00
 F 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499095 19 MW 3:10-4:00
 F 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499100 20 MW 3:10-4:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499105 21 MW 3:10-4:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499110 22 MW 3:10-4:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499115 23 MW 3:10-4:00
 F 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499120 24 MW 3:10-4:00
 F 11:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499125 25 MW 3:10-4:00
 F 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499130 26 MW 3:10-4:00
 F 11:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499135 27 MW 3:10-4:00
 F 12:10-1:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499140 28 MW 3:10-4:00
 F 12:10-1:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499145 29 MW 3:10-4:00
 F 1:10-2:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499150 30 MW 3:10-4:00
 F 1:10-2:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

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GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 2499155 31 MW 3:10-4:00
 F 2:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499160 32 MW 3:10-4:00
 F 2:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499165 33 MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499170 34 MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499175 35 TR 11:00-11:50
 F 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499180 36 TR 11:00-11:50
 F 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499185 37 TR 11:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499190 38 TR 11:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499195 39 TR 11:00-11:50
 F 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499200 40 TR 11:00-11:50
 F 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2499205 41 TR 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 13-MAY 8
 2499210 42 TR 11:00-11:50
 F 12:10-1:00
 MEETS: JAN 13-MAY 8
 2499215 43 TR 11:00-11:50
 F 12:10-1:00
 MEETS: JAN 13-MAY 8
 2499220 44 TR 11:00-11:50
 F 1:10-2:00
 MEETS: JAN 13-MAY 8
 2499225 45 TR 11:00-11:50
 F 1:10-2:00
 MEETS: JAN 13-MAY 8
 2499230 46 TR 11:00-11:50
 F 2:10-3:00
 MEETS: JAN 13-MAY 8
 2499235 47 TR 11:00-11:50
 F 3:10-4:00
 MEETS: JAN 13-MAY 8
 2499240 48 TR 11:00-11:50
 F 1:10-2:00
 MEETS: JAN 13-MAY 8

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
 Prereq: CHEM 177L AND CREDIT OR ENROLLMENT
 IN CHEM 178

Note: MUST BE ACCOMPANIED BY OR HAVE CREDIT IN 178.
 2500005 1 M 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500010 2 M 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500015 3 M 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500020 4 M 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500025 5 M 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500030 6 M 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500035 7 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500040 8 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500045 9 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500050 10 M 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500055 11 M 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500060 12 M 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

(CONTINUED)

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
 2500065 13 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500070 14 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500075 15 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500080 16 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500085 17 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500090 18 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500095 19 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500100 20 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500105 21 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500110 22 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500115 23 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500120 24 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500125 25 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500130 26 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500135 27 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500140 28 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500145 29 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500150 30 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500155 31 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500160 32 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500165 33 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500170 34 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500175 35 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500180 36 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500185 37 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500190 38 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500195 39 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500200 40 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2500205 41 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

QUANT&ENVIRO ANALY CHEM 211 2 CREDITS
 Prereq: CHEM 163 AND CHEM 163L, CHEM 201
 AND CHEM 201L; OR CREDIT OR ENROLLMENT IN CHEM 178;
 AND CONCURRENT ENROLLMENT IN CHEM 211L
 2503005 1 MW 11:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

(CONTINUED)

QNT&ENVIR ANALY LAB CHEM 211L 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 211
 3678005 1 MW 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 3678010 2 MW 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 3678015 3 TR 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 3678020 4 TR 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 3678025 5 TR 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

ELEM ORGANIC CHEM CHEM 231 3 CREDITS
 Prereq: 163,163L, OR 177,177L; CR OR ENR IN 231L
 Note: CREDIT FOR EITHER CHEM 231 OR BBMB 221, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER CHEM 231 (AND 231L) OR CHEM 331 (AND 331L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2504005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 231; 163L OR 177L
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 333L
 7900005 1 M 8:00-8:50
 M 9:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 7900010 2 M 12:10-1:00
 M 1:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 7900015 3 M 3:10-4:00
 M 4:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 7900020 4 M 6:10-7:00PM
 M 7:10-9:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 7900025 5 T 9:00-9:50
 T 10:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 7900030 6 T 12:10-1:00
 T 1:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 7900035 7 T 3:10-4:00
 T 4:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 7900040 8 T 6:10-7:00PM
 T 7:10-9:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 7900045 9 W 8:00-8:50
 W 9:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

FRESH&SOPH RESEARCH CHEM 299 VAR. CREDITS
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

INORGANIC CHEMISTRY CHEM 301 2 CREDITS
 2507005 1 MW 12:10-1:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 2511010 2 WF 2:10-3:00
 TR 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2511015 3 WF 2:10-3:00
 TR 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2511020 4 WF 2:10-3:00
 TR 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY

(CONTINUED)

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 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2515010 2 WF 2:10-3:00
 TR 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2515015 3 WF 2:10-3:00
 TR 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 2515020 4 WF 2:10-3:00
 TR 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

INTR QUANTUM MECHAN CHEM 324 3 CREDITS
 Prereq: CHEM 178, MATH 166. PHYS 222 RECOMMENDED.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 5202005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 5202010 2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

CHEMICAL THERMODYNAM CHEM 325 3 CREDITS
 Prereq: CHEM 178, MATH 166. PHYS 222 RECOMMENDED.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 5224005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 5224010 2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 5224015 3 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RECOMMENDED FOR AGBIO, CHEM & BIOCH MAJORS
 Section info: <http://courses.chem.iastate.edu>
 5224020 4 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 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.
 0321005 1 TR 4:10-5:00
 MEETS: MARCH 9-MAY 8

ORGANIC CHEMISTRY I CHEM 331 3 CREDITS
 Prereq: CHEM 178 OR CHEM 201, ENROLLMENT IN CHEM 331L HIGHLY RECOMMENDED
 Note: CREDIT FOR EITHER CHEM 331 (AND 331L) OR CHEM 231 (AND 231L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 2516005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
 Prereq: CHEM 177L; CR OR ENROLLMENT IN CHEM 331
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 333L
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
 5270005 1 M 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 5270010 2 M 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 5270015 3 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 5270020 4 M 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 5270025 5 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 5270030 6 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 5270035 7 R 9:00-11:50
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>
 5270040 8 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
5270045 9 R 3:10-6:00PM
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

ORGANIC CHEMISTRY II CHEM 332 3 CREDITS
Prereq: CHEM 331. ENROLLMENT IN CHEM 332L HIGHLY RECOMMENDED.
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

2517005 1 MWF 10:00-10:50
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

2517010 2 TR 2:10-3:30
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

2517015 3 MWF 10:00-10:50
MEETS: JAN 13-MAY 8
Note: SEC 3 RESTRICTED TO CHEM, AGBIO, BIOCH, CH E MAJORS. OTHER STUDENTS WHO ARE PREPARED FOR A MORE FOCUSED PRESENTATION WILL NEED A SIGNATURE FROM THE CHEMISTRY DEPARTMENT TO ADD.
Section info: <http://courses.chem.iastate.edu>

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT
Prereq: CHEM 331L, CR OR ENROLLMENT IN CHEM 332
Note: CREDIT FOR EITHER CHEM 332L OR CHEM 334L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

5272005 1 T 9:00-11:50
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>
Syllabus: <http://>

5272010 2 T 12:10-3:00
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

5272015 3 T 3:40-6:30PM
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

5272020 4 W 9:00-11:50
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

5272025 5 W 12:10-3:00
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

5272030 6 W 3:10-6:00PM
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

5272035 7 R 9:00-11:50
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

5272040 8 R 12:10-3:00
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

5272045 9 R 3:40-6:30PM
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

LAB ORGANIC CHEM II CHEM 334L 2 CREDITS
Prereq: 333L, CR OR ENROLLMENT FOR CREDIT IN 332
Note: CREDIT FOR EITHER CHEM 332L OR CHEM 334L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
COURSE RESTRICTED TO AGBIO, BIOPH, BIOCH, CHEM MAJORS ONLY.

5645005 1 MW 12:10-3:00
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

5645010 2 MW 3:10-6:00PM
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

5645015 3 TR 3:40-6:30PM
MEETS: JAN 13-MAY 8
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 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

2524010 2 T 12:10-3:00
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

2524015 3 R 9:00-11:50
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

2524020 4 R 12:10-3:00
MEETS: JAN 13-MAY 8
Section info: <http://courses.chem.iastate.edu>

CHEMISTRY (CONTINUED)

INDEPENDENT STUDY CHEM 490 VAR. CREDITS
Prereq: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARD GRADUATION
***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATION CHEM 498 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4841005 1 ARRANGED
MEETS: JAN 13-MAY 8

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

ANALYTIC SEPARATION CHEM 516 3 CREDITS
Prereq: 316, 316L, 324, 322L
2539005 1 MWF 9:00-9:50
MEETS: JAN 13-MAY 8

ORGANIC SYNTHESIS I CHEM 531 2 CREDITS
Prereq: 332
9267005 1 TR 10:00-10:50
MEETS: JAN 13-MAY 8

PHYS ORGANIC CHEM II CHEM 538 3 CREDITS
Prereq: 537
2543005 1 TR 12:40-2:00
MEETS: JAN 13-MAY 8

SAFETY IN CHEM LAB CHEM 550 1 CREDIT
Prereq: 332L
Satisfactory-Fail Only.
4295005 1 TR 8:00-8:50
MEETS: JAN 13-MARCH 6

TEACHI COLLEGE CHEM CHEM 555 2 CREDITS
Prereq: GRADUATE OR SENIOR CLASSIFICATION
2546005 1 TR 2:10-3:00
MEETS: JAN 13-MAY 8

ATOMIC&MOLEC Q MECH CHEM 562 3 CREDITS
Prereq: 561, CREDIT OR ENROLLMENT IN 583
2549005 1 M 12:10-1:30
W 12:10-1:30
MEETS: JAN 13-MAY 8

STATISTICAL MECHANICS CHEM 563 3 CREDITS
Prereq: 325
2550005 1 MW 1:40-3:00
MEETS: JAN 13-MAY 8

SOLID-STATE CHEM CHEM 571 2 CREDITS
Prereq: 301, 324
2554005 1 TR 11:00-11:50
MEETS: JAN 13-MAY 8

SURFACE CHEMISTRY CHEM 576 3 CREDITS
Prereq: 324
2559005 1 MWF 1:10-2:00
MEETS: JAN 13-MAY 8

MASS SPECTROMETRY CHEM 577 3 CREDITS
2560005 1 TR 9:30-10:50
MEETS: JAN 13-MAY 8

KINETICS & MECHANISMS CHEM 578 2 CREDITS
Prereq: CHEM 324
2561005 1 MW 9:00-9:50
MEETS: JAN 13-MAY 8

CHEMICAL GROUP THEORY CHEM 583 1 CREDIT
Prereq: 324
5657005 1 TR 1:10-2:00
MEETS: JAN 13-MARCH 6

NONTHESIS RESEARCH CHEM 599 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR INORGANIC CHEM CHEM 600 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2563005 1 W 4:10-5:30
MEETS: JAN 13-MAY 8

SEMINAR ANALYTIC CHEM CHEM 611 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2565005 1 F 2:30-4:00
MEETS: JAN 13-MAY 8

CHEMISTRY (CONTINUED)

SEMINR ORGANIC CHEM CHEM 631 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2566005 1 F 1:10-2:30
 MEETS: JAN 13-MAY 8

SEMNR PHYSICAL CHEM CHEM 660 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2568005 1 F 4:10-5:30
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 7374010 2 MTWR 11:00-11:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8

INTRO CHINES CULTUR CHIN 272 3 CREDITS
 Note: Meets international perspectives reqmt
 8252005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

ADV MANDARIN CHI II CHIN 302 3 CREDITS
 Prereq: 301 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 5405005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

CHINA TODAY CHIN 375 3- 4 CREDITS
 Prereq: ENGL 250 OR ENGL 105 OR EQUIVALENT
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2020
 TOPIC: CONTEMPORARY CHINESE POPULAR CULTURE.
 Meets international perspectives reqmt
 5347005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

SEM CHIN:TOPICS PRO CHIN 403B 3 CREDITS
 Prereq: CHIN 302 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 4533005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY CHIN 490 1- 6 CREDITS
 Prereq: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR
 Note: Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSH IN CHINESE CHIN 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF CHINESE AT THE 300 LEVEL;
 PERMISSION OF ADVISER AND WLC INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING

INTRO CIVIL ENG PRO C E 105 1 CREDIT
 4906005 1 W 3:10-4:00
 MEETS: JAN 13-MAY 8

FUND OF SURVEYING I C E 111 3 CREDITS
 Prereq: MATH 165, C E 160, CREDIT OR ENROLLMENT
 IN C E 170
 Note: COURSE RESTRICTED TO C E AND CON E MAJORS ONLY.
 7242005 1 MF 2:10-3:00
 T 8:00-10:50
 MEETS: JAN 13-MAY 8
 7242010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 7242015 3 MF 2:10-3:00
 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 7242020 4 MF 2:10-3:00
 R 2:10-5:00
 MEETS: JAN 13-MAY 8
 7242025 5 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 13-MAY 8

CIVIL ENGINEERING (CONTINUED)

CIVIL ENGR LRN COMM C E 120 R CREDIT
 Satisfactory-Fail Only.
 8518005 1 T 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 8

ENGR PROB CMPUT LAB C E 160 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 165
 Note: COURSE RESTRICTED TO C E, CON E, ENGRS MAJORS
 CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE
 APPLIED TOWARD GRADUATION: I E 148, C E 160, M E 160,
 A B E 160, AER E 160, ENGR 160, CPR E 185, E E 185,
 S E 185.
 2911005 1 MF 10:00-10:50
 T 11:00-12:50
 MEETS: JAN 13-MAY 8
 2911010 2 MF 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 13-MAY 8
 2911015 3 MF 10:00-10:50
 R 11:00-12:50
 MEETS: JAN 13-MAY 8
 2911020 4 MF 1:10-2:00
 W 10:00-11:50
 MEETS: JAN 13-MAY 8
 2911025 5 MF 1:10-2:00
 W 3:10-5:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 3515010 2 MW 12:10-2:00
 MEETS: JAN 13-MAY 8
 3515015 3 MW 3:10-5:00
 MEETS: JAN 13-MAY 8

ECON ANALY&PRO ISSU C E 206 3 CREDITS
 Prereq: MATH 166, ENGL 250, C E 105.
 ECON 101 RECOMMENDED.
 1915005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

PROJECT MANAGMNT CE C E 306 3 CREDITS
 Prereq: ENGL 250, C E 105
 4943005 1 MW 3:10-4:00
 T 8:00-10:50
 MEETS: JAN 13-MAY 8
 4943010 2 MW 3:10-4:00
 T 11:00-1:50
 MEETS: JAN 13-MAY 8
 4943015 3 MW 3:10-4:00
 R 8:00-10:50
 MEETS: JAN 13-MAY 8
 4943020 4 MW 3:10-4:00
 R 11:00-1:50
 MEETS: JAN 13-MAY 8

PRIN ENVIRONMT ENGR C E 326 3 CREDITS
 Prereq: CHEM 177 OR 178, MATH 166, CREDIT OR
 ENROLLMENT IN E M 378
 Note: COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>
 2284005 1 MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 13-MAY 8
 2284010 2 MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 13-MAY 8
 2284015 3 TR 9:30-10:20
 R 12:10-2:00
 MEETS: JAN 13-MAY 8
 2284020 4 TR 9:30-10:20
 T 12:10-2:00
 MEETS: JAN 13-MAY 8

STRUCTURAL ANALYS I C E 332 3 CREDITS
 Prereq: E M 324
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>
 2285005 1 MWF 1:10-2:00
 W 2:10-3:00
 MEETS: JAN 13-MAY 8
 2285010 2 MWF 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 13-MAY 8
 2285015 3 MWF 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 13-MAY 8
 2285020 4 MWF 8:00-8:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8

CIVIL ENGINEERING (CONTINUED)

CIVIL ENGINEERING (CONTINUED)

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.

2286005 1 MWF 8:00-8:50
 R 9:30-10:20
 MEETS: JAN 13-MAY 8

2286010 2 MWF 8:00-8:50
 R 9:30-10:20
 MEETS: JAN 13-MAY 8

2286015 3 MWF 12:10-1:00
 T 8:00-8:50
 MEETS: JAN 13-MAY 8

REIN CONCRETE DSN I C E 334 3 CREDITS
 Prereq: 332, E M 327
 Night exams scheduled. For dates go to
 http://www.registrar.iastate.edu/students/exams/
 night-exams.

2287005 1 TR 3:40-4:55
 M 11:00-11:50
 MEETS: JAN 13-MAY 8

2287010 2 MWF 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 13-MAY 8

2287015 3 MWF 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 13-MAY 8

PRIN TRANSPORTN ENG C E 355 3 CREDITS
 Prereq: C E 111

2924005 1 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

GEOTECHNICAL 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.

2291005 1 MF 12:10-1:00
 T 8:00-10:50
 MEETS: JAN 13-MAY 8

2291010 2 MF 12:10-1:00
 T 12:10-3:00
 MEETS: JAN 13-MAY 8

2291015 3 MF 12:10-1:00
 R 8:00-10:50
 MEETS: JAN 13-MAY 8

2291020 4 MF 12:10-1:00
 R 12:10-3:00
 MEETS: JAN 13-MAY 8

2291025 5 MF 12:10-1:00
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8

2291030 6 MF 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8

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 13-MAY 8

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 13-MAY 8

2294010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 13-MAY 8

2294015 3 MF 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 13-MAY 8

2294020 4 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 13-MAY 8

2294025 5 MF 2:10-3:00
 W 2:10-5:00
 MEETS: JAN 13-MAY 8

2294030 6 MF 2:10-3:00
 F 3:10-6:00PM
 MEETS: JAN 13-MAY 8

2294035 7 MF 2:10-3:00
 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8

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 13-MAY 8

9480010 2 T 3:10-5:00
 MEETS: JAN 13-MAY 8

GLBL PRSPCTV TRNSPT C E 395 3 CREDITS
 Prereq: C E 355 OR EQUIVALENT
 Note: Meets international perspectives reqmt
 6672005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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 9-MAY 8
 Note: SEC 1 RESTRICTED TO STUDENTS GRADUATING SPRING
 2020 OR SUMMER 2020

7351010 2 M 5:10-6:00PM
 MEETS: MARCH 9-MAY 8
 Note: SEC 2 RESTRICTED TO CONCURRENT GRADUATE
 STUDENTS

LAND SURVEYING C E 417 3 CREDITS
 Prereq: 111

7565005 1 MF 10:00-10:50
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8

7565010 2 MF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 13-MAY 8

WASTEWTR TREATM DSN C E 428 3 CREDITS
 Prereq: 326

6106005 1 TR 8:00-9:15, ARRANGED
 MEETS: JAN 13-MAY 8

SEISMIC MTHDS EXPLOR C E 439 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; COLLEGE ALGEBRA AND
 TRIGONOMETRY

0046005 1 MW 10:00-10:50
 F 10:00-10:50
 F 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Equipment use and field trips & travel fee \$70.00

FOUNDATION ENGINEER C E 460 3 CREDITS
 Prereq: 360

2303005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

PAVEMENT ANLYS&DSGN C E 483 3 CREDITS
 Prereq: C E 382, C E 360

7748005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

CIVIL ENGNR DESIGN C E 485 3 CREDITS
 Prereq: C E 206, C E 306, C E 326, C E 333 OR C E
 334, C E 355, C E 360, C E 372, C E 382, SP CM 212.
 ENROLLMENT LIMITED TO SEMESTER OF GRADUATION.
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING
 2020 OR SUMMER 2020

2131005 1 MF 12:10-1:00
 T 11:00-1:00
 MEETS: JAN 13-MAY 8

2131010 2 MF 12:10-1:00
 T 3:10-5:00
 MEETS: JAN 13-MAY 8

2131015 3 MF 12:10-1:00
 R 11:00-1:00
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY C E 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C E 490H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
 THE HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONSTR ENGR&MANAGMT C E 502 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CON E 422 OR
 C E 594A OR PERMISSION OF INSTRUCTOR

8715005 1 T 5:10-8:00PM
 MEETS: JAN 13-MAY 8

8715600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

CIVIL ENGINEERING

(CONTINUED)

CLASSICAL STUDIES

(CONTINUED)

CONST FINAN&BUS MGT C E 503 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CON E 422 OR
 C E 594A OR PERMISSION OF INSTRUCTOR
 8717005 1 M 5:10-8:00PM
 MEETS: JAN 13-MAY 8

WTR POLL CNTRL PROC C E 522 3 CREDITS
 Prereq: C E 421 OR C E 521
 2320005 1 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

SEISMC MTHDS EXPLOR C E 539 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; COLLEGE ALGEBRA AND
 TRIGONOMETRY
 0047005 1 MW 10:00-10:50
 F 10:00-10:50
 F 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: COURSE FEE: \$70.00

TRANSPRTN SYS ANALY C E 557 3 CREDITS
 Prereq: 355, 3 CREDITS IN STAT OR PROBABILITY
 7286005 1 R 12:40-3:30
 MEETS: JAN 13-MAY 8

TRANSP INFRASTR MGT C E 559 3 CREDITS
 Prereq: C E 355
 7776005 1 ARRANGED
 MEETS: JAN 13-MAY 8

FUND SOIL MECHANICS C E 560 3 CREDITS
 Prereq: 360
 2340005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

APPL FOUNDATN ENGR C E 561 3 CREDITS
 Prereq: 460
 2367005 1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

MODELI AQUATC ENVIR C E 572 3 CREDITS
 Prereq: 372
 4538005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

GEOTECH&MAT ENG SEM C E 581 R CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 2655005 1 W 12:10-1:50
 MEETS: JAN 13-MAY 8

PAVEMENT ANLYS&DSGN C E 583 3 CREDITS
 Prereq: 382, 360
 7772005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS C E 590 1- 5 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENVIR ENGR C E 591 R CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 1658005 1 T 11:00-11:50
 MEETS: JAN 13-MAY 8

RSRCH MTDS SEM:TECH C E 595B 1 CREDIT
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 4294005 1 M 2:10-4:00
 MEETS: JAN 13-MAY 8

CREATIVE COMPONENT C E 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS C E 690 1- 3 CREDITS
 Prereq: PRE-ENROLLMENT CONTRACT REQUIRED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP C E 697 R CREDIT
 Prereq: PERMISSION OF COOP ADVISER, GRAD CLASSIF
 Note: Department permission required.
 Satisfactory-Fail Only.
 7416005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

CLASSICAL STUDIES

THE ANCIENT CITY CL ST 275 3 CREDITS
 Note: Meets international perspectives reqmt
 4315005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

RHETORICAL TRADITNS CL ST 350 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 2176005 A1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM
 MAJORS ONLY

2176010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM

2176015 B1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC B1 RESTRICTED TO CL ST, ENGL, SP CM
 MAJORS ONLY

2176020 B2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM

RELIGION ANC GR&ROM CL ST 368 3 CREDITS
 Note: Meets international perspectives reqmt
 9900005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

ANCIENT EGYPT CL ST 369X 3 CREDITS
 Note: Meets international perspectives reqmt
 0355600 XW ARRANGED MOORE J
 MEETS: MARCH 9-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

HERO GREECE, RM, TDAY CL ST 373 3 CREDITS
 Prereq: CL ST 273 OR CL ST 275 OR ONE COURSE
 IN LATIN OR GREEK OR ENGL 250
 Note: Meets international perspectives reqmt
 8792005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

SX, CLTR ANC MEDITRR CL ST 374 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN, OR
 GREEK
 Note: Meets international perspectives reqmt
 8164005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

ROMN ARCHAE TO400CE CL ST 376C 3 CREDITS
 Note: Meets international perspectives reqmt
 9725005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

INTRO ROMAN ITALY CL ST 384 2 CREDITS
 Prereq: ENROLLMENT LIMITED TO STUDENTS
 PARTICIPATING IN CL ST 385 OR HIST 385;
 INSTRUCTOR PERMISSION REQUIRED
 Note: Meets international perspectives reqmt
 2608005 1 R 3:10-5:00
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

ROMAN CIVILIZATION CL ST 403 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
 2590005 1 MW 3:10-4:30 HOLLANDER D
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY CL ST 490 1- 6 CREDITS
 Prereq: 7 CR IN CL ST AT 200 LEVEL OR HIGHER;
 PERMISSION OF THE PROGRAM CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNICATION DISORDERS

PHONETICS&PHONOLOGY CMDIS 371 3 CREDITS
 Prereq: ENGL 219
 2610005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

LANG&RDG DEVEL CHLD CMDIS 471 3 CREDITS
 Prereq: 275 OR PSYCH 230 OR ENGL 219
 2618600 XW ARRANGED VENKATAGIRI H
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

TOP DISOR:ANAT SPCH CMDIS 480A 3 CREDITS
 Prereq: CMDIS 275 OR LING 275; CMDIS 371
 OR LING 371; BIOL 255; PERMISSION OF INSTRUCTOR
 9305600 XW ARRANGED VENKATAGIRI H
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

COMM DISORDR FLDWRK CMDIS 492 1- 2 CREDITS
 Prereq: CMDIS 371 OR LING 371; CMDIS 471 OR
 LING 471; CREDIT OR CONCURRENT ENROLLMENT IN
 CMDIS 480A OR 480B OR 480C OR LING 480A OR 480B
 OR 480C
 8954600 XW ARRANGED VENKATAGIRI H
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

COMMUNICATION STUDIES

COMMUNICATION STUDIES

(CONTINUED)

INTRO COMMUNIC STDI COMST 101 3 CREDITS
 7918005 1 TR 2:10-3:30 BLANKENSHIP K
 MEETS: JAN 13-MAY 8

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 13-MAY 8

8105010 1B TR 9:30-10:50
 MEETS: JAN 13-MAY 8

8105015 2A MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

8105020 2B MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

8105025 3A MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

8105030 3B MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

8105035 4A TR 8:00-9:20
 MEETS: JAN 13-MAY 8

8105040 4B TR 8:00-9:20
 MEETS: JAN 13-MAY 8

8105045 5A TR 11:00-12:20
 MEETS: JAN 13-MAY 8

8105050 5B TR 11:00-12:20
 MEETS: JAN 13-MAY 8

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 2:10-3:30 COSTABILE K
 MEETS: JAN 13-MAY 8

5123010 2 TR 11:00-12:20 COSTABILE K
 MEETS: JAN 13-MAY 8

COMM& U.S. DIVRSITY COMST 210 3 CREDITS
 Note: Meets U.S. diversity reqmt

7066005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

PROFESSNAL COMMUNIC COMST 214 3 CREDITS
 9183005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

9183600 XV ARRANGED
 MEETS: JAN 13-MAY 8

Note: Section XV is off campus
 Course delivery is WWW

9183605 XW ARRANGED HARMS J
 MEETS: JAN 13-MAY 8

Note: Section XW is off campus
 Course delivery is WWW

CONFLICT MANAGEMENT COMST 218 3 CREDITS
 7314005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

7314600 XW ARRANGED RAFFERTY K
 MEETS: JAN 13-MAY 8

Note: Section XW is off campus
 Course delivery is WWW

HUMAN COMMUNIC THRY COMST 301 3 CREDITS
 Prereq: COMST 101
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY

6593005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

INTERCULTURAL COMM COMST 310 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301
 Note: Meets international perspectives reqmt

7934005 1A TR 9:30-10:50
 MEETS: JAN 13-MAY 8

Note: SEC 1A RESTRICTED TO COMST MAJORS ONLY

7934010 1B TR 9:30-10:50
 MEETS: JAN 13-MAY 8

Note: SEC 1B FOR MAJORS OTHER THAN COMST

STDI INTRPRSNL COMM COMST 311 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301
 Note: MDCOURSE RESTRICTED TO COMST MAJORS ONLY.

6428005 1A TR 8:00-9:20
 MEETS: JAN 13-MAY 8

Note: SEC 1A RESTRICTED TO COMST MAJORS ONLY

6428010 1B TR 8:00-9:20
 MEETS: JAN 13-MAY 8

Note: SEC 1B FOR MAJORS OTHER THAN COMST

LDRSH COMMUN THEOR COMST 313 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301

4305005 1A M 3:10-6:00PM
 MEETS: JAN 13-MAY 8

Note: SEC 1A RESTRICTED TO COMST MAJORS ONLY

4305010 1B M 3:10-6:00PM
 MEETS: JAN 13-MAY 8

Note: SEC 1B FOR MAJORS OTHER THAN COMST

ORGANIZATIONAL COMM COMST 314 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301

6431005 1A TR 12:40-2:00
 MEETS: JAN 13-MAY 8

Note: SEC 1A RESTRICTED TO COMST MAJORS ONLY

6431010 1B TR 12:40-2:00
 MEETS: JAN 13-MAY 8

Note: SEC 1B FOR MAJORS OTHER THAN COMST

SMALL GROUP COMM COMST 317 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY

6433005 1A MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

Note: SEC 1A RESTRICTED TO COMST MAJORS ONLY

6433010 1B MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

Note: SEC 1B FOR MAJORS OTHER THAN COMST

COMM TRAINING&DEVEL COMST 319 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301

2362005 1A TR 2:10-3:30
 MEETS: JAN 13-MAY 8

Note: SEC 1A RESTRICTED TO COMST MAJORS ONLY

2362010 1B TR 2:10-3:30
 MEETS: JAN 13-MAY 8

Note: SEC 1B FOR MAJORS OTHER THAN COMST

NONVERBAL COMMUNIC COMST 325 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301

3920005 1A TR 11:00-12:20
 MEETS: JAN 13-MAY 8

Note: SEC 1A RESTRICTED TO COMST MAJORS ONLY

3920010 1B TR 11:00-12:20
 MEETS: JAN 13-MAY 8

Note: SEC 1B FOR MAJORS OTHER THAN COMST

CMPTR-MEDIATED COMM COMST 330 3 CREDITS
 Prereq: COMST 102, COMST 203, COMST 301

2385005 1A TR 11:00-12:20
 MEETS: JAN 13-MAY 8

Note: SEC 1A RESTRICTED TO COMST MAJORS ONLY

2385010 1B TR 11:00-12:20
 MEETS: JAN 13-MAY 8

Note: SEC 1B FOR MAJORS OTHER THAN COMST

RESEARCH SEMINAR COMST 404 3 CREDITS
 Prereq: COMST 301 PLUS 3 ADDITIONAL COMMUNICATION
 STUDIES CLASSES FROM THE FOLLOWING LIST: COMST 310,
 COMST 311, COMST 313, COMST 314, COMST 317,
 COMST 319, COMST 325, OR COMST 330

2298005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

2298010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

2298015 3 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

SPL TOPICS COMM STU COMST 450 3 CREDITS
 8024600 XW ARRANGED RAFFERTY K
 MEETS: JAN 13-MAY 8

Note: GRADUATE STUDENTS MUST SEEK PERMISSION FROM
 INSTRUCTOR
 Section XW is off campus
 Course delivery is WWW

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 13-MAY 8

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 251 3 CREDITS

9667005 1 MW 9:00-9:50
 W 3:10-5:00
 MEETS: JAN 13-MAY 8

9667010 2 MW 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 8

9667015 3 MW 9:00-9:50
 F 8:00-9:50
 MEETS: JAN 13-MAY 8

COMMUNITY & REGIONAL PLANNING (CONTINUED)

COMMUNITY & REGIONAL PLANNING (CONTINUED)

WORLD CITIES&GLOBLZ C R P 291 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 7447005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

URBAN ANALYTIC MTHDS C R P 301 4 CREDITS
 Prereq: STAT 101
 4968005 1 TR 2:10-5:00
 MEETS: JAN 13-MAY 8

U.S. HOUSING POLICY C R P 325X 3 CREDITS
 0347005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

PRACTICUM C R P 330 1- 3 CREDITS
 Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING
 Note: COURSE OFFERED FOR 1-3 CREDITS SPRING 2020
 Satisfactory-Fail Only.
 2386005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTMD GEOG INFO SYS C R P 351 3 CREDITS
 Prereq: C R P 251X
 9684005 1 MW 9:00-9:50
 F 1:10-3:00
 MEETS: JAN 13-MAY 8
 9684010 2 MW 9:00-9:50
 W 10:00-11:50
 MEETS: JAN 13-MAY 8
 9684015 3 MW 9:00-9:50
 F 8:00-9:50
 MEETS: JAN 13-MAY 8

FIELD TRAVEL C R P 391 1- 2 CREDITS
 Prereq: C R P MAJOR, PERMISSION OF ADVISER
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2020
 Satisfactory-Fail Only.
 2402005 1 T 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 OFFERED FOR 1 CREDIT.
 FIELD TRIPS & TRAVEL FEE: \$300.00 - \$1,000.00

URBAN REVITALIZATN C R P 417 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7569005 1 TR 9:00-10:20
 MEETS: JAN 13-MAY 8

CMUNITY PLAN STUDIO C R P 432 4- 6 CREDITS
 Prereq: C R P 201, C R P 301, C R P 383,
 OR PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 6 CREDITS SPRING 2020
 MATERIALS, FIELD TRIPS & TRAVEL FEE: \$25 - \$50
 2391005 1 MW 12:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 8

CMUNTY ECON DEVLPMNT C R P 436 3 CREDITS
 1932005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

PUBLIC PARTICIP PLN C R P 437 3 CREDITS
 0000005 1 R 5:10-8:00PM
 MEETS: JAN 13-MAY 8
 Note: Field trips & travel fee \$25.00

TRANSPRT POLCY&PLAN C R P 445 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 2720005 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

GEOGAMES CVC ENGAGE C R P 457X 3 CREDITS
 0466005 1 MW 11:00-12:20
 MEETS: JAN 13-MAY 8

REAL ESTATE DEVELOP C R P 471X 3 CREDITS
 0467005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

SUSTAINABLE COMMUNT C R P 484 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7041005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY C R P 490 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C R P 490H 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM.
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN C R P 491 3 CREDITS
 Prereq: 6 CREDITS IN NATURAL SCIENCES
 2396005 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

PRO WORK EXPERIENCE C R P 510 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

URBAN REVITALIZATN C R P 517 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7839005 1 TR 9:00-10:20
 MEETS: JAN 13-MAY 8

HISTRC PRSRV PLANNG C R P 521 3 CREDITS
 0105005 1 T 5:10-8:00PM
 MEETS: JAN 13-MAY 8

CMUNTY ECON DEVLPMNT C R P 536 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2077005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

TRANPRTN POLICY PLN C R P 545 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2756005 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

INTRO GEOG INFO SYS C R P 551 3 CREDITS
 1985005 1 MW 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 13-MAY 8
 1985010 2 MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 8

PLANNING THEORY C R P 561 3 CREDITS
 2410005 1 R 5:10-8:00PM
 MEETS: JAN 13-MAY 8

PLANNING & DEVLPMNT C R P 568 3 CREDITS
 Prereq: C R P 564 OR EQUIVALENT
 2018005 1 MW 2:10-3:00
 MEETS: JAN 13-MAY 8

SUSTAINBLE COMMUNIT C R P 584 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7043005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

SPL TP PLAN LAW,ADM C R P 590A 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECON DEVEL C R P 590B 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN C R P 590C 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOUS&URB RV C R P 590D 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN C R P 590H 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRTN PL C R P 590I 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC INT'L PLAN C R P 590N 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATL AN MTH C R P 590O 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING (CONTINUED)

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 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

SEMINAR GIS APP/RES C R P 595 1 CREDIT
 Prereq: 9 CREDITS IN GIS CERTIFICATE PROGRAM
 Satisfactory-Fail Only.
 5571005 1 M 12:10-1:00
 MEETS: JAN 13-MAY 8

PRO PLANNING REPORT C R P 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH C R P 699 VAR. CREDITS
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMPUTER ENGINEERING

PRO PROG ORIENTATN CPR E 166 R CREDIT
 Note: COURSE RESTRICTED TO E E & CPR E MAJORS ONLY.
 2292005 1 T 2:10-3:00
 MEETS: JAN 13-MAY 8
 2292010 2 T 3:10-4:00
 MEETS: JAN 13-MAY 8
 2292015 3 R 2:10-3:00
 MEETS: JAN 13-MAY 8

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 &
 CYB 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 1 TR 3:10-4:00
 T 4:10-6:00PM
 MEETS: JAN 13-MAY 8
 3878010 2 TR 3:10-4:00
 W 6:10-8:00PM
 MEETS: JAN 13-MAY 8
 3878015 3 TR 3:10-4:00
 F 2:10-4:00
 MEETS: JAN 13-MAY 8

INTR PROBLM SOLV II CPR E 186 1 CREDIT
 Prereq: 185
 6238005 1 T 12:10-2:00
 MEETS: JAN 13-MAY 8
 6238010 2 W 10:00-11:50
 MEETS: JAN 13-MAY 8
 6238015 3 W 12:10-2:00
 MEETS: JAN 13-MAY 8
 6238020 4 W 2:10-4:00
 MEETS: JAN 13-MAY 8

CYBER SECURITY TOOLS CPR E 231 3 CREDITS
 Prereq: CPR E 230
 4231005 1 TR 8:00-8:50
 W 9:00-10:50
 MEETS: JAN 13-MAY 8
 4231010 2 TR 8:00-8:50
 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 4231015 3 TR 8:00-8:50
 F 9:00-10:50
 MEETS: JAN 13-MAY 8

CYB SYS LEGAL,ETHCL CPR E 234X 3 CREDITS
 Prereq: COM S 227, OR E E 285 OR MIS 207
 0278005 1 M 3:10-4:00
 T 5:10-7:00PM
 MEETS: JAN 13-MAY 8

COMPUTER ENGINEERING (CONTINUED)

TRANSFER ORIENTATIO CPR E 261 R CREDIT
 Satisfactory-Fail Only.
 9198005 1 T 11:00-11:50
 MEETS: JAN 13-MAY 8

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 1 MWF 4:10-5:00
 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 7321010 2 MWF 9:00-9:50
 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 7321015 3 MWF 4:10-5:00
 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 7321020 4 MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 7321025 5 MWF 4:10-5:00
 W 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 7321030 6 MWF 4:10-5:00
 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 7321035 7 MWF 9:00-9:50
 R 12:10-3:00
 MEETS: JAN 13-MAY 8
 7321040 8 MWF 9:00-9:50
 W 4:10-7:00PM
 MEETS: JAN 13-MAY 8
 7321045 9 MWF 9:00-9:50
 F 12:10-3:00
 MEETS: JAN 13-MAY 8

EMBEDDE SYS I:INTRO CPR E 288 4 CREDITS
 Prereq: CPR E 281, COM S 207 OR 227 OR E E 285
 3364005 1 TR 9:30-10:50
 T 4:10-6:00PM
 MEETS: JAN 13-MAY 8
 3364010 2 TR 2:10-3:30
 F 12:10-2:00
 MEETS: JAN 13-MAY 8
 3364015 3 TR 2:10-3:30
 F 2:10-4:00
 MEETS: JAN 13-MAY 8
 3364020 4 TR 9:30-10:50
 T 12:10-2:00
 MEETS: JAN 13-MAY 8
 3364025 5 TR 9:30-10:50
 T 2:10-4:00
 MEETS: JAN 13-MAY 8
 3364030 6 TR 2:10-3:30
 T 6:10-8:00PM
 MEETS: JAN 13-MAY 8
 3364035 7 TR 2:10-3:30
 W 12:10-2:00
 MEETS: JAN 13-MAY 8
 3364040 8 TR 2:10-3:30
 W 2:10-4:00
 MEETS: JAN 13-MAY 8
 3364045 9 TR 2:10-3:30
 W 4:10-6:00PM
 MEETS: JAN 13-MAY 8
 3364050 10 TR 2:10-3:30
 R 12:10-2:00
 MEETS: JAN 13-MAY 8

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 13-MARCH 6
 5337010 A2 M 1:10-2:00
 MEETS: JAN 13-MARCH 6
 5337020 B1 F 3:10-4:00
 MEETS: JAN 13-MARCH 6
 5337025 B2 F 3:10-4:00
 MEETS: JAN 13-MARCH 6

OPERAT SYS:PRIN&PRA CPR E 308 4 CREDITS
 Prereq: CPR E 381 OR COM S 321
 2036005 1 MWF 12:10-1:00
 T 8:00-10:50
 MEETS: JAN 13-MAY 8
 2036010 2 MWF 12:10-1:00
 T 11:00-1:50
 MEETS: JAN 13-MAY 8
 2036015 3 MWF 12:10-1:00
 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 2036020 4 MWF 12:10-1:00
 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 2036025 5 MWF 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 2036030 6 MWF 12:10-1:00
 R 9:00-11:50
 MEETS: JAN 13-MAY 8

COMPUTER ENGINEERING (CONTINUED)

COMPUTER ENGINEERING (CONTINUED)

OPERAT SYS:PRIN&PRA CPR E 308 4 CREDITS
 2036035 7 MWF 12:10-1:00
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8

2036040 8 MWF 12:10-1:00
 R 6:10-9:00PM
 MEETS: JAN 13-MAY 8

2036045 9 MWF 12:10-1:00
 F 9:00-11:50
 MEETS: JAN 13-MAY 8

THEORET FOUND CPR E CPR E 310 3 CREDITS
 Prereq: COM S 228

9240005 1 TR 4:10-5:30
 M 10:00-10:50
 MEETS: JAN 13-MAY 8

9240010 2 TR 4:10-5:30
 M 11:00-11:50
 MEETS: JAN 13-MAY 8

9240015 3 TR 4:10-5:30
 M 3:10-4:00
 MEETS: JAN 13-MAY 8

9240020 4 TR 4:10-5:30
 M 4:10-5:00
 MEETS: JAN 13-MAY 8

SOFTWARE PROJECT MGT CPR E 329 3 CREDITS
 Prereq: COM S 309

6832005 1 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

INTGRATED ELECTRNCS CPR E 330 4 CREDITS
 Prereq: E E 201, CREDIT OR ENROLLMENT IN E E 230,
 CPR E 281
 Note: CREDIT FOR EITHER CPR E/E E 330 OR E E 331,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

2311005 1 MWF 9:00-9:50
 T 8:00-10:50
 MEETS: JAN 13-MAY 8

2311010 2 MWF 9:00-9:50
 T 5:10-8:00PM
 MEETS: JAN 13-MAY 8

2311015 3 MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8

2311020 4 MWF 9:00-9:50
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8

2311025 5 MWF 9:00-9:50
 F 10:00-12:50
 MEETS: JAN 13-MAY 8

2311030 6 MWF 9:00-9:50
 F 1:10-4:00
 MEETS: JAN 13-MAY 8

CYB SEC CRYPTGR APP CPR E 331X 3 CREDITS
 Prereq: CPR E 231

0146005 1 TR 11:00-11:50
 W 1:10-3:00
 MEETS: JAN 13-MAY 8

CYBER DEFENS COMPET CPR E 332 1 CREDIT
 Satisfactory-Fail Only.

9653005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SFTWR ARCHITC&DSIGN CPR E 339 3 CREDITS
 Prereq: S E 319

6834005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

CPTR ORG &ASMB PROG CPR E 381 4 CREDITS
 Prereq: CPR E 288

6769005 1 MWF 9:00-9:50
 W 10:00-11:50
 MEETS: JAN 13-MAY 8

6769010 2 MWF 9:00-9:50
 W 4:10-6:00PM
 MEETS: JAN 13-MAY 8

6769015 3 MWF 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 13-MAY 8

6769020 4 MWF 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 8

PROGRAM EXPLORATION CPR E 394 R CREDIT
 Prereq: 294 OR E E 294
 Note: SEC B1,C1 RESTRICTED TO O CPR E MAJORS ONLY.
 SEC B2,C2 RESTRICTED TO E E MAJORS ONLY
 Satisfactory-Fail Only.

5388005 A1 M 1:10-2:00
 MEETS: MARCH 9-MAY 8

5388010 A2 M 1:10-2:00
 MEETS: MARCH 9-MAY 8

5388020 B1 F 3:10-4:00
 MEETS: MARCH 9-MAY 8

5388025 B2 F 3:10-4:00
 MEETS: MARCH 9-MAY 8

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 311, STAT 330

8535005 1 TR 3:40-5:00 BASU S
 MEETS: JAN 13-MAY 8

LG SC DTA ANLY SFTW CPR E 419 4 CREDITS
 Prereq: CPR E 308 OR COM S 352; COM S 309

9581005 1 MW 5:10-6:30PM
 W 8:00-9:50
 MEETS: JAN 13-MAY 8

9581010 2 MW 5:10-6:30PM
 R 11:00-12:50
 MEETS: JAN 13-MAY 8

9581015 3 MW 5:10-6:30PM
 R 1:10-3:00
 MEETS: JAN 13-MAY 8

SFTWRE SAFETY ANALY CPR E 421 3 CREDITS
 Prereq: COM S 309; CPR E 310 OR COM S 230

0028005 1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

ANLOG VLSI CIRC DSN CPR E 435 4 CREDITS
 Prereq: E E 330

2330005 1 MWF 10:00-10:50
 W 11:00-2:00
 MEETS: JAN 13-MAY 8

2330010 2 MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 13-MAY 8

2330015 3 MWF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 13-MAY 8

DISTRB SYS&MIDDLWRE CPR E 450 3 CREDITS
 Prereq: 308 OR COM S 352

8512005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

MULTIDISC ENGR DSGN CPR E 466 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR

1899005 1 MWF 3:10-5:00
 MEETS: JAN 13-MAY 8

EMBEDDED SYS DESIGN CPR E 488 4 CREDITS
 Prereq: 381 OR COM S 321

8156005 1 TR 12:40-2:00
 W 9:00-11:50
 MEETS: JAN 13-MAY 8

8156010 2 TR 12:40-2:00
 R 4:10-7:00PM
 MEETS: JAN 13-MAY 8

8156020 3 TR 12:40-2:00
 F 9:00-11:50
 MEETS: JAN 13-MAY 8

CPTR NTRK&DATA COM CPR E 489 4 CREDITS
 Prereq: 381 OR E E 324

2771005 1 TR 11:00-12:20
 T 2:10-4:00
 MEETS: JAN 13-MAY 8

2771010 2 TR 11:00-12:20
 T 4:10-6:00PM
 MEETS: JAN 13-MAY 8

2771015 3 TR 11:00-12:20
 W 1:10-3:00
 MEETS: JAN 13-MAY 8

2771020 4 TR 11:00-12:20
 F 1:10-3:00
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY CPR E 490 VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY CPR E 490H VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO CPR E 491 3 CREDITS
 Prereq: 308 OR E E 322, COMPLETION OF 24 CREDITS
 IN THE E E CORE PROFESSIONAL PROGRAM OR 29 CREDITS
 IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL 314
 Note: COURSE RESTRICTED TO CPR E, E E, S E MAJORS
 JUNIORS AND ABOVE
 Instructor permission required 1st week.

2765005 1 T 2:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8

COMPUTER ENGINEERING (CONTINUED)

COMPUTER ENGINEERING (CONTINUED)

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 1 R 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 8

PORTFOLIO ASSESSMNT CPR E 494 R CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 491
 Note: COURSE RESTRICTED TO CPR E CYB E, & E E JUNIORS AND ABOVE
 2279005 1 W 1:10-2:00
 MEETS: JAN 13-MAY 8
 2279010 2 W 2:10-3:00
 MEETS: JAN 13-MAY 8
 2279015 3 R 2:10-3:00
 MEETS: JAN 13-MAY 8
 2279020 4 R 3:10-4:00
 MEETS: JAN 13-MAY 8

DSN&ANALYSIS ALGTHM CPR E 511 3 CREDITS
 Prereq: COM S 311
 5651005 1 TR 9:30-10:50 EULENSTEIN O
 MEETS: JAN 13-MAY 8

FNDTNS PROGRM ANLYS CPR E 513 3 CREDITS
 Prereq: COM S 331, COM S 342
 9920005 1 MWF 3:10-4:00 LE W
 MEETS: JAN 13-MAY 8

NUM ANALY HI-P COMP CPR E 525 3 CREDITS
 Prereq: CPR E 308 OR MATH 481; EXPERIENCE IN SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C
 1368005 1 TR 11:00-1:00
 MEETS: JAN 13-MAY 8

PROBLSTC MTHD CPR E CPR E 528 3 CREDITS
 Prereq: CPR E 315 OR COM S 311
 8172005 1 TR 2:10-3:00
 MEETS: JAN 13-MAY 8

DATA ANALYTCS IN EE CPR E 529 3 CREDITS
 Prereq: E E 322 OR EQUIVALENT
 4028005 1 MW 4:10-5:30
 MEETS: JAN 13-MAY 8

INFORMATION WARFARE CPR E 532 3 CREDITS
 Prereq: 531
 2989005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

INFO ASSUR LEGAL&ET CPR E 534 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, 531
 Note: RESTRICTED TO E CPE, COM S, INFAS, LOMIS SCIS GRAD STUDENTS ONLY
 2620005 1 M 6:10-9:00PM PETERS K
 MEETS: JAN 13-MAY 8
 2620600 XW ARRANGED PETERS K
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$570.00

STEGANOG&DGT FORNSC CPR E 535 3 CREDITS
 Prereq: MATH 307 OR COM S 330 OR E E 524
 8510005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

WIRELESS NTWK SECUR CPR E 537 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 489 OR 530
 6961005 1 MW 4:10-5:30
 MEETS: JAN 13-MAY 8

CYB SECUR SMRT GRID CPR E 539 3 CREDITS
 2866005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

WIRELSS&SENSOR NTWK CPR E 546 3 CREDITS
 Prereq: 489 OR 530
 8653005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

DISTRB SYS&MIDLWRE CPR E 550 3 CREDITS
 Prereq: 308 OR COM S 352
 8515005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

SEC&PRIVCY IN CLOUD CPR E 559 3 CREDITS
 Prereq: COM S 352 OR CPR E 308; COM S 486 OR CPR E 489 OR CPR E 530
 1831005 1 TR 2:10-3:30 ZHANG W
 MEETS: JAN 13-MAY 8

DATA-DRV SECUR&PRIV CPR E 560 3 CREDITS
 Prereq: CPR E 531; COM S 474 OR COM S 573
 5063005 1 MW 2:10-3:30
 MEETS: JAN 13-MAY 8

ADV DATA STORAGE SY CPR E 563X 3 CREDITS
 Prereq: CPR E 308 OR COM S 352
 0161005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8

COMPUTATNL PERCEPTN CPR E 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 5237005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

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

SELECT TOPICS CPR E CPR E 594 3 CREDITS
 2992005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY CPR E 595X 1- 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LEARNNG COMMUNITY SEMN CPR E 598 R CREDIT
 Prereq: CLASSIFICATION AS AN E CPE MAJOR
 Satisfactory-Fail Only.
 9874005 1 F 4:10-5:30
 MEETS: JAN 13-MAY 8

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

INFO ASSUR CAPSTONE CPR E 632 3 CREDITS
 Prereq: 531, 532, 534
 8104005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ENGINEERG INTERNSHP CPR E 697 R CREDIT
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF STUDENT SERVICES.
 Satisfactory-Fail Only.
 7420005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

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

COMPUTER SCIENCE

ORIENTATION COM S 101 R CREDIT
 Satisfactory-Fail Only.
 2672005 1 T 12:40-2:00 MITRA S
 MEETS: JAN 13-MARCH 6

CMPTR LITERACY&APPL COM S 103 4 CREDITS
 Note: CREDIT FOR EITHER COM S 103 OR COM S 113/COM S 113X, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2673005 1 ARRANGED CHANG S
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673010 2 ARRANGED CHANG S
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673015 3 ARRANGED CHANG S
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page>
 Syllabus: <http://www.cs.iastate.edu/~cs103page>

2673605 XW ARRANGED CHANG S
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$200.00

INTRO TO PROGRAMMING COM S 104 2 CREDITS
 2995605 XV ARRANGED CHANG C
 MEETS: MARCH 9-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW

2995600 XW ARRANGED CHANG C
 MEETS: JAN 13-MARCH 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$100.00

COMPUTER SCIENCE (CONTINUED)

INTRO WEB PROGRAMMG COM S 106 3 CREDITS
 6704600 XW ARRANGED CHANG S
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

WINDWS APP PROGRAMMG COM S 107 3 CREDITS
 2674600 XW ARRANGED GUPTA A
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

INTRO SPRDSH&DATABS COM S 113 3 CREDITS
 Note: CREDIT FOR EITHER COM S 103 OR COM S 113/COM S
 113X, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 COM S, S E, AND CPR E MAJORS MAY NOT APPLY CREDIT IN
 COM S 113 TOWARD GRADUATION.
 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 7761600 XW ARRANGED CHANG S
 MEETS: JAN 13-MAY 8
 Note: SECTION XW ONLINE STUDENTS DO NOT NEED TO
 REGISTER FOR FACE TO FACE LECTURES OR LABS.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

7761005 A TR 12:40-1:30 ORYSPAYEV D
 MEETS: JAN 13-MAY 8
 Note: SEC A RESTRICTED TO THE COLLEGE OF BUSINESS
 MAJORS ONLY

7761010 B TR 12:40-1:30 ORYSPAYEV D
 MEETS: JAN 13-MAY 8
 Note: SEC B RESTRICTED TO THE NON-BUSINESS COLLEGE
 MAJORS

7761015 C TR 11:00-11:50 ORYSPAYEV D
 MEETS: JAN 13-MAY 8
 Note: SEC C RESTRICTED TO THE COLLEGE OF BUSINESS
 MAJORS ONLY

7761020 D TR 11:00-11:50 ORYSPAYEV D
 MEETS: JAN 13-MAY 8
 Note: SEC D RESTRICTED TO THE NON-BUSINESS COLLEGE
 MAJORS

7761100 1 M 8:00-9:50
 MEETS: JAN 13-MAY 8

7761105 2 M 12:10-2:00
 MEETS: JAN 13-MAY 8

7761110 3 M 4:10-6:00PM
 MEETS: JAN 13-MAY 8

7761115 4 M 2:10-4:00
 MEETS: JAN 13-MAY 8

7761120 5 M 6:10-8:00PM
 MEETS: JAN 13-MAY 8

7761125 6 T 8:00-9:50
 MEETS: JAN 13-MAY 8

7761130 7 T 12:10-2:00
 MEETS: JAN 13-MAY 8

7761135 8 T 2:10-4:00
 MEETS: JAN 13-MAY 8

7761140 9 T 4:10-6:00PM
 MEETS: JAN 13-MAY 8

7761145 10 M 10:00-11:50
 MEETS: JAN 13-MAY 8

7761150 11 W 4:10-6:00PM
 MEETS: JAN 13-MAY 8

7761155 12 W 4:10-6:00PM
 MEETS: JAN 13-MAY 8

7761060 13 M 4:10-6:00PM
 MEETS: JAN 13-MAY 8

INTRO CPR PROGRAMMG COM S 127 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 140 OR
 HIGHER

8789005 1 TR 2:10-3:30 BATINOV G
 F 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO COM S MAJORS ONLY

8789010 2 TR 2:10-3:30 BATINOV G
 F 2:10-4:00
 MEETS: JAN 13-MAY 8

8789015 3 TR 2:10-3:30 BATINOV G
 F 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO COM S MAJORS ONLY

CAREERS IN COM SCI COM S 203 R CREDIT
 Note: COURSE RESTRICTED TO P CS, COM S MAJORS ONLY
 Satisfactory-Fail Only.

2682005 1 R 12:40-2:00 MITRA S
 MEETS: JAN 13-MARCH 6

FUND CPTR PROGRAMMG 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.

9235005 1 MWF 9:00-9:50 NGWENYA J
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

9235010 2 MWF 10:00-10:50 PRABHU G
 R 3:10-4:00
 MEETS: JAN 13-MAY 8

COMPUTER SCIENCE (CONTINUED)

FUND CPTR PROGRAMMG COM S 207 3 CREDITS
 9235015 3 MWF 10:00-10:50 NGWENYA J
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

OBJT-ORIEN PROGRAMG COM S 227 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 143 OR
 HIGHER; RECOMMENDED: A PREVIOUS HIGH SCHOOL OR
 COLLEGE COURSE IN PROGRAMMING OR EQUIVALENT EXPERIENC
 Note: CREDIT FOR EITHER COM S 227 OR COM S 207, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

9237100 A MWF 3:10-4:00 SHEAFFER J
 MEETS: JAN 13-MAY 8

9237105 B MWF 1:10-2:00 SONG G
 MEETS: JAN 13-MAY 8

9237110 C MWF 11:00-11:50 STULL D
 MEETS: JAN 13-MAY 8

9237115 D MWF 10:00-10:50 SHEAFFER J
 MEETS: JAN 13-MAY 8

9237005 1 R 12:10-2:00
 MEETS: JAN 13-MAY 8

9237010 2 W 4:10-6:00PM
 MEETS: JAN 13-MAY 8

9237015 3 T 4:10-6:00PM
 MEETS: JAN 13-MAY 8

9237020 4 W 10:00-11:50
 MEETS: JAN 13-MAY 8

9237025 5 R 10:00-11:50
 MEETS: JAN 13-MAY 8

9237030 6 R 2:10-4:00
 MEETS: JAN 13-MAY 8

9237035 7 W 12:10-2:00
 MEETS: JAN 13-MAY 8

9237040 8 R 8:00-9:50
 MEETS: JAN 13-MAY 8

9237045 9 W 2:10-4:00
 MEETS: JAN 13-MAY 8

9237050 10 R 6:10-8:00PM
 MEETS: JAN 13-MAY 8

9237055 11 W 6:10-8:00PM
 MEETS: JAN 13-MAY 8

9237060 12 T 10:00-11:50
 MEETS: JAN 13-MAY 8

9237065 13 F 12:10-2:00
 MEETS: JAN 13-MAY 8

9237070 14 W 8:00-9:50
 MEETS: JAN 13-MAY 8

9237075 15 T 2:10-4:00
 MEETS: JAN 13-MAY 8

INTRO DATA STRUCTUR COM S 228 3 CREDITS
 Prereq: C- OR BETTER IN 227, CREDIT OR ENROLLMENT
 IN MATH 165
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP
 THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

9238100 A MWF 3:10-4:00 ORYSPAYEV D
 MEETS: JAN 13-MAY 8

9238105 B MWF 1:10-2:00 ORYSPAYEV D
 MEETS: JAN 13-MAY 8

9238005 1 R 10:00-10:50
 MEETS: JAN 13-MAY 8

9238010 2 R 2:10-3:00
 MEETS: JAN 13-MAY 8

9238015 3 R 1:10-2:00
 MEETS: JAN 13-MAY 8

9238020 4 R 4:10-5:00
 MEETS: JAN 13-MAY 8

9238025 5 R 3:10-4:00
 MEETS: JAN 13-MAY 8

9238030 6 T 9:00-9:50
 MEETS: JAN 13-MAY 8

9238035 7 T 2:10-3:00
 MEETS: JAN 13-MAY 8

9238040 8 T 10:00-10:50
 MEETS: JAN 13-MAY 8

DISCRETE CMP STRUCT COM S 230 3 CREDITS
 Prereq: C- OR BETTER IN COM S 227 AND MATH 165;
 ENGL 150

4005005 A MWF 1:10-2:00 SLUTZKI G
 MEETS: JAN 13-MAY 8

4005010 B MWF 2:10-3:00 BATINOV G
 MEETS: JAN 13-MAY 8

4005100 1 R 9:00-9:50
 MEETS: JAN 13-MAY 8

4005105 2 R 10:00-10:50
 MEETS: JAN 13-MAY 8

4005110 3 R 11:00-11:50
 MEETS: JAN 13-MAY 8

4005115 4 R 12:10-1:00
 MEETS: JAN 13-MAY 8

4005120 5 R 2:10-3:00
 MEETS: JAN 13-MAY 8

COMPUTER SCIENCE (CONTINUED)

INDEPENDENT STUDY COM S 290 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS COM S 290H VAR. CREDITS
 Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROG-BASE PROB SOLV COM S 295X 1 CREDIT
 Prereq: COM S 207 OR COM S 227
 Satisfactory-Fail Only.
 0209600 XW ARRANGED MITRA S
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

SOFTWR DEV PRACTCES COM S 309 3 CREDITS
 Prereq: COM S 228 WITH C- OR BETTER;
 MATH 165 WITH C- OR BETTER
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.
 4438005 A MWF 2:10-3:00 MITRA S
 MEETS: JAN 13-MAY 8
 4438100 1 T 11:00-11:50
 MEETS: JAN 13-MAY 8
 4438105 2 T 1:10-2:00
 MEETS: JAN 13-MAY 8
 4438110 3 T 3:10-4:00
 MEETS: JAN 13-MAY 8

DSN&ANALYSIS ALGRTH COM S 311 3 CREDITS
 Prereq: MINIMUM OF A C- IN COM S 228;
 MATH 166, ENGL 150; COM S 230 OR CPR E 310
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.
 2683100 A TR 2:10-3:30 FERNANDEZ-BACA D
 MEETS: JAN 13-MAY 8
 2683105 B TR 3:40-5:00 LIU K
 MEETS: JAN 13-MAY 8
 2683110 C TR 2:10-3:30 STULL D
 MEETS: JAN 13-MAY 8
 2683005 1 T 9:00-9:50
 MEETS: JAN 13-MAY 8
 2683010 2 T 10:00-10:50
 MEETS: JAN 13-MAY 8
 2683015 3 M 10:00-10:50
 MEETS: JAN 13-MAY 8
 2683020 4 M 10:00-10:50
 MEETS: JAN 13-MAY 8
 2683025 5 T 1:10-2:00
 MEETS: JAN 13-MAY 8
 2683030 6 W 9:00-9:50
 MEETS: JAN 13-MAY 8
 2683035 7 W 10:00-10:50
 MEETS: JAN 13-MAY 8
 2683040 8 W 1:10-2:00
 MEETS: JAN 13-MAY 8
 2683045 9 T 11:00-11:50
 MEETS: JAN 13-MAY 8

CONSTR USER INTRFAC COM S 319 3 CREDITS
 8537005 1 MWF 11:00-11:50 JANNESARI A
 MEETS: JAN 13-MAY 8

INTR CPTR ARCH&MACH COM S 321 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228,
 C- OR BETTER IN MATH 165, COM S 230 OR CPR E 281,
 ENGL 250
 2684005 1 MWF 11:00-11:50 SHEAFFER J
 MEETS: JAN 13-MAY 8

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 MINER A
 MEETS: JAN 13-MAY 8

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 EULENSTEIN O
 MEETS: JAN 13-MAY 8
 2686100 1 T 9:00-9:50
 MEETS: JAN 13-MAY 8
 2686105 2 T 3:10-4:00
 MEETS: JAN 13-MAY 8
 2686110 3 T 10:00-10:50
 MEETS: JAN 13-MAY 8

COMPUTER SCIENCE (CONTINUED)

PRIN Progr LANGUAGS COM S 342 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228;
 C- OR BETTER IN MATH 165; COM S 230 OR CPR E 310
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.
 2687005 A TR 2:10-3:30 BASU S
 MEETS: JAN 13-MAY 8
 2687100 1 W 9:00-9:50
 MEETS: JAN 13-MAY 8
 2687105 2 W 4:10-5:00
 MEETS: JAN 13-MAY 8
 2687015 3 W 11:00-11:50
 MEETS: JAN 13-MAY 8

NUMBER THEORY COM S 350 3 CREDITS
 Prereq: MATH 201 OR COM S 230
 5790005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

INTRO OPERATING SYS COM S 352 3 CREDITS
 Prereq: COM S 321 OR CPR E 381, AND COM S 327 OR
 CPR E 288; ENGL 250
 2688005 A MWF 2:10-3:00 RUAN L
 MEETS: JAN 13-MAY 8
 2688010 B MWF 9:00-9:50 RUAN L
 MEETS: JAN 13-MAY 8
 2688100 1 R 8:00-8:50
 MEETS: JAN 13-MAY 8
 2688105 2 R 1:10-2:00
 MEETS: JAN 13-MAY 8

OBJCT-ORIEN ANALY&D COM S 362 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228;
 C- OR BETTER IN MATH 165; ENGL 250
 2622005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

INTR DATABS MGT SYS COM S 363 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228;
 C- OR BETTER IN MATH 165; ENGL 250
 2689005 1 TR 12:40-2:00 CAI Y
 MEETS: JAN 13-MAY 8
 2689010 2 TR 9:30-10:50 LI Q
 MEETS: JAN 13-MAY 8

COOPERATIVE EDUCATN COM S 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Instructor permission required.
 2691005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CPR SCI SENIOR PROJ COM S 402C 2- 3 CREDITS
 Prereq: COM S 309, COM S 311, COM S 321, AND
 COM S 331, SENIOR CLASSIFICATION
 Note: NO MORE THAN 6 CREDITS OF COM S 402A, COM S 402B,
 AND COM S 402C MAY BE APPLIED TOWARD GRADUATION
 OFFERED FOR 3 CREDITS
 Instructor permission required.
 9711005 1 ARRANGED MITRA S
 MEETS: JAN 13-MAY 8

FORML MTHDS SFTWR E COM S 412 3 CREDITS
 Prereq: COM S 311, STAT 330
 8536005 1 TR 3:40-5:00 BASU S
 MEETS: JAN 13-MAY 8

FNDTNS PROGRM ANLYS COM S 413 3 CREDITS
 Prereq: COM S 331, COM S 342
 9917005 1 MWF 3:10-4:00 LE W
 MEETS: JAN 13-MAY 8

INTR CMPTNL GEOMTRY COM S 418 3 CREDITS
 Prereq: 311 OR INSTRUCTOR PERMISSION
 5952005 1 TR 9:30-10:50 JIA Y
 MEETS: JAN 13-MAY 8

CPTR GAME&MEDIA PRG COM S 437 3 CREDITS
 Prereq: COM S 336 OR PERMISSION OF INSTRUCTOR
 2793005 1 TR 11:00-12:20 LATHROP J
 MEETS: JAN 13-MAY 8

SIMULATN:ALG&IMPLEM COM S 455 3 CREDITS
 Prereq: COM S 311, COM S 230, STAT 330, ENGL 150,
 SP CM 212
 8123005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

INTRO MACHINE LRNG COM S 474 3 CREDITS
 Prereq: COM S 311, STAT 330 OR STAT 305, MATH
 165, ENGL 250, SP CM 212
 2253005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

COMPUTER SCIENCE (CONTINUED)

COMPUTER SCIENCE (CONTINUED)

MOTION STRATG ALGOR COM S 476X 3 CREDITS
 Prereq: ENGL 250, SP CM 212, COM S 311
 0210005 1 TR 3:40-5:00 SONG G
 MEETS: JAN 13-MAY 8

NUMRC MTHDS DIFF EQ COM S 481 3 CREDITS
 Prereq: MATH 265 AND EITHER MATH 266 OR MATH 267
 2699005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

NTWRK PROG,APPS,RES COM S 487 3 CREDITS
 Prereq: COM S 352 OR CPR E 489 OR EQUIVALENT
 2972005 1 MWF 1:10-2:00 CAI Y
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY COM S 490 VAR. CREDITS
 Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE
 APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS COM S 490H VAR. CREDITS
 Prereq: 6 CREDITS IN COM S, PERMISSION OF
 INSTRUCTOR, MEMBERSHIP IN HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

DSN&ANALYSIS ALGTHM COM S 511 3 CREDITS
 Prereq: 311
 2706005 1 TR 9:30-10:50 EULENSTEIN O
 MEETS: JAN 13-MAY 8

FORML MTHDS SFTWR E COM S 512 3 CREDITS
 Prereq: GRADUATE STANDING OR PERMISSION OF
 INSTRUCTOR
 2707005 1 TR 3:40-5:00 BASU S
 MEETS: JAN 13-MAY 8

FNDTNS PROGRM ANLYS COM S 513 3 CREDITS
 Prereq: COM S 331, COM S 342
 9916005 1 MWF 3:10-4:00 LE W
 MEETS: JAN 13-MAY 8

INTR CMPTNL GEOMTRY COM S 518 3 CREDITS
 Prereq: COM S 311 OR PERMISSION OF INSTRUCTOR
 5866005 1 TR 9:30-10:50 JIA Y
 MEETS: JAN 13-MAY 8

NUM ANALY HI-P COMP COM S 525 3 CREDITS
 Prereq: CPR E 308 OR MATH 481; EXPERIENCE IN
 SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C
 2049005 1 TR 11:00-1:00
 MEETS: JAN 13-MAY 8

THEORY OF COMPUTATN COM S 531 3 CREDITS
 Prereq: 331
 2709005 1 MWF 9:00-9:50 SLUTZKI G
 MEETS: JAN 13-MAY 8

SIMULATN:ALG&IMPLEM COM S 555 3 CREDITS
 Prereq: 311, 330, STAT 330
 8124005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

SEC&PRIVCY IN CLOUD COM S 559 3 CREDITS
 Prereq: COM S 352 OR CPR E 308; COM S 486 OR
 CPR E 489 OR CPR E 530
 1746005 1 TR 2:10-3:30 ZHANG W
 MEETS: JAN 13-MAY 8

DATA-DRV SECUR&PRIV COM S 560 3 CREDITS
 Prereq: CPR E 531; COM S 474 OR COM S 573
 6361005 1 MW 2:10-3:30
 MEETS: JAN 13-MAY 8

STAT BIOINFORMATICS COM S 568 3 CREDITS
 Prereq: BCB 567 OR BIOL 315 AND STAT 430;
 CREDIT OR ENROLLMENT IN GEN 409
 3310005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8

MACHINE LEARNING COM S 573 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 2660005 1 MWF 2:10-3:00 TIAN J
 MEETS: JAN 13-MAY 8

INTRO MACHINE LRNG COM S 574 3 CREDITS
 Prereq: COM S 311, STAT 330 OR STAT 305, MATH
 165, ENGL 250, SP CM 212; GRADUATE STANDING OR
 PERMISSION OF INSTRUCTOR
 8483005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

COMPUTATNL PERCEPTN COM S 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 3246005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

MOTION STRATG ALGOR COM S 576X 3 CREDITS
 Prereq: ENGL 250, SP CM 212, COM S 311
 0211005 1 TR 3:40-5:00 SONG G
 MEETS: JAN 13-MAY 8

NTWRK PROG,APPS,RES COM S 587 3 CREDITS
 Prereq: COM S 352 OR CPR E 489 OR EQUIVALENT
 6143005 1 MWF 1:10-2:00 CAI Y
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS COM S 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH COLLOQUIA COM S 592 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Note: COURSE WILL NOT MEET ALL DAYS.
 Satisfactory-Fail Only.
 8406005 1 MWF 4:10-5:00 ADURI P
 MEETS: JAN 13-MAY 8

GRADUATE INTERNSHIP COM S 598 R CREDIT
 Prereq: GRADUATE CLASSIFICATION
 5627005 1 ARRANGED ADURI P
 MEETS: JAN 13-MAY 8

CREATIVE COMPONENT COM S 599 1- 3 CREDITS
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COM S 610 VAR. CREDITS
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ANLYS ALGOR COM S 611 3 CREDITS
 Prereq: COM S 511, COM S 531
 8204005 1 TR 11:00-12:20 FERNANDEZ-BACA D
 MEETS: JAN 13-MAY 8

ADV TOP SFTWR:FNDTN COM S 665A 3 CREDITS
 Prereq: COM S 511
 1971005 1 MWF 2:10-3:00 LE W
 MEETS: JAN 13-MAY 8

RESEARCH COM S 699 VAR. CREDITS
 Prereq: APPROVAL OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

CONSTRUCTION ENGINEERING

ORIENT TO PRO LIFE CON E 122 1 CREDIT
 5269005 1 R 4:10-6:00PM
 MEETS: JAN 13-MAY 8

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 13-MAY 8

CONSTR MATLS&METHODS CON E 241 3 CREDITS
 Prereq: COMPLETION OF BASIC PROGRAM
 Note: COURSE RESTRICTED TO CON E MAJORS ONLY
 2730005 1 MW 12:10-1:00
 R 8:00-10:50
 MEETS: JAN 13-MAY 8

MECH/ELEC MTRLS&MTH CON E 251 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 241
 2377005 1 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8

CONCRET&STEEL CONST CON E 340 3 CREDITS
 Prereq: E M 324 AND CON E 322; OR C E 306 IN
 LIEU OF CON E 322
 2741005 1 M 4:10-6:00PM
 W 4:10-6:00PM
 MEETS: JAN 13-MAY 8

MECHAN SYS IN BLDGS CON E 352 3 CREDITS
 Prereq: CON E 222, CON E 251, PHYS 222;
 OR PERMISSION OF INSTRUCTOR
 5313005 1 MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 13-MAY 8

CONSTRUCTION ENGINEERING (CONTINUED)

ELECTR SYS IN BLDGS CON E 353 3 CREDITS
 Prereq: PHYS 222 AND CREDIT OR ENROLLMENT IN
 CON E 352; OR PERMISSION OF INSTRUCTOR
 5317005 1 MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 8

ENGINEERING LAW CON E 380 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 5102005 1A MW 3:10-4:30
 MEETS: JAN 13-MAY 8
 Note: SEC 1A FOR MAJORS OTHER THAN CON E
 5102010 1B MW 3:10-4:30
 MEETS: JAN 13-MAY 8
 Note: SEC 1B FOR CON E MAJORS ONLY

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

CONSTR COST EST&ENG CON E 422 3 CREDITS
 Prereq: CON E 241, CON E 251, I E 305
 2747005 1 T 11:00-12:50
 R 11:00-12:50
 MEETS: JAN 13-MAY 8

CON PLAN,SCHED,CNTL CON E 441 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CON E 422
 2742005 1 MW 11:00-11:50
 T 9:00-10:50
 MEETS: JAN 13-MAY 8

CONSTRUC E DESIGN I CON E 487 3 CREDITS
 Prereq: CON E 340 (B,H), CON E 352 (B,E,M),
 CON E 353 (B,E,M), CON E 422, CON E 441. STUDENT
 MUST BE WITHIN TWO SEMESTERS OF GRADUATING.
 7639005 1 MF 12:10-1:00
 T 11:00-1:00, ARRANGED
 MEETS: JAN 13-MAY 8
 7639010 2 MF 12:10-1:00
 T 3:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 8
 7639015 3 MF 12:10-1:00
 R 11:00-1:00, ARRANGED
 MEETS: JAN 13-MAY 8

CON ENGR DESIGN II CON E 488 3 CREDITS
 Prereq: CON E 340 (B,H), CON E 352 (B,E,M),
 CON E 353 (B,E,M), CON E 422, CON E 441. STUDENT
 MUST BE WITHIN TWO SEMESTERS OF GRADUATING.
 7524005 1 M 9:00-9:50
 M 10:00-10:50
 WF 9:00-10:50
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY CON E 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRIMINAL JUSTICE STUDIES

INTRO FORENSIC SCI CJ ST 220 3 CREDITS
 4092005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

INTR CRIMINL JUSTIC CJ ST 240 3 CREDITS
 4719005 A1 TR 11:00-12:20 HARPER S
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO CJ ST, INDIS,
 SOC MAJORS ONLY
 4719010 A2 TR 11:00-12:20 HARPER S
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN CJ ST, INDIS,
 SOC

YOUTH & CRIME CJ ST 241 3 CREDITS
 2576005 1 MWF 2:10-3:00 HEIRIGS M
 MEETS: JAN 13-MAY 8
 2576600 XW ARRANGED HOCHSTETLER A
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

AMER JUDICIAL PROC CJ ST 320 3 CREDITS
 Prereq: POL S 215
 2577005 1 TR 2:10-3:30 WAGGONER K
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO POL S, CJ ST,
 INDIS MAJORS ONLY

RACE ETHN&US CJ SYS CJ ST 335X 3 CREDITS
 Prereq: CJ ST 240 OR AF AM 201
 Note: Meets U.S. diversity reqmt
 0123005 1 MWF 10:00-10:50 BURGASON K
 MEETS: JAN 13-MAY 8

CRIMINAL JUSTICE STUDIES (CONTINUED)

DEVIANT & CRIM BEHAV CJ ST 340 3 CREDITS
 Prereq: SOC 134 OR CJ ST 240
 2579600 XW ARRANGED BEHNKEN M
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

CRIMINOLOGY CJ ST 341 3 CREDITS
 Prereq: CJ ST 240
 3175005 1 TR 11:00-12:20 BUTLER H
 MEETS: JAN 13-MAY 8
 3175600 XW ARRANGED BUTLER H
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

POLICE AND SOCIETY CJ ST 351 3 CREDITS
 Prereq: CJ ST 241 OR SOC 241 OR CJ ST 240
 7751600 XV ARRANGED BRINKLEY J
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW
 7751605 XW ARRANGED THOMAS B
 MEETS: JAN 13-MAY 8
 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 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

CRIMINAL OFFENDERS CJ ST 403 3 CREDITS
 Prereq: 240 OR 241
 3805600 XW ARRANGED ERICKSON J
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

DRUGS AND CRIME CJ ST 405X 3 CREDITS
 Prereq: CJ ST 240
 0157005 1 TR 2:10-3:30 BOUFFARD J
 MEETS: JAN 13-MAY 8

GENDER AND CRIME CJ ST 406X 3 CREDITS
 Prereq: CJ ST 240
 0520005 1 TR 3:40-5:00 HARPER S
 MEETS: JAN 13-MAY 8

CRIM & JUV JUST PRAC CJ ST 460 3-12 CREDITS
 Prereq: JR OR SR CLASSIFICATION; PERMISSION
 OF CJ ST COORDINATOR; MAJOR OR MINOR IN 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 1 ARRANGED DELISI M
 MEETS: JAN 13-MAY 8

ETHCL ISS CRIMNL JU CJ ST 470X 3 CREDITS
 0491005 1 MWF 2:10-3:00 BURGASON K
 MEETS: JAN 13-MAY 8

TOPIC CRIM&JUV JUST CJ ST 484 3 CREDITS
 Prereq: 6 CREDITS IN CJ ST AND PERMISSION OF
 INSTRUCTOR
 2624005 1 M 5:30-8:30PM DRURY A
 MEETS: JAN 13-MAY 8
 Note: SEC 1 TOPIC CORRECTIONAL TREATMENT &
 SUPERVISION

DANCE

MODERN DANCE I DANCE 120 1 CREDIT
 Satisfactory-Fail Only.
 2838005 1 MW 11:00-12:20 ADAMS C
 MEETS: JAN 13-MAY 8

BALLET I DANCE 130 1 CREDIT
 Satisfactory-Fail Only.
 2839005 1 TR 12:40-2:00 ADAMS C
 MEETS: JAN 13-MAY 8

BALLROOM DANCE I DANCE 160 1 CREDIT
 Satisfactory-Fail Only.
 2842005 1 TR 10:00-10:50 BAKER J
 MEETS: JAN 13-MAY 8
 Note: SEC 1 FOR MEN ONLY. MEETS WITH SEC 2
 2842010 2 TR 10:00-10:50 BAKER J
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR WOMEN ONLY. MEETS WITH SEC 1
 2842015 3 TR 11:00-11:50 BAKER J
 MEETS: JAN 13-MAY 8
 Note: SEC 3 FOR MEN ONLY. MEETS WITH SEC 4
 2842020 4 TR 11:00-11:50 BAKER J
 MEETS: JAN 13-MAY 8
 Note: SEC 4 FOR WOMEN ONLY. MEETS WITH SEC 3

DANCE (CONTINUED)

DANCE CONTINUUM DANCE 199 .5- 2 CREDITS
 Prereq: INSTRUCTOR PERMISSION. ADVANCE
 REGISTRATION REQUIRED
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SPRING 2020
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2845005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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 13-MAY 8

MODERN DANCE III DANCE 223 1 CREDIT
 Prereq: 222
 2848005 1 MW 2:10-3:30 ADAMS C
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY
 2849010 2 ARRANGED BAKER J
 MEETS: JAN 13-MAY 8
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
 2849015 3 ARRANGED BAKER J
 MEETS: JAN 13-MAY 8
 Note: SEC 3 OFFERED FOR 2 CREDITS ONLY

BALLET II DANCE 232 1 CREDIT
 Prereq: PREVIOUS BALLET EXPERIENCE
 2850005 1 MW 12:10-1:30 ADAMS C
 MEETS: JAN 13-MAY 8

JAZZ II DANCE 242 1 CREDIT
 Prereq: PREVIOUS JAZZ DANCE EXPERIENCE
 2852005 1 TR 2:10-3:30 BAKER J
 MEETS: JAN 13-MAY 8

YOGA MOVEMENT DANCE 250 1 CREDIT
 9549005 1 TR 4:10-5:00 ADAMS C
 MEETS: JAN 13-MAY 8

DANCE APPRECIATION DANCE 270 3 CREDITS
 Note: Meets international perspectives reqmt
 2855005 1 MWF 1:10-2:00 BAKER J
 MEETS: JAN 13-MAY 8

HIST &PHIL OF DANCE DANCE 360 3 CREDITS
 Prereq: 270
 2857005 1 TR 2:10-3:30 ADAMS C
 MEETS: JAN 13-MAY 8

ADV STUDIES DANCE DANCE 370 1- 3 CREDITS
 Prereq: 2 CR IN DANCE, ADVANCE REGISTRATION REQ'D
 Note: Instructor permission required 1st week.
 2858005 1 ARRANGED ADAMS C
 MEETS: JAN 13-MAY 8

TCHNG TECHNIQ &COMP DANCE 386 2 CREDITS
 Prereq: 320
 2861005 1 MWF 11:00-11:50 BAKER J
 MEETS: JAN 13-MAY 8

INDEPEN STUDY DANCE DANCE 490A 1- 3 CREDITS
 Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY DANCE 490H 1- 3 CREDITS
 Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DATA SCIENCE (CONTINUED)

APP DATA MODEL&ANLY DS 301 3 CREDITS
 Prereq: LAS 201; ONE OF STAT 101, STAT 104,
 STAT 105, STAT 201, STAT 226, STAT 231, STAT 305,
 STAT 322, STAT 330
 9887005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

DATA SCI MTH PRNCPL DS 422X 3 CREDITS
 Prereq: MATH 414
 0127005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

DESIGN THINKING DES 230 3 CREDITS
 4957005 1 MW 1:10-2:30
 MEETS: JAN 13-MAY 8

INTDSC FOUND STO II DES 242 4 CREDITS
 9904005 1 TR 9:00-12:20
 MEETS: JAN 13-MAY 8

DESIGN FORUM DES 250 2 CREDITS
 Prereq: DSN S 102, DSN S 131, DSN S 183,
 CREDIT OR CONCURRENT ENROLLMENT IN DES 230
 4960005 1 F 1:10-3:00 JACKSON M
 MEETS: JAN 13-MAY 8

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 1 MW 3:40-5:00 VALENTINE O
 MEETS: JAN 13-MAY 8

TIME-BASE DIGT MDIA DES 333 3 CREDITS
 Prereq: DSN S 232 OR EQUIVALENT
 9924005 1 TR 12:40-2:00 KHALANDOVSKIY I
 MEETS: JAN 13-MAY 8

CAPSTONE EXPERIENCE DES 495 4 CREDITS
 Prereq: 2 CREDITS OF DES 340; CLASSIFICATION
 AS DES MAJOR
 8101005 1 MW 9:00-12:20 LAIR K
 MEETS: JAN 13-MAY 8

DESIGN

DESIGN STUDIES

DESIGN STUDIO I DSN S 102 4 CREDITS
 Note: ODD NUMBERED SEC ARE RESTRICTED TO THE COLLEGE
 OF DESIGN MAJORS ONLY. EVEN NUMBERED SEC ARE FOR
 MAJORS OTHER THAN IN THE COLLEGE OF DESIGN.
 8050005 1 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

8050010 2 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

8050015 3 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

8050020 4 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

8050025 5 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

8050030 6 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

8050035 7 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

8050040 8 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

8050045 9 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

8050050 10 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

8050055 11 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

8050060 12 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

8050065 13 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

DATA SCIENCE

INTRO DATA SCIENCE DS 201 3 CREDITS
 Prereq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA
 9812005 1 MW 2:10-3:00
 F 1:10-3:00
 MEETS: JAN 13-MAY 8
 9812600 XW ARRANGED SUKUL A
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WW
 Delivery fee \$150.00

DATA ACQUISN&ANALYS DS 202 3 CREDITS
 Prereq: DS 201X
 9884005 1 MW 12:10-1:30
 MEETS: JAN 13-MAY 8

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIO I	DSN S 102	4 CREDITS
8050070	14 MW 12:10-3:00 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050075	15 TR 8:00-10:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050080	16 TR 8:00-10:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050085	17 TR 8:00-10:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050090	18 TR 8:00-10:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050095	19 TR 8:00-10:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050100	20 TR 8:00-10:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050105	21 TR 11:00-1:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050110	22 TR 11:00-1:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050115	23 TR 11:00-1:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050120	24 TR 11:00-1:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050125	25 TR 11:00-1:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050130	26 TR 11:00-1:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050135	27 TR 11:00-1:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
8050140	28 TR 11:00-1:50 F 9:00-9:50 MEETS: JAN 13-MAY 8	
Note: Instructor permission required 1st week.		
DESIGN EXCH SEMIN II	DSN S 111	1 CREDIT
Prereq: MEMBER OF DESIGN EXCHANGE LEARN COMMUNITY		
Note: COURSE RESTRICTED TO COLLEGE OF DESIGN STUDENTS.		
Satisfactory-Fail Only.		
7658005	1 T 6:00-7:30PM	COOPER M
MEETS: JAN 13-MAY 8		
DESIGN COLLABOR SEM	DSN S 115	.5 CREDIT
Prereq: MEMBER OF DESIGN COLLABORATIVE LEARNING COMMUNITY		
Satisfactory-Fail Only.		
7947005	1 W 8:00-8:50	COOPER M
MEETS: JAN 13-MAY 8		
DRAWING I	DSN S 131	4 CREDITS
Note: ODD NUMBERED SEC ARE RESTRICTED TO THE COLLEGE OF DESIGN MAJORS ONLY. EVEN NUMBERED SEC ARE FOR MAJORS OTHER THAN IN THE COLLEGE OF DESIGN.		
Instructor permission required 1st week.		
2124005	1 MW 9:00-11:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	HARRIS A RICHARDS C
2124010	2 MW 9:00-11:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	HARRIS A RICHARDS C
2124015	3 MW 9:00-11:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	PAPPENHEIMER D RICHARDS C
2124020	4 MW 9:00-11:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	PAPPENHEIMER D RICHARDS C
2124025	5 MW 9:00-11:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	STAMY C RICHARDS C
2124030	6 MW 9:00-11:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	STAMY C RICHARDS C
2124035	7 MW 9:00-11:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	STREETER P RICHARDS C
2124040	8 MW 9:00-11:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	STREETER P RICHARDS C

DRAWING I	DSN S 131	4 CREDITS
2124045	9 MW 12:10-3:00 TR 3:40-4:30 MEETS: JAN 13-MAY 8	PAPPENHEIMER D RICHARDS C
2124050	10 MW 12:10-3:00 TR 3:40-4:30 MEETS: JAN 13-MAY 8	PAPPENHEIMER D RICHARDS C
2124055	11 MW 12:10-3:00 TR 3:40-4:30 MEETS: JAN 13-MAY 8	THOMPSON N RICHARDS C
2124060	12 MW 12:10-3:00 TR 3:40-4:30 MEETS: JAN 13-MAY 8	THOMPSON N RICHARDS C
2124065	13 MW 12:10-3:00 TR 3:40-4:30 MEETS: JAN 13-MAY 8	SEGNER A RICHARDS C
2124070	14 MW 12:10-3:00 TR 3:40-4:30 MEETS: JAN 13-MAY 8	SEGNER A RICHARDS C
2124075	15 MW 3:10-6:00PM TR 3:40-4:30 MEETS: JAN 13-MAY 8	HARRIS A RICHARDS C
2124080	16 MW 3:10-6:00PM TR 3:40-4:30 MEETS: JAN 13-MAY 8	HARRIS A RICHARDS C
2124085	17 MW 3:10-6:00PM TR 3:40-4:30 MEETS: JAN 13-MAY 8	SEGNER A RICHARDS C
2124090	18 MW 3:10-6:00PM TR 3:40-4:30 MEETS: JAN 13-MAY 8	SEGNER A RICHARDS C
2124095	19 MW 3:10-6:00PM TR 3:40-4:30 MEETS: JAN 13-MAY 8	THOMPSON N RICHARDS C
2124100	20 MW 3:10-6:00PM TR 3:40-4:30 MEETS: JAN 13-MAY 8	THOMPSON N RICHARDS C
2124105	21 MW 3:10-6:00PM TR 3:40-4:30 MEETS: JAN 13-MAY 8	PAPPENHEIMER D RICHARDS C
2124110	22 MW 3:10-6:00PM TR 3:40-4:30 MEETS: JAN 13-MAY 8	PAPPENHEIMER D RICHARDS C
2124115	23 TR 8:00-10:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	STAMY C RICHARDS C
2124120	24 TR 8:00-10:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	STAMY C RICHARDS C
2124125	25 TR 8:00-10:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	SEGNER A RICHARDS C
2124130	26 TR 8:00-10:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	SEGNER A RICHARDS C
2124135	27 TR 8:00-10:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	STREETER P RICHARDS C
2124140	28 TR 8:00-10:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	STREETER P RICHARDS C
2124145	29 TR 11:00-1:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	STREETER P RICHARDS C
2124150	30 TR 11:00-1:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	STREETER P RICHARDS C
2124155	31 TR 11:00-1:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	YANULIS C RICHARDS C
2124160	32 TR 11:00-1:50 TR 3:40-4:30 MEETS: JAN 13-MAY 8	YANULIS C RICHARDS C
DESIGN IN CONTEXT	DSN S 183	3 CREDITS
5945005	1 TR 2:10-3:00 F 10:00-10:50 MEETS: JAN 13-MAY 8	BASMAJIAN C
5945010	2 TR 2:10-3:00 F 10:00-10:50 MEETS: JAN 13-MAY 8	BASMAJIAN C
5945015	3 TR 2:10-3:00 F 11:00-11:50 MEETS: JAN 13-MAY 8	BASMAJIAN C
5945020	4 TR 2:10-3:00 F 11:00-11:50 MEETS: JAN 13-MAY 8	BASMAJIAN C
5945025	5 TR 2:10-3:00 F 12:10-1:00 MEETS: JAN 13-MAY 8	BASMAJIAN C
5945030	6 TR 2:10-3:00 F 12:10-1:00 MEETS: JAN 13-MAY 8	BASMAJIAN C
5945035	7 TR 2:10-3:00 F 1:10-2:00 MEETS: JAN 13-MAY 8	BASMAJIAN C
5945040	8 TR 2:10-3:00 F 1:10-2:00 MEETS: JAN 13-MAY 8	BASMAJIAN C
5945045	9 TR 2:10-3:00 F 2:10-3:00 MEETS: JAN 13-MAY 8	BASMAJIAN C
5945600	XW ARRANGED MEETS: JAN 13-MAY 7	BASMAJIAN C

Note: SECTION RESTRICTED TO STUDENTS OUTSIDE THE COLLEGE OF DESIGN

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIES

(CONTINUED)

DESIGN IN CONTEXT DSN S 183 3 CREDITS
 Section XW is off campus
 Course delivery is WWW
 5945050 10 TR 2:10-3:00 BASMAJIAN C
 F 12:10-1:00
 MEETS: JAN 13-MAY 8
 5945055 11 TR 2:10-3:00 BASMAJIAN C
 F 11:00-11:50
 MEETS: JAN 13-MAY 8
 5945060 12 TR 2:10-3:00
 F 3:10-4:00
 MEETS: JAN 13-MAY 8

DIGTL DSGN CMUNICA DSN S 232 3 CREDITS
 2087005 1 TR 5:40-7:00PM KHALANDOVSKIY I
 MEETS: JAN 13-MAY 8
 2087010 2 TR 5:40-7:00PM KHALANDOVSKIY I
 MEETS: JAN 13-MAY 8

STDY ABRD PREP SEMN DSN S 301 1 CREDIT
 Satisfactory-Fail Only.
 7396005 1 M 6:00-6:50PM HOGAN J
 MEETS: JAN 13-MAY 8

DESIGN LEADRSHP 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 STAMY C
 ARRANGED
 MEETS: JAN 13-MAY 8
 8568010 2 T 6:10-7:00PM IYANALU A
 ARRANGED
 MEETS: JAN 13-MAY 8
 8568015 3 T 6:10-7:00PM IYANALU A
 ARRANGED
 MEETS: JAN 13-MAY 8

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 1 ARRANGED ANDERSON J
 MEETS: JAN 13-MAY 8
 Note: SEC 1 OFFERED FOR 2 CREDITS
 1677010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 OFFERED FOR 1 CREDIT

PRACTICAL EXPERIENC DSN S 310 R CREDIT
 Prereq: PERMISSION OF ADVISER OR COORDINATOR
 OF DESIGN STUDIES
 Satisfactory-Fail Only.
 5669005 1 ARRANGED
 MEETS: JAN 13-MAY 8

TIME-BASE DIGT MDIA DSN S 333 3 CREDITS
 Prereq: DSN S 232 OR EQUIVALENT
 9931005 1 TR 12:40-2:00 KHALANDOVSKIY I
 MEETS: JAN 13-MAY 8

INDEP STDY CMUNICAT DSN S 490C 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

INDEPN STUDY DESIGN DSN S 490D 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENTREPRN DSN S 490E 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY OUTREACH DSN S 490G 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS
 Prereq: GRADUATE OR SENIOR STANDING IN THE
 COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR
 2878005 1 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 OFFERED FOR 6 CREDITS
 2878010 2 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 OFFERED FOR 6 CREDITS
 2878015 3 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 3 OFFERED FOR 6 CREDITS
 2878020 4 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 4 OFFERED FOR 6 CREDITS
 2878025 5 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 5 OFFERED FOR 6 CREDITS

INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS
 2878030 6 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 6 OFFERED FOR 6 CREDITS
 2878035 7 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 7 OFFERED FOR 6 CREDITS
 2878040 8 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 8 OFFERED FOR 6 CREDITS
 2878045 9 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 9 OFFERED FOR 4 CREDITS
 2878050 10 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 10 OFFERED FOR 6 CREDITS
 2878055 11 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 11 OFFERED FOR 6 CREDITS
 2878060 12 MW 1:10-4:30, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 12 OFFERED FOR 4 CREDITS
 2878065 13 MWF 1:10-5:20
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 13 OFFERED FOR 6 CREDITS
 2878070 14 TR 8:00-1:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 14 OFFERED FOR 6 CREDITS

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 COUNS&ED METHD DIET 566 3 CREDITS
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 5579005 1 M 9:00-10:40
 W 9:00-10:40
 MEETS: JAN 13-MAY 8

EARLY CHILDCARE EDUCATION AND PROGRAMMI

CHILD DEVEL AGE 4-8 E C P 202 3 CREDITS
 Prereq: HD FS 102
 9151600 XG ARRANGED
 MEETS: JAN 13-MAY 8
 Note: THE COURSE IS RESTRICTED TO GPIDEA STUDENTS ONLY.
 IF SPACE IS AVAILABLE IN THE COURSE AFTER 12/14,
 IT WILL BE RELEASED TO STUDENTS ON THE WAITLIST
 PLEASE ADD YOUR NAME TO THE WAITLIST AT
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

INTRO EARLY CARE&ED E C P 305 3 CREDITS
 Prereq: HD FS 102
 9204600 XG ARRANGED
 MEETS: JAN 12-MAY 1
 Note: THE COURSE IS RESTRICTED TO GPIDEA STUDENTS ONLY.
 IF SPACE IS AVAILABLE IN THE COURSE AFTER 12/14,
 IT WILL BE RELEASED TO STUDENTS ON THE WAITLIST
 PLEASE ADD YOUR NAME TO THE WAITLIST AT
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ECOLOGY & EVOLUTIONARY BIOLOGY

FIELD TRIP PRE-TRIP EEB 585A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION; PERMISSMION OF
 INSTRUCTOR
 2862005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 7861010 2 ARRANGED
 MEETS: JAN 13-MAY 8

ECOLOGY & EVOLUTIONARY BIOLOGY (CONTINUED)

ECONOMICS

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

ECOLOGY, EVOLUTION & ORGANISMAL BIOL

CONSERVATION BIOLGY EEOB 531 3 CREDITS
 Prereq: BIOL 312; BIOL 313 OR GRADUATE STANDING
 2644005 1 MWF 1:10-2:00 KLAVER R
 MEETS: JAN 13-MAY 8

INTRO DNA TECHNIQS EEOB 542A 1 CREDIT
 Satisfactory-Fail Only.
 7105005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTR PROTEIN TECHNQ EEOB 542B 1 CREDIT
 Satisfactory-Fail Only.
 6957005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTRO CELL TECHNIQS EEOB 542C 1 CREDIT
 Satisfactory-Fail Only.
 7119005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

BRYOPHYT&LICHN DVRS EEOB 555 3 CREDITS
 Prereq: BIOL 212, BIOL 212L
 8952005 1 MR 4:10-6:30PM
 MEETS: JAN 13-MAY 8

EVOL & ECOL GENOMICS EEOB 561 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR. RECOMMEND
 BCBIO 444.
 1163005 1 WF 1:10-2:30
 MEETS: JAN 13-MAY 8

EVOLUTNARY GENETICS EEOB 562 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1241005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

MOLEC PHYLOGENETICS EEOB 563 3 CREDITS
 Prereq: BIOL 313, BIOL 315
 7054005 1 TR 9:00-10:50
 MEETS: JAN 13-MAY 8

MACROEVOLUTION EEOB 565 3 CREDITS
 Prereq: BIOL 315
 9899005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

ADVANCD SYSTEMATICS EEOB 568 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7065005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ANALYS ENVIRNM SYST EEOB 582 3 CREDITS
 0480005 1 ARRANGED
 TR 11:00-1:00
 MEETS: JAN 13-MAY 8
 0480010 2 ARRANGED, TR 1:10-3:00
 MEETS: JAN 13-MAY 8
 0480015 3 ARRANGED, TR 3:10-5:00
 MEETS: JAN 13-MAY 8

ECOSYSTEM SCIENCE EEOB 584 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOL, CHEM, PHYS
 2132005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

SEMINAR EEOB 698 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH EEOB 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRIN MICROECONOMICS ECON 101 3 CREDITS
 3100005 1 TR 11:00-12:20 DEITER R
 MEETS: JAN 13-MAY 8

3100010 2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

3100015 3 MWF 11:00-11:50 HARRIS-LAGOUDAKI
 MEETS: JAN 13-MAY 8

3100020 4 MWF 1:10-2:00 WOHLGEMUTH D
 MEETS: JAN 13-MAY 8

3100025 5 MWF 2:10-3:00 WOHLGEMUTH D
 MEETS: JAN 13-MAY 8

3100600 XW ARRANGED PELECH P
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

PRIN MACROECONOMICS ECON 102 3 CREDITS
 Prereq: ECON 101 RECOMMENDED

3099005 1 MWF 9:00-9:50 ELOBEID A
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099010 2 MWF 10:00-10:50 ELOBEID A
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099015 3 MWF 1:10-2:00 ASAD S
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099020 4 TR 9:30-10:50 OH M
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099025 5 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3099600 XW ARRANGED AHN K
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ORIENTATION AG BUSI ECON 110 1 CREDIT
 3172005 1 MW 12:10-1:00 BRANDAU A
 MEETS: JAN 13-MARCH 6

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 10:00-10:50 WOHLGEMUTH D
 W 2:10-3:25 WOHLGEMUTH D
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

2753010 2 MW 10:00-10:50 WOHLGEMUTH D
 R 2:10-3:25 WOHLGEMUTH D
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

2753015 3 MW 10:00-10:50 WOHLGEMUTH D
 R 3:40-5:00 WOHLGEMUTH D
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

FARM BUSINESS MGT ECON 230 3 CREDITS
 Prereq: ECON 101; ACCT 284

3177005 1 MWF 9:00-9:50 BOESSEN C
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO AG B MAJORS ONLY
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3177010 2 MWF 9:00-9:50 BOESSEN C
 MEETS: JAN 13-MAY 8

SMALL BUSINESS MGMT ECON 234 3 CREDITS
 Prereq: ECON 101

4708005 1 MWF 10:00-10:50 KIMLE K
 MEETS: JAN 13-MAY 8

INTRO AGRI MARKETS ECON 235 3 CREDITS
 Prereq: ECON 101

3174005 1 TR 12:40-2:00 BOESSEN C
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3174010 2 TR 9:30-10:50 ELOBEID A
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ECONOMICS (CONTINUED)

ECONOMICS (CONTINUED)

COOPERATIVE EDUC ECON 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 Note: Instructor permission required.
 4834005 1 ARRANGED DEITER R
 MEETS: JAN 13-MAY 8

INTERMED MICROECON ECON 301 3- 4 CREDITS
 Prereq: ECON 101; ECON 207 OR MATH 166
 Note: COURSE OFFERED FOR 4 CREDITS SPRING 2020
 3101005 1 MWF 11:00-11:50 CLANCY M
 W 2:10-4:00
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3101010 2 MWF 11:00-11:50 CLANCY M
 R 2:10-4:00
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3101015 3 TR 9:30-10:50 WINTERS J
 T 2:10-4:00
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3101020 4 TR 9:30-10:50 WINTERS J
 W 2:10-4:00
 MEETS: JAN 13-MAY 8

INTERMED MACROECON ECON 302 3 CREDITS
 Prereq: ECON 101, ECON 102; MATH 160 OR MATH 165
 3102005 1 TR 2:10-3:25 CORDOBA J
 MEETS: JAN 13-MAY 8

ECONOMICS OF SPORTS ECON 313 3 CREDITS
 Prereq: ECON 101
 4910005 1 MWF 10:00-10:50 DEITER R
 MEETS: JAN 13-MAY 8

ENTREPRENEURSHIP AG ECON 334 3 CREDITS
 Prereq: ECON 101
 6836005 1 MWF 12:10-1:00 KIMLE K
 MEETS: JAN 13-MAY 8

AGRICULTRL MARKETNG ECON 337 3 CREDITS
 Prereq: ECON 101; ECON 235 IS RECOMMENDED
 2316005 1 TR 9:30-10:50 HART C
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO AG B, ECON MAJORS ONLY
 2316010 2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

PUBLIC FINANCE ECON 344 3 CREDITS
 Prereq: ECON 101
 3111005 1 TR 2:10-3:25 HOFFMAN E
 MEETS: JAN 13-MAY 8

MONEY,BANK,FIN INST ECON 353 3 CREDITS
 Prereq: ECON 101, ECON 102
 3103005 1 MWF 1:10-2:00 OH M
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

INT'L TRADE&FINANCE ECON 355 3 CREDITS
 Prereq: ECON 101, ECON 102
 Note: Meets international perspectives reqmt
 8925005 1 MWF 2:10-3:00 CHOI E
 MEETS: JAN 13-MAY 8
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

RURAL PRPRTY APPRSL ECON 364 3 CREDITS
 Prereq: 101
 8902005 1 TR 2:10-3:25 ZHANG W
 MEETS: JAN 13-MAY 8

INTRO ECONOMETRICS ECON 371 4 CREDITS
 Prereq: ECON 301, ECON 302 OR ECON 353, STAT 326
 2790005 1 MW 9:00-9:50 KEDAGNI D
 F 9:00-10:50 KEDAGNI D
 MEETS: JAN 13-MAY 8

RETIREM PLN&BENEFTS ECON 378 3 CREDITS
 Prereq: 3 CREDITS IN INTRODUCTORY ECONOMICS
 Note: Meets U.S. diversity reqmt
 5750005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

ENERGY&ENVIRON ECON ECON 380 3 CREDITS
 Prereq: ECON 101
 3180005 1 TR 12:40-2:00 WENINGER Q
 MEETS: JAN 13-MAY 8

ECONOMIC DEVELOPMNT ECON 385 3 CREDITS
 Prereq: ECON 101, ECON 102
 Note: Meets international perspectives reqmt
 3114005 1 TR 12:40-2:00 LUVAGA E
 MEETS: JAN 13-MAY 8

COOPERATIVE EDUC ECON 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 Note: Permission of adviser required.
 4835005 1 ARRANGED DEITER R
 MEETS: JAN 13-MAY 8

INDUSTRIAL ORGANZTN ECON 416 3 CREDITS
 Prereq: ECON 301
 3184005 1 TR 2:10-3:25 CLANCY M
 MEETS: JAN 13-MAY 8

ANALYSIS FOOD MRKTS ECON 435 3 CREDITS
 Prereq: STAT 226, ECON 235, ECON 301
 2732005 1 MWF 10:00-10:50 CRESPI J
 MEETS: JAN 13-MAY 8

INTERNATIONAL TRADE ECON 455 3 CREDITS
 Prereq: ECON 301
 Note: Meets international perspectives reqmt
 9531005 1 TR 12:40-1:55 LYN G
 MEETS: JAN 13-MAY 8

INTERNATNAL FINANCE ECON 457 3 CREDITS
 Prereq: ECON 302
 Note: Meets international perspectives reqmt
 5250005 1 TR 11:00-12:15 SINGH R
 MEETS: JAN 13-MAY 8

AGRICULTURL FINANCE ECON 466 3 CREDITS
 Prereq: ECON 301, STAT 226, FIN 301 AND ECON 353
 (RECOMMENDED)
 3183005 1 MWF 1:10-2:00 CRESPI J
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY ECON 490 1- 5 CREDITS
 Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6
 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED
 FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO
 MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR ECON 490E 1- 5 CREDITS
 Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ECON 490H 1- 5 CREDITS
 Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON.
 AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON
 490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY COUNT
 NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6
 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED
 FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO
 MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.
 COURSE RESTRICTED TO UNIV. HONORS STUDENTS.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATNG SR SURVEY ECON 492 R CREDIT
 Prereq: GRADUATING SENIOR
 Satisfactory-Fail Only.
 6208005 1 R 4:10-5:00 DEITER R
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO AG B MAJORS ONLY
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 6208100 2 R 4:10-5:00 DEITER R
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO BUSSEC MAJORS ONLY
 6208015 3 R 4:10-5:00 DEITER R
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO ECON MAJORS ONLY

ENTREPRN AG STARTUP ECON 494X 3 CREDITS
 Prereq: ECON 334. PERMISSION OF INSTRUCTOR
 0370005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ECON DOMESTC TRAVEL ECON 495 1- 3 CREDITS
 Prereq: SOPHOMORE STATUS, INSTRUCTOR PERMISSION
 Note: DOMESTIC TRAVEL IN THE MIDWEST
 9444005 1 MW 3:10-4:30, ARRANGED KIMLE K
 MEETS: JAN 13-MAY 8
 Note: FIELD TRIPS & TRAVEL FEE IS FOR SECTION 2 ONLY
 9444010 2 W 3:30-4:50, ARRANGED JACOBS K
 MEETS: JAN 13-APRIL 1
 Note: Field trips & travel fee \$25.00-\$1,200.00

ECON TRAVEL COURSE ECON 496 1- 3 CREDITS
 Prereq: SOPHOMORE STATUS, PERMISSION OF INSTRUCTR
 Note: Meets international perspectives reqmt
 5225800 AU ARRANGED LUVAGA E
 MEETS: JAN 13-MAY 8
 Note: SEC AU TAUGHT IN AUSTRALIA. TOPIC: AGRICULTURAL
 PRODUCTION, BUSINESS AND TRADE IN AUSTRALIA
 STUDY ABROAD SPRING 2020 OFFERED FOR 1-2 CREDITS
 TRAVEL MARCH 12-23
 Study Abroad Administrative Fee Applies
 5225805 IE ARRANGED ROSENBLUM J
 MEETS: JAN 13-MARCH 21
 Note: SEC IE TAUGHT IN IRELAND & UK. SPRING BREAK
 IN IRELAND & THE UK: HISTORY, POLITICS & ECONOMICS

ECONOMICS		(CONTINUED)	
ECON TRAVEL COURSE	ECON 496	1- 3 CREDITS	
OF BREXIT. STUDY ABROAD SPRING 2020. OFFERED FOR 3 CR TRAVEL MARCH 12-21			
Study Abroad Administrative Fee Applies			
COOPERATIVE EDUC	ECON 498	R CREDIT	
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION			
Note: Permission of adviser required.			
4836005	1 ARRANGED	DEITER R	
MEETS: JAN 13-MAY 8			
EXPERMNTL ECONOMICS	ECON 510	3 CREDITS	
Prereq: ECON 501 OR ECON 601			
4909005	1 TR 5:10-6:25PM	HOFFMAN E	
MEETS: JAN 13-MAY 8			
INTERMED ECONOMETRC	ECON 571	3 CREDITS	
Prereq: ECON 500			
9077005	1 MWF 1:10-2:00	HUFFMAN W	
MEETS: JAN 13-MAY 8			
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	LYN G	
F 3:10-5:00			
MEETS: JAN 13-MAY 8			
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	BHATTACHARYA J	
F 1:10-3:00			
MEETS: JAN 13-MAY 8			
ADV LABOR DMND&MKTS	ECON 621X	3 CREDITS	
Prereq: ECON 601 OR ECON 520			
0366005	1 MWF 2:10-3:00	ZHYLYEVSKYY A	
MEETS: JAN 13-MAY 8			
AGRICULTURL ECON II	ECON 642	3 CREDITS	
Prereq: ECON 603			
2944005	1 TR 11:00-12:15	MOSCHINI G	
MEETS: JAN 13-MAY 8			
INTERNATIONAL TRADE	ECON 655	3 CREDITS	
Prereq: ECON 603			
3140005	1 TR 3:40-5:00	BALISTRERI E	
MEETS: JAN 13-MAY 8			
ECONOMETRICS II	ECON 672	4 CREDITS	
Prereq: ECON 671			
3146005	1 MW 11:00-12:50	KEDAGNI D	
F 11:00-12:50			
MEETS: JAN 13-MAY 8			
MACROECONOMETRICS	ECON 674	3 CREDITS	
Prereq: ECON 672, ECON 602			
4902005	1 TR 2:10-3:25	BUNZEL H	
MEETS: JAN 13-MAY 8			
ADV RESOURCE ECON	ECON 680	3 CREDITS	
Prereq: ECON 603			
3204005	1 TR 9:30-10:45	WENINGER Q	
MEETS: JAN 13-MAY 8			
ADVANCED TOPICS	ECON 690	1- 5 CREDITS	
Satisfactory-Fail Only.			
***** SEE DEPT FOR REFERENCE NUMBERS			
THIRD-YEAR PAPER	ECON 691	3 CREDITS	
Satisfactory-Fail Only.			
5334005	1 ARRANGED	KREIDER B	
MEETS: JAN 13-MAY 8			
WORKSHOP	ECON 693	3 CREDITS	
Satisfactory-Fail Only.			
8649005	1 ARRANGED	KREIDER B	
MEETS: JAN 13-MAY 8			
RSRCH WKSHP:WRITING	ECON 694B	3 CREDITS	
Prereq: ECON 603, ECON 604, ECON 672			
Satisfactory-Fail Only.			
8586005	1 W 3:10-6:00PM	ROSENBLUM J	
MEETS: JAN 13-MAY 8			

ECONOMICS		(CONTINUED)	
RESEARCH	ECON 699	VAR. CREDITS	
Satisfactory-Fail Only.			
***** SEE DEPT FOR REFERENCE NUMBERS			
EDUCATION			
PK-6 CLSRM TECNOLGI	EDUC 201	3 CREDITS	
3015005	1 TR 11:00-11:50		
M 10:00-11:50			
MEETS: JAN 13-MAY 8			
Note: SEC 1 RESTRICTED TO EL ED MAJORS ONLY			
MATERIALS AND EQUIPMENT USE FEE: \$25.00			
3015010	2 TR 11:00-11:50		
W 10:00-11:50			
MEETS: JAN 13-MAY 8			
Note: SEC 2 RESTRICTED TO EL ED & ECE MAJORS ONLY			
MATERIALS AND EQUIPMENT USE FEE: \$25.00			
3015015	3 TR 11:00-11:50		
W 12:10-2:00			
MEETS: JAN 13-MAY 8			
Note: SEC 3 RESTRICTED TO EL ED MAJORS ONLY			
MATERIALS AND EQUIPMENT USE FEE: \$25.00			
3015020	4 TR 11:00-11:50		
R 12:10-2:00			
MEETS: JAN 13-MAY 8			
Note: SEC 4 RESTRICTED TO EL ED MAJORS ONLY			
MATERIALS AND EQUIPMENT USE FEE: \$25.00			
3015025	5 TR 11:00-11:50		
M 12:10-2:00			
MEETS: JAN 13-MAY 8			
Note: SEC 5 RESTRICTED TO EL ED MAJORS ONLY			
MATERIALS AND EQUIPMENT USE FEE: \$25.00			
3015030	6 TR 11:00-11:50		
T 9:00-10:50			
MEETS: JAN 13-MAY 8			
Note: SEC 6 RESTRICTED TO EL ED MAJORS ONLY			
MATERIALS AND EQUIPMENT USE FEE: \$25.00			
3015035	7 TR 11:00-11:50		
R 9:00-10:50			
MEETS: JAN 13-MAY 8			
Note: SEC 7 RESTRICTED TO EL ED & ECE MAJORS ONLY			
MATERIALS AND EQUIPMENT USE FEE: \$25.00			
Materials and equipment use fee \$25.00			
7-12 CLASSRM TECNOL	EDUC 202	3 CREDITS	
Note: FOR SECONDARY EDUCATION MAJORS ONLY			
2464005	1 TR 2:10-3:00		
F 12:10-5:00			
MEETS: JAN 13-MAY 8			
Note: SEC 1 RESTRICTED TO A TR, DANCE, D EXA, D EXH, KIN H, P ATR, PDEXA, PDEX H MAJORS ONLY			
Instructor permission required.			
TECH LRN,CRT,COLLAB	EDUC 203X	1 CREDIT	
Satisfactory-Fail Only.			
0291005	1 W 8:00-8:50		
F 10:00-11:50			
MEETS: JAN 13-MAY 8			
0291010	2 W 8:00-8:50		
F 12:10-2:00			
MEETS: JAN 13-MAY 8			
SOC FOUND SECDRY ED	EDUC 204	3 CREDITS	
6278005	1 TR 9:30-10:45		
MEETS: JAN 13-MAY 8			
6278010	2 TR 2:10-3:25		
MEETS: JAN 13-MAY 8			
6278015	3 MW 2:10-3:25		
MEETS: JAN 13-MAY 8			
6278020	4 TR 12:40-1:55		
MEETS: JAN 13-MAY 8			
6278025	5 TR 11:00-12:15		
MEETS: JAN 13-MAY 8			
SOCL FOUND EDU:ELEM	EDUC 205	3 CREDITS	
6178005	1 TR 11:00-12:15		
MEETS: JAN 13-MAY 8			
6178010	2 TR 2:10-3:25		
MEETS: JAN 13-MAY 8			
6178015	3 MW 2:10-3:25		
MEETS: JAN 13-MAY 8			
6178020	4 TR 12:40-1:55		
MEETS: JAN 13-MAY 8			
6178025	5 MW 11:00-12:15		
MEETS: JAN 13-MAY 8			
6178030	6 MW 12:40-1:55		
MEETS: JAN 13-MAY 8			

EDUCATION (CONTINUED)

EDUCATION (CONTINUED)

ORIEN TCHR ED SCI,M EDUC 219 1 CREDIT
 Prereq: STUDENTS SEEKING TEACHER LICENSURE IN MATH, SCIENCE, FAMILY AND CONSUMER SCIENCES, OR HISTORY/SOC STUDIES IN GRADES 5-12
 Satisfactory-Fail Only.
 1863005 1 W 12:10-1:00
 MEETS: JAN 13-MAY 8

LNSCAPE OF TEACHNG EDUC 245 3 CREDITS
 Prereq: EDUC 205; SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY
 3238005 1 MW 10:00-11:20
 MEETS: JAN 13-MAY 8
 3238010 2 MW 12:10-1:30
 MEETS: JAN 13-MAY 8
 3238015 3 MW 2:10-3:30
 MEETS: JAN 13-MAY 8
 3238020 4 TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 Note: SEC 4 FOR SP ED ONLY
 3238025 5 TR 12:10-1:30
 MEETS: JAN 13-MAY 8
 3238030 6 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 3238035 7 MW 8:00-9:15
 MEETS: JAN 13-MAY 8

PRE-TRAVEL ORIENTN EDUC 275X 1 CREDIT
 Prereq: INSTRUCTOR PERMISSION REQUIRED; PARTICIPANTS REQUIRED TO BE ACCEPTED TO INTERNATIONAL TRAVEL STUDY PROGRAM
 0516005 1 R 2:10-4:00
 MEETS: MARCH 9-MAY 8

EXPERNE I:CORE EXP EDUC 280A 1- 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Note: STUDENTS MUST HAVE TWO HALF DAYS PER WEEK AVAILABLE FOR FIELD EXPERIENCE.
 Satisfactory-Fail Only.
 6279005 1 W 1:10-2:00, ARRANGED
 MEETS: JAN 13-MAY 8
 6279010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

EXP I:EDUC TECNOLGS EDUC 280B 1 CREDIT
 Prereq: EDUC 201 OR EDUC 202
 Satisfactory-Fail Only.
 6280005 1 ARRANGED
 MEETS: JAN 13-MAY 8

EXP I:MLD/MOD DISAB EDUC 280I 1- 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM; CONCURRENT ENROLLMENT IN SP ED 330 AND SP ED 334
 Note: COURSE OFFERED FOR 1 CREDIT STUDENTS MUST HAVE ONE HALF DAY PER WEEK AVAILABLE FOR FIELD EXPERIENCE. Department permission required 1st week.
 Satisfactory-Fail Only.
 2344005 1 W 12:10-1:00
 MEETS: JAN 13-MAY 8

EXPNC I:MATH CLINIC EDUC 280J 1 CREDIT
 Satisfactory-Fail Only.
 2289005 1 TR 3:10-5:00
 MEETS: JAN 13-MAY 8

PRE-TCH EXP I:MUSIC EDUC 280K .5 CREDIT
 Satisfactory-Fail Only.
 5673005 1 ARRANGED
 MEETS: JAN 13-MAY 8

EXPRNC I:SECNDRY ED EDUC 280L .5 CREDIT
 Note: MUST RESERVE ONE MORNING OR ONE AFTERNOON PER WEEK FOR SITE VISITS.
 Satisfactory-Fail Only.
 2843005 1 M 12:10-1:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 MUST RESERVE 1 MORNING OR AFTERNOON PER WEEK FOR SITE VISITS

EXPER I:LRNG CMUNTY EDUC 280N 1 CREDIT
 Note: STUDENTS MUST HAVE HALF A DAY AVAILABLE FOR FIELD
 Satisfactory-Fail Only.
 7710005 1 W 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 8
 7710010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

EXPERIENC I: ART ED EDUC 280O 1 CREDIT
 Note: STUDENTS MUST HAVE A HALF DAY AVAILABLE FOR FIELD EXPERIENCE. RESTRICTED TO STUDENTS OF THE EDUCATOR PREP PROGRAM
 Satisfactory-Fail Only.
 1904005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PRE-TCH EXPRC I:ESL EDUC 280S 1 CREDIT
 Prereq: ADMISSION TO THE EDUCATOR PREP PROGRAM
 Note: STUDENTS MUST HAVE ALL FOUR FRIDAYS AVAILABLE FOR FIELD EXPERIENCE. 3/27,4/3,4/17,4/24 RESTRICTED TO STUDENTS OF THE EDUCATOR PREP PROGRAM
 Satisfactory-Fail Only.
 7941005 1 ARRANGED
 MEETS: JAN 13-MAY 8

EXPERNC I:TUTORING EDUC 280T 1 CREDIT
 Satisfactory-Fail Only.
 9375005 1 TR 3:10-4:50
 MEETS: JAN 13-MAY 8

PRIN&PRC DIGTL LRNG EDUC 302 3 CREDITS
 Prereq: EDUC 201 OR EDUC 202
 6289005 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

INTRO EDUC TECHNLYG EDUC 303X 1 CREDIT
 Prereq: EDUC 203, ADMISSION TO TEACHER EDUCATION
 Satisfactory-Fail Only.
 0273005 1 W 8:00-8:50
 F 2:10-4:00
 MEETS: JAN 13-MAY 8

TRANSFR ORIENTATION EDUC 315 1 CREDIT
 Satisfactory-Fail Only.
 3250005 1 TR 8:00-8:50
 MEETS: JAN 13-MAY 8

ED PSYCH EC&ELEM ED EDUC 332 3 CREDITS
 Prereq: PSYCH 230 OR HD FS 102
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY.
 2635005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

EDUCATIONAL PSYCHOL EDUC 333 3 CREDITS
 Prereq: PSYCH 230 OR HD FS 102, APPLICATION TO THE TEACHER EDUC PROGRAM OR MAJOR IN PSYCHOLOGY
 Note: COURSE RESTRICTED TO PSYCH, SEC ED MAJORS
 6084005 1 MW 8:00-9:15
 MEETS: JAN 13-MAY 8
 6084010 2 MW 11:00-12:15
 MEETS: JAN 13-MAY 8

RDG&LANG ARTS K-3RD EDUC 377 4 CREDITS
 Prereq: ADMSSION TO TEACHER ED PROGRAM. EDUC 245, SP ED 250, HD FS 240 (ECE MAJ); CONCURRENT ENROLLMENT IN EDUC 405, EDUC 448, EDUC 468A, AND EDUC 468C (EL ED MAJ); OR EDUC 438, EDUC 468F, EDUC 468G, SP ED 368
 Note: FOR ECE MAJORS, THE CONCURRENT ENROLLMENT REQUIREMENTS ARE EDUC 468F, EDUC 468G, EDUC 438. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO EDUCATOR PREP PROGRAM. STUDENTS MUST ENROLL IN SAME SECTION NUMBER OF EDUC 405 & 448. NO MEETINGS MARCH 23-APRIL 15
 2066005 1 MW 8:00-10:30
 MEETS: JAN 13-MAY 8
 Note: SEC 1 REGISTER FOR EDUC 405 SEC 1 & EDUC 448 SEC 1
 2066010 2 MW 2:10-4:40
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO ECE MAJOR REGISTER FOR EDUC 405 SEC 2 & EDUC 448 SEC 2
 2066015 3 MW 11:00-1:30
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO EL ED MAJORS WITH UTEP ADMISSION.
 REGISTER FOR EDUC 405 SEC 3 & EDUC 448 SEC 3
 2066020 4 MW 11:00-1:30
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 405 SEC 4 & EDUC 448 SEC 4 RESTRICTED TO ECE MAJORS ONLY

RDG&LANG ARTS 4TH-6 EDUC 378 4 CREDITS
 Prereq: EDUC 377; CONCURRENT ENROLLMENT IN EDUC 449, EDUC 468B, EDUC 468D, AND EDUC 443
 Note: MUST ENROLL IN SAME SECTIONS OF 443 & 449. NO MEETINGS FEB 18-MARCH 12
 2078005 1 TR 8:00-10:30
 MEETS: JAN 13-MAY 8
 Note: SEC REGISTER FOR EDUC 443 SEC 1 & EDUC 449 SEC 1
 2078010 2 TR 11:00-1:30
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 443 SEC 2 & EDUC 449 SEC 2
 2078015 3 TR 2:10-4:40
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 443 SEC 3 & EDUC 449 SEC 3
 2078020 4 TR 8:00-10:30
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 443 SEC 4 & EDUC 449 SEC 4
 2078025 5 TR 11:00-1:30
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 443 SEC 5 & EDUC 449 SEC 5
 2078030 6 TR 2:10-4:40
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 443 SEC 6 & EDUC 449 SEC 6

EDUCATION (CONTINUED)

TCHG DISCPN LITERCY EDUC 395 3 CREDITS
 Prereq: EDUC 204 AND JUNIOR CLASSIFICATION
 9656005 1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

SOC JUSTC ED:ECE&EL EDUC 405 3 CREDITS
 Prereq: EDUC 201, EDUC 332, JUNIOR CLASSIFICATION
 ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: FOR EL ED MAJORS, THE CONCURRENT ENROLLMENT
 REQUIREMENTS ARE EDUC 377, EDUC 448, EDUC 468A AND
 EDUC 496C. ENROLL IN SAME SECTION OF EDUC 377 AND 448
 NO MEETINGS MARCH 23-APRIL 15
 Meets U.S. diversity reqmt
 8300005 1 MW 11:00-12:50
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 377 SEC 1 & EDUC 448 SEC 1
 8300010 2 MW 9:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR STUDENTS NOT ENROLLED IN OTHER
 BLOCK 1 CLASSES
 8300015 3 MW 9:00-10:50
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 377 SEC 3 & EDUC 448 SEC 3
 8300020 4 MW 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 377 SEC 4 & EDUC 448 SEC 4

SOCIAL JUSTC ED:SEC EDUC 406 3 CREDITS
 Prereq: EDUC 201 OR EDUC 202, EDUC 332 OR EDUC
 333, JUNIOR CLASSIFICATION, ADMISSION TO TEACHER
 PREPARATION PROGRAM. RESTRICTED TO THOSE ENROLLED IN
 SECONDARY AND K-12 EDUCATION PROGRAMS
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY EDUCATOR PREP PROGRAM
 Meets U.S. diversity reqmt
 6292005 1 MW 3:40-4:55
 MEETS: JAN 13-MAY 8
 6292010 2 TR 3:40-4:55
 MEETS: JAN 13-MAY 8
 6292015 3 R 5:10-8:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 3 FO INDIVIDUALS NOT ENROLLED IN
 OTHER BLOCK I CLASSES

SUPV STDT TCHG: K-3 EDUC 416A VAR. CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
 449; RESERVATION REQUIRED
 Note: Department permission required 1st week.
 5054005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 5054015 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 5054010 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 5054020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

SUPV TCHG:GRADES4-6 EDUC 416B VAR. CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
 449; RESERVATION REQUIRED
 Note: Department permission required 1st week.
 5056005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 5056015 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 5056010 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 5056020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

SUPV TCHG:WRLD LANG EDUC 416C VAR. CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
 449; RESERVATION REQUIRED
 5057005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5057010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 5057020 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 5057025 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.

EDUCATION (CONTINUED)

SUPV TCHG:INT'L K-3 EDUC 416D VAR. CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
 449; RESERVATION REQUIRED
 5053005 1 ARRANGED
 MEETS: MARCH 9-MAY 8
 5053800 EC ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC EC TAUGHT IN CUENCA, ECUADOR. STUDENT
 TEACHING ABROAD SPRING 2020 OFFERED FOR 8 CREDITS.
 5053805 NO ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY.
 STUDENT TEACHING ABROAD SPRING 2020.
 5053820 TW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC TW TAUGHT IN KAOSHUNG, TAIWAN. STUDENT
 TEACHING ABROAD SPRING 2020 OFFERED FOR 8 CREDITS.

SUPV TCHG:INT'L 4-6 EDUC 416E VAR. CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
 449; RESERVATION REQUIRED
 6824005 1 ARRANGED
 MEETS: MARCH 9-MAY 8
 6824800 EC ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC EC TAUGHT IN CUENCA, ECUADOR. STUDENT
 TEACHING ABROAD SPRING 2020 OFFERED FOR 8 CREDITS.
 6824805 NO ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY.
 STUDENT TEACHING ABROAD SPRING 2020.
 6824810 NZ ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECT NZ TAUGHT IN ALEXANDRA, NEW ZEALAND. STUDENT
 TEACHING ABROAD SPRING 2020.
 6824815 PO ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECT PO TAUGHT IN KROSNO, POLAND. STUDENT
 TEACHING ABROAD SPRING 2020.
 6824820 TW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC TW TAUGHT IN KAOSHUNG, TAIWAN. STUDENT
 TEACHING ABROAD SPRING 2020 OFFERED FOR 8 CREDITS.

SUPV TCHG: ESL ELEM EDUC 416Z VAR. CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
 449; RESERVATION REQUIRED
 9510005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9510010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 9510015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9510020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STDT TCH SOC ST MID EDUC 417A VAR. CREDITS
 Prereq: MINIMUM GPA OF 2.5; ADMISSION TO TEACHER
 EDUCATION; APPROVAL OF COORDINATOR DURING SEMESTER
 BEFORE STUDENT TEACHING
 8046005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 8046010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 8046020 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 8046025 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TCH PHYS SCI EDUC 417B VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9044005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9044010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 9044015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9044020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

EDUCATION (CONTINUED)

STUDNT TEACHNG MATH EDUC 417C VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9045005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9045010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 9045015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9045020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TCH BIOL SCI EDUC 417D VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9046005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9046010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 9046015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9046020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TCH ENGL&LIT EDUC 417E VAR. CREDITS
 Prereq: ENGL 494, ADMISSION TO TEACHER EDUCATION,
 APPROVAL OF COORDINATOR SEMESTER PRIOR TO STUDENT
 TEACHING
 9047005 1 ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1 OFFERED FOR 8 CREDITS
 9047010 2 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2 OFFERED FOR 8 CREDITS
 9047015 3 ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 3 OFFERED FOR 8 CREDITS
 9047020 4 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 4 OFFERED FOR 8 CREDITS
 9047025 5 ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 5 OFFERED FOR 8 CREDITS
 9047030 6 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 6 OFFERED FOR 8 CREDITS
 9047035 7 ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 7 OFFERED FOR 8 CREDITS
 9047040 8 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 8 OFFERED FOR 8 CREDITS
 9047045 9 ARRANGED
 MEETS: JAN 13-MARCH 6
 9047050 10 ARRANGED
 MEETS: MARCH 9-MAY 8

STDT TCH WORLD LANG EDUC 417G VAR. CREDITS
 Prereq: MINIMUM GPA OF 2.5; ADMISSION TO TEACHER
 EDUCATION; APPROVAL OF COORDINATOR DURING SEMESTER
 BEFORE STUDENT TEACHING
 9049005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9049010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 9049015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9049020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STDNNT TCH EARTH SCI EDUC 417J VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9051005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9051010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 9051015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9051020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

EDUCATION (CONTINUED)

STDNNT TCH BASIC SCI EDUC 417M VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9054005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9054010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 9054015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9054020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDENT TCHNG INT'L EDUC 417N VAR. CREDITS
 Prereq: MINIMUM GPA OF 2.5; ADMISSION TO TEACHER
 EDUCATION; APPROVAL OF COORDINATOR DURING SEMESTER
 BEFORE STUDENT TEACHING
 Note: COURSE OFFERED FOR 8 CREDITS.
 7301805 NO ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY.
 STUDENT TEACHING ABROAD SPRING 2020.
 7301810 NZ ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECT NZ TAUGHT IN ALEXANDRA, NEW ZEALAND. STUDENT
 TEACHING ABROAD SPRING 2020.
 7301815 PO ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECT PO TAUGHT IN KROSNO, POLAND. STUDENT
 TEACHING ABROAD SPRING 2020.
 7301820 TW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC TW TAUGHT IN KAOSHUNG, TAIWAN. STUDENT
 TEACHING ABROAD SPRING 2020 OFFERED FOR 8 CREDITS.

STDT TCH SOC STU HS EDUC 417P VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 8612005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 8612010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 8612015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 8612020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TCH ELEM MUS EDUC 417R VAR. CREDITS
 Prereq: MINIMUM GPA OF 2.5; ADMISSION TO TEACHER
 EDUCATION; APPROVAL OF COORDINATOR DURING SEMESTER
 BEFORE STUDENT TEACHING
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2020
 6702005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 6702010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 6702015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 6702020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TCHG SEC MUS EDUC 417S VAR. CREDITS
 Prereq: MINIMUM GPA OF 2.5; ADMISSION TO TEACHER
 EDUCATION; APPROVAL OF COORDINATOR DURING SEMESTER
 BEFORE STUDENT TEACHING
 6682005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 6682010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 6682015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 6682020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STDNNT TCH ESL SECYD EDUC 417Z VAR. CREDITS
 Prereq: MINIMUM GPA OF 2.5; ADMISSION TO TEACHER
 EDUCATION; APPROVAL OF COORDINATOR DURING SEMESTER
 BEFORE STUDENT TEACHING
 9512005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9512010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 9512015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 9512020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

EDUCATION (CONTINUED)

SECNDY SCI METHD II EDUC 419 3 CREDITS
 Prereq: EDUC 418 OR EDUC 518; UNDERGRADUATE
 STUDENTS MUST REGISTER CONCURRENTLY FOR EDUC 468K
 9019005 1 M 5:10-8:00PM
 MEETS: JAN 13-MAY 8

PRIN SECONDARY EDUC EDUC 426 3 CREDITS
 Prereq: SENIOR CLASSIFICATION, ADMISSION TO
 TEACHER EDUCATION PROGRAM
 6293005 1 W 5:30-8:20PM
 MEETS: JAN 13-MAY 8
 6293010 2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

SOC STDI PRIM GRADE EDUC 433 2 CREDITS
 Prereq: EDUC 377, HD FS 224; CONCURRENT
 ENROLLMENT IN EDUC 439, SP ED 355, SP ED 455, AND
 EDUC 468I
 Note: NO MEETINGS FEB 17 TO MARCH 11
 4487005 1 W 8:00-10:30
 MEETS: JAN 13-MAY 8

MATH IN PRIMRY GRDS EDUC 438 2 CREDITS
 Prereq: C- OR BETTER IN MATH 195 AND MATH 196.
 CONCURRENT ENROLLMENT IN EDUC 377, EDUC 468F, EDUC
 468G, AND SP ED 368
 Note: NO MEETINGS MARCH 23-APRIL 15
 ECE STUDENTS ENROLL IN SEC 4 OF 377
 4489005 1 M 8:00-10:30
 MEETS: JAN 13-MAY 8

SCI IN PRIMARY GRDS EDUC 439 2 CREDITS
 Prereq: EDUC 377, HD FS 224; CONCURRENT
 ENROLLMENT IN EDUC 433, EDUC 468I, SP ED 355, SP ED
 455
 Note: NO MEETING FEB 17-MARCH 11
 4491005 1 M 1:40-4:20
 MEETS: JAN 13-MAY 8

TCHG OF SOC STUDIES EDUC 443 3 CREDITS
 Prereq: EDUC 377, CONCURRENT ENROLLMENT IN
 EDUC 378, EDUC 449, EDUC 468B, AND EDUC 468D (EL ED
 MAJORS)
 Note: MUST ENROLL N SAME SECTIONS OF 378 & 449.
 NO MEETINGS FEB 18-MARCH 12
 RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 EDUCATOR PREP PROGRAM
 3258005 1 TR 1:10-3:00
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 378 SEC 1 & EDUC 449 SEC 1
 3258010 2 TR 9:00-10:50
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 378 SEC 2 & EDUC 449 SEC 2
 3258015 3 TR 11:00-12:50
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 378 SEC 3 & EDUC 449 SEC 3
 3258020 4 TR 1:10-3:00
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 378 SEC 4 & EDUC 449 SEC 4
 3258025 5 TR 9:00-10:50
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 378 SEC 5 & EDUC 449 SEC 5
 3258030 6 TR 11:00-12:50
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 378 SEC 6 & EDUC 449 SEC 6

TCHNG CHILDREN MATH EDUC 448 3 CREDITS
 Prereq: C- OR BETTER IN MATH 195 AND MATH 196.
 CONCURRENT ENROLLMENT IN EDUC 377, EDUC 468A, EDUC
 468A, EDUC 468C, EDUC 405 (EL ED MAJORS) OR EDUC 377,
 EDUC 468F, EDUC 468G (ECE MAJORS)
 Note: NO MEETINGS MARCH 23-APRIL 15
 RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE
 EDUCATOR PREP PROGRAM
 3260005 1 MW 1:10-3:00
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 377 SEC 1 & EDUC 405 SEC 1
 3260010 2 MW 11:00-12:50
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 377 SEC 2 & EDUC 405 SEC 2
 3260015 3 MW 9:00-10:50
 MEETS: JAN 13-MAY 8
 Note: REGISTER FOR EDUC 377 SEC 3 & EDUC 405 SEC 3

TEACHING OF SCIENCE EDUC 449 3 CREDITS
 Prereq: EDUC 377, CONCURRENT ENROLLMENT IN
 EDUC 378, EDUC 468B, EDUC 468D, EDUC 443.
 Note: COURSE RESTRICTED TO EL ED MAJORS ONLY.
 NO MEETINGS FEB 18-MARCH 12
 3261005 1 TR 11:00-12:50
 MEETS: JAN 13-MAY 8
 Note: ALSO REGISTER FOR EDUC 378/443 SEC 1
 3261010 2 TR 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: ALSO REGISTER FOR EDUC 378/443 SEC 2
 3261015 3 TR 9:00-10:50
 MEETS: JAN 13-MAY 8
 Note: ALSO REGISTER FOR EDUC 378/443 SEC 3
 3261020 4 TR 11:00-12:50
 MEETS: JAN 13-MAY 8
 Note: ALSO REGISTER FOR EDUC 378/443 SEC 4
 3261025 5 TR 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: ALSO REGISTER FOR EDUC 378/443 SEC 5
 3261030 6 TR 9:00-10:50
 MEETS: JAN 13-MAY 8

EDUCATION (CONTINUED)

TEACHING OF SCIENCE EDUC 449 3 CREDITS
 Note: ALSO REGISTER FOR EDUC 378/443 SEC 6

LITERCY&LRNG ASESMT EDUC 452 3 CREDITS
 Prereq: EDUC 378 OR EQUIVALENT
 Note: CONCURRENT ENROLLMENT IN SAME SECTION OF 488
 6584005 1 TR 5:10-8:30PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 DUFFELMEYER READING CLINIC
 FEB 10-APRIL 16
 6584010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 2 AMES SCHOOLS READING CLINIC

EMERG TOPC DGTL TEC EDUC 454 1- 3 CREDITS
 Prereq: EDUC 201 OR EDUC 202
 9436005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1: MARKERSPACE IN EDUCATION
 MEETS JAN 20-FEB 14 & ARRANGED. MONDAY 5:30-7:30PM.
 MUST ATTEND JAN 27, FEB 3 & FEB 10.
 9436010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2: DESIGN THINKING & ENTREPRENEURSHIP IN
 LEARNING TECNOLOGIES. MEETS FEB 17-MARCH 13
 9436015 3 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 3: EFFECTIVE SOCIAL MEDIA USE FOR EDUCATORS
 MEETS MARCH 23-APRIL 17 ARRANGED

LITRCY INTGRAT TECH EDUC 456 3 CREDITS
 Prereq: EDUC 201 OR EDUC 202; EDUC 377
 Note: Department permission required 1st week.
 3257005 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

CRIT APRCH CH LIT EDUC 459 3 CREDITS
 Prereq: ADMISSION TO TEACHER EDUCATION PROGRAM;
 EDUC 377; CREDIT OR CONCURRENT ENROLLMENT IN EDUC 378
 0029005 1 M 5:10-8:00PM
 MEETS: JAN 13-MAY 8
 0029010 2 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

EXP II:PRI RDG&LANG EDUC 468A 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: TAKE CONCURRENTLY WITH EDUC 377, 448 & 468C.
 RESTRICTED TO EL ED MAJORS ONLY.
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 IN SCHOOL MEETING DATES M/W MARCH 23-APRIL 15
 Satisfactory-Fail Only.
 3265005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 9-MAY 8

EXP II:RDG&LANG 4-6 EDUC 468B 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: TAKE CONCURRENTLY WITH EDUC 378, 449, 468D.
 RESTRICTED TO EL ED MAJORS ONLY.
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 IN SCHOOL MEETING DATES T/R MARCH 18-APRIL 12
 Satisfactory-Fail Only.
 3266005 1 TR 7:30-4:30, ARRANGED
 MEETS: JAN 13-MARCH 6

EXP II:MATH PRIMARY EDUC 468C 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2020.
 TAKE CONCURRENTLY WITH 377,448, 468A. RESTRICTED TO
 EL ED MAJORS ONLY.
 IN SCHOOL MEETING DATES M/W MARCH 23-APRIL 15
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Satisfactory-Fail Only.
 3267005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Department permission required 1st week.

EXPRNCE II: SCI 4-6 EDUC 468D 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2020.
 TAKE CONCURRENTLY WITH 378,449,468B. REQUIRED
 RESTRICTED TO EL ED MAJORS. IN SCHOOL MEETING DATES
 T/R FEB 18-MARCH 12. MANDATORY MEETING WITH
 ANN PIERCE WEEK 2 OF CLASS
 Department permission required 1st week.
 Satisfactory-Fail Only.
 3268005 1 TR 7:30-4:30, ARRANGED
 MEETS: JAN 13-MARCH 6

EXP II:LITRCY PRMRY EDUC 468F 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: TAKE CONCURRENTLY WITH 377,438,468G,405 & SP ED
 368. RESTRICTED TO EL ED MAJORS. MANDATORY MEETING
 WITH ANN PIERCE WEEK 2 OF CLASS. MEETING DATES M/W
 MARCH 23-APRIL 15
 Satisfactory-Fail Only.
 4518005 1 MW 7:30-4:30, ARRANGED
 MEETS: JAN 13-MAY 8

EDUCATION (CONTINUED)

EXP II:MATH PRIMARY EDUC 468G 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: TAKE CONCURRENTLY WITH EDUC 377, 438, 468F,
 & 405 SP ED 368. MEETING M/W MARCH 23-APRIL 15
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Satisfactory-Fail Only.
 4524005 1 MW 7:30-4:30, ARRANGED
 MEETS: JAN 13-MAY 8

EXPER II:SCI PRIMRY EDUC 468I 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: TAKE CONCURRENTLY WITH EDUC 433,439 & 458
 SP ED 355,455. MEETING M/W MARCH FEB 17-MARCH 11.
 MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 Satisfactory-Fail Only.
 4528005 1 MW 12:10-4:30
 ARRANGED
 MEETS: JAN 13-MAY 8

EXPER II:SEC SCI II EDUC 468K 2 CREDITS
 Prereq: 245, 250, 268; ADMISSION TO TEACHER EDUC
 Note: CONCURRENT ENROLLMENT IN EDUC 419 REQUIRED.
 STUDENTS MUST HAVE 2 HALF DAYS AVAILABLE FOR
 FIELD EXPERIENCE
 Satisfactory-Fail Only.
 8223005 1 ARRANGED
 MEETS: JAN 13-MAY 8

EXP II:READ ENDORSE EDUC 468R 1 CREDIT
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
 EDUCATION PROGRAM; PERMISSION OF SCHOOL OF EDUCATION
 REQUIRED; CONCURRENT ENROLLMENT IN EDUC 378
 Note: MANDATORY MEETING WITH ANN PIERCE WEEK 2 OF CLASS
 MEETING T/R FEB 18-MARCH 12
 Department permission required 1st week.
 Satisfactory-Fail Only.
 4300005 1 TR 7:30-12:30
 MEETS: JAN 13-MAY 8

EXP II: ELEMENTARY EDUC 468T 2 CREDITS
 Prereq: ADMISSION TO TEACHER EDUCATION PROGRAM,
 SUCCESSFUL COMPLETION OF A LEVEL 2 OR LEVEL 3 FIELD
 EXPERIENCE REQUIRED.
 Satisfactory-Fail Only.
 0330005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 ALDINE ISD HOUSTON, TEXAS
 0330010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 CANYONS SD SANDY, UTAH
 0330015 3 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 3 OUTSIDE OF CENTRAL IOWA

EXPERC III:HIST/SOC EDUC 480A 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2020.
 STUDENTS MUST HAVE 2 HALF DAYS FOR FIELD
 EXPERIENCE.
 6581005 1 ARRANGED
 MEETS: JAN 13-MAY 8

EXPERNC III:ENGLISH EDUC 480E 1- 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: STUDENTS MUST HAVE 2 HALF DAYS FOR FIELD
 EXPERIENCE.
 5062005 1 ARRANGED
 MEETS: JAN 13-MAY 8

EXPERNCE III: MUSIC EDUC 480K 1 CREDIT
 Prereq: FULL ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: STUDENTS MUST HAVE 2 HALF DAYS FOR FIELD
 EXPERIENCE.
 Satisfactory-Fail Only.
 9064005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: STUDENTS MUST HAVE 2 HALF DAYS FOR FIELD
 EXPERIENCE.

EXPERIENCE III: ESL EDUC 480S 2 CREDITS
 Prereq: EDUC 280S, ENGL 219/LING 219, ENGL 220/
 LING 220, ENGL 511/LING 511, ADMISSION TO UNIVERSITY
 TEACHER EDUCATION PROGRAM
 Note: STUDENTS MUST HAVE 2 HALF DAYS FOR FIELD
 EXPERIENCE.
 Satisfactory-Fail Only.
 7955005 1 ARRANGED
 MEETS: JAN 13-MAY 8

EXP III: SECONDARY EDUC 480T 2 CREDITS
 Prereq: ADMISSION TO TEACHER EDUCATION PROGRAM,
 SUCCESSFUL COMPLETION OF A LEVEL 2 OR LEVEL 3 FIELD
 EXPERIENCE.
 Note: STUDENTS MUST HAVE 2 HALF DAYS FOR FIELD
 EXPERIENCE.
 Satisfactory-Fail Only.
 0331005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 ALDINE ISD HOUSTON, TEXAS
 0331010 2 ARRANGED
 MEETS: JAN 13-MAY 8

EDUCATION (CONTINUED)

EXP III: SECONDARY EDUC 480T 2 CREDITS
 Note: SEC 2 CANYONS SD SANDY, UTAH
 0331015 3 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 3 OUTSIDE OF CENTAL IOWA

SUPVS TUTOR READING EDUC 488 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN OR COMPLETION
 OF ONE COURSE IN CORRECTIVE READING; DIAGNOSIS AND
 CORRECTION OF READING PROBLEMS
 Note: CONCURRENT ENROLLMENT IN SAME SEC OF 452
 9461005 1 TR 5:10-8:30PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 DUFFELMEYER READING CLINIC
 9461010 2 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC 2 READING CLINIC IN AMES SCHOOLS

INDEP STDY MUSIC ED EDUC 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 EDUC 490C 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU PRIN EDUC EDUC 490D 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY METHD TCHG EDUC 490E 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EDUC PSYCH EDUC 490F 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU DIGITL LRNG EDUC 490G 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS EDUC 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 SOC&CULTURL EDUC 490J 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU HIST/SOC SC EDUC 490K 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU LITERACY ED EDUC 490L 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU MATH EDUC EDUC 490M 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY FOUND EDUC EDUC 490O 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY SCI EDUC EDUC 490P 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACH LIT SECONDARY EDUC 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 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

MTHDS TCHG HIST/SOC EDUC 498 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN 480A; ADMISSION
 TO TEACHER EDUC; 30 CREDITS IN SUBJECT-MATTER FIELD
 8504005 1 F 1:10-4:00 RUTENBERG A
 MEETS: JAN 13-MAY 8

MATH PROB SOLV K-12 EDUC 513 3 CREDITS
 Prereq: 6 CREDITS OF MATH; CREDIT OR ENROLLMENT
 IN EDUC 448 OR EDUC 497 OR EDUC 597
 6988005 1 M 5:10-8:00PM
 MEETS: JAN 13-MAY 8

STDT TCH SOC ST MID EDUC 517A VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 5919005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 5919010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

EDUCATION (CONTINUED)

STDT TCH SOC ST MID EDUC 517A VAR. CREDITS
 5919020 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 5919025 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TCH PHYS SCI EDUC 517B VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; 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 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 2460010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 2460015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 2460020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TEACHNG MATH EDUC 517C VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 2466005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 2466010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 2466015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 2466020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TCH BIOL SCI EDUC 517D VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; 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 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 2475010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 2475015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 2475020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STDT TCH WORLD LANG EDUC 517G VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 5920005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 5920010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 5920015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 5920020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STDT TCH: EARTH SCI EDUC 517J VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; 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 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 2476010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 2476015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 2476020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STDNT TCH: BASIC SCI EDUC 517M VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; 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 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 2480010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

EDUCATION (CONTINUED)

STDNT TCH: BASIC SCI EDUC 517M VAR. CREDITS
 2480015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 2480020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDENT TCHNG INT'L EDUC 517N VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 5998805 NO ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY.
 STUDENT TEACHING ABROAD SPRING 2020.
 5998810 NZ ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECT NZ TAUGHT IN ALEXANDRA, NEW ZEALAND. STUDENT
 TEACHING ABROAD SPRING 2020.
 5998815 PO ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECT PO TAUGHT IN KROSNO, POLAND. STUDENT
 TEACHING ABROAD SPRING 2020.
 5998820 TW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECT TW TAUGHT IN KAOSHUNG, TAIWAN. STUDENT
 TEACHING ABROAD SPRING 2020 OFFERED FOR 8 CREDITS

STDT TCH SOC STU HS EDUC 517P VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 6022005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 6022010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 6022015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 6022020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TCH: ELEM MUS EDUC 517R VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 6030005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 6030010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 6030015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 6030020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TCHG SEC MUS EDUC 517S VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 6114005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 6114010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 6114015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 6114020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

SECNDY SCI METHD II EDUC 519 3 CREDITS
 Prereq: EDUC 418 OR EDUC 518; UNDERGRADUATE
 STUDENTS MUST REGISTER CONCURRENTLY FOR EDUC 468K
 2575005 1 M 5:10-8:00PM
 MEETS: JAN 13-MAY 8

PRIN SECONDARY EDUC EDUC 526 3 CREDITS
 Prereq: SENIOR CLASSIFICATION, ADMISSION TO
 TEACHER EDUCATION PROGRAM
 Note: MUST TAKE CONCURRENTLY WITH CI 415
 7724005 1 W 5:30-8:20PM
 MEETS: JAN 13-MAY 8
 7724010 2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

ADV PEDAG SCIENC ED EDUC 546 3 CREDITS
 Prereq: BACHELOR'S DEGREE
 3527005 1 F 9:00-11:50
 MEETS: JAN 13-MAY 8

EDUCATION (CONTINUED)

EDUCATION (CONTINUED)

CORRECTIVE READING EDUC 552 3 CREDITS
 Prereq: EDUC 378 OR EQUIVALENT
 Note: MEETING FEB 12-APRIL 18
 3276005 1 TR 5:10-8:30PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 DUFFELMEYER READING CLINIC
 FEB 10-APRIL 16
 MUST TO BE ENROLLED IN SEC 1 OF C I 588
 3276010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 2 AMES SCHOOLS READING CLINIC
 MUST TO BE ENROLLED IN SEC 2 OF C I 588

TCH STRUGL ADOL RDR EDUC 553 3 CREDITS
 Prereq: TEACHING LICENSE OR SENIOR CLASSIFICATION
 7267005 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

TCHNOL IN READ&LANG EDUC 556 3 CREDITS
 Prereq: TEACHING LICENSE
 1285005 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

CRIT APPRCH CH LIT EDUC 559 3 CREDITS
 Prereq: ADMISSION TO TEACHER EDUCATION PROGRAM;
 EDUC 377; CREDIT OR CONCURRENT ENROLLMENT IN EDUC 378
 1672005 1 M 5:10-8:00PM
 MEETS: JAN 13-MAY 8
 1672010 2 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

CRTL DISPL LIT CONT EDUC 569X 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 0365005 1 R 5:10-8:00PM
 MEETS: JAN 13-MAY 8

EDUC BLACKS IN U.S. EDUC 578 3 CREDITS
 Prereq: GRADUATE OR SENIOR LEVEL STATUS OR PERMSN
 OF INSTRUCTOR
 7784005 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

SUPVS TUTOR READING EDUC 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: CONCURRENT ENROLLMENT IN SAME SEC OF EDUC 552
 RESTRICTED TO GRADS ONLY
 9245005 1 TR 5:10-8:30PM
 MEETS: JAN 13-MAY 8
 9245010 2 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC 2 READING CLINIC IN AMES SCHOOLS

SPCL TOP CURRICULUM EDUC 590A 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EDUC TECHNO EDUC 590B 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP SCIENCE EDUC EDUC 590C 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SEC EDUC EDUC 590D 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP SOC&CULTURAL EDUC 590F 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS MATH EDUC EDUC 590G 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS ELEM ED EDUC 590I 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WORLD LANGU EDUC 590J 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EDUC PSYCH EDUC 590K 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL STDI EDUC 590L 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LITERACY ED EDUC 590M 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXPERC:SECD MATH ED EDUC 591G 1- 4 CREDITS
 Prereq: 15 GRADUATE CREDITS IN SPECIALTY AREA;
 FULL ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2020
 RESRICTED TO GRAD STUDENTS ONLY
 2017005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 2017010 2 ARRANGED
 MEETS: JAN 13-MAY 8

EXPERC:COLLEGE TCHG EDUC 591N 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

TCHG DISCPN LITERCY EDUC 595 3 CREDITS
 Prereq: GRADUATE STATUS AND TEACHING LICENSE
 2932005 1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

CRTV COMP CURRICULM EDUC 599A 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR CMP EDUC TECHNOL EDUC 599B 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRT COMP SCIENCE ED EDUC 599C 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SECNDR ED EDUC 599D 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR CMP SOC&CULTURAL EDUC 599F 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP MATH EDUC EDUC 599G 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPON ELEM ED EDUC 599I 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR CMP WRLD LANG ED EDUC 599J 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP EDU PSYCH EDUC 599K 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP LITERC ED EDUC 599M 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP CURRIC EDUC 690A VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP EDUC TEC EDUC 690B VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SCI ED EDUC 690C VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SEC ED EDUC 690D VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SOC&CULTURL EDUC 690F VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MATH ED EDUC 690G VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TP WRL LANG EDUC 690J VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP ED PSYC EDUC 690K VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATION

(CONTINUED)

ELECTRICAL ENGINEERING

ADV SPL TOP SOC STU EDUC 690L VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LITERACY ED EDUC 690M VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CURRICULUM EDUC 699A VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH EDUC TECHNOL EDUC 699B VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SCIENCE EDUC EDUC 699C VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SECNDRY EDUC EDUC 699D VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOC&CULTURAL EDUC 699F VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MATH EDUC EDUC 699G VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ELEM EDUC EDUC 699I VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH EDUC PSYCHOL EDUC 699K VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOC STUDI ED EDUC 699L VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH LITERACY ED EDUC 699M VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION

SPECIAL TOPICS EDADM 590 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP SECOND PRIN EDADM 591B 1- 6 CREDITS
 Prereq: EDADM 541, ADMISS TO PROGRAM & INSTR'S
 APPROVAL
 ***** 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 1 M 5:10-8:00PM
 MEETS: JAN 13-MAY 8

EDUCATN POLICY&ANLY EL PS 630 3 CREDITS
 Prereq: ADVANCED GRADUATE STANDING
 9990005 1 T 5:30-8:20PM
 MEETS: JAN 13-MAY 8

PRO PROG ORIENTATN E E 166 R CREDIT
 Note: COURSE RESTRICTED TO E E AND CPR E MAJORS ONLY.
 2887005 1 T 2:10-3:00
 MEETS: JAN 13-MAY 8

2887010 2 T 3:10-4:00
 MEETS: JAN 13-MAY 8

2887015 3 R 2:10-3:00
 MEETS: JAN 13-MAY 8

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 1 TR 9:00-9:50
 W 4:10-6:00PM
 MEETS: JAN 13-MAY 8

3880010 2 TR 9:00-9:50
 F 12:10-2:00
 MEETS: JAN 13-MAY 8

INTR EE&PROB SLV II E E 186 1 CREDIT
 Prereq: E E 185, PERMISSION OF THE INSTRUCTOR
 6239005 1 R 10:00-11:50
 MEETS: JAN 13-MAY 8

6239010 2 R 12:10-2:00
 MEETS: JAN 13-MAY 8

6239015 3 R 2:10-4:00
 MEETS: JAN 13-MAY 8

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 1 MWF 10:00-10:50
 T 2:10-5:00
 MEETS: JAN 13-MAY 8

2120010 2 MWF 2:10-3:00
 W 11:00-1:50
 MEETS: JAN 13-MAY 8

Note: Materials fee \$60.00
 2120015 3 MWF 10:00-10:50
 W 2:10-5:00
 MEETS: JAN 13-MAY 8

Note: Materials fee \$60.00
 2120020 4 MWF 10:00-10:50
 R 8:00-10:50
 MEETS: JAN 13-MAY 8

2120025 5 MWF 2:10-3:00
 R 5:10-8:00PM
 MEETS: JAN 13-MAY 8

2120030 6 MWF 2:10-3:00
 F 9:00-11:50
 MEETS: JAN 13-MAY 8

SIGNALS & SYSTEMS I E E 224 4 CREDITS
 Prereq: E E 201, MATH 267, PHYS 222
 5064005 1 TR 4:10-5:30
 T 1:10-4:00
 MEETS: JAN 13-MAY 8

5064010 2 TR 4:10-5:30
 W 9:00-11:50
 MEETS: JAN 13-MAY 8

5064015 3 TR 4:10-5:30
 W 12:10-3:00
 MEETS: JAN 13-MAY 8

5064020 4 TR 4:10-5:30
 F 8:00-10:50
 MEETS: JAN 13-MAY 8

5064025 5 TR 4:10-5:30
 F 1:10-4:00
 MEETS: JAN 13-MAY 8

ELECTRON CIRCTS&SYS E E 230 4 CREDITS
 Prereq: E E 201, MATH 267, PHYS 222
 4639005 1 MWF 4:10-5:00
 T 8:00-10:50
 MEETS: JAN 13-MAY 8

4639010 2 MWF 4:10-5:00
 T 11:00-1:50
 MEETS: JAN 13-MAY 8

4639015 3 MWF 4:10-5:00
 T 5:10-8:00PM
 MEETS: JAN 13-MAY 8

4639020 4 MWF 4:10-5:00
 W 8:00-10:50
 MEETS: JAN 13-MAY 8

4639025 5 MWF 4:10-5:00
 W 11:00-1:50
 MEETS: JAN 13-MAY 8

4639030 6 MWF 4:10-5:00
 F 12:10-3:00
 MEETS: JAN 13-MAY 8

Note: Materials fee \$50.00
 4639035 7 MWF 4:10-5:00
 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

4639040 8 MWF 4:10-5:00
 R 11:00-1:50
 MEETS: JAN 13-MAY 8

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

TRANSFER ORIENTATIO E E 261 R CREDIT
 Satisfactory-Fail Only.
 9197005 1 T 11:00-11:50
 MEETS: JAN 13-MAY 8

PROB SOLV MTHD&TOOL E E 285 4 CREDITS
 2505005 1 MWF 12:10-1:00
 T 8:00-9:50
 MEETS: JAN 13-MAY 8

2505010 2 MWF 12:10-1:00
 T 4:10-6:00PM
 MEETS: JAN 13-MAY 8

2505015 3 MWF 12:10-1:00
 T 6:10-8:00PM
 MEETS: JAN 13-MAY 8

2505020 4 MWF 12:10-1:00
 W 10:00-11:50
 MEETS: JAN 13-MAY 8

2505025 5 MWF 12:10-1:00
 R 4:10-6:00PM
 MEETS: JAN 13-MAY 8

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 13-MARCH 6

5380010 A2 M 1:10-2:00
 MEETS: JAN 13-MARCH 6

5380020 B1 F 3:10-4:00
 MEETS: JAN 13-MARCH 6

5380025 B2 F 3:10-4:00
 MEETS: JAN 13-MARCH 6

ENRGY SYS&PWR ELTRN E E 303 3 CREDITS
 Prereq: MATH 267, PHYS 222; CREDIT OR ENROLLMENT
 IN E E 230

3415005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

ELECTROMG FLD&WAVES E E 311 4 CREDITS
 Prereq: E E 201, MATH 265, PHYS 222, CREDIT OR
 ENROLLMENT IN MATH 267

2889005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

PROBAB MTH,ELEC ENG E E 322 3 CREDITS
 Prereq: E E 224

3424005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

SIGNALS &SYSTEMS II E E 324 4 CREDITS
 Prereq: E E 224

2192005 1 MWF 2:10-3:00
 T 10:00-12:50
 MEETS: JAN 13-MAY 8

2192010 2 MWF 2:10-3:00
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8

2192015 3 MWF 2:10-3:00
 W 6:10-9:00PM
 MEETS: JAN 13-MAY 8

2192020 4 MWF 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 13-MAY 8

INTGRATED ELECTRNCS E E 330 4 CREDITS
 Prereq: E E 201, CREDIT OR REGISTRATION IN E E
 230, CPR E 281
 Note: CREDIT FOR EITHER CPR E/E E 330 OR E E 331,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

5635005 1 MWF 9:00-9:50
 T 8:00-10:50
 MEETS: JAN 13-MAY 8

5635010 2 MWF 9:00-9:50
 T 5:10-8:00PM
 MEETS: JAN 13-MAY 8

5635015 3 MWF 9:00-9:50
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8

5635020 4 MWF 9:00-9:50
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8

5635025 5 MWF 9:00-9:50
 F 10:00-12:50
 MEETS: JAN 13-MAY 8

5635030 6 MWF 9:00-9:50
 F 1:10-4:00
 MEETS: JAN 13-MAY 8

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 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

BIOMEMS &NANOTECHNL E E 341 3 CREDITS
 0459005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

ANALYS ENERGY SYSTM E E 351 3 CREDITS
 Prereq: PHYS 222
 Note: Meets international perspectives reqmt

8412005 1 MW 4:10-5:20
 MEETS: JAN 13-MAY 8

PROGRAM EXPLORATION E E 394 R CREDIT
 Prereq: E E 294 OR CPR E 294
 Note: SEC B1,C1 RESTRICTED TO O CPR E MAJORS ONLY.
 SEC B2,C2 RESTRICTED TO E E MAJORS ONLY
 Satisfactory-Fail Only.

5403005 A1 M 1:10-2:00
 MEETS: MARCH 9-MAY 8

5403010 A2 M 1:10-2:00
 MEETS: MARCH 9-MAY 8

5403020 B1 F 3:10-4:00
 MEETS: MARCH 9-MAY 8

5403025 B2 F 3:10-4:00
 MEETS: MARCH 9-MAY 8

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 1 MWF 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 13-MAY 8

2900010 2 MWF 11:00-11:50
 R 9:00-11:50
 MEETS: JAN 13-MAY 8

INT DIGT SIGNAL PROC E E 424 4 CREDITS
 Prereq: E E 224

7977005 1 TR 11:00-12:20
 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8

MACHINE LEARNING E E 425X 3 CREDITS
 Prereq: E E 322/STAT 322 (PREFERRED), OR
 STAT 330; AND MATH 207 OR MATH 407/507 (PREFERRED)

0434005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

MICROELEC FABRICATN E E 432 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN E E 332

9222005 1 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$300.00

ANLOG VLSI CIRC DSN E E 435 4 CREDITS
 Prereq: E E 330

2906005 1 MWF 10:00-10:50
 W 11:00-2:00
 MEETS: JAN 13-MAY 8

2906010 2 MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 13-MAY 8

2906015 3 MWF 10:00-10:50
 R 11:00-2:00
 MEETS: JAN 13-MAY 8

PHYSICS OF TRANSIST E E 436X 3 CREDITS
 Prereq: E E 332

0435005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

ELECTRN PROP MATRLS E E 437 3 CREDITS
 Prereq: E E 332 OR MAT E 317 OR PHYS 322

6374005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

OPTOELECTN DEVC&APP E E 438 3 CREDITS
 Prereq: E E 311, E E 332

7182005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

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 1 MWF 4:10-5:00
 T 8:00-9:50
 MEETS: JAN 13-MARCH 6

4723010 2 MWF 4:10-5:00
 T 10:00-11:50
 MEETS: JAN 13-MARCH 6

4723015 3 MWF 4:10-5:00
 T 12:10-2:00
 MEETS: JAN 13-MARCH 6

4723020 4 MWF 4:10-5:00
 T 2:10-4:00
 MEETS: JAN 13-MARCH 6

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

INTR CIRCUIT&INSTRM E E 442 2 CREDITS
 4723025 5 MWF 4:10-5:00
 W 10:00-11:50
 MEETS: JAN 13-MARCH 6

4723030 6 MWF 4:10-5:00
 W 6:10-8:00PM
 MEETS: JAN 13-MARCH 6

4723035 7 MWF 4:10-5:00
 R 11:00-12:50
 MEETS: JAN 13-MARCH 6

4723040 8 MWF 4:10-5:00
 R 1:10-3:00
 MEETS: JAN 13-MARCH 6

4723045 9 MWF 4:10-5:00
 R 3:10-5:00
 MEETS: JAN 13-MARCH 6

4723050 10 MWF 4:10-5:00
 R 5:10-7:00PM
 MEETS: JAN 13-MARCH 6

4723055 11 MWF 4:10-5:00
 R 7:10-9:00
 MEETS: JAN 13-MARCH 6

4723060 12 MWF 4:10-5:00
 F 10:00-11:50
 MEETS: JAN 13-MARCH 6

4723065 13 MWF 4:10-5:00
 F 12:10-2:00
 MEETS: JAN 13-MARCH 6

4723070 14 MWF 4:10-5:00
 F 2:10-4:00
 MEETS: JAN 13-MARCH 6

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 1 MWF 4:10-5:00
 T 8:00-9:50
 MEETS: MARCH 9-MAY 8

4775010 2 MWF 4:10-5:00
 T 10:00-11:50
 MEETS: MARCH 9-MAY 8

4775015 3 MWF 4:10-5:00
 T 12:10-2:00
 MEETS: MARCH 9-MAY 8

4775020 4 MWF 4:10-5:00
 T 2:10-4:00
 MEETS: MARCH 9-MAY 8

4775025 5 MWF 4:10-5:00
 W 10:00-11:50
 MEETS: MARCH 9-MAY 8

4775030 6 MWF 4:10-5:00
 W 6:10-8:00PM
 MEETS: MARCH 9-MAY 8

4775035 7 MWF 4:10-5:00
 R 11:00-12:50
 MEETS: MARCH 9-MAY 8

4775040 8 MWF 4:10-5:00
 R 1:10-3:00
 MEETS: MARCH 9-MAY 8

4775045 9 MWF 4:10-5:00
 R 3:10-5:00
 MEETS: MARCH 9-MAY 8

4775050 10 MWF 4:10-5:00
 R 5:10-7:00PM
 MEETS: MARCH 9-MAY 8

4775055 11 MWF 4:10-5:00
 T 10:00-11:50
 MEETS: MARCH 9-MAY 8

4775060 12 MWF 4:10-5:00
 F 10:00-11:50
 MEETS: MARCH 9-MAY 8

4775065 13 MWF 4:10-5:00
 F 12:10-2:00
 MEETS: MARCH 9-MAY 8

4775070 14 MWF 4:10-5:00
 F 2:10-4:00
 MEETS: MARCH 9-MAY 8

BIOSENSORS E E 450 3 CREDITS
 0477005 1 TR 5:40-7:00PM
 MEETS: JAN 13-MAY 8

ENGINEERG ACOUSTICS E E 451 3 CREDITS
 Prereq: PHYS 221 AND MATH 266 OR MATH 267
 8380005 1 MW 9:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 8

ELECTRI MACHIN&DRIV E E 452 3 CREDITS
 Prereq: E E 303, E E 324

2893005 1 TR 11:00-11:50
 T 4:10-7:00PM
 MEETS: JAN 13-MAY 8

2893010 2 TR 11:00-11:50
 W 12:10-3:00
 MEETS: JAN 13-MAY 8

2893015 3 TR 11:00-11:50
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8

2893020 4 TR 11:00-11:50
 R 8:00-10:50
 MEETS: JAN 13-MAY 8

POWER SYST ANALY II E E 457 3 CREDITS
 Prereq: E E 303, CREDIT OR REGISTRATN IN E E 324
 2913005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

MULTIDISC ENGR DSGN E E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 1900005 1 MWF 3:10-5:00
 MEETS: JAN 13-MAY 8

CONTROL SYS SIMULAT E E 476 3 CREDITS
 Prereq: E E 475
 2915005 1 MW 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY E E 490 VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E E 490H VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO E E 491 3 CREDITS
 Prereq: CPR E 308 OR E E 322, COMPLETION OF 24
 CREDITS IN THE E E CORE PROFESSIONAL PROGRAM OR 29
 CREDITS IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL
 314
 Note: COURSE RESTRICTED TO CPR E, E E, S E MAJORS
 JUNIORS AND ABOVE
 Instructor permission required 1st week.
 7230005 1 T 2:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8

SR DESIGN PROJCT II E E 492 2 CREDITS
 Prereq: E E 491
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
 AND SENIORS
 9515005 1 R 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$55.00

PORTFOLIO ASSESSMNT E E 494 R CREDIT
 Prereq: CPR E/E E 394, CREDIT OR ENROLLMENT IN
 CPR E/E E 491
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
 AND ABOVE

7347005 1 W 1:10-2:00
 MEETS: JAN 13-MAY 8

7347010 2 W 2:10-3:00
 MEETS: JAN 13-MAY 8

7347015 3 R 2:10-3:00
 MEETS: JAN 13-MAY 8

7347020 4 R 3:10-4:00
 MEETS: JAN 13-MAY 8

MODERN OPTICS E E 496 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN PHYS 322,
 E E 365, AND E E 480
 5322005 1 MWF 10:00-10:50 WANG J
 MEETS: JAN 13-MAY 8

MXD-SIGNL IC TESTNG E E 509 3 CREDITS
 Prereq: E E 424 OR EQUIVALENT; E E 435 OR E E 501
 5668005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

ELMAGNETC RAD,ANTEN E E 517 4 CREDITS
 Prereq: E E 311

4808005 1 MWF 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 13-MAY 8

4808010 2 MWF 11:00-11:50
 R 9:00-11:50
 MEETS: JAN 13-MAY 8

MICROWV REMOTE SENS E E 518 3 CREDITS
 Prereq: MATH 265
 3671005 1 TR 11:00-12:30
 MEETS: JAN 13-MAY 8

TOPICS IN COMMUNICS E E 520 3 CREDITS
 7695005 1 MW 11:00-12:20
 MEETS: JAN 13-MAY 8

ADV COMMUNICATIONS E E 521 3 CREDITS
 Prereq: E E 422, CREDIT OR ENROLLMENT IN E E 523
 9207005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

RANM PROC COMM&SIG E E 523 3 CREDITS
 Prereq: E E 322, MATH 317
 7358005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

DETECT&ESTIM THEORY E E 527 3 CREDITS
 Prereq: E E 422
 2940005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

DATA ANALYTCS IN EE E E 529 3 CREDITS
 Prereq: E E 322 OR EQUIVALENT
 4017005 1 MW 4:10-5:30
 MEETS: JAN 13-MAY 8

TOPICS EL,MICR,PHOT E E 530 3 CREDITS
 Prereq: E E 332
 9526005 1 MW 6:10-7:30PM
 MEETS: JAN 13-MAY 8

TOPCS INTR MEMS&BIO E E 530M 3 CREDITS
 8749005 1 MW 3:40-5:00
 MEETS: JAN 13-MAY 8

MICROEL FABRIC TCHO E E 532 4 CREDITS
 Prereq: PHYS 222, MATH 265. E E 332 OR MAT E 331
 RECOMMENDED
 8880005 1 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$300.00

PHYS SEMICONV DEVIC E E 536 3 CREDITS
 Prereq: E E 535
 2942005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

ELECTRN PROP MATRLS E E 537 3 CREDITS
 Prereq: E E 332 OR MAT E 317 OR PHYS 322
 6668005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

OPTOELE DEVICES&APP E E 538 3 CREDITS
 Prereq: E E 311 OR E E 332
 3517005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

STEADY STATE ANALYS E E 553 3 CREDITS
 Prereq: E E 456, E E 457
 8879005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

POWER SYST DYNAMICS E E 554 3 CREDITS
 Prereq: E E 456, E E 457, E E 475
 2947005 1 TR 4:10-5:30
 MEETS: JAN 13-MAY 8

SYST ENGR &ANALYSIS E E 565 3 CREDITS
 Prereq: COURSE WORK IN BASIC STATISTICS
 Note: I E MAJORS MAY NOT APPLY CREDIT IN I E 565,
 E E 565, AER E 565 TOWARD DEGREE REQUIREMENTS
 8931005 1 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO ENG M, IE, IMSE, SYS E
 GRADUATES ONLY
 8931010 2 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN ENG M, IE, IMSE,
 SYS E GRADUATES. UNDERGRADS ONLY BY PERMISSION OF
 DEPARTMENT

OPTIMAL CONTROL E E 574 3 CREDITS
 Prereq: E E 577
 2952005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

DIGIT FEEDBCK CNTRL E E 576 3 CREDITS
 Prereq: E E 475 OR AER E 432 OR M E 411 OR
 MATH 415; AND MATH 267
 2953005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

NONLINEAR SYSTEMS E E 578 3 CREDITS
 Prereq: E E 577
 2955005 1 MW 5:10-6:30PM
 MEETS: JAN 13-MAY 8

SPL TOP ELECMAG THY E E 590A 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONTROL SYS E E 590B 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN SYS E E 590C 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPTN ENGR E E 590E 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRC PWR E E 590F 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELEC MATRLS E E 590G 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EL DEVIC&CIR E E 590H 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SIGNL PROCS E E 590I 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMN ELECTRIC POWER E E 594 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2020
 2964005 1 T 1:10-2:00
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY E E 595X 1- 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM COMM&SIGNL PROC E E 597 1 CREDIT
 Note: COURSE RESTRICTED TO E CPE MAJORS ONLY.
 Satisfactory-Fail Only.
 7542005 1 ARRANGED
 MEETS: JAN 13-MAY 8

LEARNNG CMMUNTY SEMN E E 598 R CREDIT
 Prereq: CLASSIFICATION AS AN E CPE MAJOR
 Satisfactory-Fail Only.
 9875005 1 F 4:10-5:30
 MEETS: JAN 13-MAY 8

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

ENGINEERG INTERNSHP E E 697 R CREDIT
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF
 STUDENT SERVICES.
 Satisfactory-Fail Only.
 5716005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

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

ENGINEERING

ENGINEERING ORIENTN ENGR 101 R CREDIT
 Satisfactory-Fail Only.
 3788005 1 T 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 FOR MAJORS OTHER THAN AER E, CH E,
 C E, CON E, CPR E, E E, M E, S E
 3788010 2 R 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO CPR E, E E AND S E MAJORS
 ONLY.
 3788015 3 F 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO AER E MAJORS ONLY.
 3788020 4 T 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC D RESTRICTED TO CPR E, E E AND S E MAJORS
 ONLY.
 3788025 5 W 2:10-3:00
 MEETS: JAN 13-MARCH 6
 Note: SEC 5 RESTRICTED TO AER E MAJORS
 3788030 6 W 8:00-8:50
 MEETS: JAN 13-MAY 8
 Note: SEC 6 RESTRICTED M E TRANSFER STUDENTS ONLY
 3788035 7 W 3:10-4:00
 MEETS: JAN 13-MARCH 6
 3788040 8 R 8:00-8:50
 MEETS: JAN 13-MAY 8
 3788045 9 T 3:10-4:00
 MEETS: JAN 13-MAY 8
 Note: SEC 9 RESTRICTED TO M E MAJORS ONLY
 3788050 10 W 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC 11 RESTRICTED TO CH E MAJORS ONLY

LEAD PROGRM SEMINAR ENGR 105 1 CREDIT
 Note: THIS COURSE IS RESTRICTED TO STUDENTS IN
 LEAD LEARNING COMMUNITY.
 Satisfactory-Fail Only.
 6866005 1 F 1:10-3:00
 MEETS: JAN 13-MAY 8

FOUND LEADR DV&LRNG ENGR 150 1 CREDIT
 Satisfactory-Fail Only.
 8147005 1 M 3:10-5:00
 MEETS: JAN 13-MARCH 6

ENGINEERING

(CONTINUED)

ENGINEERING MECHANICS

(CONTINUED)

ENGR PROB & CPR LAB ENGR 160 3 CREDITS
 Prereq: MATH 143 OR SATISFACTORY SCORES
 ON MATHEMATICS PLACEMENT EXAMINATIONS
 Note: COURSE RESTRICTED TO ENGR, MAT E MAJORS ONLY.
 CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE
 APPLIED TOWARD GRADUATION: M E 160, ENGR 160,
 A B E 160, AER E 160, C E 160, CPR E 185, E E 185,
 S E 185, I E 148.
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

2946005 1 MW 8:00-9:50
 MEETS: JAN 13-MAY 8

2946010 2 MW 10:00-11:50
 MEETS: JAN 13-MAY 8

2946015 3 MW 12:10-2:00
 MEETS: JAN 13-MAY 8

2946020 4 TR 8:00-9:50
 MEETS: JAN 13-MAY 8

2946025 5 TR 10:00-11:50
 MEETS: JAN 13-MAY 8

2946030 6 TR 12:10-2:00
 MEETS: JAN 13-MAY 8

2946035 7 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

2946040 10 MW 2:10-4:00
 MEETS: JAN 13-MAY 8

LEADRSHP ENGR TEAMS ENGR 250 1 CREDIT
 8591005 1 M 3:10-5:00
 MEETS: MARCH 9-MAY 8

SURV IMPCT OF ENGRG ENGR 265 3 CREDITS
 2212005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SURV HOW THINGS WRK ENGR 270 3 CREDITS
 7455005 1 TR 4:10-5:30
 MEETS: JAN 13-MAY 8

INT'L EXPRNC REPORT ENGR 320 3 CREDITS
 Prereq: SATISFACTORY COMPLETION OF INTERNATIONAL
 WORK EXPERIENCE OF AT LEAST 10 WEEKS OR 9 CREDITS OF
 APPROVED COURSE WORK TAKEN ABROAD
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.

7283005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ENTREPREN PROD ENGR ENGR 430X 3 CREDITS
 0345005 1 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

PRDCT ENG DSN PRJCT ENGR 434X 3 CREDITS
 0341005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

MULTIDISC ENGR DSGN ENGR 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR

8893005 1 MWF 3:10-5:00
 MEETS: JAN 13-MAY 8

IND STDY ENTREPRNSH ENGR 490E 1- 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 ENGINEERING, COLLEGE APPROVAL
 Note: College permission required.

2529005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ENGINEERING MECHANICS

ENGINEERING STATICS E M 274 3 CREDITS
 Prereq: PHYS 221, CREDIT OR ENROLLMNT IN MATH 166
 Note: CREDIT IN MAT E 319X, OR THE E M 274 & E M 324
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

3004005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

3004010 2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

3004015 3 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

3004020 4 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

3004025 5 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

MECHAN OF MATERIALS E M 324 3 CREDITS
 Prereq: E M 274
 Note: ON-CAMPUS SECTIONS RESTRICTED TO ENGR SOPH
 AND ABOVE. CREDIT IN MAT E 319X, OR THE E M 274 &
 E M 324 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION.
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

3007005 1 MWF 9:00-9:50 JOHANNSEN J
 MEETS: JAN 13-MAY 8

3007010 2 MWF 3:10-4:00 ZARECHNYY O
 MEETS: JAN 13-MAY 8

MECHAN OF MATERIALS E M 324 3 CREDITS
 3007015 3 MWF 3:10-4:00 ZARECHNYY O
 MEETS: JAN 13-MAY 8

3007020 4 MWF 11:00-11:50 JOHANNSEN J
 MEETS: JAN 13-MAY 8

3007040 5 MWF 4:10-5:00 ZARECHNYY O
 MEETS: JAN 13-MAY 8

3007045 6 MWF 9:00-9:50 JOHANNSEN J
 MEETS: JAN 13-MAY 8

MECH OF MATERLS LAB E M 327 1 CREDIT
 Prereq: E M 324
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE &
 ABOVE.

3008005 1 T 8:00-9:50 SCHAEFER J
 MEETS: JAN 13-MAY 8

3008010 2 T 10:00-11:50 SCHAEFER J
 MEETS: JAN 13-MAY 8

3008015 3 R 10:00-11:50 SCHAEFER J
 MEETS: JAN 13-MAY 8

3008020 4 W 8:00-9:50 SCHAEFER J
 MEETS: JAN 13-MAY 8

3008025 5 W 10:00-11:50 SCHAEFER J
 MEETS: JAN 13-MAY 8

3008030 6 T 1:10-3:00 SCHAEFER J
 MEETS: JAN 13-MAY 8

3008035 7 R 1:10-3:00 SCHAEFER J
 MEETS: JAN 13-MAY 8

3008040 8 T 3:10-5:00 SCHAEFER J
 MEETS: JAN 13-MAY 8

3008045 9 R 3:10-5:00 SCHAEFER J
 MEETS: JAN 13-MAY 8

3008050 10 T 5:10-7:00PM SCHAEFER J
 MEETS: JAN 13-MAY 8

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 & 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 13-MAY 8

3010010 2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

3010015 3 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

3010020 4 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

3010025 5 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

PRIN NONDESTRC TEST E M 362 3 CREDITS
 Prereq: PHYS 112 OR PHYS 222
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE &
 ABOVE.

3011005 1 MWF 10:00-10:50 BOND L
 MEETS: JAN 13-MAY 8

3011600 XW ARRANGED BOND L
 MEETS: JAN 13-MAY 8
 Note: Section XW 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 &
 ABOVE.

3012005 1 T 2:10-5:00 BOND L
 MEETS: JAN 13-MAY 8

3012010 2 R 2:10-5:00 BOND L
 MEETS: JAN 13-MAY 8

MECHANICS OF FLUIDS E M 378 3 CREDITS
 Prereq: E M 274
 Note: LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB
 IS HELD. COURSE RESTRICTED TO ENGR COLLEGE MAJORS
 SOPHOMORE & ABOVE.
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

3013005 1 MWF 10:00-10:50 SCHAEFER J
 T 8:00-9:50
 MEETS: JAN 13-MAY 8

3013010 2 MWF 10:00-10:50 SCHAEFER J
 T 10:00-11:50
 MEETS: JAN 13-MAY 8

3013015 3 MWF 10:00-10:50 SCHAEFER J
 T 1:10-3:00
 MEETS: JAN 13-MAY 8

3013020 4 MWF 10:00-10:50 SCHAEFER J
 T 3:10-5:00
 MEETS: JAN 13-MAY 8

3013025 5 MWF 9:00-9:50 SCHAEFER J
 W 11:00-12:50
 MEETS: JAN 13-MAY 8

3013030 6 MWF 10:00-10:50 SCHAEFER J
 W 1:10-3:00
 MEETS: JAN 13-MAY 8

3013035 7 MWF 10:00-10:50 SCHAEFER J
 W 3:10-5:00
 MEETS: JAN 13-MAY 8

3013040 8 MWF 9:00-9:50 SCHAEFER J
 R 8:00-9:50
 MEETS: JAN 13-MAY 8

ENGINEERING MECHANICS (CONTINUED)

MECHANICS OF FLUIDS E M 378 3 CREDITS
 3013045 9 MWF 9:00-9:50 SCHAEFER J
 R 10:00-11:50
 MEETS: JAN 13-MAY 8

3013050 10 MWF 9:00-9:50 SCHAEFER J
 R 1:10-3:00
 MEETS: JAN 13-MAY 8

3013055 11 MWF 9:00-9:50 SCHAEFER J
 R 3:10-5:00
 MEETS: JAN 13-MAY 8

3013060 12 MWF 9:00-9:50 SCHAEFER J
 W 3:10-5:00
 MEETS: JAN 13-MAY 8

ENGINEERG ACOUSTICS E M 451 3 CREDITS
 Prereq: PHYS 221 AND MATH 266 OR 267
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE &
 ABOVE. LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB
 IS HELD.

3021005 1 MW 9:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 8

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 13-MAY 8

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

FINITE ELEMENT ANLY E M 525 3 CREDITS
 Prereq: E M 425, MATH 385

3034005 1 MWF 2:10-3:00 XIONG L
 MEETS: JAN 13-MAY 8

3034600 XW ARRANGED XIONG L
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ADV ENGR DYNAMICS E M 548 3 CREDITS
 Prereq: E M 345, MATH 266 OR MATH 267

3040005 1 MWF 3:10-4:00 ABDELKHALIK O
 MEETS: JAN 13-MAY 8

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 13-MAY 8

8108600 XW ARRANGED HOLLAND S
 MEETS: JAN 13-MAY 8
 Note: Section XW 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 690O 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV MATERLS E M 690P 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV COMP MTH E M 690Q 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING MECHANICS (CONTINUED)

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 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

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

ENGLISH

NONNATIVE SPEAKING ENGL 99S 0 CREDITS
 Prereq: RECOMMENDATION OF ENGLISH DEPARTMENT

9180005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

9180010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

9180015 3 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

9180020 4 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

9180025 5 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

ENGLISH NONNATIVE I ENGL 101B 3 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
 VARIOUS SECTIONS DETERMINED BY EXAMINATION
 Note: ENGL 101B DOES NOT APPLY TOWARD GRADUATION.

3294005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

3294010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

3294015 3 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

ENGLISH NONNATIV II ENGL 101C 3 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
 VARIOUS SECTIONS DETERMINED BY EXAMINATION
 Note: ENGL 101C DOES NOT APPLY TOWARD GRADUATION.

3295005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

3295010 2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

3295015 3 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

3295020 4 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

3295025 5 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

ENGLISH NONNATIV II ENGL 101D 3 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
 VARIOUS SECTIONS DETERMINED BY EXAMINATION
 Note: ENGL 101D DOES NOT APPLY TOWARD GRADUATION.

3296005 1 W 10:00-10:50
 MF 10:00-10:50
 MEETS: JAN 13-MAY 8

3296010 2 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 13-MAY 8

3296015 3 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 13-MAY 8

COMPUTERS &LANGUAGE ENGL 120 3 CREDITS
 6170005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

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.

3298200 TA T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 13-MAY 8
 Note: SEC. TA MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB

3298205 TB T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC. TB MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB

3298210 TC T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC. TC MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB

3298215 TD T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC. TD MAY MEET THURSDAY IN ROSS HALL COMPUTER

ENGLISH (CONTINUED)

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS
 LAB
 3298220 TE WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 13-MAY 8
 Note: SEC. TE MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3298225 TF WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC. TF MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3298230 TG WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC. TG MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3298240 TH WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC. TH MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3298245 TJ WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: SEC. TJ MAY MEET MONDAY IN ROSS HALL COMPUTER LAB
 3298250 TK T 3:40-6:20PM
 R 3:40-6:20PM
 MEETS: JAN 13-MARCH 6
 Note: SEC. TK MAY MEETS IN ROSS HALL COMPUTER LAB
 3298255 TL T 3:40-6:20PM
 R 3:40-6:20PM
 MEETS: MARCH 9-MAY 8
 Note: SEC. TL MAY MEETS IN ROSS HALL COMPUTER LAB
 3298260 TM MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC. TM MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB
 3298265 TN MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC. TN MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB
 3298270 TP MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC. TP MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB
 3298071 TQ MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: SEC. TQ MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB
 3298620 XS ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XS is off campus
 Course delivery is WWW
 3298640 XT ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XT is off campus
 Course delivery is WWW
 3298660 XU ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XU is off campus
 Course delivery is WWW
 3298680 XV ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW
 3298690 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 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 THE CENTER FOR COMMUNICATION EXCELLENCE,
 1137 PEARSON HALL.
 Satisfactory-Fail Only.
 3579600 XW ARRANGED COMPTON L
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00
 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 THE CENTER FOR COMMUNICATION EXCELLENCE,
 1137 PEARSON HALL.
 Satisfactory-Fail Only.
 3585005 1 TR 3:10-4:30
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

ENGLISH (CONTINUED)

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 THE CENTER FOR COMMUNICATION EXCELLENCE,
 1137 PEARSON HALL.
 Satisfactory-Fail Only.
 3593005 1 TR 3:10-4:30
 MEETS: JAN 13-MAY 8
 Note: Department permission required.
 3593010 2 MW 12:40-2:00
 MEETS: JAN 13-MAY 8
 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 13-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, SP CM, TCOMM ONLY
 MAJORS ONLY
 3303010 A2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, SP CM,
 TCOMM
 INTRO CREATIVE WRIT ENGL 207 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 7369005 1 TR 2:10-3:00
 M 4:10-5:00
 MEETS: JAN 13-MAY 8
 7369010 2 TR 2:10-3:00
 M 4:10-5:00
 MEETS: JAN 13-MAY 8
 7369015 3 TR 2:10-3:00
 M 5:10-6:00PM
 MEETS: JAN 13-MAY 8
 7369020 4 TR 2:10-3:00
 M 5:10-6:00PM
 MEETS: JAN 13-MAY 8
 7369025 5 TR 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 13-MAY 8
 7369030 6 TR 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 13-MAY 8
 7369035 7 TR 2:10-3:00
 T 5:10-6:00PM
 MEETS: JAN 13-MAY 8
 INTRO LINGUISTICS ENGL 219 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH AND ABOVE.
 3307005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 3307010 2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO ENGL, LING SOPH & ABOVE
 3307015 3 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 DESCRP ENGL GRAMMAR ENGL 220 3 CREDITS
 Prereq: ENGL 250
 3308005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 3308010 2 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 3308600 XW ARRANGED SCHAEFER S
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 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 13-MAY 8
 5351010 A2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 AMER LIT SINCE 1865 ENGL 228 3 CREDITS
 Prereq: ENGL 250
 Note: SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2,B2 FOR MAJORS OTHER THAN ENGL, TCOMM
 5360005 A1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 5360010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 5360015 B1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 5360020 B2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 SURVEY OF FILM HIST ENGL 237 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
 1940005 1 M 3:10-4:00
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$25.00
 1940010 2 M 4:10-5:00
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$25.00

ENGLISH

(CONTINUED)

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 13-MAY 8
 Note: SEC. CA IS LIKELY TO MEET ALL DAYS IN THE
 CURTISS 0306 LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299910 CB MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC. CB IS LIKELY TO MEET ALL DAYS IN THE
 CURTISS 0306 LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED. P BUS ADVRT
 3299915 CC MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC. CC IS LIKELY TO MEET ALL DAYS IN THE
 CURTISS 0306 LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299920 CD MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC. CD IS LIKELY TO MEET ALL DAYS IN THE
 CURTISS 0306 LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299935 CG TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC. CG IS LIKELY TO MEET ALL DAYS IN THE
 CURTISS 0306 LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299940 CH TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC. CH IS LIKELY TO MEET ALL DAYS IN THE
 CURTISS 0306 LAPTOP LAB. LAPTOP COMPUTERS ARE
 PROVIDED
 3299009 DA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 13-MAY 8
 Note: SEC DA MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299010 DB WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC DB MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299015 DC WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC DC MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299011 DD WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 13-MAY 8
 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 13-MAY 8
 Note: SEC DE MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299013 DF R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC DF MEETS IN ROSS HALL COMPUTER LAB
 ON TUESDAYS
 3299014 DG R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC DG MEETS IN ROSS HALL COMPUTER LAB
 ON TUESDAYS
 3299016 DH MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC DH MEETS IN ROSS HALL COMPUTER LAB
 ON WEDNESDAYS
 3299017 DI MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC DI MEETS IN ROSS HALL COMPUTER LAB
 ON WEDNESDAYS
 3299018 DJ MW 10:00-10:50
 F 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC DJ MEETS IN ROSS HALL COMPUTER LAB
 ON FRIDAYS
 3299019 DK MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: SEC DK MEETS IN ROSS HALL COMPUTER LAB
 ON FRIDAYS
 3299020 DL WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC DL MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299021 DM WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC DM MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS
 3299022 DN WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC DN MEETS IN ROSS HALL COMPUTER LAB
 ON MONDAYS

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299023 DP T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 13-MAY 8
 Note: SEC DP MEETS IN ROSS HALL COMPUTER LAB
 ON THURSDAYS
 3299024 DQ T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC DQ MEETS IN ROSS HALL COMPUTER LAB
 ON THURSDAYS
 3299105 NA MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 Note: SEC NA MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299110 NB MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC NB MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299115 NC MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC NC MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299120 ND MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC ND MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299125 NE MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: SEC NE MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 SPECIAL TOPIC: COR
 3299130 NF MWF 2:10-3:30
 MEETS: JAN 13-MAY 8
 Note: SEC NF MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299145 NJ TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 Note: SEC NJ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299150 NK TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC NK MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299155 NL TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC NL MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299160 NM TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC NM MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299165 NN TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 Note: SEC NN MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299170 NP TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC NP MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299400 PA TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299405 PB TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC PB MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299410 PC TR 3:40-6:20PM
 MEETS: JAN 13-MARCH 6
 Note: SEC. PC IS A FIRST-HALF SEMESTER SECTION THAT
 STARTS ON TUESDAY, JANUARY 15. DUE TO THE CONDENSED
 NATURE OF THIS SECTION (8 WKS), REGULAR ATTENDANCE
 IS CRITICAL. SEC PC MEETS BOTH DAYS IN A ROSS HALL
 LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED. CONTACT
 DEANNA STUMBO (229 ROSS) FOR PERMISSION TO ADD DURING
 1ST WEEK.
 Department permission required 1st week.
 3299461 PD TR 3:40-6:20PM
 MEETS: MARCH 9-MAY 8
 Note: SEC. PD IS A SECOND-HALF SEMESTER SECTION THAT
 STARTS ON TUESDAY, MARCH 12. DUE TO THE CONDENSED
 NATURE OF THIS SECTION (8 WKS), REGULAR ATTENDANCE
 IS CRITICAL. SEC PD MEETS BOTH DAYS IN A ROSS HALL
 LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED. CONTACT
 DEANNA STUMBO (229 ROSS) FOR PERMISSION TO ADD DURING
 1ST WEEK.
 Department permission required 1st week.
 3299420 PE TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 Note: SEC PE MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299425 PF TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC PF MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299430 PG MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 Note: SEC PG MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299435 PH MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC PH MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299440 PJ MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 Note: SEC BJ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299445 PK MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC PK MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299450 PL MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: SEC PL MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299460 PN MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC PN MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299465 PP MW 3:10-6:00PM
 MEETS: JAN 13-MARCH 6
 Note: SEC PP IS A FIRST-HALF SEMESTER SECTION THAT
 STARTS ON MONDAY, JANUARY 14. DUE TO THE CONDENSED
 NATURE OF THIS SECTION (8 WKS), REGULAR ATTENDANCE
 IS CRITICAL. SEC PP MEETS BOTH DAYS IN A ROSS HALL
 LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED. CONTACT
 DEANNA STUMBO (229 ROSS) FOR PERMISSION TO ADD DURING
 1ST WEEK.
 Department permission required 1st week.
 3299470 PQ MW 3:10-6:00PM
 MEETS: MARCH 9-MAY 8
 Note: SEC PQ IS A SECOND-HALF SEMESTER SECTION THAT
 STARTS ON MONDAY, MARCH 11. DUE TO THE CONDENSED
 NATURE OF THIS SECTION (8 WKS), REGULAR ATTENDANCE
 IS CRITICAL. SEC PQ MEETS BOTH DAYS IN A ROSS HALL
 LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED. CONTACT
 DEANNA STUMBO (229 ROSS) FOR PERMISSION TO ADD DURING
 1ST WEEK.
 Department permission required 1st week.
 3299260 PR TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 Note: SEC PR MAY MEET IN ROSS HALL LAPTOP COMPUTER
 LAB. COMPUTERS ARE PROVIDED.
 3299700 RA MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 Note: SEC RA MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299705 RB MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC RB MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299710 RC MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC RC MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299715 RD MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC RD MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299720 RE MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: SEC RE MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299730 RG MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC RG MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299740 RJ MWF 4:10-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC RJ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299745 RK TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 Note: SEC RK MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299750 RL TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC RL MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299755 RM TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC RM MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299760 RN TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC RN MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299765 RP TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 Note: SEC RP MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299770 RQ TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC RQ MEETS IN ROSS HALL LAPTOP LAB
 LAPTOP COMPUTERS ARE PROVIDED.
 3299800 SA MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 Note: SEC SA MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299805 SB MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC SB MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299810 SC MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC SC MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299815 SD MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC SD MEETS IN ROSS HALL LAPTOP LAB.

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 LAPTOP COMPUTERS ARE PROVIDED.
 3299820 SE MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: SEC SE MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299821 SG MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC SG MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299830 SK TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 Note: SEC SK MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299840 SL TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC SL MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299845 SM TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC SM MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299885 SN TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC SN MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299890 SQ TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC SQ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299892 ST TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 Note: SEC SQ MEETS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299500 TA R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC TA MAY MEET TUESDAY IN ROSS HALL COMPUTER LAB
 3299505 TB R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 13-MAY 8
 Note: SEC TB MAY MEET TUESDAY IN ROSS HALL COMPUTER LAB
 3299510 TC T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 13-MAY 8
 Note: SEC TC MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299515 TD T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC TD MAY MEET THURSDAY IN A ROSS HALL COMPUTER
 LAB
 3299525 TE T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC TE MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299530 TF T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC TF MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299535 TG T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 13-MAY 8
 Note: SEC TG MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299540 TH MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC TH MAY MEET FRIDAY IN ROSS HALL COMPUTER LAB
 3299545 TI MW 10:00-10:50
 F 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC TI MAY MEET FRIDAY IN ROSS HALL COMPUTER LAB
 3299603 VA R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC VA MAY MEET TUESDAY IN ROSS HALL COMPUTER LAB
 3299605 VB R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 13-MAY 8
 Note: SEC VB MAY MEET TUESDAY IN ROSS HALL COMPUTER LAB
 3299610 VC T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 13-MAY 8
 Note: SEC VC MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299615 VD T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC VD MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
 LAB
 3299620 VE T 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC VE MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299625 VF T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC VF MAY MEET THURSDAY IN ROSS HALL COMPUTER
 LAB
 3299600 XR ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XR is off campus

ENGLISH (CONTINUED)

ENGLISH (CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 Course delivery is WWW
 3299630 XS ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XS is off campus
 Course delivery is WWW
 3299635 XT ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XT is off campus
 Course delivery is WWW
 3299640 XU ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XU is off campus
 Course delivery is WWW
 3299645 XV ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW
 3299650 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

BUSINESS COMMUNICAT ENGL 302 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 Note: ON-CAMPUS SECTS MAY MEET IN A COMPUTER LAB ON AT LEAST 1 DAY PER WEEK. THE OTHER MEETINGS WILL BE IN A TRADITIONAL CLASSROOM.
 COURSE IS RESTRICTED TO JUNIORS AND ABOVE
 3314005 1 WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 13-MAY 8
 3314010 2 WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 13-MAY 8
 3314015 3 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO JRS & SRS IN THE COLLEGE OF BUSINESS
 3314020 4 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 4 RESTRICTED TO JRS & SRS IN THE COLLEGE OF BUSINESS
 3314025 5 WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 13-MAY 8
 3314030 6 WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 13-MAY 8
 3314035 7 MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 13-MAY 8
 3314040 8 MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 13-MAY 8
 3314045 9 MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 13-MAY 8
 3314600 XL ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XL is off campus
 Course delivery is WWW
 3314605 XM ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XM is off campus
 Course delivery is WWW
 3314610 XN ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XN is off campus
 Course delivery is WWW
 3314615 XO ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XO is off campus
 Course delivery is WWW
 3314620 XP ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XP is off campus
 Course delivery is WWW
 3314625 XQ ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XQ is off campus
 Course delivery is WWW
 3314630 XR ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XR is off campus
 Course delivery is WWW
 3314635 XS ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XS is off campus
 Course delivery is WWW
 3314640 XT ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XT is off campus
 Course delivery is WWW
 3314645 XU ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XU is off campus
 Course delivery is WWW
 3314650 XV ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW
 3314655 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

BUSINESS COMMUNICAT ENGL 302 3 CREDITS
 3314050 10 MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 8
 3314055 11 WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 13-MAY 8
 3314060 12 WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 13-MAY 8
 3314065 13 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 13-MAY 8
 3314070 14 MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 13-MAY 8
 3314075 15 TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 Note: SEC 15 RESTRICTED TO JUNIORS & SENIORS IN THE COLLEGE OF BUSINESS
 3314080 16 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 16 RESTRICTED TO JUNIORS & SENIORS IN THE COLLEGE OF BUSINESS
 3314085 17 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 13-MAY 8
 3314090 18 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 13-MAY 8
 3314095 19 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 13-MAY 8
 3314100 20 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 13-MAY 8
 3314105 21 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 8
 3314110 22 T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 13-MAY 8
 3314115 23 R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 13-MAY 8
 3314120 24 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 Note: SEC 24 RESTRICTED TO JUNIORS & SENIORS IN THE COLLEGE OF BUSINESS
 3314125 25 MW 8:00-8:50
 F 8:00-8:50
 MEETS: JAN 13-MAY 8
 3314130 26 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC 26 RESTRICTED TO JUNIORS & SENIORS IN THE COLLEGE OF BUSINESS
 3314135 27 WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 13-MAY 8
 3314140 28 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 13-MAY 8
 3314145 29 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 29 RESTRICTED TO JUNIORS & SENIORS IN THE COLLEGE OF BUSINESS
 3314150 30 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 13-MAY 8
 3314155 31 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 13-MAY 8
 3314160 32 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: SEC 32 RESTRICTED TO JUNIORS & SENIORS IN THE COLLEGE OF BUSINESS
 3314170 33 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 13-MAY 8
 3314175 34 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC 34 RESTRICTED TO JUNIORS & SENIORS IN THE COLLEGE OF BUSINESS
 3314185 35 MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 13-MAY 8
 3314190 36 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 13-MAY 8
 3314195 37 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 13-MAY 8
 3314200 38 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 13-MAY 8

ENGLISH (CONTINUED)

CREAT WRITING:FICTN ENGL 304 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 Note: COURSE IS RESTRICTED TO SOPH AND ABOVE
 3316005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 3316010 2 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

CREAT WRITING:NON-F ENGL 305 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 3317005 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 3317010 2 MW 3:40-5:00
 MEETS: JAN 13-MAY 8

CREAT WRITING: POET ENGL 306 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 3318005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 3318010 2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

PROPOSAL&RPRT WRITNG ENGL 309 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 Note: ON-CAMPUS SECTS MAY MEET IN A COMPUTER LAB ON AT LEAST 1 DAY PER WEEK. THE OTHER MEETINGS WILL BE IN A TRADITIONAL CLASSROOM.
 COURSE IS RESTRICTED TO JUNIORS AND ABOVE
 8089005 A1 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 13-MAY 8
 8089010 A2 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 13-MAY 8
 8089015 B1 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 13-MAY 8
 8089025 C1 R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 13-MAY 8
 8089035 D1 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 8089040 E1 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 13-MAY 8
 8089045 F1 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 13-MAY 8
 8089600 XV ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW
 8089605 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

RHETORICAL ANALYSIS ENGL 310 3 CREDITS
 Prereq: ENGL 250
 8308005 A1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 8308010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 8308015 B1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 8308020 B2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

BIOLOGICL COMMUNICA ENGL 312 3 CREDITS
 Prereq: ENGL 250
 Note: SECTS MEET IN A COMPUTER LAB AT LEAST 1 DAY PER WEEK. THE OTHER MEETINGS WILL BE IN A TRADITIONAL CLASSROOM.
 COURSE IS RESTRICTED TO MAJOR IN LIFE SCIENCES
 6971005 1 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 13-MAY 8
 6971010 2 T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 13-MAY 8
 6971015 3 MW 10:00-10:50
 F 10:00-10:50
 MEETS: JAN 13-MAY 8

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS
 Prereq: ENGL 250, JUNIOR CLASSIFICATION
 Note: ON-CAMPUS SECTS MAY MEET IN A COMPUTER LAB ON AT LEAST 1 DAY PER WEEK. THE OTHER MEETINGS WILL BE IN A TRADITIONAL CLASSROOM.
 COURSE IS RESTRICTED TO JUNIORS AND ABOVE
 3356005 1 MW 8:00-8:50
 F 8:00-8:50
 MEETS: JAN 13-MAY 8
 3356010 2 MW 9:00-9:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8
 3356015 3 MW 10:00-10:50
 F 10:00-10:50
 MEETS: JAN 13-MAY 8
 3356020 4 MW 11:00-11:50
 F 11:00-11:50
 MEETS: JAN 13-MAY 8

ENGLISH (CONTINUED)

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS
 3356025 5 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 13-MAY 8
 3356030 6 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 13-MAY 8
 3356035 7 MW 3:10-4:00
 F 3:10-4:00
 MEETS: JAN 13-MAY 8
 3356040 8 T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 13-MAY 8
 3356045 9 T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 13-MAY 8
 3356800 JP ARRANGED HOUSE J
 MEETS: MAY 11-29
 Note: SEC JP TAUGHT IN JAPAN. ENGLISH 314 TECHNICAL COMMUNICATION IN TA GLOBAL CONTEXT: JAPAN 2020. STUDY ABROAD SPRING 2020 Study Abroad Administrative Fee Applies
 3356600 XT ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XT is off campus
 Course delivery is WWW
 3356605 XU ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XU is off campus
 Course delivery is WWW
 3356610 XV ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW
 3356615 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 3356050 10 T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 13-MAY 8
 3356055 11 T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 13-MAY 8
 3356060 12 T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 13-MAY 8
 3356065 13 R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 13-MAY 8
 3356070 14 R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 13-MAY 8
 3356075 15 MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 13-MAY 8
 3356080 16 MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 13-MAY 8
 3356085 17 MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 8
 3356090 18 MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 13-MAY 8
 3356095 19 MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 13-MAY 8
 3356100 20 MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 13-MAY 8
 3356115 21 WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 8
 3356120 22 WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 13-MAY 8

TECHNCL COMM:HONORS ENGL 314H 3 CREDITS
 Prereq: ENGL 250, JR CLASSIFICATION. FOR UNIV HONORS PROGRAM STUDENTS ONLY.
 Note: COURSE MAY BE TAUGHT IN THE COMPUTER LAB
 3357005 1 R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 13-MAY 8

CRTV WRT:PLAYWRITNG ENGL 316 3 CREDITS
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN
 Note: COURSE IS RESTRICTED TO SOPH AND ABOVE
 3321005 A1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL MAJORS ONLY
 3321010 A2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL

ENGLISH (CONTINUED)

LANGUAGE & SOCIETY ENGL 322 3 CREDITS
 Prereq: ENGL 219 OR LING 219
 3054005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

TEACH ESL:ORAL COMM ENGL 325 3 CREDITS
 3196005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

WOMEN & LIT TOPICS ENGL 345 3 CREDITS
 Prereq: ENGL 250
 Note: TOPIC: WOMEN SCIENCE FICTION WRITERS
 Meets U.S. diversity reqmt
 3324005 A1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3324010 A2 TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

AFRIC AM LIT STUDIE ENGL 347 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 3326005 A1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 TOPIC: BLACK SCIENCE FICTION
 3326010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM
 TOPIC: BLACK SCIENCE FICTION

RHETORICAL TRADITNS ENGL 350 3 CREDITS
 Prereq: ENGL 250
 8387005 A1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM
 MAJORS ONLY
 8387010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM
 8387015 B1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC B1 RESTRICTED TO CL ST, ENGL, SP CM
 MAJORS ONLY
 8387020 B2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC B2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM

GAY AND LESBIAN LIT ENGL 352 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 8705005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO ENGL & WGS MAJORS ONLY
 8705010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

WORLD LIT:1600-PRES ENGL 354 3 CREDITS
 Prereq: ENGL 250
 Note: Meets international perspectives reqmt
 3330005 A1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3330010 A2 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 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 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 5370010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

STU BRIT LIT:MIDL A ENGL 373 3 CREDITS
 Prereq: ENGL 250; SOPHOMORE CLASSIFICATION
 3342005 A1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3342010 A2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM

HIST OF CHILD'S LIT ENGL 393 3 CREDITS
 Prereq: ENGL 250
 8391600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ENGLISH (CONTINUED)

STDY&TRAVL LITERATU ENGL 395A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2020
 Meets international perspectives reqmt
 5081005 1 W 3:10-5:00
 MEETS: MARCH 9-MAY 8
 Note: PRE-TRAVEL FOR ITALY. MUST BE PART OF THE
 TRIESTE TRAVEL IN SUMMER 2020 GROUP.

TCH RDNG OF YNG LIT ENGL 396 3 CREDITS
 Prereq: ENGL 250
 3350005 A1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
 3350010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO EL ED MAJORS ONLY.

TEACHNG WRITING SEC ENGL 397 3 CREDITS
 Prereq: ENGL 219 OR ENGL 220; BEGIN APP PROCESS
 FOR ADMISSN TO UNIV TEACHER ED PROGRAM; INITIATE A
 STATE OF IA DEPT OF CRIMINAL INVESTIGATN BACKGROUND
 CHECK; CONCURRENT ENROLLMENT IN C I 280 (2 CR.).
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
 3381005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

BUSI&TECHNICAL EDIT ENGL 415 3 CREDITS
 Prereq: ENGL 302, ENGL 309, OR ENGL 314; JUNIOR
 CLASSIFICATION
 3358005 A1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3358010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

STUDNT TCH ENGL&LIT ENGL 417E VAR. CREDITS
 Prereq: ENGL 494, ADMISSION TO TEACHER EDUCATION,
 APPROVAL OF COORDINATOR SEMESTER PRIOR TO STUDENT
 TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 7786005 1 ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1 OFFERED FOR 8 CREDITS.
 7786010 2 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2 OFFERED FOR 8 CREDITS.
 7786015 3 ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 7786020 4 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 4 OFFERED FOR 8 CREDITS.
 7786025 5 ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 5 OFFERED FOR 8 CREDITS
 7786030 6 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 6 OFFERED FOR 8 CREDITS
 7786035 7 ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 7 OFFERED FOR 8 CREDITS
 7786040 8 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 8 OFFERED FOR 8 CREDITS
 7786045 9 ARRANGED
 MEETS: JAN 13-MARCH 6
 7786050 10 ARRANGED
 MEETS: MARCH 9-MAY 8

SEMNR ARGUMENTATION ENGL 418 3 CREDITS
 Prereq: ENGL 310; JUNIOR CLASSIFICATION
 2718005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

HIST OF ENGLISH LANG ENGL 420 3 CREDITS
 Prereq: ENGL/LING 219, ENGL/LING 220
 Note: NOT OPEN TO FRESHMEN OR SOPHOMORES
 3360005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

WOMEN,MEN&ENGL LANG ENGL 422 3 CREDITS
 Prereq: ENGL/LING 219
 Note: Meets U.S. diversity reqmt
 9533005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

2ND LANG LRNG&TCHNG ENGL 425 3 CREDITS
 Prereq: ENGL/LING 219, JUNIOR CLASSIFICATION
 9321005 1 MW 4:10-5:30
 MEETS: JAN 13-MAY 8

ENGLISH (CONTINUED)

SEM:LIT CROSS BOUND ENGL 445 3 CREDITS
 Prereq: COMPLETION OF 9 CREDITS OF SURVEYS;
 JUNIOR CLASSIFICATION
 5391005 1 M 3:10-6:30PM
 MEETS: JAN 13-MAY 8

SMNR LITERRY GENRES ENGL 450 3 CREDITS
 Prereq: COMPLETION OF 9 CREDITS OF SURVEYS;
 JUNIOR CLASSIFICATION
 5400005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

INTERN BUS,PRO COMM ENGL 487 1- 3 CREDITS
 Prereq: JUNIOR CLASSIF; PERMISSN OF COORDINATOR;
 9 CR IN ENGL 302, ENGL 309, ENGL 313, ENGL 314, ENGL
 415 (PREFERRED), ENGL 416, OR ENGL 477.
 Note: Department permission required.
 9099005 1 ARRANGED
 MEETS: JAN 13-MAY 8

IND STDY LITERATURE ENGL 490A VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
 TO LITERATURE, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU LINGUISTICS ENGL 490B VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
 TO LINGUISTICS, JR CLASSIFICATION, PERMISSION OF
 UNDERGRAD STUDIES COMMITTEE OR LINGUISTICS ADVISER
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY RHETORIC ENGL 490C VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
 TO RHETORIC, JR CLASSIFICATION, PERMISSION OF
 UNDERGRADUATE STUDIES COMMITTEE
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CRITICI LIT ENGL 490D VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
 TO CRITICISM & THEORY OF LIT, JR CLASSIFICATION,
 PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU INSTRUC MTH ENGL 490E VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
 TO INSTRUCTIONAL METHODS AND RESEARCH, JUNIOR
 CLASSIFICATION, PERMISSION OF UNDERGRAD STUDIES COMM
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CREATV WRIT ENGL 490F VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
 TO CREATIVE WRITING, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU BUS/TCH CMM ENGL 490G VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
 TO BUSINESS/TECHNICAL COMMUNICATION, JR CLASSIFICATN,
 PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ENGL 490H VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
 TO INDEP STUDY TOPIC CHOSEN, JUNIOR CLASSIFICATION,
 PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE,
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSTIY HONORS STUDENTS.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV CRTV WR WRKP MU ENGL 493 3 CREDITS
 Prereq: ENGL 304, ENGL 305, OR ENGL 306;
 JUNIOR CLASSIFICATION
 4591005 1 TR 12:40-2:20
 MEETS: JAN 13-MAY 8

ENGLISH (CONTINUED)

TEACH LIT SECONDARY ENGL 494 3 CREDITS
 Prereq: ENGL 310, ENGL 397, 9 OTHER CREDITS IN
 ENGL BEYOND ENGL 250, PSYCH 333, ADMISSION TO TEACHER
 EDUCATION PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 3379005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

INTRO TO RHET RSRCH ENGL 501 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN ENGLISH
 8090005 1 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8

UX ARCHITC&TEST CMM ENGL 505 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: COURSE RESTRICTED TO GRADUATE ENGL MAJORS.
 5103005 1 W 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Note: COURSE RESTRICTED TO GRADUATE ENGL MAJORS

2ND LANGUAGE ACQUIS ENGL 512 3 CREDITS
 Prereq: ENGL 511 OR AN INTRO COURSE IN
 LINGUISTICS
 3400005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: COURSE RESTRICTED TO GRADUATE ENGL MAJORS

LANGU ASSESS PRACTM ENGL 513 3 CREDITS
 Prereq: ENGL 519
 Note: RESTRICTED TO ENGL GRADS ONLY
 8728005 1 ARRANGED
 MEETS: JAN 13-MAY 8

MTHD FRML LING ANLY ENGL 516 3 CREDITS
 Prereq: ENGL 219/LING 219 OR EQUIVALENT
 2867005 1 MW 2:10-3:30
 MEETS: JAN 13-MAY 8

CORPUS LINGUISTICS ENGL 517X 3 CREDITS
 Prereq: ENGL 511 OR LING 511 OR AN INTRODUCTORY
 COURSE IN LINGUISTICS
 0470005 1 MW 11:00-12:20
 MEETS: JAN 13-MAY 8

2ND LANUAGE ASSESSM ENGL 519 3 CREDITS
 Prereq: ENGL/LING 511
 3402005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

AMERICN LIT TO 1865 ENGL 532 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR
 6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE
 Note: TOPIC: GOTHIC & ENVIRONMENT
 1244600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

PREP PUB THSIS CHPT ENGL 536X 3 CREDITS
 0248005 1 ARRANGED
 MEETS: JAN 13-MAY 8

DRAMA ENGL 540 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR
 6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE
 3409005 1 R 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 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 MEET ON CAMPUS
 MEETINGS OCCURRING ON 2/13, 2/20, 2/27, 3/26,
 4/2, 4/9

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 1 M 6:10-9:00PM
 MEETS: JAN 13-MAY 8

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 1 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Note: COURSE RESTRICTED TO GRADUATE ENGL MAJORS

TCHNG CREATV WRITNG ENGL 558 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7430005 1 W 6:10-9:00PM
 MEETS: JAN 13-MAY 8

ENGLISH (CONTINUED)

CRTV WRT TCHG INTRN ENGL 559 1- 3 CREDITS
 Prereq: PERMISSION OF PARTICIPATING INSTRUCTORS
 7431005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 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 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

TOPICS STDY OF FILM ENGL 562 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR 6 CREDITS IN
 FILM AT 300 LEVEL OR ABOVE
 9947005 1 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 TOPIC: FOUND FOOTAGE FILMS

GRANT WRITING ENGL 569 1 CREDIT
 Prereq: AT LEAST TWO PRIOR YEARS OF GRADUATE
 CLASSIFICATION.
 9980005 1 MW 10:00-10:50
 MEETS: JAN 13-MARCH 6
 Note: Instructor permission required.
 9980010 2 MW 11:00-11:50
 MEETS: JAN 13-MARCH 6
 Note: Instructor permission required.

INTERN BUS,PRO COMM ENGL 587 1- 3 CREDITS
 Prereq: 3 GRAD CREDITS IN BUSINESS AND TECHNICAL
 WRITING OR COMPOSITION AND RHETORIC, PERMISSION OF
 INSTRUCTOR. LIMITED TO MASTER'S AND DOCTORAL DEGREE
 CANDIDATES IN FIELD OF RHETORIC AND PRO COMMUNICATION
 Note: Instructor permission required.
 3425005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PRA TCH ENG 2ND LNG ENGL 588 3 CREDITS
 Prereq: 9 CREDITS TOWARD TESL/TEFL CERTIFICATE,
 15 CREDITS TOWARD TESL/AL MASTER'S DEGREE, OR
 18 CR COMPLETED TOWARD THE ESL ENDORSEMENT OPTION
 3426005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SUPV PRACT LIT EDIT ENGL 589 1- 3 CREDITS
 Prereq: ENGL 550 AND PERMISSION OF INSTRUCTOR
 7611005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

SPL TOP LITERATURE ENGL 590A VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TESL/LINGUI ENGL 590B VAR. CREDITS
 Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
 EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 1 TR 2:10-3:50
 MEETS: JAN 13-MAY 8
 Note: COURSE RESTRICTED TO GRADUATE ACCT MAJORS

CREATIVE COMPONENT ENGL 599 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGLISH (CONTINUED)

RSRCH MTH RHET:QNTV ENGL 602B 3 CREDITS
 Prereq: ENGL 501
 2965005 1 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8

SMNR RHETORC THEORY ENGL 611 3 CREDITS
 Prereq: ENGL 547 OR ENGL 548
 8395005 1 M 3:30-6:20PM
 MEETS: JAN 13-MAY 8

RSRCH MTHD APP LING ENGL 623 3 CREDITS
 Prereq: ENGL 511 OR LING 511
 6692005 1 MW 9:30-10:50
 MEETS: JAN 13-MAY 8

SMNR APPLD LINGUIST ENGL 630 3 CREDITS
 Prereq: ENGL/LING 510, ENGL/LING 511
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.
 4758005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC 1 TOPIC: INTELLIGIBILITY
 4758010 2 T 3:40-6:40PM
 MEETS: JAN 13-MAY 8

RESEARCH ENGL 699 VAR. CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

INTRO TO INSECTS ENT 201 1 CREDIT
 5197005 1 ARRANGED
 MEETS: JAN 13-FEB 14
 Note: Course delivery is WWW

INSECTS AND SOCIETY ENT 211 2 CREDITS
 Prereq: ENT 201
 3441005 1 ARRANGED
 MEETS: FEB 17-MAY 8
 Note: Course delivery is WWW

INTRO FORENSIC SCI ENT 220 3 CREDITS
 6402005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

INSECTS &OUR HEALTH ENT 374 3 CREDITS
 Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES
 Note: Meets international perspectives reqmt
 3445005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

INSCTS&OUR HLTH LAB ENT 374L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN ENT 374
 6315005 1 W 9:00-11:50
 MEETS: JAN 13-MAY 8

FND ENTOMO&PEST MGT ENT 376 3 CREDITS
 Prereq: BIOL 101 OR BIOL 211
 Note: CREDIT FOR EITHER ENT 376 OR ENT 386, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 3446005 1 TR 12:40-1:30
 T 2:10-5:00
 MEETS: JAN 13-MAY 8

3446010 2 TR 12:40-1:30
 W 12:10-3:00
 MEETS: JAN 13-MAY 8

3446015 3 TR 12:40-1:30
 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8

3446020 4 TR 12:40-1:30
 R 2:10-5:00
 MEETS: JAN 13-MAY 8

PESTICIDES IN ENVIR ENT 450 3 CREDITS
 9834005 1 TR 9:30-10:45
 ARRANGED
 MEETS: JAN 13-MAY 8

MGT DIS&PEST TGRASS ENT 452 3 CREDITS
 Prereq: HORT 351
 5299005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

IND STU RESRCH/WORK ENT 490E 1- 3 CREDITS
 Prereq: 15 CR IN BIOL SCI, JR OR SR CLASSIF
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED
 TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LAB TEACHG ENT 490U 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES, JUNIOR
 OR SENIOR CLASSIFICATION. FOR STUDENTS REGISTERING TO
 BE UNDERGRADUATE LABORATORY ASSISTANTS.
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED
 TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY (CONTINUED)

PESTICIDES IN ENVIR ENT 550 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 8682005 1 TR 9:30-10:45
 ARRANGED
 MEETS: JAN 13-MAY 8

MGT DIS&PEST TGRASS ENT 552 3 CREDITS
 Prereq: HORT 351
 5316005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

INSECT PHYSIOLOGY ENT 555 4 CREDITS
 Prereq: ENT 370
 4042005 1 TR 12:40-2:00
 F 2:10-5:00
 MEETS: JAN 13-MAY 8

ADVANCED SYSTEMATICS ENT 568 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7125005 1 ARRANGED
 MEETS: JAN 13-MAY 8

MEDICAL ENTOMOLOGY ENT 574 4 CREDITS
 Prereq: 9 CREDITS IN BIOLOGICAL SCIENCES
 3455005 1 TR 11:00-12:15
 W 9:00-11:50
 MEETS: JAN 13-MAY 8

SP TOP BIOL CONTROL ENT 590A 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP CHEM ECOLOGY ENT 590B 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECO&PEST MGT ENT 590C 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EVOL&SYSTEMAT 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 1 M 4:10-5:00
 MEETS: JAN 13-MAY 8

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

ENTREPRENEURSHIP

ENTREPRENRSH&INNOV ENTSP 310 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH, JRS, SRS, & SPECIALS,
 NOT OPEN TO P BUS OR GRADUATE STUDENT WITHOUT
 PERMISSION FROM 1200 GERDIN
 0020005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 0020010 2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 0020015 3 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 0020020 4 T 6:40-9:25PM
 MEETS: JAN 13-MAY 8
 0020025 5 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

ENTREPRENEURSHIP (CONTINUED)

ENTREPRENRSH&INNOV ENTSP 310 3 CREDITS
 0020030 6 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

FEASIB ANLY&BUS PLN ENTSP 313 3 CREDITS
 Prereq: MGMT 310
 Note: COURSE RESTRICTED TO SOPH, JRS, SRS, & SPECIALS
 NOT OPEN TO P BUS OR GRADUATE STUDENT WITHOUT
 PERMISSION FROM 1200 GERDIN
 0021005 1 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8
 0021010 2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

INT'L ENTREPRENRSH ENTSP 367 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE INCLUDES A REQUIRED STUDY ABROADSPECIALS
 TRIP TO ITALY DURING SPRING BREAK 2019.ITHOUT
 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.
 Meets international perspectives reqmt
 Department permission required.
 0022005 1 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

SOCIAL ENTREPRNRSH ENTSP 410 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: SEC A1 RESTRICTED ACCT, ACSCI, BUS S, BUS U,S
 BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS.
 SEC A2 FOR COLLEGES OTHER THAN BUS COLLEGE
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN
 0023005 A1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8
 0023010 A2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

SM BUS FIN DECISNS ENTSP 431X 3 CREDITS
 Prereq: FIN 301
 Note: COURSE RESTRICTED TO BUSINESS COLLEGE
 UNDERGRADS EXCEPT P BUS
 0409005 1 M 6:40-9:25PM
 MEETS: JAN 13-MAY 8

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 1 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

TOPCS ENTREPR RSRCH ENTSP 607X 3 CREDITS
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 0016005 1 T 1:10-4:00
 MEETS: JAN 13-MAY 8

ENVIRONMENTAL SCIENCE

EXPLOR ENVIRONM SCI ENSCI 203 1 CREDIT
 Prereq: ENSCI 202
 Note: COURSE RESTRICTED TO ENSCA & ENSCS MAJORS ONLY
 Satisfactory-Fail Only.
 9529005 1 R 12:40-2:00 HALL S
 MEETS: JAN 13-MAY 8

BIOL PROC IN ENVIRN ENSCI 251 3 CREDITS
 9536005 1A MWF 10:00-10:50 BIEDERMAN L
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
 9536010 1B MWF 10:00-10:50 BIEDERMAN L
 MEETS: JAN 13-MAY 8
 9536015 1C MWF 10:00-10:50 BIEDERMAN L
 MEETS: JAN 13-MAY 8
 Note: SEC 1C RESTRICTED TO A E, BSE MAJORS ONLY

ENERGY &THE ENVIRON ENSCI 324 3 CREDITS
 Prereq: CHEM 163 OR CHEM 177, MATH 140
 4865005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 4865600 XW ARRANGED WOOD A
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

NAT RES PHOTGRM&GIS ENSCI 345 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 3031005 1 TR 8:00-8:50 WOLTER P
 R 2:10-5:00 WOLTER P
 MEETS: JAN 13-MAY 8

ENVIRONMENTAL SCIENCE (CONTINUED)

ENVIRONMENTAL SCIENCE (CONTINUED)

ENVIRN SOIL SCIENCE ENSCI 360 3 CREDITS
 Prereq: AGRON 182 (OR EQUIVALENT) OR ENSCI 250 OR GEOL 201
 1924005 1 MW 9:00-9:50
 M 1:10-3:00
 MEETS: JAN 13-MAY 8
 1924010 2 MW 9:00-9:50
 M 3:10-5:00
 MEETS: JAN 13-MAY 8
 1924015 3 MW 9:00-9:50
 W 1:10-3:00
 MEETS: JAN 13-MAY 8
 1924020 4 MW 9:00-9:50
 W 3:10-5:00
 MEETS: JAN 13-MAY 8

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 1 ARRANGED LU C
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.
 4002010 2 ARRANGED LU C
 MEETS: JAN 13-MAY 8
 4002015 3 ARRANGED LU C
 MEETS: JAN 13-MAY 8

ANALYS ENVIRON SYST ENSCI 382 3 CREDITS
 Prereq: ENSCI 381
 Note: SECTIONS 1A,2A,ETC. RESTRICTED TO ENSCA, ENSCS MAJORS ONLY. SECTIONS 1B,2B,ETC. RESTRICTED TO MAJORS OTHER THAN ENSCA, ENSCS.
 4810005 1A ARRANGED WANAMAKER A
 TR 11:00-1:00 WANAMAKER A
 MEETS: JAN 13-MAY 8
 4810010 1B ARRANGED WANAMAKER A
 TR 11:00-1:00 WANAMAKER A
 MEETS: JAN 13-MAY 8
 4810015 2A ARRANGED, TR 1:10-3:00 WANAMAKER A
 MEETS: JAN 13-MAY 8
 4810020 2B ARRANGED, TR 1:10-3:00 WANAMAKER A
 MEETS: JAN 13-MAY 8
 4810025 3A ARRANGED, TR 3:10-5:00 WANAMAKER A
 MEETS: JAN 13-MAY 8
 4810030 3B ARRANGED, TR 3:10-5:00 WANAMAKER A
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
 7124010 1B TR 9:30-10:50 CASTELLANO M
 MEETS: JAN 13-MAY 8

INTERNSHIP ENVI SCI ENSCI 390 VAR. CREDITS
 Prereq: APPROVAL OF THE ENVIR SCIENCE COORDINATOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPRENTICESHIP ENSCI 391 VAR. CREDITS
 Prereq: APPROVAL OF THE ENVIR SCIENCE COORDINATOR
 Note: Permission of coordinator required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENSCI 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING, JUNIOR STANDING
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR ENSCA, ENSCS AND GE AT MAJORS ONLY
 3386005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 2830010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 13-MAY 8

APP GRNDWTR FLW MOD ENSCI 414 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 3068005 1 TR 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$50.00

GIS FOR GEOSCIENTST ENSCI 452 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3093005 1 MW 3:10-4:00
 F 3:10-4:00
 MW 4:10-5:00
 MEETS: JAN 13-MAY 8

SOIL FORMATN&LANDSC ENSCI 463 3 CREDITS
 Prereq: AGRON 182 (OR EQUIVALENT) OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 1935005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 1935015 2 ARRANGED
 MEETS: JAN 13-MAY 8

ECOSYSTEM ECOLOGY ENSCI 484 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOL AND CHEM
 8720005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM I, COM S, DY S, FOR, GEN, GEN S, MICRO, PBPMI, P VET MAJORS ONLY
 8720010 2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY ENSCI 490 VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, APPROVAL OF ENVIRONMENTAL SCIENCE COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY ENSCI 490H VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, APPROVAL OF ENVIRONMENTAL SCIENCE COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN ENSCI 498 R CREDIT
 Prereq: PERMISSION OF ENSCI COORDINATOR
 6276005 1 ARRANGED
 MEETS: JAN 13-MAY 8

GLOBAL CHANGE ENSCI 504 3 CREDITS
 Prereq: 4 COURSES IN PHYSICL OR BIOL SCI OR ENGR; JUNIOR, SENIOR, OR GRAD STANDING
 4428005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 3868010 2 TR 9:30-10:50
 T 12:10-3:00
 MEETS: JAN 13-MAY 8

APP GRNDWTR FLW MOD ENSCI 514 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 3120005 1 TR 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$50.00

WTR POLL CNTRL PROC ENSCI 522 3 CREDITS
 Prereq: C E 521
 4517005 1 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

GIS FOR GEOSCIENTST ENSCI 552 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3217005 1 MW 3:10-4:00
 F 3:10-4:00
 MW 4:10-5:00
 MEETS: JAN 13-MAY 8

SOIL-PLANT RELATION ENSCI 553 3 CREDITS
 Prereq: AGRON 354
 6258005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

SOIL FORMATN&LANDSC ENSCI 563 4 CREDITS
 Prereq: AGRON 154 OR AGRON 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 563 OR IA LL/AGRON/ENSCI 563I BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 3244005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 3244015 2 ARRANGED
 MEETS: JAN 13-MAY 8

MODELI AQUATC ENVIR ENSCI 572 3 CREDITS
 Prereq: C E 372
 4572005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

SOIL PHYSICS ENSCI 577 3 CREDITS
 Prereq: RECOMMENDED: AGRON 154 AND MATH 166
 7360005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

ENVIRONMENTAL SCIENCE (CONTINUED)

LAB MTHD SOIL PHYSC ENSCI 578 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN ENSCI 577
 7362005 1 M 1:10-4:00
 MEETS: JAN 13-MAY 8

ANALYS ENVIRNM SYST ENSCI 582 3 CREDITS
 Prereq: ENSCI 581
 6285005 1 ARRANGED
 TR 11:00-1:00
 MEETS: JAN 13-MAY 8

6285010 2 ARRANGED, TR 1:10-3:00
 MEETS: JAN 13-MAY 8

6285015 3 ARRANGED, TR 3:10-5:00
 MEETS: JAN 13-MAY 8

ECOSYSTEM SCIENCE ENSCI 584 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOLOGY AND CHEM
 5036005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS ENSCI 590 VAR. CREDITS
 Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL
 SCIENCE FACULTY
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIGITL SOIL MAPPING ENSCI 665X 3 CREDITS
 0391005 1 TR 4:10-5:30
 MEETS: JAN 13-MAY 8

SEMINAR ENVIRON SCI ENSCI 698 1- 3 CREDITS
 3117005 1 M 4:10-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1 IS REQUIRED ENSCI SEMINAR.

3117010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECTION 2 TOPIC: STABLE ISOTOPE APPLICATIONS IN
 ECOLOGY, EVOLUTION, AND ORGANISMAL BIOLOGY.

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

ENVIRONMENTAL STUDIES

ENVIRONMNTL GEOLOGY ENV S 101 3 CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS ONLY SPRING
 2020
 3418005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

GEOLOGICL DISASTERS ENV S 111 1 CREDIT
 9170005 1 TR 9:30-10:20
 MEETS: MARCH 9-MAY 8

INTR RENEW RESOURCS ENV S 120 3 CREDITS
 5141005 1 MWF 12:10-1:00 SCHIELTZ J
 MEETS: JAN 13-MAY 8

NAT RESOURCES &AGRI ENV S 130 3 CREDITS
 2836005 1 MWF 9:00-9:50 ISENHART T
 MEETS: JAN 13-MAY 8

CLIMATE&SOCIETY LAB ENV S 140L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR/AGRON/
 ENV S/GEOL 140X OR INSTRUCTOR PERMISSION
 0285005 1 W 11:00-1:00
 MEETS: JAN 13-MAY 8

WORLD WATER RESOURC ENV S 160 3 CREDITS
 Note: Meets international perspectives reqmt
 6343005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

ENVIRONMNTL BIOLOGY ENV S 173 3 CREDITS
 2022600 XW ARRANGED PLEASANTS J
 MEETS: JAN 13-MAY 8
 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 1 TR 9:00-10:50
 MEETS: MARCH 9-MAY 8

GLOBAL SUSTAINABLT ENV S 220 3 CREDITS
 Note: T SC 220/ANTHR 220/ENV S 220/GLOBE 220/MAT E 220/
 M E 220/SOC 220 MAY NOT BE APPLIED AS TECHNICAL
 ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 3862005 1 MWF 11:00-11:50 HALLAM A
 MEETS: JAN 13-MAY 8

ECOFEMINISM ENV S 320 3 CREDITS
 Prereq: WGS 201 OR 3 CREDITS IN WGS AT THE
 300 LEVEL OR ABOVE
 Note: Meets U.S. diversity reqmt
 2865600 XW ARRANGED WIRTH D
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ENVIRONMENTAL STUDIES (CONTINUED)

ENERGY &THE ENVIRON ENV S 324 3 CREDITS
 Prereq: CHEM 163 OR CHEM 177, MATH 140
 Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD
 CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
 7863005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

7863600 XW ARRANGED WOOD A
 MEETS: JAN 13-MAY 8
 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
 1733015 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

1733020 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

1733025 3 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

1733030 4 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

POPULATION &SOCIETY ENV S 345 3 CREDITS
 Prereq: SOC 130 OR SOC 134
 Note: Meets international perspectives reqmt
 3462005 1 TR 2:10-3:30 DORIUS S
 MEETS: JAN 13-MAY 8

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 9:30-10:50
 MEETS: JAN 13-MAY 8

Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 5510010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

GLOBAL ENVIRON HIST ENV S 362 3 CREDITS
 Prereq: HIST 201 OR HIST 202 OR HIST 207 OR
 3 CREDITS OF ENV S: SOPHOMORE CLASSIFICATION
 2245005 1 TR 9:30-10:50 LOW M
 MEETS: JAN 13-MAY 8

ENERGY&ENVIRON ECON ENV S 380 3 CREDITS
 Prereq: ECON 101
 7578005 1 TR 12:40-2:00 WENINGER Q
 MEETS: JAN 13-MAY 8

ENVIRONMENTL SOCIO ENV S 382 3 CREDITS
 Prereq: SOC 130, SOC 134, OR 3 CREDITS OF ENV S
 Note: SEC A1,B1 RESTRICTED TO AG SO, SOC, P S A MAJORS
 SEC A2,B2 FOR MAJORS OTHER THAN AG SO, SOC, P S A
 7579005 A1 TR 8:00-9:20 BALAYAR R
 MEETS: JAN 13-MAY 8

7579010 A2 TR 8:00-9:20 BALAYAR R
 MEETS: JAN 13-MAY 8

ENVIRN POLIT&POLICI ENV S 383 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 7581005 1 MWF 2:10-3:00 ESTES K
 MEETS: JAN 13-MAY 8

RELIGION & ECOLOGY ENV S 384 3 CREDITS
 Note: Meets international perspectives reqmt
 2746005 1 MWF 1:10-2:00 CARAWAY R
 MEETS: JAN 13-MAY 8

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS
 Prereq: APPROVAL OF THE ENV S COORDINATOR
 Note: COURSE OFFERED FOR 1-4 CREDITS SPRING 2020
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENV S 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR ENSCA,
 ENSCS AND GE AT MAJORS ONLY
 8673005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8

5143010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 13-MAY 8

CONTRV NAT RSRC MGT ENV S 460 3 CREDITS
 Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND
 JUNIOR CLASSIFICATION
 2880005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

2880010 2 MW 11:00-12:20
 MEETS: JAN 13-MAY 8

ENVIRONMENTAL STUDIES (CONTINUED)

SUSTAINABLE COMMUNT ENV S 484 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 7275005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY ENV S 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF
 ENV S COORDINATOR
 Note: COURSE OFFERED FOR 1-3 CREDITS SPRING 2020
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN ENV S 491 3 CREDITS
 Prereq: 6 CREDITS IN NATURAL SCIENCES
 3478005 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

EVENT MANAGEMENT

EVNT SOPH MENTORSHP EVENT 203X 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION; AESHM 113;
 EVENT 271; BY APPLICATION ONLY
 0258005 1 T 1:10-2:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

INTRO EVENT MANAGMT EVENT 271 3 CREDITS
 6726005 1A TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 6726010 1B TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 6726015 1C TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1C FOR MAJORS OTHER THAN A M D, EVENT, HRI,
 HSP M

INTRO DIGITAL PROMO EVENT 277 3 CREDITS
 Prereq: EVENT 271
 7588005 1A TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 7588010 1B TR 3:40-5:00
 MEETS: JAN 13-MAY 8

CONTPRARY CLUB MGT EVENT 289 3 CREDITS
 Prereq: HSP M 101
 1429005 1 MW 3:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO EVENT, HSP M MAJORS ONLY
 Field trips & travel fee \$75.00
 1429010 2 MW 3:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO EVENT MAJORS ONLY
 Field trips & travel fee \$75.00

AMUSEMNT PARK ADMIN EVENT 320 3 CREDITS
 Prereq: HRI 101 OR PERMISSION OF INSTRUCTOR
 2041005 1A MW 2:10-3:30
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M
 MAJORS ONLY
 2041010 1B MW 2:10-3:30
 MEETS: JAN 13-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI,
 HSP M.

ENTERTNMT VENUE MGT EVENT 333 3 CREDITS
 Prereq: EVENT 271 OR EQUIVALENT
 Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
 9397005 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$95.00

EVENT SALES EVENT 367 3 CREDITS
 Prereq: EVENT 271, AESHM 340
 7589005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

CONFRNC&MTG PLANNNG EVENT 371 3 CREDITS
 Prereq: EVENT 271 AND JUNIOR STANDING
 1350005 1A MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY
 1350010 1B MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1B RESTRICTED TO A M D, HRI, HSP M MAJORS
 ONLY
 1350015 1C MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1C FOR MAJORS OTHER THAN A M D, EVENT,
 HRI, HSP M

WEDDING PLANNG &MGT EVENT 373 3 CREDITS
 Prereq: EVENT 371, EVENT MANAGEMENT MAJOR
 Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
 8128005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

EVENT MANAGEMENT (CONTINUED)

SUSTAINBL EVENT MGT EVENT 378 3 CREDITS
 Prereq: EVENT 271, CLASSIFICATN AS AN EVENT MAJOR
 9933005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

INTL MTG&CNFRNC MGT EVENT 423 3 CREDITS
 Prereq: EVENT 271, EVENT 371
 4099005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

SPECIAL EVENTS COORD EVENT 471 3 CREDITS
 Prereq: EVENT 371; JUNIOR STANDING; PERMISSION
 OF INSTRUCTOR
 6904005 1A MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY.
 6904010 1B MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

EVENT MGT PRODUCTN EVENT 485 3 CREDITS
 Prereq: EVENT 471; CLASSIFICATION AS AN EVENT
 MANAGEMENT MAJOR; APPLICATION AND INSTRUCTOR PERMISSN
 7591005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

ADV EVNT PRODUCTION EVENT 486X 3 CREDITS
 Prereq: AESHM 113, EVENT 271, AND EVENT 371
 0199005 1 T 9:00-11:50
 MEETS: JAN 13-MAY 8

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

IND STDY SPCL EVNTS EVENT 490C VAR. CREDITS
 Prereq: APPROVAL OF PROGRAM COORDINATOR
 Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND
 EVENT 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY EVENT MGT EVENT 490D VAR. CREDITS
 Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND
 EVENT 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FAMILY&CONSUMER SCIENCES ED&STUDIES

PLAN&ASESMT FMLY ED FCEDS 413 4 CREDITS
 Prereq: FCEDS 306
 3985005 1 TR 2:10-4:50
 MEETS: JAN 13-MAY 8

SUPR TCHG VOC FAMLY FCEDS 417A 3- 8 CREDITS
 Prereq: FCEDS 413, 24 CR IN FAMILY & CONSUMER
 SCI SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO
 TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 OFFERED FOR 8 CREDITS
 3987005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SUPV TCHG FAMLY SCI FCEDS 417B 3- 8 CREDITS
 Prereq: FCEDS 413, 24 CR IN FAMILY & CONSUMER
 SCI SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO
 TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 OFFERED FOR 3-8 CREDITS
 3988005 1 ARRANGED
 MEETS: JAN 13-MAY 8

FOUND CAREER&TEC ED FCEDS 418 3 CREDITS
 Prereq: ADMISSION TO TEACHER EDUCATION,
 CREDIT OR CONCURRENT ENROLLMENT IN FCEDS 413
 3980600 XW ARRANGED VANWAARDHUIZEN L
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

PRE-TCHG PRCTCM:LAB FCEDS 480A 1 CREDIT
 Prereq: FCEDS 306, ADMISSION TO TEACHER EDUCATION
 Note: RESTRICTED TO STUDENTS WITH ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 9460005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PRE-TCHG PRA:DV SET FCEDS 480B 1 CREDIT
 Prereq: FCEDS 306, ADMISSION TO TEACHER EDUCATION
 Note: RESTRICTED TO STUDENTS WITH ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 9484005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

FINANCE

PRINCIPL OF FINANCE FIN 301 3 CREDITS
 Prereq: ACCT 284, ECON 101, STAT 226
 Note: SEC 1,2,3,4,5,4,8,9 RESTRICTED TO BUSINESS
 COLLEGE AG B, AN S & DY S UNDERGRAD MAJORS. SEC
 7 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 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

3689010 2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

3689015 3 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

3689020 4 MW 5:10-6:25PM
 MEETS: JAN 13-MAY 8

3689025 5 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

3689030 6 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

3689035 7 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

Note: SEC 7 FOR ALL OTHER COLLEGES OTHER THAN BUS &
 AG B, AN S & DY S ALSO NOT OPEN TO P BUS MAJORS

3689040 8 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

3689045 9 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

CORPORATE FINANCE FIN 310 3 CREDITS
 Prereq: FIN 301
 Note: SEC A1,B1,ETC RESTRICTED TO FINANCE MAJORS.
 SEC A2,B2,ETC FOR BUSINESS MAJORS ONLY. NOT OPEN
 TO P BUS MAJORS. GRADUATE STUDENTS SEE 1200
 GERDIN FOR PERMISSION.

3691005 A1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

3691010 A2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

3691015 B1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

3691020 B2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

3691025 C1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

3691030 C2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

3691035 D1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

3691040 D2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

INVESTMENTS FIN 320 3 CREDITS
 Prereq: FIN 301
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY.
 SEC A2,B2,ETC FOR ACCT, ACSCI, BUS S, BUS U, I BUS,
 BUSEC, ENTSP, MGMT, MIS, MKT, SCM MAJORS ONLY.

3692005 A1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

3692010 A2 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

3692015 B1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

3692020 B2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

3692025 C1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

3692030 C2 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

3692035 D1 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

3692040 D2 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

FINANCE (CONTINUED)

FINAN MKTS&INSTITUT FIN 330 3 CREDITS
 Prereq: FIN 301
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY.
 SEC A2,B2,ETC RESTRICTED TO BUS MAJORS EXCEPT FIN,
 P BUS. GRADUATE STUDENTS SEE 1200 GERDIN FOR
 PERMISSION.

6829005 A1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

6829010 A2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

6829015 B1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

6829020 B2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

3693010 A2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

Note: SEC A2 IS RESTRICTED TO F C P MAJORS ONLY.

3693015 B1 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

Note: SEC B1 RESTRICTED TO FIN MAJORS ONLY

3693025 B2 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

Note: SEC B2 IS RESTRICTED TO F C P MAJORS ONLY.

REAL ESTATE PRINCIP FIN 371 3 CREDITS
 Prereq: ECON 101
 Note: SEC A1 ETC RESTRICTED TO FIN MAJORS ONLY.
 SEC A2 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 13-MAY 8

3690010 A2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

BUS FINANCG DECISNS FIN 415 3 CREDITS
 Prereq: FIN 301
 Note: NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION
 1200 GERDIN.

3698005 A1 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY.

3698010 A2 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

Note: SEC A2 FOR BUSINESS COLLEGE MAJORS OTHER THAN
 FIN OR P BUS

FIN FUTURES&OPTIONS FIN 424 3 CREDITS
 Prereq: FIN 320 AND STAT 326
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

3697005 A1 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

3697010 A2 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

3697015 B1 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

Note: SEC B1 RESTRICTED TO FIN MAJORS ONLY

3697020 B2 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

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

7201005 1 W 6:40-9:25PM
 MEETS: JAN 13-MAY 8

Note: SEE 2330 GERDIN - FINANCE DEPT FOR AN APPLICATION
 Instructor permission required.

SM BUS FIN DECISNS FIN 431X 3 CREDITS
 Prereq: FIN 301
 Note: COURSE RESTRICTED TO BUSINESS COLLEGE
 UNDERGRADS EXCEPT P BUS

0408005 1 M 6:40-9:25PM
 MEETS: JAN 13-MAY 8

VENTURE CAPTL, MERGR FIN 435 3 CREDITS
 Prereq: FIN 310, FIN 320, STAT 326
 Note: COURSE RESTRICTED TO AG B, FIN UNDERGRADS
 ONLY

8935005 1 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

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 13-MAY 8

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

3696010 A2 T 6:40-9:25PM
 MEETS: JAN 13-MAY 8

Note: SEC A2 FOR BUSINESS MAJORS OTHER THAN
 FIN OR P BUS

FINANCE (CONTINUED)

FINANCE (CONTINUED)

ANALYTICAL FINANCE FIN 450 3 CREDITS
 Prereq: STAT 326, ECON 301 OR FIN 301
 8455005 A1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO UNDERGRADS EXCEPT P BUS.
 8455010 A2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO FIN GRADS ONLY

PREDICT ANALYTIC FIN FIN 455X 3 CREDITS
 Prereq: FIN 301, STAT 326
 Note: COURSE RESTRICTED TO COLLEGE OF BUS UNDERGRADS EXCEPT P BUS.
 0346005 1 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

FINANCIAL MODELING FIN 456X 3 CREDITS
 Prereq: ACCT 285, FIN 301 AND STAT 326
 Note: COURSE RESTRICTED TO AG B & UNDERGRAD BUS COLLEGE MAJORS EXCEPT P BUS.
 0440005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

CORPOR RISK MGT&INS FIN 462 3 CREDITS
 Prereq: FIN 301 AND STAT 326
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 9268005 A1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY
 9268010 A2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR BUSINESS MAJORS OTHER THAN FIN, P BUS
 9268015 B1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC B1 RESTRICTED TO FIN MAJORS ONLY
 9268020 B2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC B2 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 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY.
 4555010 A2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

REAL ESTATE INVESTM FIN 474 3 CREDITS
 Prereq: FIN 301, FIN 371
 Note: COURSE RESTRICTED TO AG B & UNDERGRAD BUS COLLEGE MAJORS EXCEPT P BUS.
 9641005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

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 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 5131010 2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

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

FIN VALU&CORP DECIS FIN 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 9124005 1 MW 7:30-10:50
 MEETS: JAN 13 FEB 21
 9124600 XA MW 5:50-9:10PM
 MEETS: JAN 13-FEB 19
 Note: Department permission required.
 Section XA is off campus
 Course delivery is WWW

CASE STU FIN DECISN FIN 515 3 CREDITS
 Prereq: FIN 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7163005 1 T 6:40-10:00PM
 MEETS: JAN 14-APRIL 7

INVESTMENTS FIN 520 3 CREDITS
 Prereq: FIN 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 3704005 1 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

VENTURE CAP, PRIV EQ FIN 535 3 CREDITS
 Prereq: FIN 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2278005 1 S 8:30-11:50
 MEETS: JAN 18-APRIL 11

ANLYTC IN FIN&INSUR FIN 541X 3 CREDITS
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 0421005 1 M 6:40-10:00PM
 MEETS: JAN 13-MAY 8

FINANCL ECONMETRICS FIN 550 3 CREDITS
 Prereq: FIN 501, ECON 571
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1597005 1 W 6:40-10:00PM
 MEETS: JAN 15-APRIL 8

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

FOOD SCIENCE & HUMAN NUTRITION

FOOD & THE CONSUMER FS HN 101 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR 3 CREDITS EACH OF BIOLOGY AND CHEMISTRY
 3659005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

SPORT PRFRMC NUTRIT FS HN 102 1 CREDIT
 1873005 1 TR 11:00-11:50
 MEETS: MARCH 9-MAY 8

INTRO CULINRY SKLLS FS HN 104 1 CREDIT
 Note: COURSE RESTRICTED TO CUSFA, CUSFH MAJORS ONLY
 8416005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PROFESSNL&EDUC PREP FS HN 110 1 CREDIT
 Satisfactory-Fail Only.
 3661005 1 TR 2:10-3:00
 MEETS: JAN 13-MARCH 6

FUND OF FOOD PREPAR FS HN 111 2 CREDITS
 Prereq: FS HN 101 OR FS HN 167; HIGH SCHOOL CHEMISTRY OR CHEM 160; CONCURRENT ENROLLMENT IN FS HN 115.
 Note: COURSE RESTRICTED TO EVENT, HRI, HSP M, FCEDS, NS A AND NS H MAJORS ONLY
 3602005 1 MW 9:00-9:50
 MEETS: JAN 13-MAY 8

FOOD PREPARATN LAB FS HN 115 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 111 OR FS HN 214
 Note: COURSE RESTRICTED TO CUSFA, CUSFH, DIETA, DIETH, EVENT, FCEDS, FS A, FS H, HRI, HSP M, PDEXA, PDEXH NS A, NS H, P DTH, P DTA MAJORS ONLY
 2922005 1 M 2:10-5:00
 MEETS: JAN 13-MAY 8
 2922010 2 T 9:00-11:50
 MEETS: JAN 13-MAY 8
 2922015 3 T 1:10-4:00
 MEETS: JAN 13-MAY 8

INTRO HUMAN NUTRITN FS HN 167 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
 3600005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 3600600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ISSU FOOD SCI&NUTRI FS HN 203 1 CREDIT
 8685005 1 W 12:10-1:00
 MEETS: JAN 13-MAY 8
 8685010 2 R 8:00-8:50
 MEETS: JAN 13-MAY 8
 8685015 3 F 12:10-1:00
 MEETS: JAN 13-MAY 8

PRCSS FD: BASIC PRIN FS HN 207 2 CREDITS
 Prereq: FS HN 101
 4102005 1 M 12:10-1:00
 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 4102010 2 M 12:10-1:00
 W 1:10-4:00
 MEETS: JAN 13-MAY 8

SCIENTIF STUDY FOOD FS HN 214 3 CREDITS
 Prereq: FS HN 167 OR FS HN 265; CHEM 231 OR CHEM 331. CONCURRENT ENROLLMENT IN FS HN 115 OR FS HN 215 REQUIRED.
 3603005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

ADV FOOD PREPAR LAB FS HN 215 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN FS HN 214
 Note: COURSE RESTRICTED TO CUFSA, CUFSH, DIETA, DIETH,
 FS A, FS H NS A, NS H, PDEXA, PDEXH, P DTH, P DTA
 MAJORS ONLY
 2928005 1 TR 9:00-11:50
 MEETS: JAN 13-MAY 8

THE U.S. FOOD SYSTM FS HN 242 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2950005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

NUTRI ACTIV LIFSTYL FS HN 265 3 CREDITS
 Prereq: FS HN 167; FS HN 264 OR CREDIT OR
 ENROLLMENT IN BBMB 301
 6232005 1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

UNDERSTAND WINE SCI FS HN 276 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY
 2031005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

DAIRY PRODUCTS ISSU FS HN 308 3 CREDITS
 2288005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

FND CULNRY FOOD SCI FS HN 314 1 CREDIT
 8446005 1 M 2:10-3:00
 MEETS: JAN 13-MAY 8

WORLD FOOD ISSUES FS HN 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 1923015 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 1923020 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 1923025 3 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 1923030 4 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

INTR FOOD ENGR CNCP FS HN 351 3 CREDITS
 Prereq: MATH 160 OR EQUIVALENT, PHYS 111 OR
 EQUIVALENT, FS HN 207 OR PERMISSION OF INSTRUCTOR
 7085005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

NUTRI&HEALTH ASESMT FS HN 361 2 CREDITS
 Prereq: FS HN 265; 3 CREDITS IN STATISTICS; 3
 CREDITS IN PHYSIOLOGY RECOMMENDED
 Note: COURSE RESTRICTED TO DIETA, DIETH, NS A. NS H,
 PDEXA, PDEXH MAJORS ONLY
 3608005 1 M 3:10-4:00
 R 1:10-4:00
 MEETS: JAN 13-MAY 8
 3608010 2 M 3:10-4:00
 R 9:30-12:20
 MEETS: JAN 13-MAY 8

NUTRIT GROWTH & DEV FS HN 362 3 CREDITS
 Prereq: FS HN 360; CREDIT OR ENROLLMENT IN A
 COURSE IN PHYSIOLOGY
 7271005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

OBESITY &WEIGHT MGT FS HN 365 3 CREDITS
 Prereq: BIOL 256 AND BIOL 256L, OR BIOL 306; OR
 ACCEPTED INTO NURSING MAJOR
 2978005 1 T 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 8

COMMUNCT NUTRI MSGS FS HN 366 3 CREDITS
 Prereq: FS HN 264 OR FS HN 265
 1553005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

MED TERMNOL FOR PRO FS HN 367 1 CREDIT
 9487005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 9487605 XW ARRANGED WOLFF M
 MEETS: JAN 13-MAY 8
 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
 MEETS: JAN 13-MAY 8

FOOD QUAL ASSURANCE FS HN 405 2 CREDITS
 Prereq: FS HN 214 OR FS HN 311; STAT 101 OR
 STAT 104
 3667005 1 MF 1:10-2:00
 MEETS: JAN 13-MAY 8

SAFTY FOOD FROM ANI FS HN 407 3 CREDITS
 Prereq: MICRO 420
 1882005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

DAIRY PRODUCTS EVAL FS HN 408 1 CREDIT
 9517005 1 ARRANGED
 MEETS: JAN 13-MAY 8

FOOD INGRED INTERAC FS HN 411 2 CREDITS
 Prereq: FS HN 214 OR FS HN 311 AND FS HN 115,
 FS HN 215 OR FS HN 311L.
 3613005 1 M 8:00-8:50
 F 9:00-11:50
 MEETS: JAN 13-MAY 8
 3613010 2 M 8:00-8:50
 M 9:00-11:50
 MEETS: JAN 13-MAY 8
 3613015 3 M 8:00-8:50
 M 2:10-5:00
 MEETS: JAN 13-MAY 8

FOOD PRODUCT DEVELP FS HN 412 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411; SENIOR
 CLASSIFICATION
 3618005 1 T 1:10-2:00
 TR 2:10-5:00
 MEETS: JAN 13-MAY 8
 3618010 2 T 1:10-2:00
 TR 2:10-5:00
 MEETS: JAN 13-MAY 8

FOOD MICROBIOL LAB FS HN 421 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302; MICRO 201L OR
 MICRO 302L. CREDIT OR ENROLLMENT IN FS HN/MICRO 420
 7208005 1 TR 9:30-11:30
 F 2:10-4:00
 MEETS: JAN 13-MAY 8

U.S.HEALTH SYS&PLCY FS HN 430X 2 CREDITS
 Prereq: SENIOR OR GRAD CLASSIFICATION, OR
 PERMISSION OF INSTRUCTOR
 0353005 1 MW 1:10-2:00
 MEETS: JAN 13-MAY 8

ANALYSIS FOOD MRKTS FS HN 435 3 CREDITS
 0503005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 CRESPI J

MED NUTRI&DISEAS II FS HN 464 3 CREDITS
 Prereq: FS HN 461
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2020.
 4599005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

NUTR COUNS&ED METHD FS HN 466 3 CREDITS
 Prereq: FS HN 361 AND FS HN 362
 3616005 1 M 9:00-10:40
 W 9:00-10:40
 MEETS: JAN 13-MAY 8

MOLEC NU&DISEAS PRV FS HN 467 3 CREDITS
 Prereq: FS HN 360 OR EQUIVALENT
 3014005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

PRO COMM FD SC&NUTR FS HN 480 1 CREDIT
 Prereq: FS HN 203, SENIOR CLASSIFICATION IN THE
 DEPARTMENT
 3611005 1 T 11:00-11:50
 MEETS: JAN 13-MAY 8
 3611010 2 F 12:10-1:00
 MEETS: JAN 13-MAY 8
 3611015 3 R 11:00-11:50
 MEETS: JAN 13-MAY 8

ISSUES FOOD SAFETY FS HN 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR
 FS HN 272 OR HSP M 233; FS HN 419 OR FS HN 420;
 FS HN 403
 8347005 1 M 2:10-3:00
 MEETS: JAN 13-MAY 8

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

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

INDEP STDY FOOD SCI FS HN 490B 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY NUTRITION FS HN 490C 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INT'L EXP FS HN 490D 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY ENTREPREN FS HN 490E 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS FS HN 490H 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY
 HONORS STUDENTS.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK DIETETICS FS HN 491A 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE
 APPLIED TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK FOOD SCI FS HN 491B 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE
 APPLIED TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK NUTRITION FS HN 491C 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE
 APPLIED TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK CULINARY FS HN 491D 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 4 CREDITS OF FS HN 491 MAY BE
 APPLIED TOWARD GRADUATION
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM FS HN 495 2 CREDITS
 Prereq: SENIOR CLASSIFICATION IN NUTRITIONAL
 SCIENCE - NUTRITION AND WELLNESS OPTION OR PERMISSION
 OF INSTRUCTOR; FS HN 366; CREDIT OR ENROLLMENT IN
 FS HN 463
 Satisfactory-Fail Only.
 3048005 1 W 3:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8

TRAVEL - INTERNATNL FS HN 496A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 6295005 FR T 6:10-8:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC FR - PRE-DEPARTURE FOR SUMMER 2020 -
 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 13-MAY 8

UNDERGRAD RESEARCH FS HN 499 1- 6 CREDITS
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM
 STUDENT PROPOSES TO WORK
 Note: NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOOD QUAL ASSURANCE FS HN 505 2 CREDITS
 Prereq: FS HN 214 OR FS HN 311; STAT 101 OR
 STAT 104
 3337005 1 MF 1:10-2:00
 MEETS: JAN 13-MAY 8

SAFTY FOOD FROM ANI FS HN 507 3 CREDITS
 Prereq: MICRO 420
 2196005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

SENSORY EVALUA WINE FS HN 509 2 CREDITS
 Prereq: MUST BE AT LEAST 21 YEARS OF AGE;
 SENIOR CLASSIFICATION OR GRAD STATUS
 7630005 1 M 6:10-7:00PM
 M 7:10-9:00PM
 MEETS: JAN 13-MAY 8

FOOD PRODUCT DEVELP FS HN 512 3 CREDITS
 Prereq: FS HN 311 OR FS HN 411; SENIOR
 CLASSIFICATION
 5580005 1 T 1:10-2:00
 TR 2:10-5:00
 MEETS: JAN 13-MAY 8
 5580010 2 T 1:10-2:00
 TR 2:10-5:00
 MEETS: JAN 13-MAY 8

ADVNCN NUTRITION II FS HN 518 2 CREDITS
 4207600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ADV MICROBIO&BIOTCH FS HN 522 2 CREDITS
 2313005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

U.S.HEALTH SYS&PLCY FS HN 530X 2 CREDITS
 Prereq: SENIOR OR GRAD CLASSIFICATION, OR
 PERMISSION OF INSTRUCTOR
 0354005 1 MW 1:10-2:00
 MEETS: JAN 13-MAY 8

ADV MED NUTRI THRPY FS HN 538 3 CREDITS
 Prereq: ACCEPTANCE IN THE MASTER'S OF
 PROFESSIONAL PRACTICE IN DIETETICS PROGRAM
 4374600 XW ARRANGED CAMPBELL C
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INTRO DNA TECHNIQS FS HN 542A 1 CREDIT
 Satisfactory-Fail Only.
 7123005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTR PROTEIN TECHNQ FS HN 542B 1 CREDIT
 Satisfactory-Fail Only.
 7100005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTRO CELL TECHNIQS FS HN 542C 1 CREDIT
 Satisfactory-Fail Only.
 7130005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

DIETETC INTERNSHP I FS HN 554 5 CREDITS
 Prereq: FOR STUDENTS ENROLLED IN THE DIETETIC
 INTERNSHIP PROGRAM ONLY
 3050600 XW ARRANGED DATTA M
 MEETS: JAN 13-MAY 8
 Note: SECTION RESTRICTED TO DIETETIC INTERNS
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW

DIETETC INTERNSH II FS HN 555 5 CREDITS
 Prereq: CONCURRENT ENROLLMENT OR SUCCESSFUL
 COMPLETION OF FS HN 554
 3055600 XW ARRANGED DATTA M
 MEETS: JAN 13-MAY 8
 Note: SECTION RESTRICTED TO DIETETIC INTERNS
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW

NUTR COUNS&ED METHD FS HN 566 3 CREDITS
 Prereq: FS HN 361 AND FS HN 362
 2223005 1 M 9:00-10:40
 W 9:00-10:40
 MEETS: JAN 13-MAY 8

PROCESSED FOODS FS HN 575 3 CREDITS
 Prereq: FS HN 214 OR FS HN 311; A COURSE IN
 NUTRITION
 3642005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

SEMINAR FS HN 581 1 CREDIT
7974005 1 T 11:00-11:50
MEETS: JAN 13-MAY 8

SPCL TOPICS NUTRITN FS HN 590A 1- 3 CREDITS
Prereq: INSTRUCTOR PERMISSION
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FOOD SCI FS HN 590B 1- 3 CREDITS
Prereq: INSTRUCTOR PERMISSION
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING FS HN 590C 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

TRAVEL - INTERNATNL FS HN 596A 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt
6306005 FR T 6:10-8:00PM
MEETS: JAN 13-MAY 8
Note: SEC FR - PRE-DEPARTURE FOR SUMMER 2020 -
STUDY ABROAD TO FRANCE, PARIS - OFFERED FOR
1 CREDIT

NUTR ASPCTS ONCOLGY FS HN 597 3 CREDITS
Prereq: B.S. IN NUTRITION, DIETETICS, BIOLOGY,
OR RELATED DISCIPLINE
1198600 XV ARRANGED MACDONALD R
MEETS: JAN 13-MAY 8
Note: Section XV is off campus
Course delivery is WWW

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

ADV FD ANLYS&INSTRM FS HN 606 3 CREDITS
Prereq: FS HN 311; OR FS HN 410; OR FS HN 511 OR
EQUIVALENT
3649005 1 MW 9:00-9:50
M 10:00-12:50
MEETS: JAN 13-MAY 8

SEMINAR FS HN 681 1 CREDIT
3648005 1 W 4:10-5:00
MEETS: JAN 13-MAY 8

SEMINAR REFLECTION FS HN 682 R CREDIT
Satisfactory-Fail Only.
9178005 1 W 4:10-5:00
MEETS: JAN 13-MAY 8

SPECIAL PROBLEMS FS HN 690 VAR. CREDITS
Prereq: FS HN 502 OR FS HN 503 OR FS HN 504 OR FS
HN 553 OR FS HN 554
***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH FOOD SCI&TEC FS HN 699 VAR. CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

WOOD PROPERTIES &ID FOR 280 4 CREDITS
1420005 1 TR 9:30-10:50 STOKKE D
T 12:10-3:00 STOKKE D
MEETS: JAN 13-MAY 8

SPL PROB LEADERSHIP FOR 290A 1- 4 CREDITS
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB ECOSYS MGT FOR 290B 1- 4 CREDITS
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
***** SEE DEPT FOR REFERENCE NUMBERS

SPL PRB RESRC CNSRV FOR 290C 1- 4 CREDITS
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB URB&COMMUN FOR 290D 1- 4 CREDITS
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB WOOD SCIEN FOR 290E 1- 4 CREDITS
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
***** SEE DEPT FOR REFERENCE NUMBERS

SILVICULTURE FOR 302 4 CREDITS
Prereq: FOR 201, FOR 356, NREM 301
Note: SOME WEDNESDAY LABS MAY BE MOVED TO SATURDAY,
WEATHER PERMITTING.
3718005 1 MWF 12:10-1:00 CURZON M
W 2:10-6:00PM CURZON M
MEETS: JAN 13-MAY 8

FORESTRY (CONTINUED)

FOREST RESOURC ECON FOR 451 4 CREDITS
Prereq: FOR 203, MATH 150
3731005 1 MWF 10:00-10:50 TYNDALL J
M 3:10-6:00PM TYNDALL J
MEETS: JAN 13-MAY 8

ECOSYSTEM MANAGEMNT FOR 452 3 CREDITS
Prereq: SENIOR CLASSIFICATION, NREM 120 OR
EQUIVALENT
Note: COURSE RESTRICTED TO SENIORS ONLY
3732005 1 MW 1:10-2:00 SCHULTE M
F 11:00-2:00 SCHULTE M
MEETS: JAN 13-MAY 8

FORESTRY PRACTICUM FOR 454 3 CREDITS
Prereq: 20 CREDITS IN STUDENT'S MAJOR AT
300 LEVEL OR ABOVE
Note: Instructor permission required 1st week.
3734005 1 F 9:00-9:50 TYNDALL J
MW 8:00-9:50 SCHULTZ R
MEETS: JAN 13-MAY 8

ECOSYSTEM MANAGEMNT FOR 552 3 CREDITS
Prereq: SENIOR CLASSIFICATION AND NREM 120
OR EQUIVALENT
Note: COURSE RESTRICTED TO GRADS ONLY
1349005 1 MW 1:10-2:00 SCHULTE M
F 11:00-2:00 SCHULTE M
MEETS: JAN 13-MAY 8

CR COMP FOR BIOLOGY FOR 599A 1-12 CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOMTRY FOR 599B 1-12 CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FO&REC ECON FOR 599C 1-12 CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR MGT&ADM FOR 599D 1-12 CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPO WOOD SCI FOR 599E 1-12 CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR FOR 696 1 CREDIT
Satisfactory-Fail Only.
8834005 1 W 4:10-5:30 BASSHAM D
MEETS: JAN 13-MAY 8

FOREST BIOLGY RSRCH FOR 699A 1-12 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RESRCH FOR 699B 1-12 CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1-12 CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

FOR MGT&ADMIN RSRCH FOR 699D 1-12 CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RESRCH FOR 699E 1-12 CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH PLANT PHYSIOL FOR 699F 1-12 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH

ELEMENTRY FRENCH II FRNCH 102 4 CREDITS
Prereq: FRNCH 101
Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
SCHOOL FRENCH MAY NOT ENROLL IN 102.
Meets international perspectives reqmt
3804005 1 MTWR 9:00-9:50
MEETS: JAN 13-MAY 8
3804010 2 MTWR 10:00-10:50
MEETS: JAN 13-MAY 8
3804015 3 MTWR 11:00-11:50
MEETS: JAN 13-MAY 8

INTERMED FRENCH II FRNCH 202 4 CREDITS
Prereq: FRNCH 201
Note: Meets international perspectives reqmt
3809005 1 MTWR 1:10-2:00
MEETS: JAN 13-MAY 8

FRENCH (CONTINUED)

READ & WRITING FRENCH FRNCH 302 3 CREDITS
 Prereq: FRNCH 301
 Note: Meets international perspectives reqmt
 6543005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

FRANCE TODAY FRNCH 320 3 CREDITS
 Prereq: FRNCH 202
 Note: Meets international perspectives reqmt
 2907600 XW ARRANGED DEININGER M
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

STDI FRN/FRANCO LIT FRNCH 340 3 CREDITS
 Prereq: FRNCH 302 OR CONCURRENT ENROLLMENT IN
 FRNCH 302
 Note: Meets international perspectives reqmt
 2762600 XW ARRANGED DEININGER M
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

FR STU IN ENGL:GNDR FRNCH 370F 3 CREDITS
 Note: TOPIC: FRENCH THIRD-AND-FOURTH-WAVE FEMINIST
 FICTION. SPRING 2020
 Meets international perspectives reqmt
 6716005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY FRNCH 490 1- 6 CREDITS
 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

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 1 T 2:10-3:00
 MEETS: JAN 13-MARCH 6

COOPERATIVE EDUCATN GEN 298 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR; SOPHOMORE CLASSIFICATION
 4225005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PRINCIP OF GENETICS GEN 313 3 CREDITS
 Prereq: BIOL 211 & BIOL 212L, CREDIT OR
 ENROLLMENT IN ORGANIC CHEMISTRY
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 9559005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 9559600 XW ARRANGED KUKDAY S
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

GENETICS LABORATORY GEN 313L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 313
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 9560005 1 MW 9:00-10:20
 MEETS: JAN 13-MAY 8
 9560010 2 MW 10:30-11:50
 MEETS: JAN 13-MAY 8
 9560015 3 MW 10:30-11:50
 MEETS: JAN 13-MAY 8
 9560020 4 MW 1:10-2:30
 MEETS: JAN 13-MAY 8
 9560025 5 MW 1:10-2:30
 MEETS: JAN 13-MAY 8
 9560030 6 MW 3:10-4:30
 MEETS: JAN 13-MAY 8
 9560035 7 TR 9:00-10:20
 MEETS: JAN 13-MAY 8
 9560040 8 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 9560045 9 TR 1:10-2:30
 MEETS: JAN 13-MAY 8
 9560050 10 TR 3:10-4:30
 MEETS: JAN 13-MAY 8
 9560055 11 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 9560060 12 TR 1:10-2:30
 MEETS: JAN 13-MAY 8

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 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

GENOME PRSPCTV BIOL GEN 349 3 CREDITS
 Prereq: GEN 313 OR GEN 320
 9690005 1 T 3:40-5:30
 R 3:40-5:30
 MEETS: JAN 13-MAY 8

MOLECULAR GENETICS GEN 409 3 CREDITS
 Prereq: BIOL 313 OR GEN 313
 3832005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

ANALYTICAL GENETICS GEN 410 3 CREDITS
 Prereq: BIOL 313 OR GEN 313
 3833005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO AGRON, GEN, GEN S
 MAJORS ONLY
 3833010 2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN AGRON, GEN

INDEPENDENT STUDY GEN 490 1- 5 CREDITS
 Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
 OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEN 491 1 CREDIT
 Prereq: GEN 409
 3837005 1 W 3:10-4:00
 MEETS: JAN 13-MAY 8

UG 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 1 R 1:10-3:00
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS GENET 590 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRAD STU SEMNR GENE GENET 690 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 9682005 1 W 4:10-5:00
 MEETS: JAN 13-MAY 8

GENETICS - INTERDISCIPLINARY (CONTINUED)

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS
Satisfactory-Fail Only.
9316005 SR ARRANGED
MEETS: JAN 13-MAY 8

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

GENETICS, DEVELOPMENT & CELL BIOL

ADV MOLECU LR GENETC GDCB 511 3 CREDITS
Prereq: BIOL 313 AND BBMB 405
2943005 1 MWF 9:00-9:50
MEETS: JAN 13-MAY 8

INTRO DNA TECHNIQS GDCB 542A 1 CREDIT
Satisfactory-Fail Only.
7089005 1 TR 1:10-2:00
TR 2:10-4:00
MEETS: JAN 13-MAY 8

INTR PROTEIN TECHNQ GDCB 542B 1 CREDIT
Satisfactory-Fail Only.
7092005 1 TR 1:10-2:00
TR 2:10-4:00
MEETS: JAN 13-MAY 8

INTRO CELL TECHNIQS GDCB 542C 1 CREDIT
Satisfactory-Fail Only.
7096005 1 TR 1:10-2:00
TR 2:10-4:00
MEETS: JAN 13-MAY 8

STAT BIOINFORMATICS GDCB 568 3 CREDITS
Prereq: BCB 567 OR BIOL 315 AND STAT 430;
CREDIT OR ENROLLMENT IN GEN 409
5576005 1 TR 9:30-10:50
MEETS: JAN 13-MAY 8

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 13-MAY 8

SPECIAL TOPICS GDCB 590 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR IN GDCB GDCB 690 1 CREDIT
Satisfactory-Fail Only.
7142005 1 T 4:10-5:00
MEETS: JAN 13-MAY 8

RESEARCH SEMINAR GDCB 696 1 CREDIT
Satisfactory-Fail Only.
8832005 1 W 4:10-5:00 BASSHAM D
MEETS: JAN 13-MAY 8

SEMN MOLEC,C,DV BIO GDCB 698 1- 2 CREDITS
Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2020.
3856005 1 M 3:10-5:00
MEETS: JAN 13-MAY 8

RESEARCH GDCB 699 VAR. CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

HOW THE EARTH WORKS GEOL 100 3 CREDITS
3870005 1 MWF 11:00-11:50
MEETS: JAN 13-MAY 8
3870010 2 MWF 1:10-2:00
MEETS: JAN 13-MAY 8
3870600 XW ARRANGED WOOD A
MEETS: JAN 13-MAY 8
Note: Section XW is off campus
Course delivery is WWW

HOW EARTH WORKS:LAB GEOL 100L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN GEOL 100
7595005 1 T 10:00-11:50
MEETS: JAN 13-MAY 8
7595010 2 T 1:10-3:00
MEETS: JAN 13-MAY 8
7595015 3 R 1:10-3:00
MEETS: JAN 13-MAY 8
7595020 4 R 10:00-11:50
MEETS: JAN 13-MAY 8

ENVIRONMNTL GEOLOGY GEOL 101 3 CREDITS
7596005 1 MWF 10:00-10:50
MEETS: JAN 13-MAY 8

GEOLOGY (CONTINUED)

HISTORY OF EARTH GEOL 102 3 CREDITS
Prereq: GEOL 100 OR GEOL 201; GEOL MAJORS:
CONCURRENT ENROLLMENT IN 102L
3874005 1 MWF 1:10-2:00
MEETS: JAN 13-MAY 8

HIST OF EARTH: LAB GEOL 102L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN GEOL 102
7597005 1 R 3:10-5:00
MEETS: JAN 13-MAY 8
7597010 2 T 3:10-5:00
MEETS: JAN 13-MAY 8

GEMS AND GEMSTONES GEOL 105 1 CREDIT
8854005 1 TR 9:30-10:20
MEETS: JAN 13-MAY 8

GEOLOGICL DISASTERS GEOL 111 1 CREDIT
9152005 1 TR 9:30-10:20
MEETS: MARCH 9-MAY 8

EARTH,WIND&F ORIENT GEOL 113 1 CREDIT
9686005 1 M 4:10-5:00
MEETS: JAN 13-MAY 8

CLIMATE&SOCIETY LAB GEOL 140L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN MTEOR/AGRON/
ENV S/GEOL 140X OR INSTRUCTOR PERMISSION
0286005 1 W 11:00-1:00
MEETS: JAN 13-MAY 8

WORLD WATER RESOURC GEOL 160 3 CREDITS
Note: Meets international perspectives reqmt
3241005 1 MWF 2:10-3:00
MEETS: JAN 13-MAY 8

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 1 ARRANGED
MEETS: JAN 13-MAY 8

ENERGY &THE ENVIRON GEOL 324 3 CREDITS
Prereq: CHEM 163 OR CHEM 177, MATH 140
3045005 1 MWF 11:00-11:50
MEETS: JAN 13-MAY 8
3045600 XW ARRANGED WOOD A
MEETS: JAN 13-MAY 8
Note: Section XW is off campus
Course delivery is WWW

STRUCTURAL GEOLOGY GEOL 356 4 CREDITS
Prereq: GEOL 100 OR GEOL 201; PHYS 111, MATH 165
OR MATH 181
3882005 1 MWF 9:00-9:50
T 9:00-11:50
MEETS: JAN 13-MAY 8

PETROLOGY GEOL 365 3 CREDITS
Prereq: GEOL 315, GEOL 315L, GEOL 316
3883005 1 MW 3:10-4:00
T 2:10-5:00
MEETS: JAN 13-MAY 8

COOPERATIVE EDUC GEOL 398 R CREDIT
Prereq: GEOL 100 OR GEOL 201, GEOL 100L,GEOL 102,
GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR;
JUNIOR CLASSIFICATION
4829005 1 ARRANGED
MEETS: JAN 13-MAY 8

APP GRNDWTR FLW MOD GEOL 414 3 CREDITS
Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
3064005 1 TR 1:10-2:00
R 2:10-4:00
MEETS: JAN 13-MAY 8
Note: Materials fee \$50.00

SEISMIC MTHDS EXPLOR GEOL 439 3 CREDITS
Prereq: GEOL 100 OR GEOL 201; COLLEGE ALGEBRA AND
TRIGONOMETRY
6248005 1 MW 10:00-10:50
F 10:00-10:50
F 11:00-11:50
MEETS: JAN 13-MAY 8
Note: Equipment use and field trips & travel fee \$70.00

GIS FOR GEOSCIENTST GEOL 452 3 CREDITS
Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
3092005 1 MW 3:10-4:00
F 3:10-4:00
MW 4:10-5:00
MEETS: JAN 13-MAY 8

GEOLOGY (CONTINUED)

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 1 F 4:10-6:00PM
 MEETS: JAN 13-MAY 8

COOPERATIVE EDUCATN GEOL 498 R CREDIT
 Prereq: GEOL 100 OR GEOL 201, GEOL 100L, GEOL 102,
 GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR;
 SENIOR CLASSIFICATION
 4830005 1 ARRANGED
 MEETS: JAN 13-MAY 8

APP GRNDWTR FLW MOD GEOL 514 3 CREDITS
 Prereq: GEOL 411 OR C E 473; MATH 165 OR MATH 181
 3115005 1 TR 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$50.00

SEISMIC MTHDS EXPLOR GEOL 539 3 CREDITS
 Prereq: GEOL 100 OR GEOL 201; COLLEGE ALGEBRA AND
 TRIGONOMETRY
 0045005 1 MW 10:00-10:50
 F 10:00-10:50
 F 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: COURSE FEE: \$70.00

GIS FOR GEOSCIENTST GEOL 552 3 CREDITS
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
 3206005 1 MW 3:10-4:00
 F 3:10-4:00
 MW 4:10-5:00
 MEETS: JAN 13-MAY 8

ENVIR SOIL MINERLGY GEOL 555 3 CREDITS
 Prereq: AGRON 473, CHEM 178. RECOMMEND: GEOL 311.
 3893005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

SPL TOP SURFIC PROC GEOL 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRATIGRAPH GEOL 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATN GEOL 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLGY GEOL 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS PETROLOGY GEOL 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP STRUCTURAL GEOL 590F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEOCHEM GEOL 590G 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS HYDROGEOL GEOL 590H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI GEOL 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

GEOLOGY (CONTINUED)

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 1 F 4:10-6:00PM
 MEETS: JAN 13-MAY 8

GRADUATE SEMINAR GEOL 595B R CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8220005 1 F 4:10-6:00PM
 MEETS: JAN 13-MAY 8

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

ADV SEM EARTH MTRLS GEOL 610A 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7605005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV SEM ECONOM GEOL GEOL 610B 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7609005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV SEM GEOTECTONIC GEOL 610E 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7606005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV SEM HYDROGEOLOGY GEOL 610F 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7604005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV SEM SURFIC PROC GEOL 610G 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7608005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV SEM SED&STRATIG GEOL 610H 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7607005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV SEM PALEOEC&CLI GEOL 610I 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 6710005 1 ARRANGED
 MEETS: JAN 13-MAY 8

RES SURFICIAL PROC GEOL 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH STRATIGRAPHY GEOL 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEDIMENTATION GEOL 699C VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH PALEONTOLOGY GEOL 699D VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

RES STRUCTURAL GEOL GEOL 699F VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH GEOCHEMISTRY GEOL 699G VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH HYDROGEOLOGY GEOL 699H VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH EARTH SCIENCE GEOL 699I VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

(CONTINUED)

RES MINERAL RESOURC GEOL 699J VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GEOPHYSICS GEOL 699K VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MINERALOGY GEOL 699L VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TECTONICS GEOL 699M VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES PALEOECO&CLIMAT GEOL 699N VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES ISOTOPE GEOCHEM GEOL 699O VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH CMPUT MTH&GIS GEOL 699P VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES SURFC HYDROLOGY GEOL 699R VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSEARCH GEOSCI EDUC GEOL 699S VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

GERMAN

ELEMENTRY GERMAN II GER 102 4 CREDITS
 Prereq: GER 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL GERMAN MAY NOT ENROLL IN 102.
 Meets international perspectives reqmt
 3950005 1 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 8
 3950010 2 MTWR 11:00-11:50
 MEETS: JAN 13-MAY 8
 3950015 3 MTWR 1:10-2:00
 MEETS: JAN 13-MAY 8

INTERMED GERMAN II GER 202 4 CREDITS
 Prereq: GER 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 BUSINESS EMPHASIS
 Meets international perspectives reqmt
 3954005 1 MTWR 9:00-9:50
 MEETS: JAN 13-MAY 8
 3954010 2 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 8

COMPOSITION GER 302 3 CREDITS
 Prereq: GER 202
 Note: Meets international perspectives reqmt
 3956005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

CONVERSATN:CITY EUR GER 305 3 CREDITS
 Prereq: GER 202, GER 301 RECOMMENDED
 Note: Meets international perspectives reqmt
 8405005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

GERMANY TODAY GER 320 3 CREDITS
 Prereq: GER 301 OR GER 304
 Note: Meets international perspectives reqmt
 3792005 1 MW 3:10-4:30
 MEETS: JAN 13-MAY 8

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 2020.
 Meets international perspectives reqmt
 7143005 1 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 OFFERED FOR 3 CREDITS SPRING 2020
 FOR MAJORS OTHER THAN WLC.
 7143010 2 T 6:10-9:00PM
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 OFFERED FOR 4 CREDITS SPRING 2020
 RESTRICTED TO WLC MAJORS

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 13-MAY 8
 Note: SEC 1 OFFERED FOR 3 CREDITS
 3958010 2 TR 2:10-3:30, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 OFFERED FOR 4 CREDITS

GERMAN

(CONTINUED)

INDEPENDENT STUDY GER 490 1- 6 CREDITS
 Prereq: 6 CR IN GERMAN; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN GERMAN 490 MAY BE
 APPLIED TOWARD GRADUATION
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP IN GERMAN GER 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF GERMAN AT THE 300 LEVEL;
 PERMISSION OF ADVISOR AND WORLD LANGUAGES AND
 CULTURES INTERNSHIP COORDINATOR
 Note: NO MORE THAN 3 CREDITS OF GER 499 MAY BE APPLIED
 TOWARD GRADUATION IN THE MAJOR
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP GER CIVLZTN GER 590D 2- 4 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR; 6 CREDITS
 OF 400-LEVEL GERMAN
 ***** SEE DEPT FOR REFERENCE NUMBERS

GERONTOLOGY

ADULT DEVELOPMENT GERON 234 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 2026005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

DEATH PART OF LIVNG GERON 373 3 CREDITS
 8516600 XW ARRANGED LEE J
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

RETIREM PLN&BENEFTS GERON 378 3 CREDITS
 Prereq: 3 CREDITS IN INTRODUCTORY ECONOMICS
 Note: Meets U.S. diversity reqmt
 8564005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

GERONTL PREPRAC SEM GERON 466 1 CREDIT
 Prereq: 9 CR IN CORE COURSES FOR THE GERON
 MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR
 7869005 1 ARRANGED
 MEETS: JAN 13-MAY 8

GERONTOL PRACTICUM GERON 467 3- 6 CREDITS
 Prereq: GERON 466, ADVANCE RESERVATION
 Satisfactory-Fail Only.
 7870005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY GERON 490 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MENTAL HEALTH&AGING GERON 523 3 CREDITS
 3538600 XG ARRANGED
 MEETS: JAN 13-MAY 1
 Note: THIS COURSE IS TAUGHT THROUGH GREAT PLAINS IDEA.
 EMAIL GPIDEAINFO@IASTATE.EDU ABOUT ENROLLING.
 Meets U.S. diversity reqmt
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ADULT DEVELOPMENT GERON 534 3 CREDITS
 2631600 XG ARRANGED
 MEETS: PARTIAL TERM
 Note: THIS COURSE IS TAUGHT THROUGH GREAT PLAINS IDEA.
 EMAIL GPIDEAINFO@IASTATE.EDU ABOUT ENROLLING.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ENVIR FOR THE AGING GERON 563 3 CREDITS
 Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH,
 INTERIOR DSGN, REHABILITATION, PSYCH OR HD FS
 Note: Meets U.S. diversity reqmt
 3807600 XG ARRANGED
 MEETS: JAN 21-MAY 8
 Note: Meets U.S. diversity reqmt
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

AGING IN FAMLY SETT GERON 577 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES
 9006600 XG ARRANGED
 MEETS: JAN 21-MAY 7
 Note: Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

GERONTOLOGY (CONTINUED)

EVAL&RES MTHD GERON GERON 584 3 CREDITS
 8321600 XG ARRANGED
 MEETS: JAN 15-MAY 12
 Note: THIS COURSE IS TAUGHT THROUGH GREAT PLAINS IDEA.
 EMAIL GPIDEAINF@IASTATE.EDU ABOUT ENROLLING.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

SPECIAL TOPICS GERON 590 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP GERON 591 1- 9 CREDITS
 9810061 MS ARRANGED
 MEETS: JAN 13-MAY 8
 9810077 PM ARRANGED
 MEETS: JAN 13-MAY 8

CREATIVE COMPONENT GERON 599 VAR. CREDITS
 9839077 PM ARRANGED
 MEETS: JAN 13-MAY 8

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

GLOBAL RESOURCE SYSTEMS

GLOBAL RESOURCE SYS GLOBE 201 3 CREDITS
 6635005 1 TR 9:30-10:50 DUERFELDT K
 MEETS: JAN 13-MAY 8

ISSU GBL RSRCE SYS GLOBE 211 1 CREDIT
 Note: NO MORE THAN 3 CREDITS OF GLOBE 211 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 COURSE RESTRICTED TO GLOBE MAJORS ONLY
 Satisfactory-Fail Only.
 6651005 1 T 3:40-5:00 SWOBODA C
 MEETS: JAN 13-MARCH 27
 Note: SEC 1 OFFERED FOR 1 CREDIT SPRING 2020
 6651010 2 R 3:40-5:00 MASINDE D
 MEETS: JAN 13-MARCH 27
 Note: SEC 2 OFFERED FOR 1 CREDIT SPRING 2020

GLOBAL SUSTAINABLT GLOBE 220 3 CREDITS
 Note: T SC 220/ANTR 220/ENV S 220/GLOBE 220/MAT E 220/
 M E 220/SOC 220 MAY NOT BE APPLIED AS TECHNICAL
 ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 3906005 1 MWF 11:00-11:50 HALLAM A
 MEETS: JAN 13-MAY 8

APPRENTICESHIP GLOBE 221 R CREDIT
 Satisfactory-Fail Only.
 6652005 1 ARRANGED NONNECKE G
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

INDEPENDENT STUDY GLOBE 290 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS GLOBE 290H 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOCIO-ECON RSRC SYS GLOBE 304 3 CREDITS
 Prereq: GLOBE 201, ECON 101 OR ECON 102
 6154005 1 TR 12:40-2:00 MASINDE D
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO GLOBE MAJORS ONLY
 6154010 2 TR 12:40-2:00 MASINDE D
 MEETS: JAN 13-MAY 8

GLB SYS INTERN PREP GLOBE 320 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5201005 1 W 4:10-5:00 SWOBODA C
 MEETS: JAN 13-MAY 8

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 1 ARRANGED SWOBODA C
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

GLOBAL RESOURCE SYSTEMS (CONTINUED)

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 1 ARRANGED SWOBODA C
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

GOBL HEALTH DISPAR GLOBE 330X 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 0488005 1 TR 9:30-10:50 MATOS B
 MEETS: JAN 13-MAY 8

ECONOMIC DEVELOPMNT GLOBE 385 3 CREDITS
 Prereq: ECON 101, ECON 102
 Note: Meets international perspectives reqmt
 3230005 1 TR 12:40-2:00 LUVAGA E
 MEETS: JAN 13-MAY 8

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 1 ARRANGED NONNECKE G
 MEETS: JAN 13-MAY 8

SENIOR PROJECT GLOBE 401 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN GLOBE
 6799005 1 MW 3:10-4:00, ARRANGED MASINDE D
 MEETS: JAN 13-MAY 8

SENIOR PROJ HONORS GLOBE 401H 3 CREDITS
 8914005 1 MW 3:10-4:00, ARRANGED MASINDE D
 MEETS: JAN 13-MAY 8

GLBL RSOURC CHALLNG GLOBE 402 3 CREDITS
 6815005 1 T 11:00-12:20 ZIMMERMAN E
 R 11:00-12:20 ZIMMERMAN E
 MEETS: JAN 13-MAY 8

INT'L ANIMAL AGRICU GLOBE 441 3 CREDITS
 Note: Meets international perspectives reqmt
 7435005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

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 1 ARRANGED
 MEETS: JAN 13-MAY 8
 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 1 ARRANGED
 MEETS: JAN 13-MAY 8
 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 1 ARRANGED
 MEETS: JAN 13-MAY 8

GLBL RSRC SYS WKSHP GLOBE 493X 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: WORKSHOP TITLE: LEADERSHIP ACADEMY
 MEETS OCCASIONAL FRIDAYS, MUST ATTEND 1ST
 DAY OF CLASS.
 Satisfactory-Fail Only.
 0473005 1 F 1:10-3:00 SWOBODA C
 MEETS: JAN 13-MAY 8

SERVICE LEARN INT'L GLOBE 494A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 3581005 1 ARRANGED NONNECKE G
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

GLOBAL RESOURCE SYSTEMS (CONTINUED)

SERV LRNG DOMESTIC GLOBE 494B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3604005 1 ARRANGED NONNECKE G
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

SVC LRNG U.S.DVRSTY GLOBE 494C 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets U.S. diversity reqmt
 9775005 1 ARRANGED NONNECKE G
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

GL RSOURC ABRD PREP GLOBE 495 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8845005 IT TR 3:10-5:00 MACDONALD R
 MEETS: JAN 13-MAY 8
 Note: SEC IT IS THE STUDY ABROAD PREP CLASS FOR
 THE DEAN'S LEADERSHIP ROME, ITALY TRIP THAT WILL TAKE
 PLACE SUMMER 2020
 8845010 UG W 5:10-7:00PM DUERFELDT K
 MEETS: JAN 13-MAY 8
 Note: SEC UG IS THE STUDY ABROAD PREP CLASS FOR
 THE UGANDA SERVICE LEARNING TRIP THAT WILL
 TAKE PLACE SUMMER 2020

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS
 6903005 1 ARRANGED NONNECKE G
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

GRADUATE STUDIES

PREP PUBLSHBL THSIS GR ST 529 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 9736005 1 T 11:00-12:20
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

PREP PUB THSIS CHPT GR ST 536X 3 CREDITS
 0247005 1 ARRANGED
 MEETS: JAN 13-MAY 8

RSPBL RSRCH CONDUCT GR ST 565 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 7866005 1 W 11:00-11:50
 MEETS: JAN 13-MAY 8
 7866010 2 T 1:10-2:00
 MEETS: JAN 13-MAY 8
 7866015 3 M 2:10-3:00
 MEETS: JAN 13-MAY 8
 7866020 4 F 11:00-11:50
 MEETS: JAN 13-MAY 8

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 13-MARCH 6
 Note: SEC 1: FOCUS ON THE NSF
 Instructor permission required.
 3910010 2 MW 11:00-11:50
 MEETS: JAN 13-MARCH 6
 Note: SEC 2: FOCUS ON FULBRIGHT, ARTS, HUMANITIES
 FUNDING
 Instructor permission required.

PREP FUTR FAC SM II GR ST 586 1- 3 CREDITS
 Prereq: ADMISSION INTO PFF PROGRAM; COMPLETION
 OF GR ST 585 OR PERMISSION OF INSTRUCTOR
 7033005 1 T 3:40-6:40PM
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

PREP FAC TCHG PRACT GR ST 587 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, GR ST 585,
 CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586
 7679005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

PREP FTR FAC SPL TP GR ST 588 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, GR ST 585,
 CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586
 8341005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1: PFF
 Instructor permission required.
 8341010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2: CIRT
 Instructor permission required.
 8341015 3 ARRANGED
 MEETS: JAN 13-MAY 8
 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 1 ARRANGED
 MEETS: JAN 13-MAY 8

REQD REG:DOC CONTIN GR ST 681A 1 CREDIT
 Prereq: MUST HAVE TAKEN AND PASSED PRELIMINARY
 ORAL EXAM
 Note: CREDIT IN GR ST 681A MAY NOT BE APPLIED
 TOWARD GRADUATION
 Satisfactory-Fail Only.
 8116005 1 ARRANGED
 MEETS: JAN 13-MAY 8

REQD REG:FINAL EXAM GR ST 681B 1 CREDIT
 Prereq: MUST HAVE COMPLETED ALL NECESSARY PROGRAM
 REQUIREMENTS TO TAKE FINAL EXAM
 Note: CREDIT IN GR ST 681B MAY NOT BE APPLIED
 TOWARD GRADUATION
 Satisfactory-Fail Only.
 8117005 1 ARRANGED
 MEETS: JAN 13-MAY 8

REQD REG:GRAD ASST GR ST 681C 1 CREDIT
 Prereq: MUST BE A GRADUATE ASSISTANT
 Note: CREDIT IN GR ST 681C MAY NOT BE APPLIED
 TOWARD GRADUATION
 Satisfactory-Fail Only.
 8122005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PRACTICAL TRAINING GR ST 697 R CREDIT
 6905005 1 ARRANGED
 MEETS: JAN 13-MAY 8

GRAPHIC DESIGN

GRAPH DSGN STDIO II ARTGR 271 3 CREDITS
 Prereq: ART 230, ARTGR 270, ARTGR 275 AND
 ENROLLMENT IN ARTGR 276
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE
 PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.
 1786005 1 TR 8:00-10:50 FONTAINE L
 MEETS: JAN 13-MAY 8
 1786010 2 TR 8:00-10:50 URE C
 MEETS: JAN 13-MAY 8
 1786015 3 TR 8:00-10:50 MARTINCIC M
 MEETS: JAN 13-MAY 8
 1786020 4 TR 8:00-10:50 BRUSKI P
 MEETS: JAN 13-MAY 8

DG PHOTO FOR GR DSN ARTGR 272 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 270 OR
 ARTGR 271
 9179005 1 TR 2:10-5:00
 MEETS: JAN 13-MAY 8
 9179010 2 TR 2:10-5:00
 MEETS: JAN 13-MAY 8

TYPOGRAPHY II ARTGR 274 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 271
 0063005 1 MW 8:00-10:50 MARTINCIC M
 MEETS: JAN 13-MAY 8
 0063010 2 MW 8:00-10:50 FINLEY J
 MEETS: JAN 13-MAY 8
 0063015 3 MW 8:00-10:50 PURDY H
 MEETS: JAN 13-MAY 8
 0063020 4 MW 8:00-10:50 LEE S
 MEETS: JAN 13-MAY 8

GRAPH DSN STUDIO IV ARTGR 371 3 CREDITS
 Prereq: ARTGR 370 AND ARTGR 387
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.
 1820005 1 MW 11:00-2:00 URE C
 MEETS: JAN 13-MAY 8
 1820010 2 MW 11:00-2:00 PARK H
 MEETS: JAN 13-MAY 8
 1820015 3 MW 11:00-2:00 FINLEY J
 MEETS: JAN 13-MAY 8
 1820020 4 MW 11:00-2:00 KANG S
 MEETS: JAN 13-MAY 8

GR DSN MTRLS&PROCES ARTGR 372 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
 371
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1805005 1 TR 6:10-7:30PM
 MEETS: JAN 13-MAY 8
 1805600 XW ARRANGED
 MEETS: JAN 13-MAY 7
 Note: SECTION RESTRICTED TO ARTGR MAJORS ONLY
 Section XW is off campus
 Course delivery is WWW

GRAPHIC DESIGN (CONTINUED)

GRAPHIC DESIGN (CONTINUED)

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.
 7537600 XW ARRANGED CLENDENEN B
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

HIST GRAPHICS&SPORT ARTGR 383X 3 CREDITS
 0518005 1 TR 12:40-1:55 MICKELSON A
 MEETS: JAN 13-MAY 8

GR DSN HIST,CRIT II ARTGR 388 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 9451005 1 MWF 1:10-2:00 MICKELSON A
 MEETS: JAN 13-MAY 8

3D MOTION GRAPHICS ARTGR 463 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370
 OR ARTGR 371 OR ARTGR 470
 9814005 1 MW 2:10-5:00 CALL A
 MEETS: JAN 13-MAY 8

GRPHC DSGN CAPSTONE ARTGR 471 3 CREDITS
 Prereq: ARTGR 470 OR PERMISSION OF INSTRUCTOR
 1645005 1 TR 11:00-4:00 FINLEY J
 MEETS: JAN 13-MAY 8
 1645010 2 TR 11:00-4:00 KANG S
 MEETS: JAN 13-MAY 8
 1645015 3 TR 11:00-4:00 URE C
 MEETS: JAN 13-MAY 8
 1645020 4 TR 11:00-4:00 BRAIDWOOD A
 MEETS: JAN 13-MAY 8

ADVANCED TYPOGRAPHY ARTGR 475 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR 371, ARTGR 470 OR ARTGR 482
 Note: COURSE RESTRICTED TO ARTGR UNDERGRADS ONLY
 1888005 1 TR 2:10-5:00 MEILLEUR M
 MEETS: JAN 13-MAY 8

WAYFINDING DESIGN ARTGR 479 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR 371, ARTGR 470 OR ARTGR 482
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY.
 TOPIC: WAYFINDING DESIGN. FIELD TRIP FEE \$250.00
 1891005 1 MW 2:10-5:00 FONTAINE L
 MEETS: JAN 13-MAY 8

GRPH DSGN PRO PRACT ARTGR 481 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR 470
 Note: Instructor permission required 1st week.
 8243005 1 TR 6:10-7:30PM NAYAK R
 MEETS: JAN 13-MAY 8

STUDIES IN GRPH DSN ARTGR 484 1- 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR 371, OR ARTGR 470
 Note: RESTRICTED TO ARTGR MAJORS ONLY. OFFERED FOR 3 CREDITS SPRING 2020
 Instructor permission required 1st week.
 8261005 1 MW 2:10-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1 TOPIC: PACKAGE DESIGN
 8261010 2 MW 2:10-5:00 PURDY H
 MEETS: JAN 13-MAY 8

IND ST THEORY, CRIT ARTGR 490A 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 2-D DESGN ARTGR 490B 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 3-D DESGN ARTGR 490C 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTGR 490H 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT, MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU COOP,INTERN ARTGR 490I 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

PUBLICATN DSGN:BOOKS ARTGR 492 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR 370 OR ARTGR 371
 1994005 1 TR 2:10-5:00
 MEETS: JAN 13-MAY 8

GRPH DSGN FIELD STU ARTGR 497 1 CREDIT
 Prereq: ACCEPTANCE TO THE UNDERGRADUATE OR GRADUATE PROGRAMS IN GRAPHIC DESIGN
 Satisfactory-Fail Only.
 8803005 1 ARRANGED BRUSKI P
 MEETS: JAN 13-MAY 8

DSGN CULTR SEMIOTIC ARTGR 520 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION IN COLLEGE OF DESIGN OR PERMISSION OF INSTRUCTOR
 9871005 1 TR 2:10-3:30 BRUSKI P
 MEETS: JAN 13-MAY 8

GRAPHIC DSN STUDIO II ARTGR 521 3 CREDITS
 Prereq: ENROLLMENT IN THE GRAPHIC DESIGN GRADUATE PROGRAM
 9867005 1 MW 2:10-3:30 MEILLEUR M
 MEETS: JAN 13-MAY 8

CRITICAL MEDIA ARTGR 522 3 CREDITS
 Prereq: ENROLLMENT IN THE GRAPHIC DESIGN GRADUATE PROGRAM
 9866005 1 MW 3:10-6:00PM BRAIDWOOD A
 MEETS: JAN 13-MAY 8

GRPH DSG BEHAVR CHG ARTGR 540 3 CREDITS
 Prereq: GRADUATE ENROLLMENT IN THE GRAPHIC DESIGN PROGRAM OR GRADUATE ENROLLMENT IN COLLEGE OF DESIGN OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 4211005 1 TR 10:00-12:50 PURDY H
 MEETS: JAN 13-MAY 8

3D MOTION GRAPHICS ARTGR 563 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370
 OR ARTGR 371 OR ARTGR 470
 2148005 1 MW 2:10-5:00 CALL A
 MEETS: JAN 13-MAY 8

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 1 TR 2:10-5:00 MEILLEUR M
 MEETS: JAN 13-MAY 8

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 1 MW 2:10-5:00 FONTAINE L
 MEETS: JAN 13-MAY 8

STUDIES IN GRPH DSN ARTGR 584 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
 Note: Instructor permission required 1st week.
 8262005 1 MW 2:10-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1 TOPIC: PACKAGE DESIGN
 8262010 2 MW 2:10-5:00
 MEETS: JAN 13-MAY 8

GRAPHIC DSN HIST II ARTGR 588 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 Instructor permission required 1st week.
 9452005 1 MWF 1:10-2:00 MICKELSON A
 MEETS: JAN 13-MAY 8

DESIGN AND ETHICS ARTGR 589 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 4955005 1 ARRANGED RICE K
 MEETS: JAN 13-MAY 8
 Note: 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

GRAPHIC DESIGN

(CONTINUED)

SPL TOP 2-DIMEN DSN ARTGR 590B VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR
 EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED
 AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 3-DIMEN DSN ARTGR 590C VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR
 EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED
 AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS

 SEE DEPT FOR REFERENCE NUMBERS

PUBLICATN DSGN:BOOKS ARTGR 592 3 CREDITS
 Prereq: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 2158005 1 TR 2:10-5:00
 MEETS: JAN 13-MAY 8

CREATIVE COMPONENT ARTGR 599 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

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 11:00-11:50
 MEETS: JAN 13-MAY 8
 4081010 A2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 4081015 B1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 4081020 B2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 4081025 C1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 4081030 C2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

PERS &CONSUMER HLTH H S 110 3 CREDITS
 Note: SEC A1, B1 ETC RESTRICTED TO A TR, KIN,
 P ATR, PDEXA, PDEXH MAJORS ONLY. SEC A2, B2 ETC
 FOR MAJORS OTHER THAN A TR, KIN, P ATR, PDEXA, PDEXH
 4082005 A1 MWF 11:00-11:50 DUKES L
 MEETS: JAN 13-MAY 8
 4082010 A2 MWF 11:00-11:50 DUKES L
 MEETS: JAN 13-MAY 8
 4082015 B1 TR 11:00-12:30 LIPSEY H
 MEETS: JAN 13-MAY 8
 4082020 B2 TR 11:00-12:30 LIPSEY H
 MEETS: JAN 13-MAY 8
 4082025 C1 MWF 9:00-9:50 DRENTH J
 MEETS: JAN 13-MAY 8

DRUG EDUCATION H S 215 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 4083005 A1 TR 8:00-9:20 DENTON D
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO A TR, KIN H, P ATR
 MAJORS.
 4083010 A2 TR 8:00-9:20 DENTON D
 MEETS: JAN 13-MAY 8
 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 13-MAY 8
 Note: SEC B1 RESTRICTED TO A TR, KIN H, P ATR
 MAJORS.
 4083020 B2 TR 9:30-10:50 DENTON D
 MEETS: JAN 13-MAY 8
 Note: SEC B2 RESTRICTED TO MAJORS OTHER THAN A TR, H
 KIN H, P ATR.

HEALTH STUDIES

(CONTINUED)

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 13-MAY 8

PRE-INTERN KIN&HLTH H S 285 1- 2 CREDITS
 Prereq: KINESIOLOGY AND HEALTH MAJOR, AND
 PERMISSION OF INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 2051005 1 ARRANGED POWER D
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

INSTR'S 1ST AID&CPR H S 305 2 CREDITS
 Prereq: H S 105, CURRENT STANDARD FIRST AID AND
 COMMUNITY CPR CERTIFICATION
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR
 KIN, KIN H, P DEXA, PDEXH JR & SRS.
 4086005 1 TR 8:00-9:20 SMITH J
 MEETS: JAN 13-MAY 8
 4086010 2 TR 8:00-9:20 SMITH J
 MEETS: JAN 13-MAY 8

COMMUN&PUBLIC HEALTH H S 310 3 CREDITS
 Prereq: H S 110
 4087005 1 MWF 11:00-11:50 LIPSEY H
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO KIN H JUNIORS &
 SENIORS
 4087010 2 MWF 11:00-11:50 LIPSEY H
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN KIN H

HUMAN DISEASES H S 350 3 CREDITS
 Prereq: H S 110 AND BIOL 255, BIOL 256
 4088005 1 TR 12:40-2:00 KOHUT M
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A TR, KIN H, D EXA, D EXH,
 P ATR JRS & SRS ONLY.
 4088010 2 TR 12:40-2:00 KOHUT M
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR, D EXA
 D EXH, KIN H, P ATR JRS & SRS

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 LUSK J
 MEETS: JAN 13-MAY 8

INTERNSH SRCH STRAT H S 385 .5 CREDIT
 Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN
 MINIMUM OF TWO SEMESTERS PRIOR TO REQUIRED INTERNSHIP
 Note: COURSE RESTRICTED TO KIN H, JRS & ABOVE & FSHNA
 & FSHNH GRADUATE STUDENTS.
 Satisfactory-Fail Only.
 3789005 1 R 2:10-3:00 POWER D
 ARRANGED
 MEETS: JAN 13-MARCH 6
 3789010 2 F 1:10-2:00, ARRANGED POWER D
 MEETS: JAN 13-MARCH 6

SUPV TCHG HLTH,SCDY H S 417A 16 CREDITS
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED
 9508005 1 ARRANGED LIPSEY H
 MEETS: JAN 13-MAY 8

TEACH HLTH SEC,ADDL H S 417B VAR. CREDITS
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED
 9507005 1 ARRANGED LIPSEY H
 MEETS: JAN 13-MAY 8

PHY ACTVTY EPIDEMIO H S 464 3 CREDITS
 Prereq: KIN 358 OR H S 350; STAT 101 OR STAT 587
 9726005 1 MW 3:10-4:30 MEYER J
 MEETS: JAN 13-MAY 8

INTERNSHP HLTH STDI H S 485 8-16 CREDITS
 Prereq: SENIOR CLASSIFICATION AND ADVANCE
 REGISTRATION
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

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

HEALTH STUDIES

(CONTINUED)

PHY ACTVY EPIDEMIO H S 564 3 CREDITS
 Prereq: KIN 358 OR H S 350; STAT 101 OR STAT 587
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 9727005 1 MW 3:10-4:30 MEYER J
 MEETS: JAN 13-MAY 8

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 M 5:30-8:20PM
 MEETS: JAN 13-MAY 8

COLLEGE TEACHING HG ED 561 3 CREDITS
 Prereq: 6 GRADUATE CREDITS
 4112005 1 W 5:30-8:20PM
 MEETS: JAN 13-MAY 8

STUDENT DEVELOPMENT HG ED 576 3 CREDITS
 Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM
 4118005 1 T 1:10-4:00
 MEETS: JAN 13-MAY 8

ADVISING&HELP SKILLS HG ED 579 3 CREDITS
 Prereq: HG ED 574, HG ED 576
 Note: COURSE RESTRICTED TO GRAD STUDENTS ONLY
 6274005 1 W 1:10-4:00
 MEETS: JAN 13-MAY 8
 Note: FOR EDUC STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
 6274010 2 T 9:00-11:50
 MEETS: JAN 13-MAY 8

SPL TOP STDT SERVIC HG ED 590A 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN COLL HG ED 590B 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CURRENT ISS HG ED 590C 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTNL HG ED HG ED 590D 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP FED&STAT AFF HG ED 590E 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LAW IN HG ED HG ED 590F 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTITNL RES HG ED 590G 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXPERIEN HG ED 591 1- 4 CREDITS
 Prereq: 9 CREDITS GRADUATE WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

CAPSTONE SEMINAR HG ED 598 3 CREDITS
 Note: FOR EDUC STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
 6275005 1 M 1:10-4:00
 MEETS: JAN 13-MAY 8

CREATIVE COMPONENT HG ED 599 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

HISTORY

INTRODUC TO HISTORY HIST 195 1 CREDIT
 Prereq: CLASSIFICATION AS A HISTORY MAJOR
 Note: COURSE RESTRICTED TO HIST MAJORS ONLY
 9223005 1 M 2:10-3:00 BEHNKEN B
 MEETS: JAN 13-MAY 8

HISTORY

(CONTINUED)

INTRO WESTERN CIV I HIST 201 3 CREDITS
 Note: Meets international perspectives reqmt
 4150005 1 TR 11:00-12:20 GRIFFITHS P
 MEETS: JAN 13-MAY 8

INTR WESTERN CIV II HIST 202 3 CREDITS
 Note: Meets international perspectives reqmt
 4151005 1 MW 12:10-1:00 ANDREWS J
 W 9:00-9:50
 MEETS: JAN 13-MAY 8

4151010 2 MW 12:10-1:00 ANDREWS J
 W 10:00-10:50
 MEETS: JAN 13-MAY 8

4151015 3 MW 12:10-1:00 ANDREWS J
 F 10:00-10:50
 MEETS: JAN 13-MAY 8

4151020 4 MW 12:10-1:00 ANDREWS J
 F 12:10-1:00
 MEETS: JAN 13-MAY 8

4151025 5 MW 1:10-2:00 MONROE J
 W 10:00-10:50
 MEETS: JAN 13-MAY 8

4151030 6 MW 1:10-2:00 MONROE J
 W 11:00-11:50
 MEETS: JAN 13-MAY 8

4151035 7 MW 1:10-2:00 MONROE J
 F 11:00-11:50
 MEETS: JAN 13-MAY 8

4151040 8 MW 1:10-2:00 MONROE J
 F 1:10-2:00
 MEETS: JAN 13-MAY 8

4151045 9 MW 11:00-11:50 MONROE J
 W 12:10-1:00
 MEETS: JAN 13-MAY 8

4151050 10 MW 11:00-11:50 MONROE J
 F 9:00-9:50
 MEETS: JAN 13-MAY 8

4151055 11 MW 11:00-11:50 MONROE J
 F 11:00-11:50
 MEETS: JAN 13-MAY 8

4151060 12 MW 11:00-11:50 MONROE J
 F 12:10-1:00
 MEETS: JAN 13-MAY 8

4151065 13 MWF 9:00-9:50 CORDERY S
 MEETS: JAN 13-MAY 8

ANCIENT EMPIRES HIST 211X 3 CREDITS

Note: Meets international perspectives reqmt

0454005 1 MW 11:00-11:50 HOLLANDER D
 W 12:10-1:00
 MEETS: JAN 13-MAY 8

0454010 2 MW 11:00-11:50 HOLLANDER D
 W 1:10-2:00
 MEETS: JAN 13-MAY 8

0454015 3 MW 11:00-11:50 HOLLANDER D
 F 10:00-10:50
 MEETS: JAN 13-MAY 8

0454020 4 MW 11:00-11:50 HOLLANDER D
 F 11:00-11:50
 MEETS: JAN 13-MAY 8

SURVEY U.S. HIST I HIST 221 3 CREDITS

4155005 1 MW 9:00-9:50 KEHRBERG R
 W 10:00-10:50
 MEETS: JAN 13-MAY 8

4155010 2 MW 9:00-9:50 KEHRBERG R
 W 11:00-11:50
 MEETS: JAN 13-MAY 8

4155015 3 MW 9:00-9:50 KEHRBERG R
 F 8:00-8:50
 MEETS: JAN 13-MAY 8

4155020 4 MW 9:00-9:50 KEHRBERG R
 F 9:00-9:50
 MEETS: JAN 13-MAY 8

SURVEY U.S. HIST II HIST 222 3 CREDITS

4156005 1 MW 10:00-10:50
 W 11:00-11:50
 MEETS: JAN 13-MAY 8

4156010 2 MW 10:00-10:50
 W 12:10-1:00
 MEETS: JAN 13-MAY 8

4156015 3 MW 10:00-10:50
 F 9:00-9:50
 MEETS: JAN 13-MAY 8

4156020 4 MW 10:00-10:50
 F 10:00-10:50
 MEETS: JAN 13-MAY 8

4156025 5 MW 12:10-1:00 WOLTERS T
 W 10:00-10:50
 MEETS: JAN 13-MAY 8

4156030 6 MW 12:10-1:00 WOLTERS T
 W 11:00-11:50
 MEETS: JAN 13-MAY 8

4156035 7 MW 12:10-1:00 WOLTERS T
 F 11:00-11:50
 MEETS: JAN 13-MAY 8

4156040 8 MW 12:10-1:00 WOLTERS T
 F 12:10-1:00
 MEETS: JAN 13-MAY 8

HISTORY (CONTINUED)

HISTORY (CONTINUED)

INTR WRLD HIS 1500- HIST 255 3 CREDITS
 Note: Meets international perspectives reqmt
 9915005 1 TR 9:30-10:50 HERNANDEZ B
 MEETS: JAN 13-MAY 8

MEDIEV EUR 300-1500 HIST 316 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 3229005 1 MWF 9:00-9:50 BAILEY M
 MEETS: JAN 13-MAY 8

HIST MOD EURO 1789- HIST 320 3 CREDITS
 Prereq: 3 CREDITS OF 200-LEVEL HISTORY AT IOWA STATE, SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 9732005 1 TR 11:00-12:20 BEST J
 MEETS: JAN 13-MAY 8

ENGLAND 1525-1700 HIST 325 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 4169005 1 TR 2:10-3:30 GRIFFITHS P
 MEETS: JAN 13-MAY 8

HIST BRITISH EMPIRE HIST 327 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 Meets international perspectives reqmt
 4422005 1 TR 3:40-5:00 SCHNEIDER W
 MEETS: JAN 13-MAY 8

ISLAMC WRLD TO 1800 HIST 331 3 CREDITS
 Prereq: 3 CREDITS OF 200-LEVEL HISTORY AT IOWA STATE, SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 4266005 1 TR 12:40-2:00 LOW M
 MEETS: JAN 13-MAY 8

HIS CHINA 1912-PRES HIST 337 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 Meets international perspectives reqmt
 4172005 1 TR 2:10-3:30 WANG T
 MEETS: JAN 13-MAY 8

HIST AFRICAN AMER I HIST 353 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 Meets U.S. diversity reqmt
 8745005 1 TR 8:00-9:20 ADELEKE R
 MEETS: JAN 13-MAY 8

GLOBAL ENVIRON HIST HIST 362 3 CREDITS
 Prereq: HIST 201 OR HIST 202 OR HIST 207 OR 3 CREDITS OF ENV S; SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 4395005 1 TR 9:30-10:50 LOW M
 MEETS: JAN 13-MAY 8

AMER AGRIC II:1865- HIST 366 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 4180005 1 MWF 9:00-9:50 HILL K
 MEETS: JAN 13-MAY 8

HISTORY OF IOWA HIST 370 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 4222600 XW ARRANGED BREMER J
 MEETS: JAN 13-MAY 8
 Note: COURSE RESTRICTED TO SOPHOMORE CLASSIFICATION AND ABOVE
 Section XW is off campus
 Course delivery is WWW

SX,CLTR ANC MEDITRR HIST 374 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN, OR GREEK
 Note: Meets international perspectives reqmt
 2236005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

INTRO ROMAN ITALY HIST 384 2 CREDITS
 Prereq: ENROLLMENT LIMITED TO STUDENTS PARTICIPATING IN CL ST 385 OR HIST 385; INSTRUCTOR PERMISSION REQUIRED
 Note: Meets international perspectives reqmt
 3884005 1 R 3:10-5:00
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

HIST OF AMER WOMEN HIST 386 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4187600 XW ARRANGED BIX A
 MEETS: JAN 13-MAY 8
 Note: COURSE RESTRICTED TO SOPHOMORE CLASSIFICATION AND ABOVE
 Section XW is off campus
 Course delivery is WWW

AMERI MILITARY HIST HIST 389 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 Instructor permission required 1st week.
 4189005 1 MWF 10:00-10:50 WOLTERS T
 MEETS: JAN 13-MAY 8

WORLD MILITARY HIST HIST 390 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 4190005 1 MWF 11:00-11:50 KEHRBERG R
 MEETS: JAN 13-MAY 8
 4190010 2 TR 9:30-10:50 MCDONNELL L
 MEETS: JAN 13-MAY 8

ROMAN CIVILIZATION HIST 403 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 4193005 1 MW 3:10-4:30 HOLLANDER D
 MEETS: JAN 13-MAY 8

LT MDDL AGES CRISES HIST 407 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE.
 9196005 1 MWF 11:00-11:50 BAILEY M
 MEETS: JAN 13-MAY 8

THE HOLOCAUST HIST HIST 410 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE.
 Meets international perspectives reqmt
 4447005 1 TR 2:10-3:30 BEST J
 MEETS: JAN 13-MAY 8

MOD MEXICO & C AMER HIST 441 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 1199005 1 TR 12:40-2:00 HERNANDEZ B
 MEETS: JAN 13-MAY 8

AMER REVOLUTION ERA HIST 451 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 Instructor permission required 1st week.
 8415005 1 MWF 1:10-2:00 KEHRBERG R
 MEETS: JAN 13-MAY 8

LAW&SOCIET U.S. HIS HIST 453 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 1216005 1 TR 2:10-3:30 SCHNEIDER W
 MEETS: JAN 13-MAY 8

EARLY AMER REPUBLIC HIST 454 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 4216005 1 TR 12:40-2:00 MCDONNELL L
 MEETS: JAN 13-MAY 8

U.S.CIVIL WAR&RECON HIST 455 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 4217005 1 TR 9:30-10:50 HILLIARD K
 MEETS: JAN 13-MAY 8
 Note: COURSE RESTRICTED TO SOPH & ABOVE

CHINA AND COLD WAR HIST 479 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH & ABOVE
 8450005 1 TR 11:00-12:20 WANG T
 MEETS: JAN 13-MAY 8

EXPERC III:HIST/SOC HIST 480A 2 CREDITS
 Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 8693005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY HIST 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN HISTORY; PERMISSION OF DEPARTMENT CHAIR
 Note: SOPHOMORE AND ABOVE CLASSIFICATION. NO MORE THAN 6 CREDITS OF HIST 490 MAY BE APPLIED TOWARD GRADUATION WITH A MAJOR IN HISTORY. NO CREDITS OF HIST 490 MAY BE APPLIED TOWARD A MINOR IN HISTORY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTRIOG&RESRCH WRT HIST 495 3 CREDITS
 Prereq: SR HISTORY MAJORS WITH AT LEAST 12 CR OF 300+ LEVEL HISTORY COURSES
 Note: COURSE RESTRICTED TO HIST SENIORS ONLY.
 4238005 1 M 11:00-1:50 BEHNKEN B
 MEETS: JAN 13-MAY 8
 4238010 2 T 1:10-4:00 BIX A
 MEETS: JAN 13-MAY 8

HISTORY

(CONTINUED)

MTHDS TCHG HIST/SOC HIST 498 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN C I 480A;
 ADMISSION TO TEACHER EDUC; 30 CREDITS IN SUBJECT-
 MATTER FIELD
 7032005 1 F 1:10-4:00 RUTENBERG A
 MEETS: JAN 13-MAY 8
 RDGS SMNR MOD RUSSN HIST 530 3 CREDITS
 Prereq: HIST 422
 5741005 1 R 2:10-5:00 ANDREWS J
 MEETS: JAN 13-MAY 8
 RDGS SMNR WMN&FMNST HIST 586 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2170005 1 W 1:10-4:00 RUTENBERG A
 MEETS: JAN 13-MAY 8
 SPECIAL TOPICS HIST 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS
 SEM 19TH CENTU AMER HIST 593B 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 4272005 1 T 5:10-8:00PM HILLIARD K
 MEETS: JAN 13-MAY 8
 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 1 ARRANGED
 MEETS: JAN 13-MAY 8
 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 3 CREDITS
 4292005 1 MW 3:10-4:00
 M 9:00-9:50
 MEETS: JAN 13-MAY 8
 4292010 2 MW 3:10-4:00
 M 11:00-11:50
 MEETS: JAN 13-MAY 8
 4292015 3 MW 3:10-4:00
 M 1:10-2:00
 MEETS: JAN 13-MAY 8
 FLORAL DESIGN HORT 131 2 CREDITS
 9661005 1 W 4:10-5:00
 W 5:10-7:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO HORT MAJORS ONLY
 9661010 2 W 4:10-5:00
 W 5:10-7:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN HORT
 9661015 3 W 4:10-5:00
 R 12:10-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO HORT MAJORS ONLY
 9661020 4 W 4:10-5:00
 R 12:10-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 4 FOR MAJORS OTHER THAN HORT
 9661025 5 W 4:10-5:00
 R 5:10-7:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 5 RESTRICTED TO HORT MAJORS ONLY
 9661030 6 W 4:10-5:00
 R 5:10-7:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 6 FOR MAJORS OTHER THAN HORT

HORTICULTURE

(CONTINUED)

FLORAL DESIGN HORT 131 2 CREDITS
 9661035 7 W 4:10-5:00
 R 5:10-7:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 7 RESTRICTED TO HORT MAJORS ONLY
 9661040 8 W 4:10-5:00
 R 5:10-7:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 8 FOR MAJORS OTHER THAN HORT
 WEDDING&EVNT FLORAL HORT 132X 2 CREDITS
 Prereq: HORT 131
 0367005 1 W 10:00-10:50
 W 11:00-12:50
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$450.00
 0367010 2 W 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$450.00
 PRIN HORTICULTR SCI HORT 221 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN BIOL 211
 4296005 1 TR 9:00-9:50
 T 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO HORT MAJORS ONLY
 4296010 2 TR 9:00-9:50
 R 2:10-4:00
 MEETS: JAN 13-MAY 8
 HOUSE PLANT INTSCAP HORT 233X 2 CREDITS
 0368005 1 R 2:10-3:00
 R 3:10-5:00
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$25.00
 UNDERSTAND WINE SCI HORT 276 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY
 4252005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 EDU YOUTH THRU HORT HORT 282 3 CREDITS
 7419005 1 MW 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 13-MAY 8
 Note: Materials, field trips &/or travel fee \$30.00
 PRO DEV:LNDSC CMPET HORT 291B 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: ONLY ONE CREDIT OF HORT 291A, 291B OR 291C
 MAY BE APPLIED TOWARD HORTICULTURE CREDITS FOR
 GRADUATION. NO MORE THAN FOUR CREDITS OF ANY
 COMBINATION OF HORT 291A, 291B OR 291C MAY BE APPLIED
 TOWARD CREDITS FOR GRADUATION.
 Satisfactory-Fail Only.
 9695000 1 ARRANGED
 MEETS: JAN 13-MAY 8
 PLANT PROPAGATION HORT 322 3 CREDITS
 Prereq: HORT 221 OR BIOL 211
 4304005 1 MW 8:00-8:50
 W 10:00-11:50
 MEETS: JAN 13-MAY 8
 4304010 2 MW 8:00-8:50
 W 1:10-3:00
 MEETS: JAN 13-MAY 8
 GREENHSE OPERAT&MGT HORT 332 4 CREDITS
 Prereq: HORT 221
 4306005 1 MWF 1:10-2:00
 M 2:10-5:00
 MEETS: JAN 13-MAY 8
 4306010 2 MWF 1:10-2:00
 W 2:10-5:00
 MEETS: JAN 13-MAY 8
 WOODY PLNT CULTIVRS HORT 341 2 CREDITS
 Prereq: HORT 240 OR L A 221 OR L A 222
 2770005 1 TR 8:00-8:50
 MEETS: JAN 13-MAY 8
 SOILS &PLANT GROWTH HORT 354 3 CREDITS
 Prereq: AGRON 182 OR EQUIVALENT; BIOL 101
 8494005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 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 W 1:10-4:00
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$125.00
 8496010 2 T 12:40-3:30
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$125.00
 8496020 4 T 12:40-3:30
 MEETS: JAN 13-MAY 8

HORTICULTURE (CONTINUED)

HORTICULTURE (CONTINUED)

PRIN GARDEN COMPOSI HORT 380 2 CREDITS
 7264005 1 TR 9:30-10:20
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 7284010 2 MW 1:10-3:00
 MEETS: JAN 13-MAY 8

HORT MGT EXPERIENCE HORT 391 1 CREDIT
 Prereq: HORT 221 OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 2 CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE HORTICULTURAL SCIENCES COURSE REQUIREMENTS.
 2 ADDITIONAL CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN HORT 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT RESOURCE AND
 CAREER CENTER COORDINATOR
 Satisfactory-Fail Only.
 3652005 1 ARRANGED
 MEETS: JAN 13-MAY 8

LANDSCP CONSTRU MGT HORT 444 3 CREDITS
 1037005 1 TR 11:00-12:20
 T 12:40-3:30
 MEETS: JAN 13-MAY 8
 Note: Materials, field trips &/or travel fee \$25.00

PROF TURFGRASS MGMT HORT 451 2 CREDITS
 Prereq: HORT 351
 4319005 1 TR 2:10-3:00
 MEETS: JAN 13-MAY 8

MGT DIS&PEST TGRASS HORT 452 3 CREDITS
 Prereq: HORT 351
 5311005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

VEGETABL PRODUC&MGT HORT 471 2 CREDITS
 Prereq: HORT 221
 4323005 1 MW 8:00-8:50
 MEETS: JAN 13-MAY 8
 Note: Materials, field trips &/or travel fee \$25.00

VEGTBL PROD&MGT LAB HORT 471L 1 CREDIT
 Prereq: JUNIOR OR SENIOR STATUS AND CONCURRENT
 ENROLLMENT IN HORT 471/571X IS REQUIRED
 1378005 1 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8

IND ST GREENHS CROP HORT 490A VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY NURS CROPS HORT 490B VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY TURFGRASS HORT 490C VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS HORT 490D VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY VEG CROPS HORT 490E VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CROSS-COMMO HORT 490F VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT HORT 490G VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HORT 490H VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
 FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY
 HONORS STUDENTS.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRNATL INDEP STDY HORT 490I VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR HORT 490J VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP HORT 491 1- 2 CREDITS
 Prereq: AGRON 338, ADVANCED APPROVAL AND
 PARTICIPATION OF EMPLOYER AND INSTRUCTOR
 Note: Instructor permission required.
 9370005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

SERV LEARN DOMESTC HORT 494B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: A MAXIMUM OF 4 CREDITS OF 494 MAY BE APPLIED
 TOWARD THE HORTICULTURE CREDITS REQUIRED FOR GRADUATN
 3163005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTRO DNA TECHNIQS HORT 542A 1 CREDIT
 Satisfactory-Fail Only.
 3106005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTR PROTEIN TECHNQ HORT 542B 1 CREDIT
 Satisfactory-Fail Only.
 7109005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTRO CELL TECHNIQS HORT 542C 1 CREDIT
 Satisfactory-Fail Only.
 3107005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

PERENNIAL GRASSES HORT 551 2 CREDITS
 Prereq: JUNIOR OR SENIOR OR GRAD CLASSIFICATION
 OR PERMISSION OF INSTRUCTOR
 4335005 1 MW 10:00-10:50
 MEETS: JAN 13-MAY 8

MGT DIS&PEST TGRASS HORT 552 3 CREDITS
 Prereq: HORT 351
 4336005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

VEGTBL PROD&MGT LAB HORT 571L 1 CREDIT
 0486005 1 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8

VEGETABL PRODUC&MGT HORT 571X 2 CREDITS
 Prereq: HORT 221
 0487005 1 MW 8:00-8:50
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$25.00

HORTICULTURE

(CONTINUED)

HOSPITALITY MANAGEMENT

(CONTINUED)

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 1 M 4:10-5:00
 MEETS: JAN 13-MAY 8

ADVANCED TOPICS HORT 690 VAR. CREDITS
 4348005 1 ARRANGED
 MEETS: JAN 13-MAY 8

RESEARCH SEMINAR HORT 696 1 CREDIT
 Satisfactory-Fail Only.
 8833005 1 W 4:10-5:30 BASSHAM D
 MEETS: JAN 13-MAY 8

HORT TEACH PRACTICM HORT 698 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 6171005 1 T 4:10-5:00
 MEETS: JAN 13-MAY 8

RSRCH GREENHSE CROP HORT 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH NURSERY CROPS HORT 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TURFGRASS HORT 699C VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH FRUIT CROPS HORT 699D VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH VEG CROPS HORT 699E VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH CROSS-COMMODT HORT 699F VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH LANDSCAP HORT HORT 699G VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOSPITALITY MANAGEMENT

INTRO HOSPTLY INDUS HSP M 101 3 CREDITS
 7306005 1A ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M MAJORS ONLY
 Course delivery is WWW

7306010 1B ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI, HSP M
 Course delivery is WWW

FOOD SAFETY CERT HSP M 133 1 CREDIT
 0086005 1 ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: Course delivery is WWW

0086010 2 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Course delivery is WWW

INTR HSPLY PFM ANLY HSP M 230 3 CREDITS
 4715005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: DELIVERY FEE: \$150.00
 Course delivery is WWW

HOSP SANITAT&SAFETY HSP M 233 3 CREDITS
 Note: CREDIT FOR EITHER HRI 392, OR HRI 233 AND HRI 333 MAY BE APPLIED TOWARD GRADUATION

4435005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO CUPS A, CUPS H, HSP M, EVENT MAJORS ONLY

4435010 2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED MAJORS OTHER THAN CUPS A, CUPS H HRI, HSP M, EVENT

GLOBAL TOURISM MGT HSP M 260 3 CREDITS
 Note: Meets international perspectives reqmt

6738005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO EVENT, HSP M MAJORS ONLY
 Course delivery is WWW

6738010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN EVENT, HSP M
 Course delivery is WWW

NON-ALCOHLC&CAFE OP HSP M 280 3 CREDITS
 Prereq: HSP M 101, HSP M 133
 0087005 1 M 10:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 8

CONTMPRARY CLUB MGT HSP M 289 3 CREDITS
 Prereq: HSP M 101

9247005 1 MW 3:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO EVENT, HSP M MAJORS ONLY
 Field trips & travel fee \$75.00

9247010 2 MW 3:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO EVENT MAJORS ONLY
 Field trips & travel fee \$75.00

HOSPITALITY LAW HSP M 315 3 CREDITS
 Prereq: HSP M 101
 Note: COURSE RESTRICTED TO HRI, HSP M, EVENT MAJORS ONLY

4369005 1 R 6:15-9:00PM
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M MAJORS ONLY

9570010 1B MW 2:10-3:30
 MEETS: JAN 13-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI, HSP M.

FOOD PRODUCTION MGT HSP M 380 3 CREDITS
 Prereq: HSP M 233 OR 2 CREDITS IN MICRO;
 FS HN 111 OR FS HN 214; FS HN 115 OR FS HN 215;
 JUNIOR CLASSIFICATION; ENROLLMENT IN HSP M 380L
 Note: Instructor permission required.

4358005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

FOOD PROD MGT EXPER HSP M 380L 3 CREDITS
 Prereq: HSP M 233 OR 2 CREDITS IN MICRO;
 FS HN 111 OR FS HN 214; FS HN 115 OR FS HN 215;
 JUNIOR CLASSIFICATION; ENROLLMENT IN HSP M 380
 Note: Instructor permission required.

4359005 1 TR 10:00-1:00
 MEETS: JAN 13-MAY 8

4359010 2 WF 10:00-1:00
 MEETS: JAN 13-MAY 8

4359015 3 TR 4:15-7:15PM
 MEETS: JAN 13-MAY 8

INTRO WINE, BEER, SPI HSP M 383 2 CREDITS
 Prereq: MUST BE AT LEAST 21 YEARS OLD

4108005 1A R 3:40-5:30
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO CUPSA, CUPSH, HRI, HSP M, EVENT MAJORS ONLY

4108010 1B R 3:40-5:30
 MEETS: JAN 13-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN CUPSA, CUPSH EVENT, HRI, HSP M

4108015 2A T 3:40-5:30
 MEETS: JAN 13-MAY 8
 Note: SEC 2A RESTRICTED TO CUPSA, CUPSH, HRI, HSP M, EVENT MAJORS ONLY

4108020 2B T 3:40-5:30
 MEETS: JAN 13-MAY 8
 Note: SEC 2B FOR MAJORS OTHER THAN CUPSA, CUPSH, EVENT, HRI, HSP M

INTR WINE, SPRTS LAB HSP M 383L 1 CREDIT
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN HSP M 383. MUST BE AT LEAST 21 YEARS OLD.

8018005 1 F 1:10-3:00
 MEETS: JAN 13-MAY 8

HSP INDUS BEER&BREW HSP M 385X 1 CREDIT
 Prereq: HSP M 383 OR CONCURRENT ENROLLMENT. MUST BE 21 YEARS OLD.

0155005 1 W 4:40-6:30PM
 MEETS: MARCH 9-MAY 8
 Note: Materials and equipment use fee \$70.00

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 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

HOSPITALITY MANAGEMENT (CONTINUED)

HOSPITL FINANCL MGT HSP M 433 3 CREDITS
 Prereq: HSP M 333; ACCT 284; ECON 101; CREDIT OR ENROLLMENT IN STAT 101
 9349005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

LODGING OPER MGT II HSP M 452 3 CREDITS
 Prereq: HSP M 352; CR OR ENROLLMENT IN HSP M 333
 6696005 1 MW 4:10-5:30
 MEETS: JAN 13-MAY 8

STRATG MGT HOSP TLTY HSP M 455 3 CREDITS
 Prereq: AESHM 238 AND AESHM 340; CREDIT OR ENROLLMENT IN HSP M 433
 9580005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

INTERNSHIP HOSP TLTY HSP M 470 3- 6 CREDITS
 Prereq: AESHM 270, AESHM 211, 9 CREDITS IN HSP M, MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; EMPLOYER AND LOCATION MUST BE DIFFERENT THAN THOSE USED FOR AESHM 170 AND 270.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ISSUES FOOD SAFETY HSP M 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
 8349005 1 M 2:10-3:00
 MEETS: JAN 13-MAY 8

IND ST HOSP LITY 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 13-MARCH 6
 Note: Course delivery is WWW

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 13-MAY 8

TOURISM MGT&TR BHVR HSP M 560 3 CREDITS
 Prereq: HSP M 260 OR EQUIVALENT
 4610005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SP TOP HOSP TLTY MGT HSP M 590B VAR. CREDITS
 Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LODGING OPER HSP M 590D VAR. CREDITS
 Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CMMRC FDSRV HSP M 590E VAR. CREDITS
 Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HSP M 599 VAR. CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOSPITALITY MANAGEMENT (CONTINUED)

PROFESSIONL WRITING HSP M 604 2 CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM
 8484005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADMINISTRA PROBLEMS HSP M 608 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; ENROLLMENT IN PH.D. PROGRAM
 Note: Instructor permission required 1st week.
 4399005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV TOP HSPTLTY MGT HSP M 690B VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION OF APPLICATION TO DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS TOURISM HSP M 690C VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION OF APPLICATION TO DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC LODGING HSP M 690D VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION OF APPLICATION TO DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ONSITE FDSV HSP M 690F VAR. CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION OF APPLICATION TO DEPARTMENT
 2801008 CS ARRANGED
 MEETS: JAN 13-MAY 8

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

METHDS HUMAN&CMPUTR HCI 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7055005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

7055600 XW ARRANGED SLAVINA A
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

COMPUT IMPL&PROTYP HCI 574 3 CREDITS
 9226005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

9226600 XW ARRANGED HARDING C
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

COMPUTATNL PERCEPTN HCI 575 3 CREDITS
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN
 3245005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

DESIGN AND ETHICS HCI 589 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 4956005 1 ARRANGED RICE K
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

SPECIAL TOPICS HCI 590 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HCI 599 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 XV ARRANGED KAVANAUGH S
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW

3491605 XW ARRANGED CHEN C
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

3491005 1A TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO COLLEGE OF HUMAN SCIENCES MAJORS ONLY.

3491010 1B TR 9:30-10:50
 MEETS: JAN 13-MAY 8

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

NEW TRANSFR 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 1 M 2:10-3:00
 MEETS: JAN 13-MAY 8

PRSNL FIN ERLY ADLT HD FS 183 1 CREDIT
 Satisfactory-Fail Only.
 7594600 XK ARRANGED BARTHOLOMAE S
 MEETS: JAN 13-MAY 8
 Note: Section XK is off campus
 Course delivery is WWW

7594605 XU ARRANGED BARTHOLOMAE S
 MEETS: MARCH 9-MAY 8
 Note: Section XU is off campus
 Course delivery is WWW

ECE TEACHER ORIENTN HD FS 208 1 CREDIT
 Prereq: CLASSIFICATION AS AN ECE MAJOR
 Note: COURSE RESTRICTED TO ECE MAJORS ONLY
 Satisfactory-Fail Only.
 4389005 1 W 1:10-2:00
 MEETS: JAN 13-MAY 8

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 1 W 12:10-2:00
 MEETS: JAN 13-MAY 8
 Note: FIELD TRIPS & TRAVEL FEE: \$45.00

CHILD DEVELP&HEALTH HD FS 223 3 CREDITS
 1239600 XW ARRANGED RYU D
 MEETS: JAN 13-MAY 8
 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.
 COURSE RESTRICTED TO CH FS, ECE, FCEDS MAJORS
 Department permission required 1st week.
 7011005 1 TR 12:40-2:00
 M 9:00-11:00
 MEETS: JAN 13-MAY 8
 Note: PROFESSIONAL SUPPORT FEE: \$25.00

7011010 2 TR 12:40-2:00
 T 9:00-11:00
 MEETS: JAN 13-MAY 8
 Note: PROFESSIONAL SUPPORT FEE: \$25.00

7011015 3 TR 12:40-2:00
 W 9:00-11:00
 MEETS: JAN 13-MAY 8
 Note: PROFESSIONAL SUPPORT FEE: \$25.00

7011020 4 TR 12:40-2:00
 R 9:00-11:00
 MEETS: JAN 13-MAY 8
 Note: PROFESSIONAL SUPPORT FEE: \$25.00

7011025 5 TR 12:40-2:00
 F 9:00-11:00
 MEETS: JAN 13-MAY 8
 Note: PROFESSIONAL SUPPORT FEE: \$25.00

7011030 6 TR 12:40-2:00
 M 3:10-5:00
 MEETS: JAN 13-MAY 8
 Note: PROFESSIONAL SUPPORT FEE: \$25.00

7011035 7 TR 12:40-2:00
 T 3:10-5:00
 MEETS: JAN 13-MAY 8
 Note: PROFESSIONAL SUPPORT FEE: \$25.00

7011040 8 TR 12:40-2:00
 W 3:10-5:00
 MEETS: JAN 13-MAY 8
 Note: PROFESSIONAL SUPPORT FEE: \$25.00

7011045 9 TR 12:40-2:00
 R 3:10-5:00
 MEETS: JAN 13-MAY 8
 Note: PROFESSIONAL SUPPORT FEE: \$25.00

7011050 10 TR 12:40-2:00
 F 3:10-5:00
 MEETS: JAN 13-MAY 8
 Note: PROFESSIONAL SUPPORT FEE: \$25.00

ADOLESC&EMRGING ADU HD FS 227 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 6972600 XW ARRANGED DENLINGER M
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ADULT DEVELOPMENT HD FS 234 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 3401005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

CONSUMER ISSUES HD FS 239 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3494005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

LIT FOR CHILDREN HD FS 240 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2194005 A1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO CH FS, ECE, EL ED,
 FCEDS MAJORS ONLY

2194010 A2 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN CH FS, ECE, EL ED,
 FCEDS

PRNT&FAM DVRSTY ISS HD FS 249 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2207005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS &
 F C P MAJORS ONLY.

2207010 2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN CH FS, ECE, FCEDS,
 F C P

FAMILY CMM&RELATNSH HD FS 270 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 Note: Meets U.S. diversity reqmt
 7012005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

HUMAN SEXUALITY HD FS 276 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3496005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

3496010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

3496015 3 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

3496600 XJ ARRANGED BARNETT N
 MEETS: JAN 13-MAY 8
 Note: Section XJ is off campus
 Course delivery is WWW

3496605 XV ARRANGED MOODY S
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW

3496610 XW ARRANGED MIOCEVIC O
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

PRSNL&FAMILY FINANC HD FS 283 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3499005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

3499600 XW ARRANGED STECKELBERG C
 MEETS: JAN 13-MAY 8
 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.
 RESTRICTED TO STUDENTS ADMITTED TO TEACHER ED.

8686005 1 TR 3:40-5:00
 M 9:00-12:00
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

8686010 2 TR 3:40-5:00
 T 9:00-12:00
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

8686015 3 TR 3:40-5:00
 W 9:00-12:00
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

8686020 4 TR 3:40-5:00
 R 9:00-12:00
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

8686025 5 TR 3:40-5:00
 F 9:00-12:00
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

GUIDNC&GRP ERLY CHD HD FS 342 3 CREDITS
 Prereq: HD FS 103, HD FS 224
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS MAJORS.
 LAB LOCATIONS ASSIGNED AT FIRST LECTURE.
 Department permission required 1st week.

3414005 1 TR 2:10-3:00
 M 12:10-1:00
 MEETS: JAN 13-MAY 8

3414010 2 TR 2:10-3:00
 T 12:10-1:00
 MEETS: JAN 13-MAY 8

3414015 3 TR 2:10-3:00
 W 12:10-1:00
 MEETS: JAN 13-MAY 8

3414020 4 TR 2:10-3:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 8

3414025 5 TR 2:10-3:00
 F 12:10-1:00
 MEETS: JAN 13-MAY 8

3414030 6 TR 2:10-3:00
 M 3:10-4:00
 MEETS: JAN 13-MAY 8

3414035 7 TR 2:10-3:00
 T 3:10-4:00
 MEETS: JAN 13-MAY 8

3414040 8 TR 2:10-3:00
 W 3:10-4:00
 MEETS: JAN 13-MAY 8

3414045 9 TR 2:10-3:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 8

3414050 10 TR 2:10-3:00
 F 3:10-4:00
 MEETS: JAN 13-MAY 8

ASESMT&CURR:AGE 3-6 HD FS 343 4 CREDITS
 Prereq: HD FS 103, HD FS 224, HD FS 240,
 ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: COURSE LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST
 LECTURE CLASS.
 RESTRICTED TO STUDENTS ADMITTED TO TEACHER ED

2205005 1 TR 3:40-5:00
 M 9:00-12:00
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

2205010 2 TR 3:40-5:00
 T 9:00-12:00
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

2205015 3 TR 3:40-5:00
 W 9:00-12:00
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

2205020 4 TR 3:40-5:00
 R 9:00-12:00
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

2205025 5 TR 3:40-5:00
 F 9:00-12:00
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

CHILD EARLY CARE&ED HD FS 344 4 CREDITS
 Prereq: HD FS 103, HD FS 224
 Note: COURSE RESTRICTED TO CH FS MAJORS ONLY.

1351005 1 TR 9:30-10:50
 M 2:10-5:30
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

1351010 2 TR 9:30-10:50
 T 2:10-5:30
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

1351015 3 TR 9:30-10:50
 W 2:10-5:30
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

1351020 4 TR 9:30-10:50
 R 2:10-5:30
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

1351025 5 TR 9:30-10:50
 F 2:10-5:30
 MEETS: JAN 13-MAY 8
 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 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

ABUSE&ILL IN FAMILI HD FS 367 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230

9193005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS, F C P
 MAJORS ONLY

9193600 XW ARRANGED KIM D
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

RSEARCH METHDS HDFHS HD FS 369 3 CREDITS
 Prereq: HD FS 102 OR PSYCH 230; 9 HOURS IN
 HD FS; JUNIOR OR SENIOR CLASSIFICATION

3343005 1 MWF 10:00-10:50
 M 8:00-8:50
 MEETS: JAN 13-MAY 8

3343010 2 MWF 10:00-10:50
 W 8:00-8:50
 MEETS: JAN 13-MAY 8

3343015 3 MWF 10:00-10:50
 F 8:00-8:50
 MEETS: JAN 13-MAY 8

DEATH PART OF LIVNG HD FS 373 3 CREDITS
 Prereq: HD FS 102

3505600 XW ARRANGED LEE J
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

RETIREM PLN&BENEFTS HD FS 378 3 CREDITS
 Prereq: 3 CREDITS IN INTRODUCTORY ECONOMICS
 Note: Meets U.S. diversity reqmt

5751005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

FAMLY INSURNC PLNNG HD FS 384X 3 CREDITS
 0512005 1 T 5:30-8:30PM
 MEETS: JAN 13-MAY 8

CHLD, FAM&PUB POLCY HD FS 395 3 CREDITS
 Prereq: HD FS 369 OR EQUIVALENT

1155005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

SUP TCH EARLY SP ED HD FS 417C 8 CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION PROGRAM, HD FS 455; HD FS 456
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

2213005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER. PROFESSIONAL SUPPO
 RT AND FIELD TRIPS & TRAVEL FEE: \$225.00
 Professional support, field trips &/or
 travel fee \$225.00

2213015 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER. PROFESSIONAL SUPPO
 RT AND FIELD TRIPS & TRAVEL FEE: \$225.00
 Professional support, field trips &/or
 travel fee \$225.00

2213010 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER. PROFESSIONAL SUPPOR
 T AND FIELD TRIPS & TRAVEL FEE: \$225.00
 Professional support, field trips &/or
 travel fee \$225.00

2213020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER. PROFESSIONAL SUPPOR
 T AND FIELD TRIPS & TRAVEL FEE: \$225.00
 Professional support, field trips &/or
 travel fee \$225.00

PRO PRAC RFLCT:TCHG HD FS 418A .5 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN HD FS 417
 Satisfactory-Fail Only.

4952005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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 1 W 3:10-5:00
 MEETS: JAN 13-MAY 8

PRG EVAL&PROPOS WRI HD FS 449 3 CREDITS
 Prereq: HD FS 369
 Note: COURSE RESTRICTED TO CH FS, F C P, FCEDS, KIN
 JR & SR'S ONLY

2221005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

CURR--AGES 3 THRU 6 HD FS 455 4 CREDITS
 Prereq: HD FS 343, HD FS 345, SP ED 405 AND SP ED
 458
 Note: BACKGROUND CHECK IS REQUIRED - ASSOCIATED COSTS
 ARE THE RESPONSIBILITY OF THE STUDENT.

2222005 1 TR 12:40-2:00
 M 8:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

2222010 2 TR 12:40-2:00
 T 8:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

2222015 3 TR 12:40-2:00
 R 8:00-11:50
 MEETS: JAN 13-MAY 8

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

CURR--AGES 3 THRU 6 HD FS 455 4 CREDITS
 Note: Department permission required 1st week.
 2222020 4 TR 12:40-2:00
 F 8:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Department permission required 1st week.

WRK W FAM E INTERVN HD FS 456 3 CREDITS
 Prereq: HD FS 340 OR HD FS 344; OR PERMISSION OF INSTRUCTOR; CURRENT BACKGROUND CHECK
 7563005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

ENVIR FOR THE AGING HD FS 463 3 CREDITS
 Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH, INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
 Note: Meets U.S. diversity reqmt
 3522605 XG ARRANGED
 MEETS: JAN 21-MAY 8
 Note: Meets U.S. diversity reqmt
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 3522600 XW ARRANGED MARTIN P
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

FAMILY INTERACT DYN HD FS 479 3 CREDITS
 Prereq: HD FS 102 OR EQUIVALENT; HD FS 369 OR EQUIVALENT; 9 HOURS IN SOCIAL SCIENCES; JUNIOR OR SENIOR STATUS
 3524005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

GROUP INTL STUDY HD FS 481X 1- 3 CREDITS
 Prereq: PERMISSION BY APPLICATION
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2020
 0489005 1 F 9:00-10:50
 MEETS: JAN 13-MAY 8

ESTATE PLN FAMILIES HD FS 484 3 CREDITS
 Prereq: HD FS 283
 4052005 1 M 5:30-8:30PM
 MEETS: JAN 13-MAY 8

ADMIN HUMN SVC PROG HD FS 486 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION; 6 CREDITS IN HD FS AT 300 LEVEL AND ABOVE
 Note: COURSE RESTRICTED TO CH FS, FCEDS MAJORS ONLY
 3619005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

FINANC COUNSEL LAB HD FS 489L 1 CREDIT
 Prereq: HD FS 283
 8102005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY HD FS 490 VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H VAR. CREDITS
 Prereq: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4- 9 CREDITS
 Prereq: HD FS 418B; PERMISSION OF INSTRUCTOR; SENIOR CLASSIFICATION; MINIMUM 2.0 GPA
 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

QLTVE RESRCH METHDS HD FS 504 3 CREDITS
 Prereq: 9 CREDITS OF SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR
 7641005 1 W 6:00-8:40PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO HD FS, GERON MAJORS ONLY
 7641010 2 W 6:00-8:40PM
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN HD FS, GERON

APP QNTVE RSRCH MTH HD FS 505 3 CREDITS
 Prereq: HD FS 503 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO HD FS MAJORS ONLY
 7057005 1 T 1:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8
 7057010 2 T 1:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8
 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
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO HD FS MAJORS ONLY
 7701010 2 M 9:00-11:40
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN HD FS

ADULT DEVELOPMENT HD FS 534 3 CREDITS
 1287600 XG ARRANGED
 MEETS: PARTIAL TERM
 Note: Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ENVIR FOR THE AGING HD FS 563 3 CREDITS
 Prereq: HD FS 360 OR 3 CREDITS IN HOUSING, ARCHITECTURE, INTERIOR DESIGN, REHABILITATION, PSYCHOLOGY, OR HUMAN DEVELOPMENT AND FAMILY STUDIES OR PERMISSION OF INSTRUCTOR
 Note: Meets U.S. diversity reqmt
 4474600 XG ARRANGED
 MEETS: JAN 21-MAY 8
 Note: THIS COURSE IS TAUGHT THROUGH GREAT PLAINS IDEA EMAIL GPIDEAINFO@IASTATE.EDU ABOUT ENROLLING
 Meets U.S. diversity reqmt
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

CROSS-CULTR PERSPCT HD FS 575 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 3556005 1 W 1:10-3:50
 MEETS: JAN 13-MAY 8

AGING IN FAMLY SETT HD FS 577 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR
 3557600 XG ARRANGED
 MEETS: JAN 21-MAY 7
 Note: THIS COURSE IS TAUGHT THROUGH GREAT PLAINS IDEA. EMAIL GPIDEAINFO@IASTATE.EDU ABOUT ENROLLING.
 Meets international perspectives reqmt
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

FINANC COUNSEL LAB HD FS 589L 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 3510005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SP TOP HUMAN,FAMILY HD FS 590I VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV,FAMLY HD FS 591I VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HD FS 599 VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV QUALITVE METHDS HD FS 604 3 CREDITS
 Prereq: HD FS 504 OR PERMISSION OF INSTRUCTOR
 3586005 1 R 9:00-11:40
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO HD FS MAJORS ONLY
 3586010 2 R 9:00-11:40
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN HD FS
 3586605 XE R 9:00-11:40 JORDAN T
 MEETS: JAN 13-MAY 8
 Note: Section XE is off campus
 Course delivery is Videostreaming
 3586600 XW ARRANGED JORDAN T
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

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
 MEETS: JAN 13-MAY 8
 Note: SEC 1 FOR HD FS MAJORS ONLY
 4011010 2 W 9:00-11:40
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN HD FS

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

ADV TOP HUMAN, FAML, HD FS 690I VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSP HD FS 691A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP HD FS 691B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO EXPR INTERNSHP HD FS 691D VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699I VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL DESIGN (CONTINUED)

IND DSN MATRLS&PROC IND D 334 3 CREDITS
 Prereq: IND D 201, IND D 231
 9613005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO IND D MAJORS ONLY
 FIELD TRIP FEE OF \$35 APPLIES
 Course delivery is WWW

9613010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN IND D
 FIELD TRIP FEE OF \$35 APPLIES
 Course delivery is WWW

9613600 XW ARRANGED NEUBAUER D
 MEETS: JAN 13-MAY 8
 Note: RESTRICTED TO DISTANCE STUDENTS ONLY.
 Section XW is off campus
 Course delivery is WWW

HUMAN SCIENCES

DIALOG ON DIVERSITY H SCI 150 1 CREDIT
 Note: Meets U.S. diversity reqmt
 6929005 1 T 5:10-6:30PM
 MEETS: MARCH 9-MAY 8
 6929010 2 T 1:10-3:00
 MEETS: MARCH 9-MAY 8
 6929015 3 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 3 IS FOR STUDENTS IN GREEK AFFAIRS

IND STDY ENTREPRNSH H SCI 490E 1- 4 CREDITS
 5101005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

CPTR-AID INDUS DS I IND D 341 3 CREDITS
 Prereq: IND D 301
 6026005 1 TR 8:00-10:50
 MEETS: JAN 13-MAY 8
 Note: MATERIALS AND EQUIPMENT USE FEE: \$150.00
 Materials and equipment use fee \$150.00

HIST INDUS DSIGN II IND D 388 3 CREDITS
 Prereq: 30 CREDITS EARNED AT ISU
 2614005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

INDUS DSN INTERNSHP IND D 397 6 CREDITS
 Prereq: IND D 202, 18 CR IN INDUSTRIAL DESIGN,
 PERMISSION OF INSTRUCTOR
 6164005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

SPL TOPCS:3-D DSIGN IND D 490C VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IMMUNOBIOLOGY

SEMINAR IMMUNOBIOLG IMBIO 604 1 CREDIT
 5949005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CMPTV IMMNL&INF DIS IMBIO 661 2 CREDITS
 Prereq: GRADUATE-LEVEL IMMUNOLOGY OR PERMISSION
 OF INSTRUCTOR
 3038005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS IMBIO 690 VAR. CREDITS
 5986005 1 ARRANGED
 MEETS: JAN 13-MAY 8

GRAD RSEARCH ROTATN IMBIO 697 VAR. CREDITS
 5991005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

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 13-MAY 8
 3037010 2 MWF 9:00-12:20
 MEETS: JAN 13-MAY 8
 3037015 3 MWF 1:10-4:20
 MEETS: JAN 13-MAY 8
 3037020 4 MWF 1:10-4:20
 MEETS: JAN 13-MAY 8

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 1 MWF 9:00-12:20
 MEETS: JAN 13-MAY 8

DESIGN THINKING IND D 532 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING IN ANY ISU
 PROGRAM, OR PERMISSION OF INSTRUCTOR
 3113005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 3113600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: RESTRICTED TO DISTANCE STUDENTS ONLY.
 Section XW is off campus
 Course delivery is WWW

INDUSTRIAL DESIGN

INDUS DSGN STDIO II IND D 202 6 CREDITS
 Prereq: IND D 201
 5972005 1 MWF 9:00-12:20
 MEETS: JAN 13-MAY 8
 5972010 2 MWF 1:10-4:30
 MEETS: JAN 13-MAY 8
 5972015 3 MWF 1:10-4:30
 MEETS: JAN 13-MAY 8
 5972020 4 MWF 9:00-12:20
 MEETS: JAN 13-MAY 8

CREATIV THINK IND D IND D 232 3 CREDITS
 Prereq: IND D 231
 5962005 1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO IND D MAJORS ONLY
 5962010 2 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN IND D.

SURV HOW THINGS WRK IND D 270 3 CREDITS
 4442005 1 TR 4:10-5:30
 MEETS: JAN 13-MAY 8

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 13-MAY 8

PRODUCT REALIZATION IND D 534 3 CREDITS
 Prereq: ADMISSION INTO THE INDUSTRIAL DESIGN
 INTENSIVE TRACK, IND D 301, OR PERMISSION OF
 INSTRUCTOR
 9636005 1 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

CPTR AIDED INDU DSN IND D 541 3 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
 OR PERMISSION OF INSTRUCTOR
 3135005 1 TR 8:00-10:50
 MEETS: JAN 13-MAY 8

PORTFOLIO&PRO PRCTC IND D 543 3 CREDITS
 Prereq: ADVANCED STANDING IN IND D PROGRAM
 3176005 1 TR 9:30-11:50
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS IND D 590 3 CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
 OR PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROJECTS IND D 592 VAR. CREDITS
 Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR
 PERMISSION OF INSTRUCTOR
 Note: OFFERED FOR 6 CREDITS SPRING 2020
 4181005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.
 4181010 2 ARRANGED
 MEETS: JAN 13-MAY 8

INDUSTRIAL DESIGN (CONTINUED)

GRADUATE PROJECT II IND D 602 6 CREDITS
 Prereq: IND D 601
 7674005 1 ARRANGED
 MEETS: JAN 13-MAY 8

THESIS PREPARATION IND D 632 3 CREDITS
 Prereq: IND D 631
 3001005 1 ARRANGED
 MEETS: JAN 13-MAY 8

THESIS IND D 699 6 CREDITS
 Prereq: IND D 632
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING

INDUS ENGR PROFESSN I E 101 R CREDIT
 Satisfactory-Fail Only.
 4402005 1 T 3:40-5:00
 MEETS: JAN 13-MAY 8

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 E 160, C E 160, M E 160, CPR E 185, E E 185,
 S E 185.
 5037005 1 TR 10:00-11:50
 MEETS: JAN 13-MAY 8
 5037010 2 TR 12:10-2:00
 MEETS: JAN 13-MAY 8

METHDS SYS IMPRVMTS I E 222 3 CREDITS
 Prereq: I E 248; CREDIT OR ENROLLMENT IN I E 271
 Note: COURSE RESTRICTED TO I E MAJORS ONLY
 5140005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 5140010 2 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

APP ERGON& WORK DSN I E 271 3 CREDITS
 Prereq: PHYS 221
 Note: COURSE RESTRICTED TO I E MAJORS ONLY
 5169005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 5169010 2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

ENGR ECONOMIC ANALY I E 305 3 CREDITS
 Prereq: MATH 166
 Note: SEC A1,B1,ETC RESTRICTED TO I E MAJORS ONLY.
 SEC A2,B2,ETC FOR TO MAJORS OTHER THAN I E.
 4425005 A1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 4425010 A2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 4425015 B1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 4425020 B2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

SOLIDIFICATN PROCES I E 348 3 CREDITS
 Prereq: I E 248 AND MAT E 273, OR MAT E 215
 Note: COURSE RESTRICTED TO I E, MAT E ONLY, OTHER
 MAJORS BY PERMISSION OF INSTRUCTOR. LECTURE MEETS
 30 OF 45 PERIODS. SEE SYLLABUS. 2-PART COURSE.
 REGISTER FOR NUMBERED SECTION FIRST AND THEN
 LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR
 BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE
 COURSE DUE TO INCOMPLETE REGISTRATION.
 5810200 A MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 5810005 1 T 8:00-9:50
 MEETS: JAN 13-MAY 8
 5810010 2 R 8:00-9:50
 MEETS: JAN 13-MAY 8
 5810015 3 T 10:00-11:50
 MEETS: JAN 13-MAY 8
 5810020 4 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 5810025 5 T 1:10-3:00
 MEETS: JAN 13-MAY 8
 5810030 6 R 1:10-3:00
 MEETS: JAN 13-MAY 8
 5810035 7 T 3:10-5:00
 MEETS: JAN 13-MAY 8
 5810040 8 M 1:10-3:00
 MEETS: JAN 13-MAY 8
 5810045 9 F 1:10-3:00
 MEETS: JAN 13-MAY 8
 5810050 10 M 3:10-5:00
 MEETS: JAN 13-MAY 8
 5810055 11 W 3:10-5:00
 MEETS: JAN 13-MAY 8
 5810060 12 R 3:10-5:00
 MEETS: JAN 13-MAY 8

INDUSTRIAL ENGINEERING (CONTINUED)

STAT QUALITY ASSURN I E 361 3 CREDITS
 Prereq: STAT 231 OR STAT 301 OR STAT 326 OR
 STAT 401
 4416005 1 T 3:40-5:30
 MEETS: JAN 13-MAY 8
 Note: SEC 1 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 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

DSGN APPS SYS IMPRV I E 422X 3 CREDITS
 Prereq: CREDIT IN I E 222, I E 271, I E 305,
 I E 361, AND CREDIT OR ENROLLMENT IN I E 413;
 OR PERMISSION OF INSTRUCTOR
 0339005 1 T 2:10-3:30
 TR 8:00-10:50
 MEETS: JAN 13-MAY 8

ENTREPREN PROD ENGR I E 430X 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 0344005 1 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

PRDCT ENG DSN PRJCT I E 434X 3 CREDITS
 Prereq: I E 430 OR ENGR 430
 0340005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

INDUSTR ENGR DESIGN I E 441 3 CREDITS
 Prereq: I E 248, I E 271, I E 361; CREDIT OR
 ENROLLMENT IN 341, 413, AND 448
 Note: COURSE RESTRICTED TO I E, IMSE MAJORS ONLY
 4432005 1 M 2:10-3:00
 MWF 12:10-2:00
 MEETS: JAN 13-MAY 8
 4432010 2 M 2:10-3:00
 MWF 3:10-5:00
 MEETS: JAN 13-MAY 8

BIOMED DESIGN & MFG I E 447 3 CREDITS
 Prereq: THREE SEMESTERS OR LESS BEFORE GRADUATION
 OR GRADUATE STANDING
 2886005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

MANUFACT SYSTM ENGR I E 448 3 CREDITS
 Prereq: I E 248, I E 305
 Note: COURSE RESTRICTED TO I E MAJORS ONLY.
 6090005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

ENGRS TECHN SALES I I E 450 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN I E 305
 8885005 1 W 6:10-9:00PM
 MEETS: JAN 13-MAY 8

TECHNICAL SALES II I E 451 3 CREDITS
 Prereq: I E 450
 9088005 1 M 6:10-9:00PM
 MEETS: JAN 13-MAY 8

INTRO ENGR&SYS MGMT I E 463X 3 CREDITS
 Prereq: STAT 231 OR STAT 305 OR EQUIVALENT,
 UPPERCLASSMAN STANDING AND PERMISSION OF INSTRUCTOR
 0525005 1 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8

MULTIDISC ENGR DSGN I E 466 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF
 GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR
 1902005 1 MWF 3:10-5:00
 MEETS: JAN 13-MAY 8

DATA MINING I E 483 3 CREDITS
 Prereq: IE 148, I E 312, STAT 231
 7175005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY I E 490 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I E 490H 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
 UNIV HONORS PROGRAM MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING (CONTINUED)

INDUSTRIAL ENGINEERING (CONTINUED)

I E GRAD SEMINAR I E 501 R CREDIT
 Prereq: ENROLLMENT IN GRADUATE PROGRAM IN INDUSTRIAL ENGINEERING.
 Satisfactory-Fail Only.
 3550005 1 W 4:10-5:00
 MEETS: JAN 13-MAY 8

ADV ENG ECNMY:CMPLX I E 505 3 CREDITS
 Prereq: I E 305, MATH 265, MATH 267, STAT 231, OR PERMISSION OF INSTRUCTOR
 9913005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

PRODUCTION SCHEDULG I E 514 3 CREDITS
 Prereq: I E 312, I E 341
 4451005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

RELIABILITY I E 533 3 CREDITS
 Prereq: STAT 342 OR STAT 432 OR STAT 447
 4458005 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 4458600 XW ARRANGED MEEKER W
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

RELIABLT&SAFTY ENG I E 537 3 CREDITS
 Prereq: STAT 231 OR STAT 401
 7624005 1 M 4:10-7:00PM
 MEETS: JAN 13-MAY 8

INVENTORY&PROD PLAN I E 541 3 CREDITS
 Prereq: I E 341
 4463005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

BIOMED DESIGN & MFG I E 547 3 CREDITS
 Prereq: TWO SEMESTERS OR LESS UNTIL GRADUATION
 2899005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

DECISION ANALYSIS I E 564 3 CREDITS
 Prereq: COURSE IN PROBABILITY AND STATISTICS
 9833005 1 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

SYST ENGR & ANALYSIS I E 565 3 CREDITS
 Prereq: COURSEWORK IN BASIC STATISTICS
 Note: I E MAJORS MAY NOT APPLY CREDIT IN I E 565, E E 565, AER E 565 TOWARD DEGREE REQUIREMENTS
 8932005 1 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO ENG M, IE, IMSE, SYS E GRADUATES ONLY
 8932010 2 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN ENG M, IE, IMSE, SYS E GRADUATES

SYS ENGR&PROJCT MGT I E 570 3 CREDITS
 Prereq: COURSEWORK IN BASIC STATISTICS
 6113005 1 R 6:00-9:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO ENG M, I E, IMSE, SYS E GRADUATES ONLY
 6113010 2 R 6:00-9:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN ENG M, I E, IMSE, SYS E GRADUATES. UNDERGRADS ONLY BY PERMISSION OF DEPARTMENT

HUMAN-CPTR INTERACT I E 572 3 CREDITS
 Prereq: I E 271 OR GRADUATE CLASSIFICATION
 5310005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

KNOWLEDGE DISCOVERY I E 583 3 CREDITS
 Prereq: I E 148, I E 312, STAT 231
 7176005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS I E 590 1- 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT I E 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTEGER PROGRAMMING I E 632 3 CREDITS
 Prereq: I E 534
 4484005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

RESEARCH I E 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INFORMATION ASSURANCE

CYBER DEFENS COMPET INFAS 332 1 CREDIT
 Satisfactory-Fail Only.
 2749005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INFORMATION WARFARE INFAS 532 3 CREDITS
 Prereq: CPR E 531
 8092005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

INFO ASSUR LEGAL&ET INFAS 534 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, CPR E 531
 INFAS 531
 Note: RESTRICTED TO E CPE, COM S, AND INFAS GRAD STUDENTS ONLY
 8095005 1 M 6:10-9:00PM PETERS K
 MEETS: JAN 13-MAY 8
 8095600 XW ARRANGED PETERS K
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$570.00

STEGANO&DGT FORNSC INFAS 535 3 CREDITS
 Prereq: MATH 307 OR COM S 330 OR E E 524
 8509005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

DATA-DRV SECUR&PRIV INFAS 560 3 CREDITS
 Prereq: CPR E 531; COM S 474 OR COM S 573
 6366005 1 MW 2:10-3:30
 MEETS: JAN 13-MAY 8

SEMNR INFO ASSURANC INFAS 592 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5025005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INFO ASSUR CAPSTONE INFAS 632 3 CREDITS
 Prereq: CPR E 531, CPR E 532, CPR E 534
 1893005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTEGRATED STUDIO ARTS

CRTV VISUAL THINKNG ARTIS 201 3 CREDITS
 7938005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED DSN S, I DES MAJORS ONLY
 Course delivery is WWW
 7938010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN THE DESIGN COLLEGE
 Course delivery is WWW
 7938015 3 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 7938020 4 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

STUDIO FNDMTLS:WOOD ARTIS 202 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9264005 A1 MW 8:00-10:20
 F 8:00-10:20
 MEETS: JAN 13-MARCH 6
 9264010 A2 MW 8:00-10:20
 F 8:00-10:20
 MEETS: JAN 13-MARCH 6
 9264015 B1 MW 8:00-10:20
 F 8:00-10:20
 MEETS: MARCH 9-MAY 8
 9264020 B2 MW 8:00-10:20
 F 8:00-10:20
 MEETS: MARCH 9-MAY 8

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

STDO FUND:JWLRY/MTL ARTIS 203 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED EO ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9272005 A1 MW 1:10-3:30
 F 1:10-3:30
 MEETS: JAN 13-MARCH 6
 9272010 A2 MW 1:10-3:30
 F 1:10-3:30
 MEETS: JAN 13-MARCH 6
 9272015 B1 MW 1:10-3:30
 F 1:10-3:30
 MEETS: MARCH 9-MAY 8
 9272020 B2 MW 1:10-3:30
 F 1:10-3:30
 MEETS: MARCH 9-MAY 8

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
 F 8:00-10:20
 MEETS: JAN 13-MARCH 6
 9266010 A2 MW 8:00-10:20
 F 8:00-10:20
 MEETS: JAN 13-MARCH 6
 9266015 B1 MW 8:00-10:20
 F 8:00-10:20
 MEETS: MARCH 9-MAY 8
 9266020 B2 MW 8:00-10:20
 F 8:00-10:20
 MEETS: MARCH 9-MAY 8

STUDIO FUND:CERAMICS ARTIS 204 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: SEC A1,B1 RESTRICTED ARTIS MAJORS ONLY
 SEC A2,B2 FOR MAJORS OTHER THAN ARTIS.
 9253005 A1 MW 3:40-6:00PM
 F 3:40-6:00PM
 MEETS: JAN 13-MARCH 6
 9253010 A2 MW 3:40-6:00PM
 F 3:40-6:00PM
 MEETS: JAN 13-MARCH 6
 9253015 B1 MW 3:40-6:00PM
 F 3:40-6:00PM
 MEETS: MARCH 9-MAY 8
 9253020 B2 MW 3:40-6:00PM
 F 3:40-6:00PM
 MEETS: MARCH 9-MAY 8

STUDIO FUND:TEXTILE ARTIS 214 2 CREDITS
 Prereq: SOPHOMORE LEVEL AND ABOVE
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY
 9269005 A1 MWF 3:40-6:00PM
 MEETS: JAN 13-MARCH 6
 9269010 A2 MWF 3:40-6:00PM
 MEETS: JAN 13-MARCH 6
 9269015 B1 MWF 3:40-6:00PM
 MEETS: MARCH 9-MAY 8
 Note: Materials and equipment use fee \$28.00
 9269020 B2 MWF 3:40-6:00PM
 MEETS: MARCH 9-MAY 8

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 13-MARCH 6
 9255010 A2 MW 1:10-3:30
 F 1:10-3:30
 MEETS: JAN 13-MARCH 6
 9255015 B1 MW 1:10-3:30
 F 1:10-3:30
 MEETS: MARCH 9-MAY 8
 9255020 B2 MW 1:10-3:30
 F 1:10-3:30
 MEETS: MARCH 9-MAY 8

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS
 Prereq: DSN S 102, DSN S 131, DSN S 183,
 OR PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO MAJORS OTHER THAN ARTIS
 1983005 1 MW 9:00-11:50
 MEETS: JAN 13-MAY 8

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 1 MW 9:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 8

COLOR ARTIS 208 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED COLLEGE OF DESIGN MAJORS ONLY
 Instructor permission required 1st week.
 1766010 A1 MW 8:00-9:50
 F 8:00-10:50
 MEETS: JAN 13-MARCH 6
 Note: Materials fee \$25.00
 1766015 A2 MW 8:00-9:50
 F 8:00-10:50
 MEETS: JAN 13-MARCH 6
 Note: Materials fee \$25.00
 1766020 B1 MW 8:00-9:50
 F 8:00-10:50
 MEETS: MARCH 9-MAY 8
 Note: Materials fee \$25.00
 1766030 B2 MW 8:00-9:50
 F 8:00-10:50
 MEETS: MARCH 9-MAY 8
 Note: Materials fee \$25.00

DRAWING II ARTIS 230 3 CREDITS
 Prereq: DSN S 102, DSN S 183 AND DSN S 131
 Note: Instructor permission required 1st week.
 1779005 1 TR 8:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO ARTID, ARTFA, ARTGR,
 ARTIS, BPM I, PBPMI MAJORS ONLY
 Instructor permission required 1st week.
 1779010 2 MW 8:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 2 ARC, ARCH, ARTDN, ARTFA, ARTGR, ARTID,
 ARTIS, BPM I, C R P, DES, DSGN, DSGNS, I DES,
 IND D, L A, P ARC, P CRP, P GR, P ID, P IND, P ISA
 P LA, PBPMI MAJORS ONLY
 Materials and equipment use fee \$33.00

WATERCOLOR PAINTING ARTIS 233 3 CREDITS
 Prereq: ARTIS 230
 Note: COURSE RESTRICTED TO ARTFA, ARTGR, ARTDN,
 ARTIS, BPM I & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1780005 1 MW 12:10-3:00
 ARRANGED
 MEETS: JAN 13-MAY 8

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
 MEETS: JAN 13-MARCH 6
 9256010 A2 TR 2:10-5:20, ARRANGED
 MEETS: JAN 13-MARCH 6
 9256015 B1 TR 2:10-5:20, ARRANGED
 MEETS: MARCH 9-MAY 8
 9256020 B2 TR 2:10-5:20, ARRANGED
 MEETS: MARCH 9-MAY 8

WATERCOLOR PAINTING ARTIS 233H 3- 4 CREDITS
 Prereq: ARTIS 230
 Note: Instructor permission required.
 5570005 1 MW 12:10-3:00
 ARRANGED
 MEETS: JAN 13-MAY 8

STUDIO FUND:CMPUTRS ARTIS 212 3 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
 MEETS: JAN 13-MARCH 6
 9257010 A2 TR 2:10-5:20
 MEETS: JAN 13-MARCH 6
 9257015 B1 MW 12:10-3:00
 MEETS: JAN 13-MARCH 6
 9257020 B2 MW 12:10-3:00
 MEETS: JAN 13-MARCH 6

CPTR MODL&VIR PHOTO ARTIS 308 3 CREDITS
 Prereq: ARTIS 230 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
 ARTID, ARTIS, BPM I & PBPMI MAJORS ONLY
 6423005 1 MW 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO ARTDN, ARTFA, ARTGR,
 ARTID, ARTIS, BPM I & PBPMI MAJORS ONLY
 6423010 2 MW 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO ARTGR MAJORS ONLY

SOURCES VISUAL ART ARTIS 310 3 CREDITS
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
 ARTID & ARTIS MAJORS ONLY.
 6432005 A1 MW 12:40-2:50
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO ARTFA, ARTIS MAJORS ONLY
 6432010 A2 MW 12:40-2:50
 MEETS: JAN 13-MAY 8

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

SOURCES VISUAL DSGN ARTIS 310H 3- 4 CREDITS
 Prereq: ART 230
 Note: Instructor permission required.
 9379005 1 MW 12:40-2:50
 ARRANGED
 MEETS: JAN 13-MAY 8

INTRO FURNITUR DSGN ARTIS 320 3 CREDITS
 Prereq: ARTIS 202 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1798005 1 TR 9:30-12:20
 MEETS: JAN 13-MAY 8

INTMD CERAMCS STDIO ARTIS 322 3 CREDITS
 Prereq: ARTIS 204 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTF, ARTIS MAJOR ONLY
 Instructor permission required 1st week.
 1799005 1 TR 1:10-4:00
 MEETS: JAN 13-MAY 8

INTMD CERAMCS STDIO ARTIS 322H 3- 4 CREDITS
 Prereq: ARTIS 204 OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 5601005 1 TR 1:10-4:00
 MEETS: JAN 13-MAY 8

JEWELR/METALSMTH II ARTIS 324 3 CREDITS
 Prereq: ARTIS 203 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 7237005 1 TR 9:30-12:30
 MEETS: JAN 13-MAY 8

ILLUSTRATN&I SOFTWR ARTIS 326 3 CREDITS
 Prereq: ARTIS 323/BPM I 323, OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 1657005 1 MW 6:10-9:00PM
 MEETS: JAN 13-MAY 8

CREATIVE PHOTOGRAPHY ARTIS 329 3 CREDITS
 Prereq: ARTIS 210 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1801005 1 TR 9:30-12:20
 MEETS: JAN 13-MAY 8

CREATIVE PHOTOGRAPHY ARTIS 329H 3- 4 CREDITS
 Prereq: ARTIS 210 OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 5734005 1 TR 9:30-12:20
 ARRANGED
 MEETS: JAN 13-MAY 8

DRAW III:LIFE DRWNG ARTIS 330 3 CREDITS
 Prereq: ARTIS 230
 Note: COURSE RESTRICTED TO ARTFA, ARTIS, BPM I & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1802005 1 TR 11:00-2:00
 MEETS: JAN 13-MAY 8

THREE-DIMENS STUDIO ARTIS 335 3 CREDITS
 1806005 1 TR 1:10-3:20, ARRANGED
 MEETS: JAN 13-MAY 8

APP SCI ILLUST TCNQ ARTIS 337 3 CREDITS
 Prereq: ARTIS 327
 9104005 1 TR 2:10-5:00
 MEETS: JAN 13-MAY 8

PAINTING II ARTIS 338 3 CREDITS
 Prereq: ARTIS 238 OR ARTIS 213 AND ARTIS 230
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTID, ARTIS, BPM I & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 7832005 1 TR 2:10-5:00
 MEETS: JAN 13-MAY 8

WOVEN TX TILE STRUCT ARTIS 345 3 CREDITS
 Prereq: ARTIS 214 OR PERMISSION OF INSTRUCTOR
 1832005 1 MW 12:10-3:00
 MEETS: JAN 13-MAY 8
 Note: MATERIALS & EQUIPMENT FEE: \$26.00. FEE APPLIES TO HONORS SECTION AS WELL.
 Materials and equipment use fee \$26.00

INTAGLIO&MONOTYP PR ARTIS 357 3 CREDITS
 Prereq: ARTIS 206 AND CREDIT OR ENROLLMENT IN ARTIS 230, OR INSTRUCTOR PERMISSION
 Note: Instructor permission required 1st week.
 7469005 1 MW 9:00-11:50
 MEETS: JAN 13-MAY 8

BFA PRO PRACTICE ARTIS 399 2 CREDITS
 Prereq: JUNIOR CLASSIFICATN IN ISA BFA CURRICULUM
 Note: COURSE RESTRICTED TO JRS & SRS
 2076005 1 W 6:10-8:40PM
 MEETS: MARCH 9-MAY 8

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 1 TR 2:10-5:00
 MEETS: JAN 13-MAY 8

ADV FURNITURE DSGN ARTIS 420 3 CREDITS
 Prereq: ARTIS 320
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1838005 1 TR 9:30-12:20
 MEETS: JAN 13-MAY 8

CERAMICS STUDIO ARTIS 422 3 CREDITS
 Prereq: ARTIS 322
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1839005 1 TR 3:10-6:00PM
 MEETS: JAN 13-MAY 8

JEWELR/METLSMTH III ARTIS 424 3 CREDITS
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA & ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 7250005 1 TR 9:30-12:20
 MEETS: JAN 13-MAY 8

JEWELR/METLSMTH III ARTIS 424H 3- 4 CREDITS
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7014005 1 TR 9:30-12:30
 ARRANGED
 MEETS: JAN 13-MAY 8

ADVANCD PHOTOGRAPHY ARTIS 429 3 CREDITS
 Prereq: ARTIS 329
 1836005 1 TR 9:30-12:20
 MEETS: JAN 13-MAY 8

DRAWING ARTIS 430 3 CREDITS
 Prereq: ARTIS 330
 Note: COURSE RESTRICTED TO ARC, ARCH, ARTDN, ARTFA, ARTGR, ARTIS, BPM I, C R P, DSGNS, L A, P ARC, P LA & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1841005 1 TR 9:30-12:20
 MEETS: JAN 13-MAY 8

SEQUENT NARRTV DRAW ARTIS 432 3 CREDITS
 Prereq: DSN S 131; ARTIS 230 OR ARTIS 330 OR PERMISSION OF INSTRUCTOR AFTER PORTFOLIO REVIEW
 2174005 1 TR 8:00-10:50
 MEETS: JAN 13-MAY 8

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 1 TR 2:10-5:00
 MEETS: JAN 13-MAY 8

PAINTING III ARTIS 438H 3- 4 CREDITS
 Prereq: ARTIS 338
 Note: Instructor permission required.
 7147005 1 TR 2:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 8

DIGITL TX TILE DSGN ARTIS 448 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION IN EITHER COLLEGE OF DESIGN OR A M D
 Note: TOPIC: DIGITAL TEXTILE DESIGN
 2442005 1 MW 8:00-10:50
 MEETS: JAN 13-MAY 8

INTERACTIVE ART ARTIS 475 3 CREDITS
 Prereq: ARTIS 212 OR PERMISSION OF INSTRUCTOR
 7194005 1 TR 11:00-1:50
 MEETS: JAN 13-MAY 8

INDEP STDY CERAMICS ARTIS 490B 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$141.50
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATED STUDIO ARTS (CONTINUED)

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 STUDY 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 \$25.00

 SEE DEPT FOR REFERENCE NUMBERS

IND ST ILLUSTRATION ARTIS 490F 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY METALS ARTIS 490G 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$75.00

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTIS 490H 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 Materials and equipment use fee \$25.00

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY 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

INDEP STUDY 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 1 T 7:10-8:00PM
 MEETS: JAN 13-MAY 8

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 1 W 7:10-8:40PM
 MEETS: JAN 13-MARCH 6

CPTR AID ANIMAT&VIS ARTIS 508 3 CREDITS
 Prereq: ARTIS 408 OR GRADUATE CLASSIFICATION
 AND PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED COLLEGE OF DESIGN
 TOPIC: COLLAGE, ASSEB & FOUND
 Instructor permission required 1st week.
 8265005 1 TR 2:10-5:00
 MEETS: JAN 13-MAY 8

SEMINAR IN TEACHING ARTIS 511 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 9849005 1 T 5:30-8:30PM
 MEETS: JAN 13-MAY 8

ADV FURNITURE DSGN ARTIS 520 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 Note: Instructor permission required 1st week.
 1895005 1 TR 9:30-12:20
 MEETS: JAN 13-MAY 8

CERAMICS STUDIO ARTIS 522 3 CREDITS
 Prereq: GRAD CLASSIFICATION IN THE MFA PROGRAM IN
 INTEGRATED VISUAL ARTS; OR PERMISSION OF INSTRUCTOR
 1896005 1 TR 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

JEWEL&DEC METAL III ARTIS 524 3 CREDITS
 Prereq: GRAD CLASSIFICATION IN THE MFA PROGRAM IN
 INTEGRATED VISUAL ARTS; OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 7255005 1 TR 9:30-12:20
 MEETS: JAN 13-MAY 8

ADVANC'D PHOTOGRAPHY ARTIS 529 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 7399005 1 TR 9:30-12:20
 MEETS: JAN 13-MAY 8

DRAWING ARTIS 530 3 CREDITS
 Prereq: ARTIS 330
 Note: Instructor permission required 1st week.
 7747005 1 TR 9:30-12:20
 MEETS: JAN 13-MAY 8

SEQUENT NARRTV DRAW ARTIS 532 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION IN THE MFA
 PROGRAM IN INTEGRATED VISUAL ARTS; OR INSTRUCTOR
 PERMISSION AFTER PORTFOLIO REVIEW
 9741005 1 TR 8:00-10:50
 MEETS: JAN 13-MAY 8

ADVANCED PAINTING ARTIS 538 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF
 INSTRUCTOR
 Note: Instructor permission required 1st week.
 7826005 1 TR 2:10-5:00
 MEETS: JAN 13-MAY 8

DIGITL TX TILE DSGN ARTIS 548 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: TOPIC: DIGITAL TEXTILE DESIGN
 2451005 1 MW 8:00-10:50
 MEETS: JAN 13-MAY 8

INTAGLIO&MONOTYP PR ARTIS 557 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR
 PERMISSION
 Note: Instructor permission required 1st week.
 7749005 1 MW 9:00-11:50
 MEETS: JAN 13-MAY 8

INTERACTIVE ART ARTIS 575 3 CREDITS
 2030005 1 TR 11:00-1:50
 MEETS: JAN 13-MAY 8

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 \$141.50

 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 \$25.00

 SEE DEPT FOR REFERENCE NUMBERS

INTEGRATED STUDIO ARTS

(CONTINUED)

SPL TOPC ILLUSTRATN ARTIS 590F VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS METALS ARTIS 590G VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.
 Materials and equipment use fee \$75.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS PAINTING ARTIS 590I VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRINTMAKING ARTIS 590K VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.
 Materials fee \$40.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS FURNITUR ARTIS 590L VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.
 ***** 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 1 ARRANGED
 MEETS: JAN 13-MAY 8
 2663036 CM ARRANGED MARTIN C
 MEETS: JAN 13-MAY 8

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

THESIS RESEARCH IGS 699 VAR. CREDITS
 4481005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTERIOR DESIGN

SOPHOMOR FIELD STDY ARTID 259 R CREDIT
 Prereq: ENROLLMENT IN INTERIOR DESIGN STUDIO
 COURSE
 Note: COURSE RESTRICTED TO ARTID MAJORS
 Satisfactory-Fail Only.
 2162005 1 ARRANGED
 MEETS: JAN 13-MAY 8

GRPH COM INT DSN II ARTID 263 3 CREDITS
 Prereq: 261, ENROLLMENT IN 267
 Note: COURSE RESTRICTED TO ARTID MAJORS
 2177005 1 MW 10:00-10:50 CHO Y
 MW 11:00-11:50 CHO Y
 MEETS: JAN 13-MAY 8
 2177010 2 MW 8:00-8:50 KOPPES A
 MW 9:00-9:50 KOPPES A
 MEETS: JAN 13-MAY 8
 2177015 3 MW 8:00-8:50 KOPPES A
 MW 9:00-9:50 KOPPES A
 MEETS: JAN 13-MAY 8

INTERIOR DESIGN

(CONTINUED)

INT DSN 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 1 TR 9:00-11:50 IRISH J
 T 8:00-8:50 IRISH J
 MEETS: JAN 13-MAY 8
 1714010 2 TR 9:00-11:50 KOPPES A
 T 8:00-8:50 KOPPES A
 MEETS: JAN 13-MAY 8
 1714015 3 TR 9:00-11:50 LEE J
 T 8:00-8:50 LEE J
 MEETS: JAN 13-MAY 8
 1714020 4 TR 9:00-11:50 PETERSON N
 T 8:00-8:50 PETERSON N
 MEETS: JAN 13-MAY 8

INTERR FINISH MATRL ARTID 350 3 CREDITS
 Prereq: COMPLETION OF THE COLLEGE OF DESIGN CORE
 Note: Instructor permission required 1st week.
 1859005 1 MW 2:10-3:30 PETERSON N
 MEETS: JAN 13-MAY 8

HEALTH &SAFETY SYST ARTID 351 3 CREDITS
 Note: COURSE RESTRICTED TO ARTID MAJORS
 Instructor permission required 1st week.
 1683005 1 TR 3:10-4:30 KOPPES A
 MEETS: JAN 13-MAY 8

ENVIRN CONTROL SYST ARTID 352 3 CREDITS
 Note: COURSE RESTRICTED TO ARTID JUNIORS ONLY.
 Instructor permission required 1st week.
 1656005 1 MW 5:30-7:00PM RAVER D
 MEETS: JAN 13-MAY 8

INT DSN HIST/THRY I ARTID 355 3 CREDITS
 Note: Instructor permission required 1st week.
 1689005 1 TR 12:40-2:00 ALSHIHABI D
 MEETS: JAN 13-MAY 8

SOPH INTERNSH SEMNR ARTID 360 1 CREDIT
 Prereq: SOPH CLASSIF IN INTERIOR DESIGN PROGRAM
 Note: COURSE RESTRICTED TO SOPHOMORES OR ABOVE
 Instructor permission required 1st week.
 1818005 1 R 8:00-8:50 FORD M
 MEETS: JAN 13-MAY 8

JR INTERNSHP SEMNAR ARTID 361 1 CREDIT
 Prereq: JUNIOR CLASSIFICATION IN INTERIOR
 DESIGN PROGRAM
 6463005 1 M 9:00-9:50 FORD M
 MEETS: JAN 13-MAY 8

INT DESIGN STDIO IV ARTID 367 4 CREDITS
 Prereq: ARTID 365
 Note: Instructor permission required 1st week.
 1817005 1 MW 2:10-5:00 CHO Y
 M 1:10-2:00 CHO Y
 MEETS: JAN 13-MAY 8
 1817010 2 MW 2:10-5:00 IRISH J
 M 1:10-2:00 IRISH J
 MEETS: JAN 13-MAY 8
 1817015 3 MW 2:10-5:00 PETERSON N
 M 1:10-2:00 PETERSON N
 MEETS: JAN 13-MAY 8
 1817020 4 MW 2:10-5:00
 M 1:10-2:00
 MEETS: JAN 13-MAY 8

INT DESIGN STDIO IV ARTID 367H 4- 5 CREDITS
 Prereq: ARTID 365. MEMBERSHIP IN UNIV HONORS PROG
 Note: Instructor permission required.
 5001005 1 MW 2:10-5:00 CHO Y
 M 1:10-2:00, ARRANGED CHO Y
 MEETS: JAN 13-MAY 8

INT DSN PRO PRACTCE ARTID 461 2 CREDITS
 Prereq: ARTID 460
 Note: COURSE RESTRICTED TO ARTID MAJORS
 Instructor permission required 1st week.
 1847005 1 T 3:40-5:40 FORD M
 MEETS: JAN 13-MAY 8

ENVIR FOR THE AGING ARTID 463 3 CREDITS
 Prereq: HD FS 360 OR 3 CREDITS IN HOUSING, ARCH,
 INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
 Note: Meets U.S. diversity reqmt
 1823605 XG ARRANGED
 MEETS: JAN 21-MAY 8
 Note: Meets U.S. diversity reqmt
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

INTERIOR DESIGN (CONTINUED)

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

DSIGN HUMANC EMOTNL ARTID 551B 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 8256005 1 TR 5:10-6:30PM LEE J
 MEETS: JAN 13-MAY 8

DSGN MTHDS:PROC ALT ARTID 552D 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1824005 1 M 5:30-7:30PM KIM D
 MEETS: JAN 13-MAY 8

ID TEACHNG PRACTICM ARTID 554 3 CREDITS
 Prereq: ARTID 668 AND PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV STUDI DSGN THRY ARTID 569A 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF
 INSTRUCTOR
 7179005 1 TR 12:10-1:30
 MEETS: JAN 13-MAY 8

ADV STUDI:ADV COLOR ARTID 569B 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF
 INSTRUCTOR
 Note: TOPIC: ADVANCED THEORY OF DESIGN: COLOR
 1684005 1 W 6:00-9:00PM IRISH J
 MEETS: JAN 13-MAY 8
 Note: FIELD TRIPS & TRAVEL FEE: \$25.00 - \$650.00
 Field trips & travel fee \$25.00-\$650.00

ADV STDI:SUSTBL TEC ARTID 569C 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF
 INSTRUCTOR
 1723005 1 F 5:30-8:30PM RAVER D
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS ARTID 590 VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN INTERIOR DSGN
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR & DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

ADVANCED TOPICS ARTID 690 VAR. CREDITS
 Prereq: MFA CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTID 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH:THESIS-EXH ARTID 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNATIONAL STUDIES

INTRO INT'L STUDIES INTST 235 3 CREDITS
 Note: Meets international perspectives reqmt
 9582005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

9582010 2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

9582015 3 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

9582020 4 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

9582600 XU ARRANGED STROHMAN J
 MEETS: JAN 13-MAY 8
 Note: Section XU is off campus
 Course delivery is WWW

9582605 XV ARRANGED LOONEY M
 MEETS: MARCH 9-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW

9582610 XW ARRANGED STROHMAN J
 MEETS: MARCH 9-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INTERNATIONAL STUDIES (CONTINUED)

SEMNR INT'L STUDIES INTST 430 3 CREDITS
 Prereq: INTST 235, JUNIOR CLASSIFICATION OR
 HIGHER
 Note: Meets international perspectives reqmt
 9583005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

THINK GLOBALLY INTST 491 1 CREDIT
 Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD
 AND/OR INTERNSHIP ABROAD
 Satisfactory-Fail Only.
 3467005 1 TR 2:10-3:00
 MEETS: JAN 13-MARCH 6

ITALIAN

INTENS BEGN ITALIAN ITAL 107 4 CREDITS
 9528005 1 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 8

JOURNALISM & MASS COMMUNICATION

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS
 4656005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO ADVRT, JL MC, P R
 MAJORS ONLY.

4656010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN ADVRT, JL MC.

JOURNLS&COMM ORIENT JL MC 110 1 CREDIT
 Satisfactory-Fail Only.
 4657005 1 T 8:00-9:20
 MEETS: JAN 13-MAY 8

4657010 2 R 9:30-10:50
 MEETS: JAN 13-MAY 8

4657015 3 T 9:30-10:50
 MEETS: JAN 13-MAY 8

ID,DIVERSITY & MEDIA JL MC 140X 3 CREDITS
 Note: Meets U.S. diversity reqmt
 0231600 XW ARRANGED WITHERSPOON B
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

REPORT&WRIT MASS MD JL MC 201 3 CREDITS
 Prereq: CLASSIFICATION IN A GREENLEE SCHOOL
 MAJOR OR PERMISSION OF DEPARTMENT; PASS DEPARTMENTAL
 ASSESSMENT EXAM IN LANGUAGE SKILLS BEFORE REGISTERNG;
 ENGL 250; CREDIT OR ENROLLMENT IN JL MC 110
 Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS
 ONLY

4658005 1 MW 8:00-9:50
 MEETS: JAN 13-MAY 8

4658010 2 MW 8:00-9:50
 MEETS: JAN 13-MAY 8

4658015 3 TR 1:10-3:00
 MEETS: JAN 13-MAY 8

4658020 4 TR 10:00-11:50
 MEETS: JAN 13-MAY 8

4658025 5 TR 12:10-2:00
 MEETS: JAN 13-MAY 8

4658030 6 TR 10:00-11:50
 MEETS: JAN 13-MAY 8

4658035 7 MW 10:00-11:50
 MEETS: JAN 13-MAY 8

JOURNALISM PRINCIPLS JL MC 240 3 CREDITS
 1294005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

VISUAL PRIN MASS CM JL MC 242 3 CREDITS
 4673005 1A MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO ADVRT, JL MC, P R MAJORS

4673010 1B MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1B FOR MAJORS OTHER THAN ADVRT,
 JL MC OR P R

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 13-MAY 8

4659010 2 MW 12:10-2:00
 MEETS: JAN 13-MAY 8

JOURNALISM & MASS COMMUNICATION (CONTINUED)

JOURNALISM & MASS COMMUNICATION (CONTINUED)

BROADCAST WRIT&RPRT JL MC 303 3 CREDITS
 Prereq: JL MC 110; JL MC 201 WITH A GRADE
 OF C+ OR BETTER
 8511005 1 MW 10:00-11:50
 MEETS: JAN 13-MAY 8

BROADCAST PRODUCTN JL MC 306 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS
 8513005 1 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

DIGITL VIDEO PRODUC JL MC 307 3 CREDITS
 Note: SEC 1A,2A ECT RESTRICTED TO JL MC, P R MAJORS.
 SEC 1B,2B ECT FOR MAJORS OTHER THAN JL MC, P R
 4727005 1A MW 12:10-1:00
 F 8:00-9:50
 MEETS: JAN 13-MAY 8
 4727010 1B MW 12:10-1:00
 F 8:00-9:50
 MEETS: JAN 13-MAY 8
 4727015 2A MW 12:10-1:00
 F 10:00-11:50
 MEETS: JAN 13-MAY 8
 4727020 2B MW 12:10-1:00
 F 10:00-11:50
 MEETS: JAN 13-MAY 8
 4727025 3A MW 12:10-1:00
 F 12:10-2:00
 MEETS: JAN 13-MAY 8
 4727030 3B MW 12:10-1:00
 F 12:10-2:00
 MEETS: JAN 13-MAY 8

GATHER BRDCAST NEWS JL MC 308 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS.
 4665005 1 MW 2:10-4:00
 MEETS: JAN 13-MAY 8

FUND PHOTOJOURNALISM JL MC 310 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO JL MC, ADVRT P R MAJORS
 EQUIPMENT PURCHASE MAY BE REQUIRED.
 8688005 1 TR 9:00-10:50
 MEETS: JAN 13-MAY 8
 8688010 2 TR 11:00-12:50
 MEETS: JAN 13-MAY 8

FUND MOBILE PHOTOGR JL MC 311X 3 CREDITS
 0232800 IT ARRANGED CHAMBERLIN D
 MEETS: JAN 13-MAY 8
 Note: SEC IT TAUGHT IN ITALY. A SEMETER IN URBINO.
 STUDY ABROAD SPRING 2020.
 Study Abroad Administrative Fee Applies

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 13-MAY 8

INTRO DIGITL PUBLSH JL MC 316 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN JL MC 242
 AND C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R
 SOPHOMORES, JUNIORS AND SENIORS ONLY
 5325005 1 TR 8:00-9:40
 MEETS: JAN 13-MAY 8
 5325010 2 TR 10:00-11:40
 MEETS: JAN 13-MAY 8
 5325015 3 TR 12:20-2:00
 MEETS: JAN 13-MAY 8

MOBILE DVIC PUBLSHG JL MC 317 3 CREDITS
 Prereq: JL MC 316 OR EQUIV COMPUTER DESIGN
 PROFICIENCY; JL MC 310 OR JL MC 315
 5330005 1 TR 3:10-5:25
 MEETS: JAN 13-MAY 8

FEATURE WRITING JL MC 344 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 302, JL MC 303 OR
 P R 321
 Note: CREDIT FOR EITHER JL MC 344 OR ENGL 303, BUT
 NOT BOTH, MAY BE APPLIED TOWARD JL MC AND ADVRT
 DEGREE REQUIREMENTS
 4674005 1 TR 8:00-9:50
 MEETS: JAN 13-MAY 8

NEWS&FEATUR EDITING JL MC 349 3 CREDITS
 Prereq: C+ OR BETTER IN JL MC 302, JL MC 303 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 13-MAY 8

PRO SKILL DEVEL:MAP JL MC 390A 1 CREDIT
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR
 PERMISSION FOR NONMAJORS
 Note: TOPIC: PROSKILL DEVEL: MAP
 0417005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PRO SKIL:FASHN WRIT JL MC 390J 3 CREDITS
 Note: SEC 1A,2A RESTRICTED TO ADVRT, JL MC, P R MAJORS
 ONLY. SEC 1B,2B FOR MAJORS OTHER THAN ADVRT, JL MC,
 P R MAJORS
 9780005 1A MW 2:40-3:50
 MEETS: JAN 13-MAY 8
 9780010 1B MW 2:40-3:50
 MEETS: JAN 13-MAY 8
 9780015 2A MW 12:10-1:20
 MEETS: JAN 13-MAY 8
 9780020 2B MW 12:10-1:20
 MEETS: JAN 13-MAY 8

MEDIA MANAGEMENT JL MC 406 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 1812600 XW ARRANGED POWERS A
 MEETS: JAN 13-MARCH 6
 Note: SECTION XW RESTRICTED TO JUNIOR AND SENIOR
 Section XW is off campus
 Course delivery is WW

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 13-MAY 8
 4688010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 4690010 2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

DIVRSTY IN THE MDIA JL MC 477 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4554600 XW ARRANGED GESKE J
 MEETS: MARCH 9-MAY 8
 Note: SECTION XW RESTRICTED TO JR OR ABOVE
 Section XW is off campus
 Course delivery is WW

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 TP FIRST AMENDM JL MC 497D 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 0151005 1 MW 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP:PLN SO MDIA JL MC 497L 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 0482600 XW ARRANGED WIGTON M
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WW

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

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

JOURNALISM & MASS COMMUNICATION (CONTINUED)

ADV RES MTHDS:QUANT JL MC 503X 3 CREDITS
 Prereq: JL MC 502 (OR EQUIVALENT BASIC RESEARCH METHOD COURSE) OR PERMISSION OF INSTRUCTOR
 0230005 1 MW 4:10-5:30
 MEETS: JAN 13-MAY 8

ADV RES MTHDS:QUALV JL MC 504X 3 CREDITS
 Prereq: JL MC 502 OR EQUIVALENT RESEARCH METHODS COURSE
 0238005 1 R 5:40-8:30PM
 MEETS: JAN 13-MAY 8

MEDIA MANAGEMENT JL MC 506 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 1813600 XW ARRANGED POWERS A
 MEETS: JAN 13-MARCH 6
 Note: Section XW is off campus
 Course delivery is WWW

STRATEG OF COMMUNIC JL MC 510 3 CREDITS
 Prereq: JL MC 501
 4730005 1 TR 4:10-5:30
 MEETS: JAN 13-MAY 8

RISK PERCEP&CMUNICA JL MC 560 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 Note: SEC 1A RESTRICTED TO JL MC MAJORS ONLY. SEC 1B FOR MAJORS OTHER THAN JL MC
 3227005 1A W 5:40-8:30PM
 MEETS: JAN 13-MAY 8
 3227010 1B W 5:40-8:30PM
 MEETS: JAN 13-MAY 8

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 13-MAY 8

SWIMMING II KIN 102 1 CREDIT
 Prereq: KIN 101 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5661005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

AQUATIC FITNESS KIN 108 1 CREDIT
 Prereq: KIN 102 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5665005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

BADMINTON KIN 122 1 CREDIT
 Satisfactory-Fail Only.
 5671005 1 MWF 9:00-10:20
 MEETS: JAN 13-MARCH 6
 Note: MATERIALS, EQUIPMENT FEE \$25.00
 5671010 2 MWF 10:30-11:50
 MEETS: JAN 13-MARCH 6
 Note: MATERIALS, EQUIPMENT FEE \$25.00

KINESIOLOGY (CONTINUED)

BOWLING KIN 129 1 CREDIT
 Satisfactory-Fail Only.
 5675005 1 MW 9:00-9:50
 MEETS: JAN 13-MAY 8
 5675010 2 MW 10:00-10:50
 MEETS: JAN 13-MAY 8
 5675015 3 MW 11:00-11:50
 MEETS: JAN 13-MAY 8
 5675020 4 TR 9:30-10:20
 MEETS: JAN 13-MAY 8
 5675025 5 TR 11:00-11:50
 MEETS: JAN 13-MAY 8
 5675030 6 TR 12:40-1:30
 MEETS: JAN 13-MAY 8

GOLF KIN 135 1 CREDIT
 Satisfactory-Fail Only.
 5678005 1 MWF 8:00-9:20
 MEETS: MARCH 9-MAY 8
 5678010 2 MWF 9:30-10:50
 MEETS: MARCH 9-MAY 8
 5678015 3 MWF 11:00-12:20
 MEETS: MARCH 9-MAY 8

RACQUETBALL KIN 144 1 CREDIT
 Satisfactory-Fail Only.
 5683005 1 MW 10:00-10:50
 MEETS: JAN 13-MAY 8
 5683010 2 MW 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Materials and equipment use fee \$25.00

ICE SKATING KIN 153 1 CREDIT
 Note: COURSE TAUGHT AT AMES/ISU ICE ARENA, SOUTHEAST OF THE TOWERS. MUST ALLOW EXTRA TIME BETWEEN THIS AND OTHER CLASSES FOR TRAVEL TO AND FROM AMES/ISU ICE ARENA. MUST PROVIDE OWN TRANSPORTATION.
 Satisfactory-Fail Only.
 5689005 1 TR 1:10-3:00
 MEETS: JAN 13-MARCH 6

TENNIS KIN 158 1 CREDIT
 Satisfactory-Fail Only.
 5690005 1 MWF 11:00-12:20
 MEETS: MARCH 9-MAY 8
 5690010 2 MWF 12:30-2:00
 MEETS: MARCH 9-MAY 8

PHYSICAL FITNESS KIN 163 1 CREDIT
 Note: CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Satisfactory-Fail Only.
 5694005 1 MW 8:00-8:50
 MEETS: JAN 13-MAY 8

WALKING FOR FITNESS KIN 164 1 CREDIT
 Satisfactory-Fail Only.
 8867005 1 MWF 11:00-12:05
 MEETS: MARCH 9-MAY 8
 8867010 2 TR 9:30-11:00
 MEETS: MARCH 9-MAY 8
 8867015 3 TR 11:00-12:35
 MEETS: MARCH 9-MAY 8

RUNNING FOR FITNESS KIN 165 1 CREDIT
 Satisfactory-Fail Only.
 5343005 1 MWF 8:00-9:20
 MEETS: MARCH 9-MAY 8

WEIGHT TRAINING KIN 166 1 CREDIT
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: ATH 101, SKILL TECHNIQUE COURSE IN THE SAME SPORT AS THE ATH 101, EX SP, KIN 166
 Satisfactory-Fail Only.
 5696005 1 MW 9:00-9:50
 MEETS: JAN 13-MAY 8
 5696010 2 MW 10:00-10:50
 MEETS: JAN 13-MAY 8
 5696015 3 MW 11:00-11:50
 MEETS: JAN 13-MAY 8
 5696020 4 MW 12:10-1:00
 MEETS: JAN 13-MAY 8
 5696025 5 MW 1:10-2:00
 MEETS: JAN 13-MAY 8

JUDO KIN 168 1 CREDIT
 Satisfactory-Fail Only.
 5353005 1 TR 9:00-9:50
 MEETS: JAN 13-MAY 8
 5353010 2 TR 12:10-1:00
 MEETS: JAN 13-MAY 8

TAEKWONDO/KARATE I KIN 170 1 CREDIT
 Satisfactory-Fail Only.
 5700005 1 MW 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$25.00
 5700010 2 MW 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$25.00
 5700015 3 MW 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$25.00

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
 Satisfactory-Fail Only.
 5702005 1 TR 11:00-11:50 HAMANN M
 MEETS: JAN 13-MAY 8

VOLLEYBALL KIN 182 1 CREDIT
 Satisfactory-Fail Only.
 5710005 1 TR 11:00-11:50
 MEETS: JAN 13-MAY 8
 5710010 2 TR 12:10-1:00
 MEETS: JAN 13-MAY 8
 5710015 3 TR 1:10-2:00
 MEETS: JAN 13-MAY 8

SOCCER KIN 185 1 CREDIT
 Satisfactory-Fail Only.
 5712005 1 TR 10:00-10:50
 MEETS: JAN 13-MAY 8

CNCPTS FITNSS&WELLN KIN 210 2 CREDITS
 8843005 1 ARRANGED WELK G
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

SCHOOL PHY ACT PROG KIN 214 1 CREDIT
 Prereq: FRESHMAN CLASSIFICATION
 Satisfactory-Fail Only.
 4672005 1 ARRANGED WELK G
 MEETS: JAN 13-MAY 8

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 13-MAY 8

HEALTH CAREER PLAN KIN 242 .5 CREDIT
 Prereq: KIN H MAJOR IN PHP OPTION WITH SOPHOMORE
 CLASSIFICATION OR ABOVE
 Satisfactory-Fail Only.
 4697005 1 R 2:10-3:00 WISSINK M
 MEETS: JAN 13-MARCH 6
 4697010 2 F 1:10-2:00
 MEETS: JAN 13-MARCH 6

KINESIOLOGY PROFSSNS KIN 252 1 CREDIT
 7415005 1 T 8:00-8:50 DUKES L
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A TH, KIN,
 P ATH
 7415010 2 T 8:00-8:50 DUKES L
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN A TH, KIN,
 P ATH
 7415015 3 R 8:00-8:50 DUKES L
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO A TH, KIN,
 P ATH
 7415020 4 R 8:00-8:50 DUKES L
 MEETS: JAN 13-MAY 8
 Note: SEC 4 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 GRAVES L
 MEETS: JAN 13-MAY 8
 7498010 2 ARRANGED BOLEY J
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 7498015 3 TR 8:00-8:50
 MEETS: JAN 13-MAY 8

PRIN PHYSCL FIT&CON KIN 258 2 CREDITS
 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 13-MAY 8
 5732010 1B TR 8:00-8:50, ARRANGED
 MEETS: JAN 13-MAY 8
 5732015 2A TR 9:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 8
 5732020 2B TR 9:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 8
 5732025 3A TR 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MAY 8
 5732030 3B TR 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MAY 8
 5732035 4A TR 11:00-11:50 ANDERSON A
 ARRANGED ANDERSON A
 MEETS: JAN 13-MAY 8

PRIN PHYSCL FIT&CON KIN 258 2 CREDITS
 5732040 4B TR 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 8
 5732045 5A TR 12:10-1:00
 ARRANGED
 MEETS: JAN 13-MAY 8
 5732050 5B TR 12:10-1:00
 ARRANGED
 MEETS: JAN 13-MAY 8
 5732055 6A TR 1:10-2:00, ARRANGED
 MEETS: JAN 13-MAY 8
 5732060 6B TR 1:10-2:00, ARRANGED
 MEETS: JAN 13-MAY 8
 5732065 7A TR 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 8
 5732070 7B TR 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 8

LDRSHP TECH FITNESS KIN 259 3 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, ARRANGED WERSTEIN K
 MEETS: JAN 13-MAY 8
 9622010 2 W 1:10-2:00 WERSTEIN K
 M 3:10-5:00, ARRANGED WERSTEIN K
 MEETS: JAN 13-MAY 8

ADV STRNGTH TRAINNG KIN 266 2 CREDITS
 Prereq: KIN 258
 Note: COURSE RESTRICTED TO A TR, KIN, P ATR
 JRS & SRS ONLY
 7421005 1 TR 8:00-9:20, ARRANGED
 MEETS: JAN 13-MAY 8
 7421010 2 TR 9:30-10:50 ANDERSON A
 ARRANGED ANDERSON A
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 5736010 2 R 8:00-11:30 GROTE L
 MEETS: JAN 13-MAY 8

FIELD EXP SECYD P E KIN 281 1 CREDIT
 Note: COURSE RESTRICTED TO STUDENTS ACCEPTED TO
 FULL TEACHER EDUCATION
 Satisfactory-Fail Only.
 7699005 1 F 8:00-11:30 GROTE L
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.
 7699010 2 R 8:00-11:30 GROTE L
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

FLD EXP EDUC OUTRCH KIN 282 1 CREDIT
 Prereq: ADMISSION TO UNIVERSITY TEACHER EDUC PROG
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 2959005 1 TR 3:30-6:00PM SMITH J
 MEETS: JAN 13-MAY 8

ELEM&PRESCH MVMT ED KIN 284 3 CREDITS
 Prereq: 3 CREDITS IN HUMAN DEVEL & FAMILY STUDIES
 Note: CREDIT FOR EITHER KIN 275/312 OR KIN 284,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5737005 1 MW 1:10-3:00 VAZOU S
 MEETS: JAN 13-MAY 8
 5737010 2 TR 8:00-10:50 VAZOU S
 MEETS: JAN 13-MAY 8

PRE-INTERN KIN&HLTH KIN 285 1- 2 CREDITS
 Prereq: KINESIOLOGY AND HEALTH MAJOR, AND
 PERMISSION OF INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 8750005 1 ARRANGED POWER D
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

INDEPENDENT STUDY KIN 290 1 CREDIT
 Prereq: SOPHOMORE OR 2ND SEMESTER FRESHMAN,
 PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SECYD PHYSICAL EDUC KIN 313 3 CREDITS
 Prereq: ADMISSION TO EDUCATOR PREPARATION
 PROGRAM; KIN 281
 5756005 1 MW 2:10-3:00 SMITH J
 R 8:00-10:50 SMITH J
 MEETS: JAN 13-MAY 8
 5756010 2 MW 2:10-3:00 SMITH J
 F 8:00-10:50 SMITH J
 MEETS: JAN 13-MAY 8

KINESIOLOGY (CONTINUED)

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 13-MAY 8

MGT HEALTH-FIT PROG KIN 345 3 CREDITS
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR
 KIN, KIN H, P DEXA, PDEXH JR & SRS.
 7697005 1 TR 9:30-10:50 POWER D
 MEETS: JAN 13-MAY 8

BIOMECHANICS KIN 355 3 CREDITS
 Prereq: PHYS 111 OR PHYS 115
 5752005 1 MWF 8:00-8:50 DING R
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 PDEXA, PDEXH JRS & SRS, KIN H & FSHNH GRADS.
 5752010 2 MWF 8:00-8:50 DING R
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN D EXA,
 D EXH, KIN, KIN H, PDEXA, PDEXH. JRS & ABOVE &
 FSHNH GRADS.
 5752015 3 TR 8:00-9:20 GILLETTE J
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 PDEXA, PDEXH JRS & SRS, KIN H & FSHNH GRADS.
 5752020 4 TR 8:00-9:20 GILLETTE J
 MEETS: JAN 13-MAY 8
 Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN D EXA,
 D EXH, KIN, KIN H, PDEXA, PDEXH. JRS & ABOVE &
 FSHNH GRADS.

PHYSIOLOGY EXERCISE KIN 358 3 CREDITS
 Prereq: BIOL 255, BIOL 255L, BIOL 256 AND
 BIOL 256L
 Note: COURSE RESTRICTED TO C H E, D EXA, D EXH,
 PDEXA, PDEXH JRS & SRS, KIN H MAJORS.
 5766005 1 MWF 12:10-1:00 KING D
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 PDEXA, PDEXH JRS & SRS & KIN H MAJORS.
 5766010 2 MWF 12:10-1:00 KING D
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR,
 D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH. JRS &
 ABOVE ONLY.
 5766015 3 MWF 8:00-8:50 LANG J
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 PDEXA, PDEXH JRS & SRS & KIN H MAJORS.
 5766020 4 MWF 8:00-8:50 LANG J
 MEETS: JAN 13-MAY 8
 Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN A TR,
 D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH. JRS &
 ABOVE ONLY.

EXERCISE PHYSIOL LAB KIN 359 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN KIN 358
 0139005 1 T 8:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Materials and equipment use fee \$50.00
 0139010 2 T 10:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Materials and equipment use fee \$50.00
 0139015 3 T 12:10-2:00
 MEETS: JAN 13-MAY 8
 Note: Materials and equipment use fee \$50.00
 0139020 4 T 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: Materials and equipment use fee \$50.00

SOC PHY ACTV&HEALTH KIN 360 3 CREDITS
 Prereq: SOC 134
 5753005 1 ARRANGED COFFMAN H
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH,
 PDEXA, P ATR, PDEXH JRS & SRS, KIN H, FSHNH
 GRADS
 5753010 2 ARRANGED COFFMAN H
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO A TR, D EXA, D EXH, PDEXA,
 P ATR, PDEXA, PDEXH JRS & SRS, KIN H MAJORS.
 5753015 3 ARRANGED COFFMAN H
 MEETS: JAN 13-MAY 8
 Note: SEC 3 OPEN TO MAJORS OTHER THAN A TR, D EXA,
 D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH
 5753020 4 ARRANGED COFFMAN H
 MEETS: JAN 13-MAY 8
 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 13-MAY 8
 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 13-MAY 8
 Note: SEC 2 OPEN TO MAJORS OTHER THAN A TR, D EXA,
 D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH

KINESIOLOGY (CONTINUED)

EXERCISE PSYCHOLOGY KIN 366 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 7190005 1 TR 11:00-12:20 EKKEKAKIS P
 MEETS: JAN 13-MAY 8
 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 13-MAY 8
 Note: SEC FOR JRS 7 SRS OTHER THAN C H E,
 PDEXA, PDEXH, OR KIN H MAJORS

MOTOR CNTROL LIFESP KIN 372 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230, BIOL 255,256
 9623005 1 MWF 9:00-9:50 STEGEMOLLER E
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 PDEXA, PDEXH JRS & SRS & KIN H, FSHNH GRADS
 9623010 2 MWF 9:00-9:50 STEGEMOLLER E
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR,
 D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH. JRS &
 ABOVE ONLY

STUDY ABROAD PREP KIN 381A 1 CREDIT
 Prereq: SOPH, JR, OR SENIOR IN KINESIOLOGY
 AND HEALTH OR ATHLETIC TRAINING MAJOR, MINIMUM GPA
 OF 2.5, KIN 252, KIN 258
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 0484005 1 R 4:10-5:00 FRANKE W
 MEETS: JAN 13-MAY 8

INTERNSH SRCH STRAT KIN 385 .5 CREDIT
 Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN
 MINIMUM OF TWO SEMESTERS PRIOR TO REQUIRED INTERNSHIP
 Note: COURSE RESTRICTED TO KIN H, JRS &
 ABOVE & FSHNA AND FSHNH GRADUATE STUDENTS.
 Satisfactory-Fail Only.
 5761005 1 R 2:10-3:00 POWER D
 MEETS: JAN 13-MARCH 6
 5761010 2 F 1:10-2:00, ARRANGED POWER D
 MEETS: JAN 13-MARCH 6

SRV LRN LEADSHP EXP KIN 391 1- 3 CREDITS
 Satisfactory-Fail Only.
 6691005 1 ARRANGED WELK G
 MEETS: JAN 13-MAY 8

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
 5764010 1A ARRANGED LIPSEY H
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5764015 1R ARRANGED LIPSEY H
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5764020 2A ARRANGED LIPSEY H
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5764025 2R ARRANGED LIPSEY H
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.

SUPR TCHG-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
 5765005 1A ARRANGED LIPSEY H
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5765010 1R ARRANGED LIPSEY H
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5765015 2A ARRANGED LIPSEY H
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 5765020 2R ARRANGED LIPSEY H
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE SECOND 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.

KINESIOLOGY

(CONTINUED)

KINESIOLOGY

(CONTINUED)

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 13-MAY 8

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 11:00-1:00 FRANKE L
 MEETS: JAN 13-MAY 8
 5767010 2 MWF 1:10-2:00 FRANKE W
 T 1:10-3:00 FRANKE L
 MEETS: JAN 13-MAY 8
 5767015 3 MWF 1:10-2:00 FRANKE W
 T 3:10-5:00 FRANKE L
 MEETS: JAN 13-MAY 8
 5767020 4 MWF 10:00-10:50 ANDERSON A
 R 11:00-1:00 FRANKE L
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$25.00
 5767025 5 MWF 10:00-10:50 ANDERSON A
 R 1:10-3:00 FRANKE L
 MEETS: JAN 13-MAY 8
 5767030 6 MWF 10:00-10:50 ANDERSON A
 R 3:10-5:00 FRANKE L
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$25.00

INTERN EXER LEADRSK KIN 459 1 CREDIT
 Prereq: C- OR BETTER IN KIN 259, CPR
 CERTIFICATION, CURRENT ENROLLMENT IN KIN 458
 Note: CONCURRENT ENROLLMENT IN 458 IS REQUIRED.
 RESTRICTED TO D EXA, D EXH, PDEXA, PDEXH
 JRS & SRS, KIN H MAJORS.
 3473005 1 ARRANGED ANDERSON A
 MEETS: JAN 13-MAY 8

MEDIC ASPECTS EXERC KIN 462 3 CREDITS
 Prereq: KIN 358
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR,
 PDEXA, PDEXH JRS & SRS & KIN H, FSHNH AND FSHNA GRADS
 5763005 1 MWF 9:00-9:50 KING D
 MEETS: JAN 13-MAY 8
 5763010 2 MWF 2:10-3:00 FRANKE W
 MEETS: JAN 13-MAY 8
 5763015 3 TR 8:00-9:20 VALENTINE R
 MEETS: JAN 13-MAY 8

EXRCSE MENTAL HEALT KIN 466X 3 CREDITS
 Prereq: KIN 366, OR SENIOR STATUS IN PSYCH, OR
 INSTRUCTOR PERMISSION
 0532005 1 TR 12:40-2:00 MEYER J
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR
 KIN, KIN H, P DEXA, PDEXH JR & SRS.
 0532010 2 TR 12:40-2:00 MEYER J
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO PSYCH MAJORS JR & ABOVE
 OR PERMISSION OF INSTRUCTOR

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 WERSTEIN K
 ARRANGED WERSTEIN K
 MEETS: JAN 13-MAY 8

MEASUREMT IN PHY ED KIN 471 3 CREDITS
 Prereq: ADMISSION TO EDUCATOR PREPARATION
 PROGRAM, KIN 280 AND 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 13-MAY 8

NEURL BASIS HUM MVT KIN 472 3 CREDITS
 Prereq: KIN 372 OR PSYCH 310
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR
 KIN, KIN H, P DEXA, PDEXH JR & SRS.
 7322005 1 TR 9:30-10:50 SMILEY-OYEN A
 MEETS: JAN 13-MAY 8

PHYSCL DIMENS AGING KIN 473 3 CREDITS
 Prereq: KIN 355 OR KIN 358 OR KIN 372
 8757005 1 MWF 11:00-11:50 STEGEMOLLER E
 MEETS: JAN 13-MAY 8

FUNCTIONAL ANATOMY KIN 480 3 CREDITS
 Prereq: KIN 355; BIOL 155 OR BIOL 255 AND BIOL
 256
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR
 KIN, KIN H, P DEXA, PDEXH JR & SRS.
 6175005 1 TR 11:00-12:20 DERRICK T
 MEETS: JAN 13-MAY 8

INTRN EXERCISE SCI KIN 485A 8-16 CREDITS
 Prereq: ALL REQUIRED COURSES; C- OR BETTER IN
 KIN 458, KIN 459, AND KIN 462; CLASSIFICATION IN A
 KINESIOLOGY OR HEALTH MAJOR; CUMULATIVE GPA 2.0
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

UG TEACHING EXPERNC KIN 491X 1- 2 CREDITS
 Prereq: JUNIOR/SENIOR STATUS AND PERMISSION OF
 COORDINATOR
 Satisfactory-Fail Only.
 ***** 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 1 T 2:10-3:00 WELK G
 MEETS: JAN 13-MAY 8

PRA MOTV INTVW:SUPV KIN 494B 1- 2 CREDITS
 Prereq: KIN 494A, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 9729005 1 ARRANGED WELK G
 MEETS: JAN 13-MARCH 6
 9729010 2 ARRANGED WELK G
 MEETS: MARCH 9-MAY 8

RESRCH MTH PHY ACTV KIN 501 3 CREDITS
 Prereq: GRAD CLASSIFICATION IN KINESIOLOGY AND
 HEALTH
 5780005 1 TR 12:40-2:00 PITCHFORD E
 MEETS: JAN 13-MAY 8

QUAN ANLY HUMAN MOV KIN 516 3 CREDITS
 Prereq: KIN 355
 5801005 1 TR 2:10-3:20 DERRICK T
 MEETS: JAN 13-MAY 8
 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 13-MAY 8
 7443010 2A ARRANGED
 MEETS: JAN 13-MAY 8

STDT TEACH SECD P E KIN 519 8 CREDITS
 Prereq: KIN 512, KIN 570, KIN 575
 7448005 1A ARRANGED
 MEETS: JAN 13-MAY 8
 7448010 2A ARRANGED
 MEETS: JAN 13-MAY 8

ADV PHYSIOL EXER II KIN 551 3 CREDITS
 Prereq: KIN 505
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 5792005 1 ARRANGED LANG J
 MEETS: JAN 13-MAY 8

EXERC&HLTH:BHVR CHG KIN 567 3 CREDITS
 Prereq: KIN 366 OR EQUIVALENT
 3232005 1 W 10:00-11:50 WERSTEIN K
 ARRANGED WERSTEIN K
 MEETS: JAN 13-MAY 8

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 13-MAY 8

NEURAL BASIS HM MVT KIN 572 3 CREDITS
 Prereq: KIN 372 OR PSYCH 310
 7327005 1 TR 9:30-10:50 SMILEY-OYEN A
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS P E KIN 590A 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO KIN 590B 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY

(CONTINUED)

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 2020
 Instructor permission required 1st week.
 5812005 1 F 1:10-2:00 CHOU L
 MEETS: JAN 13-MAY 8

RESEARCH KIN 699 1- 6 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

CITY PLAY! L A 171 3 CREDITS
 Note: Meets U.S. diversity reqmt
 4724005 1 ARRANGED SHIRTCLIFF B
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

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 13-MAY 8

4767010 2 MW 1:10-5:20 CHEN J
 F 4:10-5:20 CHEN J
 F 1:10-3:50 CHEN J
 MEETS: JAN 13-MAY 8

DIGTL DSN MTHS L A L A 211 3 CREDITS
 9796005 1 W 11:00-11:50 WESTORT C
 F 10:00-11:50 WESTORT C
 MEETS: JAN 13-MAY 8

INTRDUCD PLT MIDWST L A 222 3 CREDITS
 Prereq: L A 221
 Note: Instructor permission required 1st week.
 4774005 1 T 12:40-1:30 STEVENS J
 T 1:40-4:00 STEVENS J
 R 2:10-4:00 STEVENS J
 MEETS: JAN 13-MAY 8

SOCIAL&BEHAV LNDSCP L A 274 3 CREDITS
 Note: Meets U.S. diversity reqmt
 7943005 1 T 9:30-10:50 YOST B
 R 9:30-10:50 YOST B
 MEETS: JAN 13-MAY 8

LANDSCAPE DYNAMICS L A 282 3 CREDITS
 Prereq: SOPHOMORE STANDING
 4263005 1 T 11:00-11:50 WAGNER M
 R 11:00-12:50 WAGNER M
 MEETS: JAN 13-MAY 8

LANDSCAPE ARCHITECTURE

(CONTINUED)

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 WAGNER M
 F 4:10-5:20 WAGNER M
 MW 1:10-5:20 WAGNER M
 MEETS: JAN 13-MAY 8

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 13-MAY 8

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

CONTEMP LANDSC ARCH L A 341 1 CREDIT
 Prereq: L A 301
 6119005 1 M 12:10-1:00 MARTIN M
 MEETS: JAN 13-MAY 8

HIST MODRN LANDSCAP L A 371 3 CREDITS
 4662005 1 TR 9:30-10:50 HOHMANN H
 MEETS: JAN 13-MAY 8

PROFESSIONL PRACTCE L A 442 2 CREDITS
 Prereq: L A 481
 Note: Instructor permission required 1st week.
 4783005 1 T 9:30-11:20 ROGERS C
 MEETS: JAN 13-MAY 8

LAND ARCH INTERNSHP L A 444A R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 3036005 1 ARRANGED ROGERS C
 MEETS: JAN 13-MAY 8

L ARCH STUDY ABROAD L A 444B R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 6212005 1 ARRANGED ROGERS C
 MEETS: JAN 13-MAY 8

LA NAT'L STDT XCHNG L A 444C R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 6213005 1 ARRANGED ROGERS C
 MEETS: JAN 13-MAY 8

DIGTL DSN MTH L ARC L A 459 3 CREDITS
 0026005 1 TR 11:00-12:30
 MEETS: JAN 13-MAY 8

TOPIC INTERDISCIPLIN L A 478I 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION
 Note: TOPIC: TEACHING ENVIROMENT DESIGN & EDUCATION
 WITH PRISON POPULATIONS. TUESDAYS CLASS WILL MEET IN
 DESIGN 462. THURSDAY THE CLASS WILL TRAVEL TO
 MITCHELLVILLE. OFFERED FOR 3 CREDITS SPRING 2020
 3970005 1 T 12:30-2:00
 R 9:00-1:30
 MEETS: MARCH 9-MAY 8

ADV LNDSCP CONSTRUC L A 482 3 CREDITS
 Prereq: L A 481
 8224005 1 TR 2:40-4:00 KLEIN-HEWETT H
 MEETS: JAN 13-MAY 8

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

LANDSCAPE ARCHITECTURE (CONTINUED)

LANDSCAPE ARCHITECTURE (CONTINUED)

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 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

DESIGN INQUIRY L A 541 3 CREDITS
 Prereq: GRADUATE STANDING
 Note: Instructor permission required 1st week.
 4806005 1 M 9:00-11:50
 MEETS: JAN 13-MAY 8

PROFESSIONL PRACTCE L A 542 2 CREDITS
 Note: Instructor permission required 1st week.
 3451005 1 T 9:30-11:20 ROGERS C
 MEETS: JAN 13-MAY 8

COLLOQUIUM I - RSRCH L A 543 1 CREDIT
 Prereq: GRADUATE STANDING
 Satisfactory-Fail Only.
 9821005 1 R 12:40-1:50 ENGLER M
 MEETS: JAN 13-MAY 8

DIGTL DSN MTH L ARC L A 559 3 CREDITS
 9822005 1 TR 11:00-12:30 WESTORT C
 MEETS: JAN 13-MAY 8

TOPIC INTERDISCIPLIN L A 578I 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION
 Note: TOPIC: DESIGN FOR HEALTH
 OFFERED FOR 3 CREDITS SPRING 2020
 7202005 1 T 12:30-2:00
 R 9:00-1:30
 MEETS: MARCH 9-MAY 8

THESIS,CRTV CMP,TUT L A 580 1- 4 CREDITS
 Prereq: PERMISSION OF MAJOR PROFESSOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCPE STRUCTURES L A 587 3 CREDITS
 Prereq: L A 583
 9936005 1 TR 2:40-4:00, ARRANGED KLEIN-HEWETT H
 MEETS: JAN 13-MAY 8

SPL TOP LANDSC DSGN L A 590A 1- 6 CREDITS
 Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
 GRADUATE EDUCATION ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN L A 590B 1- 6 CREDITS
 Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
 GRADUATE EDUCATION ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN L A 590C 1- 6 CREDITS
 Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
 GRADUATE EDUCATION ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY L A 590D 1- 6 CREDITS
 Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
 GRADUATE EDUCATION ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC PLAN L A 590E 1- 6 CREDITS
 Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
 GRADUATE EDUCATION ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSGN L A 590F 1- 6 CREDITS
 Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
 GRADUATE EDUCATION ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS L A 590G 1- 6 CREDITS
 Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
 GRADUATE EDUCATION ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP L A 590I 1- 6 CREDITS
 Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
 GRADUATE EDUCATION ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI L A 590J 1- 6 CREDITS
 Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
 GRADUATE EDUCATION ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL L A 590K 1- 6 CREDITS
 Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
 GRADUATE EDUCATION ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECO DESIGN L A 590L 1- 6 CREDITS
 Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
 GRADUATE EDUCATION ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL/BEHV L A 590M 1- 6 CREDITS
 Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
 GRADUATE EDUCATION ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NATU RESRCE L A 590N 1- 6 CREDITS
 Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
 GRADUATE EDUCATION ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN L A 591 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2350005 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

ENVIR JUSTC BUILT E L A 594 3 CREDITS
 Prereq: GRADUATE STANDING OR SENIOR CLASSIFICATN
 4164005 1 R 5:10-8:00PM SHIRTCLIFF B
 MEETS: JAN 13-MAY 8

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 1 MWF 1:10-5:20 KLEIN-HEWETT H
 MEETS: JAN 13-MAY 8

STDO IV:CITY MATTRS L A 604 6 CREDITS
 Prereq: L A 603
 4029005 1 TR 8:00-1:00, ARRANGED ENGLER M
 MEETS: JAN 13-MAY 8

LANDSCAPE ARCHITECTURE (CONTINUED)

THESIS RESEARCH L A 699 1- 8 CREDITS
 Prereq: PERMISSION OF MAJOR PROFESSOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LATIN

ELEMENTARY LATIN II LATIN 102 4 CREDITS
 Prereq: LATIN 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL LATIN MAY NOT ENROLL IN 102. STUDENTS WHO HAVE COMPLETED MORE THAN 1 YEAR BUT LESS THAN 3 YEARS OF H.S. LATIN ARE REQUIRED TO TAKE 1ST YR TESTOUT EXAM.
 Meets international perspectives reqmt
 4855005 1 MTWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 4855010 2 MTWF 2:10-3:00
 MEETS: JAN 13-MAY 8

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 1 W 12:10-1:00
 MEETS: JAN 13-MAY 8
 9525010 2 T 12:40-2:00
 MEETS: JAN 13-AUG 21
 Note: RESTRICTED TO LAS S MAJORS ONLY
 9525015 3 M 3:10-5:00
 MEETS: JAN 13-MARCH 6
 Note: SEC 3 FOR SORORITY & FRATERNITY ENGAGEMENTS ONLY.
 Instructor permission required.

CAMPUS LDRSHP DEVEL LD ST 270 3 CREDITS
 9524005 1 T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY LD ST 290 1- 3 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LEAD THRU SRVC LRNG LD ST 291A 1- 4 CREDITS
 6112005 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1 FOR SORORITY & FRATERNITY ENGAGEMENTS ONLY. OFFERED FOR 3 CREDITS
 Instructor permission required.

LEAD THRU SRVC:DVRS LD ST 291B 1- 4 CREDITS
 Note: COURSE FOR 1ST YR STUDENT ENROLLED IN THE WISE PROGRAM DESIGNATED MAJORS ONLY
 Meets U.S. diversity reqmt
 6116005 1 M 3:10-4:30
 W 3:10-4:30
 MEETS: JAN 13-MAY 8
 6116010 2 M 3:10-4:30
 W 3:10-4:30
 MEETS: JAN 13-MAY 8
 6116015 3 M 3:10-4:30
 W 3:10-4:30
 MEETS: JAN 13-MAY 8
 6116020 4 M 3:10-4:30
 W 3:10-4:30
 MEETS: JAN 13-MAY 8

LDRSHP DIVERSE SOCI LD ST 322 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 4949005 1 MW 3:10-4:30
 MEETS: JAN 13-MAY 8
 4949010 2 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 4949015 3 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 4949600 XV ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW
 4949605 XW ARRANGED
 MEETS: JAN 13-MAY 8
 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 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

LEADERSHIP STUDIES (CONTINUED)

CULTR & GLOBL LDRSHP LD ST 360 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 0107005 1 T 4:10-7:00PM
 MEETS: JAN 13-MAY 8

SPL TOPC: LEADERSHP LD ST 370 1- 3 CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS
 TOPIC: LEADERSHIP, ENTREPRENEURSHIP, AND INNOVATION
 9937005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

LEADR CAPSTONE SMNR LD ST 422 3 CREDITS
 Prereq: LD ST 322
 3700005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

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

FOUND LEARNING&TEAM L L S 112 2 CREDITS
 3590005 1 T 12:10-2:00
 MEETS: JAN 13-MAY 8

DEVEL RSPNSBL LRNRS L L S 114 2 CREDITS
 Prereq: L L S 112
 3589005 1 W 4:10-6:00PM
 MEETS: JAN 13-MAY 8
 3589010 2 W 9:00-10:50
 MEETS: JAN 13-MAY 8

PROB SOLV &ACT PLAN L L S 312 3 CREDITS
 Prereq: L L S 212
 3592005 1 M 4:10-6:40PM
 MEETS: JAN 13-MAY 8

LIBERAL ARTS & SCIENCES

COMMUNCTN FRONTIERS LAS 103C 1 CREDIT
 Note: NO MORE THAN 3 TOTAL CREDITS OF LAS 103X, LAS 103A, LAS 103B, LAS 103C, LAS 103D, AND LAS 103E MAY BE APPLIED TOWARD GRADUATION
 Satisfactory-Fail Only.
 7464005 1 W 4:10-5:00 ODENWELLER K
 MEETS: JAN 13-MAY 8
 Note: SEC 1 TOPIC: THE "CATCH 22'S" OF JUGGLING FAMILY & WORK

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 SAKAGUCHI D
 MEETS: JAN 13-MAY 8
 Note: SEC 1 TOPIC: STEM CELLS AND CELLULAR ENGINEERING: APPLICATIONS, POLITICS AND ETHICS

BOLD LRNG CMM SEMNR LAS 106 1 CREDIT
 Prereq: MEMBERSHIP IN THE BOLD LEARNING COMMUNITY
 Satisfactory-Fail Only.
 4031005 1 W 3:10-5:00 OXENDINE C
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

PROFSNL CAREER PREP LAS 203X 1 CREDIT
 Note: COURSE RESTRICTED TO LAS SOPH, JR & SR ONLY
 Satisfactory-Fail Only.
 0294005 1 MW 12:10-1:00 WAGNER A
 MEETS: JAN 13-MARCH 6
 0294010 2 TR 11:00-11:50 WAGNER A
 MEETS: MARCH 9-MAY 8
 0294605 XV ARRANGED WAGNER A
 MEETS: MARCH 9-MAY 8
 Note: THIS COURSE IS RESTRICTED TO COLLEGE OF LAS SOPHOMORES, JUNIORS AND SENIORS.
 Section XV is off campus
 Course delivery is WWW
 0294610 XW ARRANGED WAGNER A
 MEETS: JAN 13-MARCH 6
 Note: SECTION RESTRICTED TO LAS ONLY AND SOPHOMORE CLASSIFICATION OR ABOVE
 Section XW is off campus
 Course delivery is WWW

STEM SCHOLARS SEMNR LAS 245 1 CREDIT
 Satisfactory-Fail Only.
 4866005 1 M 4:10-5:30 WELCH C
 MEETS: JAN 13-MAY 8

LIBERAL ARTS & SCIENCES

(CONTINUED)

LIBRARY

(CONTINUED)

SRVC LRN INTL PERSP LAS 291C 1- 4 CREDITS
 Prereq: PERMISSION OF THE LAS COLLEGE
 Note: Meets international perspectives reqmt
 3699005 1 T 4:10-6:00PM GILLMORE E
 MEETS: JAN 13-MAY 8
 Note: SEC 1 OFFERED FOR 3 CREDITS

SPL PROJCTS ADVISNG LAS 293B 1- 3 CREDITS
 Prereq: PERMISSION OF THE COLLEGE OF LAS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2020
 Instructor permission required.
 Satisfactory-Fail Only.
 2998005 1 TR 8:00-8:50 CARTAGENA A
 MEETS: MARCH 9-MAY 8

SPECIAL PROJECTS LAS 293D 1- 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LAS LAW LAS 400 R CREDIT
 Note: College permission required.
 9763005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 DRAKE LAW SCHOOL
 9763010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 UNIVERSITY OF IOWA LAW SCHOOL

INDEPENDENT STUDY LAS 490A VAR. CREDITS
 Prereq: PERMISSION OF THE LAS COLLEGE
 Note: College permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRNSH LAS 490E VAR. CREDITS
 Prereq: PERMISSION OF THE LAS COLLEGE
 Note: NO MORE THAN 9 CREDITS OF LAS 490 MAY BE
 APPLIED TOWARD GRADUATION.
 College permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SRVC LRN:DVRSTY LAS 491B 1- 4 CREDITS
 Prereq: PERMISSION OF THE COLLEGE OF LAS
 Note: Meets U.S. diversity reqmt
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SVC LRN:INTL PR LAS 491C 1- 4 CREDITS
 Prereq: PERMISSION OF THE COLLEGE OF LAS
 Note: Meets international perspectives reqmt
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LAS 499 1- 4 CREDITS
 Prereq: PERMISSION OF LAS CAREER SERVICES
 4466010 2 ARRANGED CROW T
 MEETS: JAN 13-MAY 8
 Note: College permission required.

LIBRARY

INFORMATN LITERACY LIB 160 1 CREDIT
 Prereq: COMPLETION OF ENGL 101 REQUIRED FOR
 STUDENTS PLACED IN ENGL 101
 Note: TEST-OUT EXAM SCHEDULED WED., JAN. 22; THURS.,
 JAN. 23; WED., MARCH 25; OR THURS., MARCH 26,
 SPECIAL LIBRARY TEST-OUT FEE IS \$100. DETAILS
 AVAILABLE IN 140 PARKS LIBRARY.
 Satisfactory-Fail Only.
 4862005 1 M 2:00-9:50, ARRANGED
 MEETS: JAN 13-MARCH 6

4862010 2 M 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MARCH 6

4862015 3 M 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MARCH 6

4862020 4 M 1:10-2:00, ARRANGED
 MEETS: JAN 13-MARCH 6

4862025 5 T 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MARCH 6

4862030 6 T 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MARCH 6

4862035 7 T 1:10-2:00, ARRANGED
 MEETS: JAN 13-MARCH 6

4862040 8 T 2:10-3:00, ARRANGED
 MEETS: JAN 13-MARCH 6

4862045 9 W 9:00-9:50, ARRANGED
 MEETS: JAN 13-MARCH 6

4862050 10 W 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MARCH 6

4862055 11 W 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MARCH 6

4862060 12 W 1:10-2:00, ARRANGED
 MEETS: JAN 13-MARCH 6

4862065 13 R 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MARCH 6

4862070 14 R 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MARCH 6

4862075 15 R 1:10-2:00, ARRANGED
 MEETS: JAN 13-MARCH 6

INFORMATN LITERACY LIB 160 1 CREDIT
 4862080 16 R 2:10-3:00, ARRANGED
 MEETS: JAN 13-MARCH 6

4862085 17 F 9:00-9:50, ARRANGED
 MEETS: JAN 13-MARCH 6

4862090 18 F 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MARCH 6

4862095 19 F 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MARCH 6

4862100 20 F 1:10-2:00, ARRANGED
 MEETS: JAN 13-MARCH 6

4862105 21 M 9:00-9:50, ARRANGED
 MEETS: MARCH 9-MAY 8

4862110 22 M 10:00-10:50
 ARRANGED
 MEETS: MARCH 9-MAY 8

4862115 23 M 11:00-11:50
 ARRANGED
 MEETS: MARCH 9-MAY 8

4862120 24 M 1:10-2:00, ARRANGED
 MEETS: MARCH 9-MAY 8

4862125 25 M 2:10-3:00, ARRANGED
 MEETS: MARCH 9-MAY 8

4862130 26 T 9:00-9:50, ARRANGED
 MEETS: MARCH 9-MAY 8

4862135 27 T 10:00-10:50
 ARRANGED
 MEETS: MARCH 9-MAY 8

4862140 28 T 11:00-11:50
 ARRANGED
 MEETS: MARCH 9-MAY 8

4862145 29 T 1:10-2:00, ARRANGED
 MEETS: MARCH 9-MAY 8

4862150 30 T 2:10-3:00, ARRANGED
 MEETS: MARCH 9-MAY 8

4862155 31 W 9:00-9:50, ARRANGED
 MEETS: MARCH 9-MAY 8

4862160 32 W 10:00-10:50
 ARRANGED
 MEETS: MARCH 9-MAY 8

4862165 33 W 11:00-11:50
 ARRANGED
 MEETS: MARCH 9-MAY 8

4862170 34 W 1:10-2:00, ARRANGED
 MEETS: MARCH 9-MAY 8

4862175 35 W 2:10-3:00, ARRANGED
 MEETS: MARCH 9-MAY 8

4862180 36 R 10:00-10:50
 ARRANGED
 MEETS: MARCH 9-MAY 8

4862185 37 R 11:00-11:50
 ARRANGED
 MEETS: MARCH 9-MAY 8

4862190 38 R 1:10-2:00, ARRANGED
 MEETS: MARCH 9-MAY 8

4862200 39 F 10:00-10:50
 ARRANGED
 MEETS: MARCH 9-MAY 8

4862205 40 F 11:00-11:50
 ARRANGED
 MEETS: MARCH 9-MAY 8

LINGUISTICS

INTRO STDY LINGUIST LING 101 1 CREDIT
 7490005 1 TR 3:40-4:30
 MEETS: JAN 13-MARCH 6

INTRO WORLD LANGUAG LING 119 3 CREDITS
 Note: Meets international perspectives reqmt
 6257005 1A MWF 3:10-4:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
 6257010 1B MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

COMPUTERS & LANGUAGE LING 120 3 CREDITS
 6187005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

INTR SYMBOLIC LOGIC LING 207 3 CREDITS
 8592005 1 TR 12:40-2:00 BUTLER A
 MEETS: JAN 13-MAY 8

INTRO LINGUISTICS LING 219 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 8593010 2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO ENGL, LING SOPH & ABOVE
 8593015 3 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

LINGUISTICS		(CONTINUED)	
DESCRPT ENGL GRAMMAR	LING 220	3 CREDITS	
Prereq: ENGL 250			
8594005	1 MWF 11:00-11:50		
MEETS: JAN 13-MAY 8			
8594010	2 TR 2:10-3:30		
MEETS: JAN 13-MAY 8			
8594600	XW ARRANGED	SCHAEFER S	
MEETS: JAN 13-MAY 8			
Note: Section XW is off campus			
Course delivery is WWW			
LANGUAG,THOUGHT&ACT	LING 305	3 CREDITS	
Prereq: ENGL 250			
Note: Instructor permission required 1st week.			
6411005	1 TR 11:00-12:20		
MEETS: JAN 13-MAY 8			
INTRO CULTUR&LANGUA	LING 309	3 CREDITS	
Prereq: ANTHR 201 RECOMMENDED			
Note: Meets international perspectives reqmt			
8599600	XW ARRANGED	VIATORI M	
MEETS: MARCH 9-MAY 8			
Note: Section XW is off campus			
Course delivery is WWW			
LANGUAGE & SOCIETY	LING 322	3 CREDITS	
Prereq: ENGL 219 OR LING 219			
3104005	1 MWF 9:00-9:50		
MEETS: JAN 13-MAY 8			
TEACH ESL:ORAL COMM	LING 325	3 CREDITS	
Prereq: ENGL 219 OR LING 219			
3218005	1 MWF 2:10-3:00		
MEETS: JAN 13-MAY 8			
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	EULENSTEIN O	
MEETS: JAN 13-MAY 8			
8601100	1 T 9:00-9:50		
MEETS: JAN 13-MAY 8			
8601105	2 T 3:10-4:00		
MEETS: JAN 13-MAY 8			
8601110	3 T 10:00-10:50		
MEETS: JAN 13-MAY 8			
INTR SPAN/ENG TRNSL	LING 351	3 CREDITS	
Prereq: SPAN 301, SPAN 303 OR SPAN 304			
Note: Meets international perspectives reqmt			
4036600	XW ARRANGED	PARDO-BALLESTER	
MEETS: JAN 13-MAY 8			
Note: Section XW is off campus			
Course delivery is WWW			
INTR SPANSH PHONOLG	LING 352	3 CREDITS	
Prereq: SPAN 301, SPAN 303, OR SPAN 304			
Note: Meets international perspectives reqmt			
3492005	1 TR 2:10-3:30		
MEETS: JAN 13-MAY 8			
PHONETICS&PHONOLOGY	LING 371	3 CREDITS	
Prereq: CMDIS 275 OR ENGL 219			
8595005	1 TR 2:10-3:30		
MEETS: JAN 13-MAY 8			
PSYCH OF LANGUAGE	LING 413	3 CREDITS	
Prereq: PSYCH 101			
8603005	A1 TR 12:40-2:00	RICHIE C	
MEETS: JAN 13-MAY 8			
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.			
8603010	A2 TR 12:40-2:00	RICHIE C	
MEETS: JAN 13-MAY 8			
Note: SEC A2 RESTRICTED TO LING MAJORS			
8603015	A3 TR 12:40-2:00	RICHIE C	
MEETS: JAN 13-MAY 8			
Note: SEC A3 FOR MAJORS OTHER THAN PSYCH OR LING			
HIST OF ENGLISH LANG	LING 420	3 CREDITS	
Prereq: ENGL 219, ENGL 220			
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY			
8605005	1 MWF 11:00-11:50		
MEETS: JAN 13-MAY 8			
WOMEN,MEN&ENGL LANG	LING 422	3 CREDITS	
Prereq: ENGL/LING 219			
Note: Meets U.S. diversity reqmt			
3612005	1 TR 9:30-10:50		
MEETS: JAN 13-MAY 8			
2ND LANG LRNG&TCHNG	LING 425	3 CREDITS	
Prereq: ENGL 219, JUNIOR CLASSIFICATION			
9594005	1 MW 4:10-5:30		
MEETS: JAN 13-MAY 8			

LINGUISTICS		(CONTINUED)	
CONTRST SPAN ENGLISH	LING 462	3 CREDITS	
Prereq: SPAN 351			
4671005	1 MWF 10:00-10:50		
MEETS: JAN 13-MAY 8			
LANG&RDG DEVEL CHLD	LING 471	3 CREDITS	
Prereq: 275 OR PSYCH 230 OR ENGL 219			
8606600	XW ARRANGED	VENKATAGIRI H	
MEETS: JAN 13-MAY 8			
Note: Section XW is off campus			
Course delivery is WWW			
TOP DISOR:ANAT SPCH	LING 480A	3 CREDITS	
Prereq: CMDIS 275 OR LING 275; CMDIS 371			
OR LING 371; BIOL 255; PERMISSION OF INSTRUCTOR			
9356600	XW ARRANGED	VENKATAGIRI H	
MEETS: JAN 13-MAY 8			
Note: Section XW is off campus			
Course delivery is WWW			
IND STU LINGUISTICS	LING 490B VAR.	CREDITS	
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE			
TO THE TOPIC, JR CLASSIFICATION, PERMISSION OF THE			
UNDERGRADUATE STUDIES COMMITTEE			
Note: Department permission required.			
***** SEE DEPT FOR REFERENCE NUMBERS			
IND STDY LING ANTHR	LING 490D	1- 5 CREDITS	
Prereq: 9 CREDITS IN ANTHROPOLOGY			
Note: Instructor permission required 1st week.			
***** SEE DEPT FOR REFERENCE NUMBERS			
COMM DISORDR FLDWRK	LING 492	1- 2 CREDITS	
Prereq: CMDIS 371 OR LING 371; CMDIS 471 OR			
LING 471; COMPLETION OR CONCURRENT ENROLLMENT IN			
CMDIS 480A OR 480B OR 480C OR LING 480A OR 480B			
OR 480C			
8958600	XW ARRANGED	VENKATAGIRI H	
MEETS: JAN 13-MAY 8			
Note: Section XW is off campus			
Course delivery is WWW			
2ND LANGUAGE ACQUIS	LING 512	3 CREDITS	
Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS			
8622005	1 TR 12:40-2:00		
MEETS: JAN 13-MAY 8			
Note: COURSE RESTRICTED TO GRADUATE ENGL MAJORS			
LANGU ASSESS PRACTM	LING 513	3 CREDITS	
Prereq: ENGL 519			
Note: RESTRICTED TO ENGL GRADS ONLY			
9060005	1 ARRANGED		
MEETS: JAN 13-MAY 8			
MTHD FRML LING ANLY	LING 516	3 CREDITS	
Prereq: ENGL 219/LING 219 OR EQUIVALENT			
0035005	1 MW 2:10-3:30		
MEETS: JAN 13-MAY 8			
CORPUS LINGUISTICS	LING 517X	3 CREDITS	
Prereq: ENGL 511 OR LING 511 OR AN INTRODUCTORY			
COURSE IN LINGUISTICS			
0471005	1 MW 11:00-12:20		
MEETS: JAN 13-MAY 8			
2ND LANUAGE ASSESSM	LING 519	3 CREDITS	
Prereq: ENGL 511			
9070005	1 TR 9:30-10:50		
MEETS: JAN 13-MAY 8			
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	1 ARRANGED		
MEETS: JAN 13-MAY 8			
SPL TOP TESL/LINGUI	LING 590B VAR.	CREDITS	
Prereq: PERMISSION OF THE GRADUATE STUDIES			
COMMITTEE ACCORDING TO GUIDELINES AVAILABLE IN THE			
DEPARTMENT OFFICE			
***** SEE DEPT FOR REFERENCE NUMBERS			
SPL TP APP LING&TEC	LING 590G VAR.	CREDITS	
Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE			
ACCORDING TO GUIDELINES AVAILABLE IN ENGL DEPT OFFICE			
***** SEE DEPT FOR REFERENCE NUMBERS			
RSRCH MTHD APP LING	LING 623	3 CREDITS	
Prereq: ENGL 511, ENGL 517, ENGL 519			
6551005	1 MW 9:30-10:50		
MEETS: JAN 13-MAY 8			
SMNR APPLD LINGUIST	LING 630	3 CREDITS	
Prereq: ENGL 510, ENGL 511			
6567005	1 TR 11:00-12:20		
MEETS: JAN 13-MAY 8			
Note: SEC 1 TOPIC: INTELLIGIBILITY			
6567010	2 T 3:40-6:40PM		
MEETS: JAN 13-MAY 8			

MANAGEMENT

ENTREPRENRSH&INNOV MGMT 310 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH, JRS, SRS, & SPECIALS,
 NOT OPEN TO P BUS OR GRADUATE STUDENT WITHOUT
 PERMISSION FROM 1200 GERDIN

5318005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

5318010 2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

5318015 3 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

5318020 4 T 6:40-9:25PM
 MEETS: JAN 13-MAY 8

5318025 5 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

5318030 6 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

FEASIB ANLY&BUS PLN MGMT 313 3 CREDITS
 Prereq: MGMT 310
 Note: COURSE RESTRICTED TO SOPH, JRS, SRS, & SPECIALS,
 NOT OPEN TO P BUS OR GRADUATE STUDENT WITHOUT
 PERMISSION FROM 1200 GERDIN

6779005 1 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

6779010 2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

CORPORATE ENTREPREN MGMT 320 3 CREDITS
 Prereq: MGMT 310
 Note: SEC A1 RESTRICTED TO COLLEGE OF BUS
 UNDERGRADS EXCEPT P BUS. SEC A2 FOR
 OTHER COLLEGES THAN BUS MAJORS

8543005 A1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

8543010 A2 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

INT'L ENTREPRENRSH MGMT 367 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE INCLUDES A REQUIRED STUDY ABROAD
 TRIP TO ITALY DURING SPRING BREAK 2019.
 FOR MORE INFORMATION & TO REGISTER
 CONTACT TAYLOR SHIRE -TSHIRE@IASTATE.EDU
 RESTRICTED SOPH OR ABOVE EXCEPT
 P BUS WHO ARE PARTICIPATING IN STUDY ABROAD.
 Meets international perspectives reqmt
 Department permission required.

9427005 1 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS
 Prereq: ECON 101 OR ECON 102
 Note: 2-4 & 6-9 RESTRICTED TO ACCT, ACSCI, 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.
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN

5282005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

Note: SEC 1 RESTRICTED TO ANY MAJOR OTHER THAN
 BUSINESS COLLEGE & AG B, AN S, AST, AGSO, FS A
 HORT, I R, I TEC MAJORS

5282010 2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

5282015 3 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

5282020 4 W 6:40-9:25PM
 MEETS: JAN 13-MAY 8

5282025 5 W 6:40-9:25PM
 MEETS: JAN 13-MAY 8

Note: SEC 5 RESTRICTED TO ANY MAJOR OTHER THAN
 BUSINESS COLLEGE & AG B, AN S, AST, AGSO, FS A
 HORT, I R, I TEC MAJORS

5282030 6 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

5282035 7 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

5282040 8 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

5282045 9 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

ORGANIZATNAL BEHAVR MGMT 371 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: SEC A1,B1 ETC RESTRICTED ACCT, ACSCI, BUS S,
 BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS.
 SEC A2,B2 ETC FOR COLLEGES OTHER THAN BUS COLLEGE
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN

5283005 A1 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

5283010 A2 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

5283015 B1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

5283020 B2 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

5283025 C1 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

5283030 C2 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

MANAGEMENT

(CONTINUED)

ORGANIZATNAL BEHAVR MGMT 371 3 CREDITS

5283035 D1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

5283040 D2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

5283045 E1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

5283050 E2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

5283055 F1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

5283060 F2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

5283065 G1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

5283070 G2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

5283075 J1 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

5283080 J2 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

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 1 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

7048010 2 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

7048015 3 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

7048020 4 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

7048025 5 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

7048030 6 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

7048035 7 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

SOCIAL ENTREPRENRSH MGMT 410 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: SEC A1 RESTRICTED ACCT, ACSCI, BUS S, BUS U,
 BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS.
 SEC A2 FOR COLLEGES OTHER THAN BUS COLLEGE
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN

7200005 A1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

7200010 A2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

INTERNATIONAL MGMT MGMT 414 3 CREDITS
 Prereq: MGMT 370 OR MGMT 371
 Note: SEC A1,B1 ETC RESTRICTED TO AG B, I TEC, I BUS,
 MGMT MAJORS ONLY. SEC A2, B2 ECT. FOR ACCT, ACSCI,
 BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS.
 GRADUATE STUDENTS SEE 1200 GERDIN FOR
 PERMISSION.

5285005 A1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

5285010 A2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

5285015 B1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

5285020 B2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

PERS&HUM RESOUR MGT MGMT 471 3 CREDITS
 Prereq: MGMT 371
 Note: SEC A1,B1,C1 RESTRICTED TO MGMT MAJORS. SEC
 A2,B2,C2 RESTRICTED MAJORS OTHER MGMT, P BUS.
 COURSE
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN

5293005 A1 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

5293010 A2 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

5293015 B1 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

5293020 B2 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

MANAGE OF DIVERSITY MGMT 472 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION
 Meets U.S. diversity reqmt

4444005 A1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

Note: SEC A1 RESTRICTED TO ACCT, ACSCI, BUS S, BUS U,
 BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY.

4444010 A2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

Note: SEC A2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE

4444015 B1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

Note: SEC B1 RESTRICTED TO ACCT, ACSCI, BUS S, BUS U,
 BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY.

4444020 B2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

Note: SEC B2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE

MANAGEMENT

(CONTINUED)

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
 2020 IN THE COLLEGE OF BUSINESS

5294005 1 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

5294010 2 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

5294015 3 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

5294020 4 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

5294025 5 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

5294030 6 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

5294035 7 MW 5:10-6:25PM
 MEETS: JAN 13-MAY 8

5294040 8 M 6:40-9:25PM
 MEETS: JAN 13-MAY 8

5294045 9 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

5294050 10 T 6:40-9:25PM
 MEETS: JAN 13-MAY 8

5294055 11 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

5294060 12 R 6:40-9:25PM
 MEETS: JAN 13-MAY 8

5294065 13 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

5294070 14 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

5294075 15 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

5294080 16 W 6:40-9:25PM
 MEETS: JAN 13-MAY 8

5294085 17 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

5294090 18 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

TRENDS&THEOR ENTREP MGMT 485 3 CREDITS
 Prereq: MGMT 310; MGMT 313 OR MGMT 320
 Note: COURSE RESTRICTED TO SOPH, JRS, SRS, & SPECIALS
 NOT OPEN TO P BUS OR GRADUATE STUDENT WITHOUT
 PERMISSION FROM 1200 GERDIN

0019005 1 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY MGMT 490 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION, INSTRUCTOR
 PERMISSION
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTL ENTRPRENEURSHP MGMT 567 3 CREDITS
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 3728600 XW ARRANGED VANAUKEN H
 MEETS: JAN 13-APRIL 10
 Note: Section XW is off campus
 Course delivery is WWW

PERSONALITY & MGMT MGMT 572 3 CREDITS
 Prereq: GRADUATE STANDING OR PERMISSION OF
 INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

9258005 1 W 6:40-10:00PM
 MEETS: JAN 15-APRIL 8

STRATEG MGT INNOVAT MGMT 583 3 CREDITS
 Prereq: MGMT 504 OR PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

5816005 1 T 6:40-10:00PM
 MEETS: JAN 14-APRIL 7

5816600 XW ARRANGED HERRMANN P
 MEETS: JAN 14-APRIL 7
 Note: Section XW is off campus
 Course delivery is WWW

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 1 T 9:00-11:50
 MEETS: JAN 13-MAY 8

ORGANIZATNL THEORY MGMT 602 3 CREDITS
 Prereq: ENROLLMENT IN PH D PROGRAM
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

7266005 1 R 1:10-4:00
 MEETS: JAN 13-MAY 8

MANAGEMENT

(CONTINUED)

TOPCS ENTREPR RSRCH MGMT 607X 3 CREDITS
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 0015005 1 T 1:10-4:00
 MEETS: JAN 13-MAY 8

RESRCH PRACTICUM I MGMT 650 1 CREDIT
 Prereq: ENROLLMENT IN PH D PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT INFORMATION SYSTEMS

FUND CPTR PROGRAMNG MIS 207 3 CREDITS
 Prereq: MATH 150 OR PLACEMENT INTO MATH 140 OR
 HIGHER

6633005 1 MWF 9:00-9:50 NGWENYA J
 MEETS: JAN 13-MAY 8

Note: SEC 1 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

6633010 2 MWF 10:00-10:50 PRABHU G
 R 3:10-4:00
 MEETS: JAN 13-MAY 8

6633015 3 MWF 10:00-10:50 NGWENYA J
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

MGMT INFO SYSTEMS MIS 301 3 CREDITS
 Prereq: COM S 113 OR BUSAD 150
 Note: SEC A1, B1 ETC FOR COLLEGE OF BUSINESS MAJORS
 EXCEPT P BUS. SEC A2, B2 FOR MAJORS OTHER THAN THE
 COLLEGE OF BUSINESS MAJORS
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN

4394005 A1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

4394010 A2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

4394015 B1 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

4394020 B2 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

4394025 C1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

4394030 C2 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

4394035 D1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

4394040 D2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

4394045 E1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

4394050 E2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

4394055 F1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

4394060 F2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

4394065 G1 M 6:40-9:25PM
 MEETS: JAN 13-MAY 8

4394070 G2 M 6:40-9:25PM
 MEETS: JAN 13-MAY 8

4394075 J1 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

4394080 J2 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

4394085 K1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

4394090 K2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

4394095 L1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

4394100 L2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

4394105 M1 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

4394110 M2 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

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 12:10-1:00
 MEETS: JAN 13-MAY 8

9608010 A2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

9608015 B1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

9608020 B2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

9608025 C1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

9608030 C2 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

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 13-MAY 8

5290010 A2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

5290015 B1 MW 5:10-6:25PM
 MEETS: JAN 13-MAY 8

5290020 B2 MW 5:10-6:25PM
 MEETS: JAN 13-MAY 8

5290025 C1 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

5290030 C2 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

BSNSS DATA STRM&ISS MIS 315 3 CREDITS
 Prereq: COM S 113
 Note: RESTRICTED TO BUS COLLEGE UNDERGRADS EXCEPT P BUS. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

8221005 1 T 6:40-9:25PM
 MEETS: JAN 13-MAY 8

DATABASE MGT SYSTEMS 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 13-MAY 8

5289010 A2 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

5289015 B1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

5289020 B2 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

5289025 C1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

5289030 C2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

PROJECT MANAGEMENT MIS 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301
 Note: RESTRICTED TO BUS COLLEGE UNDERGRADS EXCEPT P BUS. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

4561005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

4561010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

4561015 3 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

4561020 4 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

CNSULTATV PROB SOLV MIS 367X 3 CREDITS
 0531005 A1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO UNDERGRADS IN BUSINESS COLLEGE EXCEPT P BUS.

0531010 A2 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO UNDERGRADS IN OTHER COLLEGES THAN BUSINESS COLLEGE

ADV BSNSS PROGRAMNG MIS 407 3 CREDITS
 Prereq: MIS 307

1775005 A1 MW 2:10-3:25
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY

1775010 A2 MW 2:10-3:25
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO ACCT, ACSCI, 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, ACSCI, 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 13-MAY 8

6396010 A2 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

INTRO BSNSS ANLYTCS MIS 436 3 CREDITS
 Prereq: MIS 320

8713005 A1 TR 2:10-3:25
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY

8713010 A2 TR 2:10-3:25
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO ACCT, ACSCI, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, SCM & MKT UNDERGRADS

8713015 B1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8
 Note: SEC B1 RESTRICTED TO MIS UNDERGRADS ONLY

8713020 B2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

INTRO BSNSS ANLYTCS MIS 436 3 CREDITS
 Note: SEC B2 RESTRICTED TO ACCT, ACSCI, 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 1 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

ADV BUSINSS ANALYTIC MIS 446 3 CREDITS
 Prereq: MIS 301 AND MIS 320

9113005 A1 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO MIS, SCM MAJORS ONLY

9113010 A2 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO ACCT, ACSCI, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MKT UNDERGRADS

INFO SYSTM DEVELPMT MIS 447 3 CREDITS
 Prereq: MIS 301 AND MIS 310

5291005 A1 MW 3:40-4:55
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY

5291010 A2 MW 3:40-4:55
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO ACCT, ACSCI, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MKT & SCM UNDERGRADS

ERP SYS&SUPPLY CHAIN MIS 450 3 CREDITS
 Prereq: SCM 301, MIS 301 OR I E 148, I E 341

6653005 A1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO MIS, SCM MAJORS ONLY

6653010 A2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO ACCT, BUSEC, BUS U, FIN, ENTSP, MGMT, MKT, UNDERGRAD MAJORS ONLY

INDEPENDENT STUDY MIS 490 1-3 CREDITS
 Prereq: MIS 301, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CNSULT&ERP:GER ADVT MIS 491X 3 CREDITS
 Prereq: MIS 301

0407800 DE ARRANGED BEARD J
 MEETS: MARCH 12-22
 Note: SEC DE TAUGHT IN GERMANY. MIS 491X: CONSULTING & ENTERPRISE RESOURCE PLANNING. STUDY ABROAD SPRING 2020
 Study Abroad Administrative Fee Applies

CASE PRACTICUM MIS 495 3 CREDITS
 Prereq: MIS 301
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY

7819005 1 M 5:10-6:25PM
 ARRANGED
 MEETS: JAN 13-MAY 8

MANAGMT INFO SYSTM MIS 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
 Note: Department permission required 1st week.

9126005 1 TR 7:30-10:50
 MEETS: JAN 14-FEB 20

9126600 XA TR 5:50-9:10PM CHEN R
 MEETS: JAN 14-FEB 20
 Note: Section XA is off campus
 Course delivery is WWW

DATA MGT DECISN MAK MIS 533 3 CREDITS
 Prereq: MIS 501
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

2271600 XW ARRANGED
 MEETS: JAN 13-APRIL 10
 Note: Section XW is off campus
 Course delivery is WWW

FOUND BSNSS ANLYTCS MIS 536 3 CREDITS
 4234005 1 R 6:40-10:00PM
 MEETS: JAN 16-APRIL 9

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 1 M 6:40-10:00PM
 MEETS: JAN 13-APRIL 6

ANLYTC IN FIN&INSUR MIS 541X 3 CREDITS
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

0420005 1 M 6:40-10:00PM
 MEETS: JAN 13-MAY 8

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

ENTPRISE CYBERSECUR MIS 545X 3 CREDITS
 0406005 1 T 6:40-10:00PM
 MEETS: JAN 14-APRIL 7

ADV BSNSS ANALYTICS MIS 546 3 CREDITS
 Note: BUSINESS ANALYTICS ONLY.
 4333005 1 W 6:40-10:00PM
 MEETS: JAN 16-APRIL 8
 4333600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: NON MAJORS CAN CONTACT DEBBIE JOHNSON
 DLJOHNS@IATSTATE.EDU TO REGISTER FOR THE XW SECTION
 Section XW is off campus
 Course delivery is WWW

IT STRATEGY&EXECUTN MIS 551X 3 CREDITS
 Prereq: GRADUATE STANDING
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 0405005 1 R 6:40-9:25PM
 MEETS: JAN 13-MAY 8

BSNSS ANLYT CAPSTNE MIS 556 3 CREDITS
 Prereq: MIS 547 OR DEPARTMENTAL PERMISSIONS
 Satisfactory-Fail Only.
 8470600 XW ARRANGED ULMER J
 MEETS: JAN 13-MAY 8
 Note: ONLINE AND MAY 7 & 8 ON CAMPUS
 Section XW is off campus
 Course delivery is WWW

MARKETING ANALYTICS MIS 568 3 CREDITS
 9963005 1 T 6:40-10:00PM
 MEETS: JAN 15-APRIL 8

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

CREATIVE COMPONENT MIS 599 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
 SUPERVISORY COMMITTEE CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

COLLAB,KNWLG IN ORG MIS 604 3 CREDITS
 Prereq: MIS 601
 7536005 1 R 9:00-11:50
 MEETS: JAN 13-MAY 8

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
 MOST SEC RESTRICTED TO ACCT, ACSCI, 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.

5352005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

5352010 2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

5352015 3 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

5352020 4 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 4 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

5352025 5 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

5352030 6 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

5352035 7 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

5352040 8 MW 5:10-6:25PM
 MEETS: JAN 13-MAY 8

5352045 9 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

5352050 10 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

5352055 11 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

5352060 12 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

5352065 13 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

5352070 14 T 6:40-9:25PM
 MEETS: JAN 13-MAY 8

5352075 15 T 6:40-9:25PM
 MEETS: JAN 13-MAY 8
 Note: SEC 15 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

MARKETING (CONTINUED)

FOUND PERSNL SELLNG MKT 342X 3 CREDITS
 Prereq: SOPHOMORE STATUS OR ABOVE
 Note: COURSE RESTRICTED TO BUSINESS MAJORS EXCEPT
 P BUS. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION

0165005 1 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

0165010 2 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

SOC MDIA MKT STRATG MKT 361 3 CREDITS
 Prereq: MKT 340
 Note: COURSE RESTRICTED TO BUSINESS MAJORS EXCEPT
 P BUS

8472005 1 M 6:40-9:25PM
 MEETS: JAN 13-MAY 8

DIGITAL MARKETING MKT 362X 3 CREDITS
 Prereq: MKT 340
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS
 MAJORS EXCEPT P BUS

0522005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

CNSULTATV PROB SOLV MKT 367X 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION OR ABOVE

0117005 A1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO UNDERGRADS IN
 BUSINESS COLLEGE EXCEPT P BUS.

0117010 A2 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO UNDERGRADS IN OTHER COLLEGES
 THAN BUSINESS COLLEGE

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 13-MAY 8

5355010 A2 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

5355015 B1 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

5355020 B2 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

SALES MANAGEMENT MKT 442 3 CREDITS
 Prereq: MKT 340
 Note: SEC A1, B1 RESTRICTED TO MKT MAJORS ONLY.
 SEC A2, B2 FOR MAJORS OTHER THAN MKT, P BUS.
 GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION

5357005 A1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

5357010 A2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

5357015 B1 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

5357020 B2 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

STRATEGC MRKTING MGT MKT 443 3 CREDITS
 Prereq: MKT 444, MKT 447
 Note: COURSE RESTRICTED TO MKT SENIORS ONLY

5358005 1 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

5358010 2 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

5358015 3 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

5358020 4 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

5358025 5 W 6:40-9:25PM
 MEETS: JAN 13-MAY 8

MARKTG RSEARCH TCNQ MKT 444 3 CREDITS
 Prereq: MKT 340, STAT 226
 Note: COURSE RESTRICTED TO MKT MAJORS ONLY.
 GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION

5359005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

5359010 2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

5359015 3 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

5359020 4 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 Note: SEC A1 RESTRICTED TO MKT MAJORS ONLY

9068010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN MKT, P BUS
 GRADUATE STUDENTS MUST HAVE PERMISSION FROM
 1200 GERDIN TO ENROLL.

9068015 B1 TR 3:40-4:55
 MEETS: JAN 13-MAY 8
 Note: SEC B1 RESTRICTED TO MKT MAJORS ONLY

9068020 B2 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

MARKETING (CONTINUED)

CUSTOMER RELATN MGT MKT 445 3 CREDITS
 Note: SEC B2 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 13-MAY 8

5362010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

5362015 B1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

5362020 B2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

5362025 C1 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

5362030 C2 TR 8:00-9:15
 MEETS: JAN 13-MAY 8

5362035 D1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

5362045 D2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

GLOBAL MARKETING MKT 448 3 CREDITS
 Prereq: MKT 340
 Note: GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
 COURSE RESTRICTED TO MKT, I BUS MAJORS.

9609005 1 MW 5:10-6:25PM
 MEETS: JAN 13-MAY 8

ADV PROF SELLING MKT 450 3 CREDITS
 Prereq: MKT 340
 Note: SEC A1,B1 ETC RESTRICTED TO ACCT, ACSCI, 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

0024005 A1 MW 9:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 8

0024010 A2 MW 9:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 8

0024015 B1 MW 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MAY 8

0024020 B2 MW 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MAY 8

0024025 C1 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 13-MAY 8

0024030 C2 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 13-MAY 8

0024035 D1 R 6:40-9:25PM
 ARRANGED
 MEETS: JAN 13-MAY 8

0024040 D2 R 6:40-9:25PM
 ARRANGED
 MEETS: JAN 13-MAY 8

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 3:40-4:55
 MEETS: JAN 13-MAY 8

5127010 A2 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

5127015 B1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

5127020 B2 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY MKT 490 1- 3 CREDITS
 Prereq: MKT 340, SENIOR CLASSIFICATION;
 PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SLS CASE COMPETITNS MKT 495X 3 CREDITS
 Prereq: MKT 340

0145005 1 W 5:10-6:25PM
 MEETS: JAN 13-MAY 8

Note: SEC 1 RESTRICTED TO MKT MAJORS ONLY

0145010 2 W 5:10-6:25PM
 MEETS: JAN 13-MAY 8

Note: SEC 2 MAJORS OTHER THAN MKT, P BUS

MARKETING (CONTINUED)

MARKETING MKT 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION

Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

9392005 1 MW 7:30-10:50
 MEETS: FEB 24-APRIL 8

9392600 XA MW 5:50-9:10PM RAJU S
 MEETS: FEB 24-APRIL 8

Note: Department permission required.
 Section XA is off campus
 Course delivery is WWW

MARKETING ANALYTICS MKT 568 3 CREDITS
 9962005 1 T 6:40-10:00PM
 MEETS: JAN 15-APRIL 8

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

MARKETING STRATEGY MKT 602 3 CREDITS
 Prereq: MGMT 601
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

7627005 1 T 2:10-5:00
 MEETS: JAN 13-MAY 8

MATERIALS ENGINEERING

STRUCTRL CHARAC MAT MAT E 214 3 CREDITS
 Prereq: MAT E 215, PHYS 221
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY

6333005 1 MW 12:10-1:00
 M 1:10-3:00
 MEETS: JAN 13-MAY 8

6333010 2 MW 12:10-1:00
 T 1:10-3:00
 MEETS: JAN 13-MAY 8

6333015 3 MW 12:10-1:00
 R 1:10-3:00
 MEETS: JAN 13-MAY 8

INTRO MTRLS SCI&E I MAT E 215 3 CREDITS
 Prereq: MATH 165; CHEM 177 OR CHEM 167
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY
 BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 273,
 MAT E 392.

7495005 1 MWF 10:00-10:50
 COURSE RESTRICTED TO MAT E MAJORS ONLY
 MEETS: JAN 13-MAY 8

INTRO MAT S&E LAB I MAT E 215L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MAT E 215 OR
 MAT E 272 OR MAT E 392; MAJOR IN MATERIALS
 ENGINEERING

Note: COURSE RESTRICTED TO MAT E MAJORS ONLY

7496005 1 T 11:00-12:50
 MEETS: JAN 13-MAY 8

7496010 2 R 11:00-12:50
 MEETS: JAN 13-MAY 8

INTRO MATRLS SCI II MAT E 216 3 CREDITS
 Prereq: MAT E 215, MAT E 273 OR MAT E 392; CREDIT
 OR ENROLLMENT IN PHYS 222

Note: COURSE RESTRICTED TO MAT E MAJORS ONLY

7497005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

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 1 M 3:10-5:00
 MEETS: JAN 13-MAY 8

2904010 2 T 3:10-5:00
 MEETS: JAN 13-MAY 8

2904015 3 R 3:10-5:00
 MEETS: JAN 13-MAY 8

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

9059005 1 MWF 11:00-11:50 HALLAM A
 MEETS: JAN 13-MAY 8

PRIN MATRLS SCI&ENG MAT E 273 3 CREDITS
 Prereq: CHEM 167 OR CHEM 177; MATH 165
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: MAT E 215,
 MAT E 272, MAT E 273, MAT E 392.
 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 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

3814010 2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

MATERIALS ENGINEERING (CONTINUED)

MATERIALS ENGINEERING (CONTINUED)

MATRLS E PRO PLANNG MAT E 301 R CREDIT
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN MAT E
 Satisfactory-Fail Only.
 3493005 1 W 4:10-5:00
 MEETS: JAN 13-MAY 8

THERMODYNM IN MAT E MAT E 311 3 CREDITS
 Prereq: CHEM 178, MAT E 216, AND CREDIT OR
 ENROLLMENT IN MATH 267
 6316005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

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 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

STRUC&MATRLS MECHAN MAT E 319 3 CREDITS
 Prereq: PHYS 221, CREDIT OR ENROLLMNT IN MATH 166
 8629005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

CERAM PROCES:FIRING MAT E 322 3 CREDITS
 Prereq: MAT E 214, MAT E 321
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 6592005 1 MW 9:00-9:50
 T 8:00-10:50
 MEETS: JAN 13-MAY 8
 6592010 2 MW 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 13-MAY 8

SEMICND MTRLS&DEVIC MAT E 332 3 CREDITS
 Prereq: PHYS 222; ADDITIONAL PREREQ FOR MAT E
 MAJORS: MAT E 334; ADDITIONAL PREREQ FOR E E AND
 CPR E MAJORS: E E 230
 6597005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

STRUC RELAT NONFERR MAT E 342 3 CREDITS
 Prereq: MAT E 215 OR MAT E 273 OR MAT E 392
 6612005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

SOLIDIFICATN PROCES MAT E 348 3 CREDITS
 Prereq: I E 248 AND MAT E 273
 Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC
 FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T
 REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE
 COURSE DUE TO INCOMPLETE REGISTRATION.
 4314005 A MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 4314200 1 T 8:00-9:50
 MEETS: JAN 13-MAY 8
 4314205 2 R 8:00-9:50
 MEETS: JAN 13-MAY 8
 4314015 3 T 10:00-11:50
 MEETS: JAN 13-MAY 8
 4314020 4 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 4314025 5 T 1:10-3:00
 MEETS: JAN 13-MAY 8
 4314030 6 R 1:10-3:00
 MEETS: JAN 13-MAY 8
 4314035 7 T 3:10-5:00
 MEETS: JAN 13-MAY 8
 4314040 8 M 1:10-3:00
 MEETS: JAN 13-MAY 8
 4314045 9 F 1:10-3:00
 MEETS: JAN 13-MAY 8
 4314050 10 M 3:10-5:00
 MEETS: JAN 13-MAY 8
 4314055 11 W 3:10-5:00
 MEETS: JAN 13-MAY 8

POLYMERS&PLYMR ENGR MAT E 350 3 CREDITS
 5561005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

PRIN NONDESTRC TEST MAT E 362 3 CREDITS
 Prereq: PHYS 112 OR PHYS 222
 5045005 1 MWF 10:00-10:50 BOND L
 MEETS: JAN 13-MAY 8
 5045600 XW ARRANGED BOND L
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WW

NONDESTRUC TEST LAB MAT E 362L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MAT E 362
 5046005 1 T 2:10-5:00 BOND L
 MEETS: JAN 13-MAY 8
 5046010 2 R 2:10-5:00 BOND L
 MEETS: JAN 13-MAY 8

INTRO WOMN IN INDUS MAT E 391 3 CREDITS
 Note: CREDIT TOWARD GRADUATION FOR MAT E 391 ALLOWABLE
 ONLY UPON COMPLETION OF MAT E 392
 Meets U.S. diversity reqmt
 Satisfactory-Fail Only.
 5681005 1 TR 5:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

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

PRO PRACTICE I MAT E 413 3 CREDITS
 Prereq: SENIOR CLASSIFICATION: MAT E 413-414
 SEQUENCE INTENDED FOR STUDENTS IN THE FINAL TWO
 SEMESTERS BEFORE GRADUATION
 Note: COURSE RESTRICTED TO MAT E SENIORS ONLY
 6628005 1 MWF 1:10-2:00
 ARRANGED
 MEETS: JAN 13-MAY 8

PRO PRACTICE II MAT E 414 3 CREDITS
 Prereq: MAT E 413
 Note: COURSE RESTRICTED TO MAT E SENIORS ONLY
 6650005 1 MWF 1:10-2:00
 ARRANGED
 MEETS: JAN 13-MAY 8

MECHANCL BEHAVR MAT MAT E 418 3 CREDITS
 Prereq: MAT E 216, MAT E 319
 6585005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

MICROELEC FABRICATN MAT E 432 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN E E 332
 6677005 1 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$300.00

ADV ELECTRN MATERLS MAT E 433 3 CREDITS
 Prereq: MAT E 317, MAT E 321
 6676005 1 MWF 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MAY 8

ELECTRN PROP MATRLS MAT E 437 3 CREDITS
 Prereq: E E 332 OR MAT E 317 OR PHYS 322
 6480005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

CORROSN&FAILUR ANLY MAT E 444 3 CREDITS
 Prereq: MAT E 214; MAT E 215 OR MAT E 273 OR
 MAT E 392
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 6680005 1 TR 11:00-11:50
 T 3:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8
 6680010 2 TR 11:00-11:50
 T 4:10-5:00, ARRANGED
 MEETS: JAN 13-MAY 8
 6680015 3 TR 11:00-11:50
 T 1:10-2:00, ARRANGED
 MEETS: JAN 13-MAY 8

POLYMR CMPOSIT&PROC MAT E 454 3 CREDITS
 Prereq: MAT E 351
 6683005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

RARE EARTH METALS MAT E 457 3 CREDITS
 Prereq: MAT E 311 OR CHEM 325; CHEM 324
 OR PHYS 322
 6598005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

MULTIDISC ENGR DSGN MAT E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS
 OF GRADUATION, PERMISSION OF INSTRUCTOR
 1740005 1 MWF 3:10-5:00
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY MAT E 490C VAR. CREDITS
 Prereq: PERMISSION OF DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY MAT E 490H VAR. CREDITS
 Prereq: PERMISSION OF DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY:RESEARCH MAT E 490R VAR. CREDITS
 Prereq: PERMISSION OF DEPARTMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS ENGINEERING

(CONTINUED)

UNDGRD RSRCH OPPORT MAT E 499X R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: THE COURSE CANNOT BE APPLIED TOWARD ANY GRADUATION REQUIREMENTS.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS SCIENCE & ENGINEERING

SOLID STATE SCIENCE M S E 530 3 CREDITS
 Prereq: MAT E 334 OR E E 332 OR PHYS 322
 5616005 1 MW 12:40-2:00
 MEETS: JAN 13-MAY 8

MICROEL FABRIC TCHQ M S E 532 4 CREDITS
 0455005 1 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Materials fee \$300.00

ELECTRN PROP MATRLS M S E 537 3 CREDITS
 Prereq: E E 332 OR MAT E 317 OR PHYS 322
 6867005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

MECH BEHAV MATERLS M S E 540 3 CREDITS
 Prereq: MAT E 418, MATH 266 OR MATH 267
 5664005 1 MW 4:10-5:30
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 8550600 XW ARRANGED HOLLAND S
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

POLYMR CMPOSIT&PROC M S E 554 3 CREDITS
 Prereq: MAT E 351
 3507005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

RARE EARTH METALS M S E 557 3 CREDITS
 Prereq: MAT E 311 OR CHEM 325; CHEM 324 OR PHYS 322
 6571005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS M S E 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS SEMINAR M S E 601 1 CREDIT
 Prereq: GRADUATE STANDING IN THE M S E DEPARTMENT
 Satisfactory-Fail Only.
 6399005 1 M 3:10-4:00
 MEETS: JAN 13-MAY 8

PHYSCL PROPR SOLIDS M S E 630 3 CREDITS
 Prereq: M S E 530
 5705005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

POWDR DIFFRACT MTHD M S E 651 3 CREDITS
 Prereq: M S E 510
 5079005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

TRANSM ELECTN MICRO M S E 652 3 CREDITS
 Prereq: M S E 510
 9721005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

ADV TOPICS MATRL SC M S E 690 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M S E 697 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN
 Satisfactory-Fail Only.
 4307005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

MATHEMATICS

HIGH SCHOOL ALGEBRA MATH 10 0 CREDITS
 Note: DEVELOPMENTAL MATH FEE APPLIES. SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION ON FEE.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 5115005 1 MTRF 11:00-11:50
 MEETS: JAN 13-MAY 8
 5115010 2 MTRF 11:00-11:50
 MEETS: JAN 13-MAY 8
 5115015 3 MTRF 1:10-2:00
 MEETS: JAN 13-MAY 8
 5115020 4 MTRF 1:10-2:00
 MEETS: JAN 13-MAY 8

MATHEMATICS

(CONTINUED)

INTRO TO PROBABILTY MATH 104 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY
 Note: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 104 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
 5128005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

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 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 5132010 2 TR 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 13-MAY 8
 5132015 3 TR 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 13-MAY 8
 5132020 4 TR 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 13-MAY 8
 5132025 5 TR 8:00-8:50
 W 10:00-10:50
 MEETS: JAN 13-MAY 8
 5132030 6 TR 8:00-8:50
 W 12:10-1:00
 MEETS: JAN 13-MAY 8
 5132035 7 WF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 5132040 8 WF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 5132045 9 WF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 8
 5132050 10 WF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 8
 5132055 11 WF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 8

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 1 TR 2:10-3:00
 MW 12:10-1:00
 MEETS: JAN 13-MAY 8
 7342010 2 TR 2:10-3:00
 MW 12:10-1:00
 MEETS: JAN 13-MAY 8
 7342015 3 TR 2:10-3:00
 MW 1:10-2:00
 MEETS: JAN 13-MAY 8
 7342020 4 TR 2:10-3:00
 MW 1:10-2:00
 MEETS: JAN 13-MAY 8
 7342025 5 TR 2:10-3:00
 MW 2:10-3:00
 MEETS: JAN 13-MAY 8
 7342030 6 TR 2:10-3:00
 MW 2:10-3:00
 MEETS: JAN 13-MAY 8
 7342035 7 MTWR 4:10-5:30
 MEETS: JAN 13-MAY 8

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 1 MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 13-MAY 8
 9173010 2 MF 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 13-MAY 8

MATHEMATICS

(CONTINUED)

APPLD TRIGONOMETRY MATH 145 3 CREDITS
 9173015 3 MF 8:00-8:50
 W 11:00-11:50
 MEETS: JAN 13-MAY 8
 9173020 4 MF 8:00-8:50
 W 1:10-2:00
 MEETS: JAN 13-MAY 8

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 1 ARRANGED, T 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 5135010 2 ARRANGED
 T 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 5135015 3 ARRANGED, T 1:10-2:00
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 5135020 4 ARRANGED, T 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 5135025 5 ARRANGED, T 3:10-4:00
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 5135030 6 ARRANGED, T 4:10-5:00
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 5135035 7 ARRANGED, W 9:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 5135040 8 ARRANGED
 W 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 5135045 9 ARRANGED
 W 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 5135050 10 ARRANGED, W 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 5135055 11 ARRANGED, W 1:10-2:00
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

BUS & SOC SCI CALC MATH 151 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
 HIGH SCHOOL GEOMETRY; OR MATH 140
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182. CREDITS EARNED IN MATH 151
 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
 5136005 1 MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 13-MAY 8
 5136010 2 MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 13-MAY 8
 5136015 3 MF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 8
 5136020 4 MF 8:00-8:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 8
 5136025 5 MF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 13-MAY 8
 5136030 6 MF 8:00-8:50
 T 10:00-10:50
 MEETS: JAN 13-MAY 8
 5136035 7 MF 8:00-8:50
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 5136040 8 MF 8:00-8:50
 T 12:10-1:00
 MEETS: JAN 13-MAY 8
 5136045 9 MF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 5136050 10 MF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 8
 5136055 11 MF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 13-MAY 8
 5136060 12 MF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 8

MATHEMATICS

(CONTINUED)

SURVEY OF CALCULUS MATH 160 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR
 OF GEOMETRY; OR C- OR BETTER IN MATH 140; OR C- OR
 BETTER IN MATH 143
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182. IF MATH 165, MATH 160 AND
 MATH 151 ARE TAKEN, ONLY 5 CREDITS CAN BE APPLIED
 TOWARD GRADUATION. CREDITS EARNED IN MATH 160
 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
 5137005 1 MTWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 5137010 2 MTWF 3:10-4:00
 MEETS: JAN 13-MAY 8

CALCULUS I MATH 165 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
 GEOMETRY, 1 SEMESTER OF TRIGONOMETRY; OR C - OR
 BETTER IN MATH 143
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).
 5138005 1 MWF 8:00-8:50
 T 12:10-1:00
 MEETS: JAN 13-MAY 8
 5138010 2 MWF 8:00-8:50
 T 12:10-1:00
 MEETS: JAN 13-MAY 8
 5138015 3 MWF 8:00-8:50
 T 2:10-3:00
 MEETS: JAN 13-MAY 8
 5138020 4 MWF 8:00-8:50
 T 2:10-3:00
 MEETS: JAN 13-MAY 8
 5138025 5 MWF 8:00-8:50
 T 3:10-4:00
 MEETS: JAN 13-MAY 8
 5138030 6 MWF 8:00-8:50
 T 3:10-4:00
 MEETS: JAN 13-MAY 8
 5138035 7 MWF 2:10-3:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 5138040 8 MWF 2:10-3:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 5138045 9 MWF 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 13-MAY 8
 5138050 10 MWF 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 13-MAY 8
 5138055 11 MWF 2:10-3:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 8
 5138060 12 MWF 2:10-3:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 8
 5138065 13 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 8
 5138070 14 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 8
 5138075 15 MWF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 5138080 16 MWF 12:10-1:00
 R 2:10-3:00
 MEETS: JAN 13-MAY 8
 5138085 17 MWF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 8
 5138090 18 MWF 12:10-1:00
 R 2:10-3:00
 MEETS: JAN 13-MAY 8
 5138095 19 MWF 1:10-2:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 5138100 20 MWF 1:10-2:00
 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 5138105 21 MWF 1:10-2:00
 R 2:10-3:00
 MEETS: JAN 13-MAY 8
 5138110 22 MWF 1:10-2:00
 R 2:10-3:00
 MEETS: JAN 13-MAY 8
 5138115 23 MWF 1:10-2:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 8
 5138120 24 MWF 1:10-2:00
 R 3:10-4:00
 MEETS: JAN 13-MAY 8
 5138125 25 MTRF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 25 RESTRICTED TO MATH & STAT MAJORS ONLY

MATHEMATICS

(CONTINUED)

CALCULUS II		MATH 166	4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 165 OR HIGH			
MATH PLACEMENT SCORES			
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182.			
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams .			
5139005	1	MWF 9:00-9:50 T 8:00-8:50	
		MEETS: JAN 13-MAY 8	
5139010	2	MWF 9:00-9:50 T 8:00-8:50	
		MEETS: JAN 13-MAY 8	
5139015	3	MWF 9:00-9:50 T 8:00-8:50	
		MEETS: JAN 13-MAY 8	
5139020	4	MWF 9:00-9:50 T 1:10-2:00	
		MEETS: JAN 13-MAY 8	
5139025	5	MWF 9:00-9:50 T 9:00-9:50	
		MEETS: JAN 13-MAY 8	
5139030	6	MWF 9:00-9:50 T 9:00-9:50	
		MEETS: JAN 13-MAY 8	
5139035	7	MWF 9:00-9:50 T 9:00-9:50	
		MEETS: JAN 13-MAY 8	
5139040	8	MWF 9:00-9:50 T 1:10-2:00	
		MEETS: JAN 13-MAY 8	
5139045	9	MWF 9:00-9:50 T 10:00-10:50	
		MEETS: JAN 13-MAY 8	
5139050	10	MWF 9:00-9:50 T 10:00-10:50	
		MEETS: JAN 13-MAY 8	
5139055	11	MWF 9:00-9:50 T 10:00-10:50	
		MEETS: JAN 13-MAY 8	
5139060	12	MWF 9:00-9:50 T 1:10-2:00	
		MEETS: JAN 13-MAY 8	
5139065	13	MTRF 9:00-9:50	
		MEETS: JAN 13-MAY 8	
5139070	14	MWF 11:00-11:50 R 11:00-11:50	
		MEETS: JAN 13-MAY 8	
5139075	15	MWF 11:00-11:50 R 11:00-11:50	
		MEETS: JAN 13-MAY 8	
5139080	16	MWF 11:00-11:50 R 12:10-1:00	
		MEETS: JAN 13-MAY 8	
5139085	17	MWF 11:00-11:50 R 12:10-1:00	
		MEETS: JAN 13-MAY 8	
5139090	18	MWF 11:00-11:50 R 2:10-3:00	
		MEETS: JAN 13-MAY 8	
5139095	19	MWF 11:00-11:50 R 2:10-3:00	
		MEETS: JAN 13-MAY 8	
5139100	20	MWF 12:10-1:00 R 2:10-3:00	
		MEETS: JAN 13-MAY 8	
5139105	21	MWF 12:10-1:00 R 11:00-11:50	
		MEETS: JAN 13-MAY 8	
5139110	22	MWF 12:10-1:00 R 11:00-11:50	
		MEETS: JAN 13-MAY 8	
5139115	23	MWF 12:10-1:00 R 3:10-4:00	
		MEETS: JAN 13-MAY 8	
5139120	24	MWF 12:10-1:00 R 1:10-2:00	
		MEETS: JAN 13-MAY 8	
5139125	25	MWF 12:10-1:00 R 3:10-4:00	
		MEETS: JAN 13-MAY 8	
5139130	26	MWF 12:10-1:00 R 12:10-1:00	
		MEETS: JAN 13-MAY 8	
5139135	27	MWF 4:10-5:00 R 12:10-1:00	
		MEETS: JAN 13-MAY 8	
5139140	28	MWF 4:10-5:00 R 1:10-2:00	
		MEETS: JAN 13-MAY 8	
5139145	29	MWF 4:10-5:00 R 1:10-2:00	
		MEETS: JAN 13-MAY 8	
5139150	30	MWF 4:10-5:00 R 3:10-4:00	
		MEETS: JAN 13-MAY 8	
5139155	31	MWF 4:10-5:00 R 3:10-4:00	
		MEETS: JAN 13-MAY 8	
5139160	32	MWF 4:10-5:00 R 9:00-9:50	
		MEETS: JAN 13-MAY 8	

MATHEMATICS

(CONTINUED)

CALCULUS II		MATH 166	4 CREDITS
5139165	33	MWF 2:10-3:00 R 9:00-9:50	
		MEETS: JAN 13-MAY 8	
5139170	34	MWF 2:10-3:00 R 10:00-10:50	
		MEETS: JAN 13-MAY 8	
5139175	35	MWF 2:10-3:00 R 10:00-10:50	
		MEETS: JAN 13-MAY 8	
5139180	36	MWF 2:10-3:00 R 10:00-10:50	
		MEETS: JAN 13-MAY 8	
5139185	37	MWF 2:10-3:00 R 1:10-2:00	
		MEETS: JAN 13-MAY 8	
5139190	38	MWF 8:00-8:50 T 8:00-8:50	
		MEETS: JAN 13-MAY 8	
5139195	39	MWF 8:00-8:50 T 8:00-8:50	
		MEETS: JAN 13-MAY 8	
5139200	40	MWF 8:00-8:50 T 9:00-9:50	
		MEETS: JAN 13-MAY 8	
5139205	41	MWF 8:00-8:50 T 9:00-9:50	
		MEETS: JAN 13-MAY 8	
5139210	42	MWF 8:00-8:50 T 11:00-11:50	
		MEETS: JAN 13-MAY 8	
5139215	43	MWF 8:00-8:50 T 11:00-11:50	
		MEETS: JAN 13-MAY 8	
Note: SEC 36 RESTRICTED TO FRESHMAN ONLY.			
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	1	MWF 8:00-9:20	
		MEETS: JAN 13-MAY 8	
5144010	2	MWF 9:30-10:50	
		MEETS: JAN 13-MAY 8	
5144015	3	MWF 11:00-12:20	
		MEETS: JAN 13-MAY 8	
5144020	4	MWF 12:40-2:00	
		MEETS: JAN 13-MAY 8	
5144025	5	MWF 2:10-3:30	
		MEETS: JAN 13-MAY 8	
MATH FOR ELEM ED II MATH 196 3 CREDITS			
Prereq: GRADE OF C- OR BETTER IN MATH 195 AND ENROLLMENT IN ELEMENTARY EDUCATION OR EARLY CHILDHOOD EDUCATION.			
Note: CREDITS EARNED IN MATH 196 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS			
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams .			
8125005	1	MWF 8:00-9:20	
		MEETS: JAN 13-MAY 8	
8125010	2	MWF 9:30-10:50	
		MEETS: JAN 13-MAY 8	
8125015	3	MWF 11:00-12:20	
		MEETS: JAN 13-MAY 8	
8125020	4	MWF 12:40-2:00	
		MEETS: JAN 13-MAY 8	
8125025	5	MWF 11:00-12:20	
		MEETS: JAN 13-MAY 8	
8125030	6	MWF 9:30-10:50	
		MEETS: JAN 13-MAY 8	
INTRO TO PROOFS MATH 201 3 CREDITS			
Prereq: MATH 166 OR MATH 166H			
6998005	1	MWF 10:00-10:50	
		MEETS: JAN 13-MAY 8	
6998010	2	MWF 11:00-11:50	
		MEETS: JAN 13-MAY 8	
6998015	3	MWF 1:10-2:00	
		MEETS: JAN 13-MAY 8	
CAREER DEV MATH&STT MATH 202 1 CREDIT			
Satisfactory-Fail Only.			
0092005	1	R 3:40-5:30	
		MEETS: JAN 13-MAY 8	

MATHEMATICS

(CONTINUED)

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

5161010 2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

5161015 3 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

5161020 4 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

5161025 5 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

DISCRETE CMP STRUCT MATH 230 3 CREDITS
 Prereq: C- OR BETTER IN COM S 227 AND MATH 165;
 ENGL 150

0031005 A MWF 1:10-2:00 SLUTZKI G
 MEETS: JAN 13-MAY 8

0031010 B MWF 2:10-3:00 BATINOV G
 MEETS: JAN 13-MAY 8

0031100 1 R 9:00-9:50
 MEETS: JAN 13-MAY 8

0031105 2 R 10:00-10:50
 MEETS: JAN 13-MAY 8

0031110 3 R 11:00-11:50
 MEETS: JAN 13-MAY 8

0031115 4 R 12:10-1:00
 MEETS: JAN 13-MAY 8

0031120 5 R 2:10-3:00
 MEETS: JAN 13-MAY 8

INVESTM&CREDIT MATH MATH 240 3 CREDITS
 Prereq: MATH 166

8997005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

CALCULUS III MATH 265 4 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH
 166H
 Night exams scheduled. For dates go to
[http://www.registrar.iastate.edu/students/exams/
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams)

5151005 1 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 13-MAY 8

5151010 2 MWF 8:00-8:50
 R 9:00-9:50
 MEETS: JAN 13-MAY 8

5151015 3 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 13-MAY 8

5151020 4 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 13-MAY 8

5151025 5 MWF 8:00-8:50
 R 9:00-9:50
 MEETS: JAN 13-MAY 8

5151030 6 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 13-MAY 8

5151035 7 MWF 10:00-10:50
 T 8:00-8:50
 MEETS: JAN 13-MAY 8

5151040 8 MWF 10:00-10:50
 T 8:00-8:50
 MEETS: JAN 13-MAY 8

5151045 9 MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 8

5151050 10 MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 8

5151055 11 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 13-MAY 8

5151060 12 MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 13-MAY 8

5151065 13 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

Note: SEC 13 RESTRICTED TO MATH & STAT MAJORS
 ONLY

5151070 14 MWF 12:10-1:00
 T 12:10-1:00
 MEETS: JAN 13-MAY 8

5151075 15 MWF 12:10-1:00
 T 12:10-1:00
 MEETS: JAN 13-MAY 8

5151080 16 MWF 12:10-1:00
 T 2:10-3:00
 MEETS: JAN 13-MAY 8

5151085 17 MWF 12:10-1:00
 T 2:10-3:00
 MEETS: JAN 13-MAY 8

5151090 18 MWF 12:10-1:00
 T 3:10-4:00
 MEETS: JAN 13-MAY 8

5151095 19 MWF 12:10-1:00
 T 3:10-4:00
 MEETS: JAN 13-MAY 8

5151100 20 MWF 3:10-4:00
 T 1:10-2:00
 MEETS: JAN 13-MAY 8

MATHEMATICS

(CONTINUED)

CALCULUS III MATH 265 4 CREDITS
 5151105 21 MWF 3:10-4:00
 T 1:10-2:00
 MEETS: JAN 13-MAY 8

5151110 22 MWF 3:10-4:00
 T 3:10-4:00
 MEETS: JAN 13-MAY 8

5151115 23 MWF 3:10-4:00
 T 3:10-4:00
 MEETS: JAN 13-MAY 8

5151120 24 MWF 3:10-4:00
 T 4:10-5:00
 MEETS: JAN 13-MAY 8

5151125 25 MWF 3:10-4:00
 T 4:10-5:00
 MEETS: JAN 13-MAY 8

HONORS CALCULUS III MATH 265H 4 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR; AND MATH
 166 OR MATH 166H
 Note: HIGH MATH PLACEMENT SCORES RECOMMENDED BUT NOT
 REQUIRED. PREFERENCE WILL BE GIVEN TO STUDENTS IN THE
 UNIVERSITY HONORS PROGRAM.

2073005 1 MTRF 12:10-1:00
 MEETS: JAN 13-MAY 8

ELEM DIFF EQUATNS MATH 266 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH
 166H
 Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267,
 MATH 266, MATH 269X, MATH 269.

5152005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

5152010 2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

5152015 3 MWF 4:10-5:00
 MEETS: JAN 13-MAY 8

Note: SEC 3 RESTRICTED TO MATH MAJORS ONLY

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 13-MAY 8

5153010 2 MWF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 13-MAY 8

5153015 3 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 13-MAY 8

5153020 4 MWF 8:00-8:50
 R 10:00-10:50
 MEETS: JAN 13-MAY 8

5153025 5 MWF 8:00-8:50
 R 12:10-1:00
 MEETS: JAN 13-MAY 8

5153030 6 MWF 8:00-8:50
 R 12:10-1:00
 MEETS: JAN 13-MAY 8

5153035 7 MWF 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 13-MAY 8

5153040 8 MWF 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 13-MAY 8

5153045 9 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 13-MAY 8

5153050 10 MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 13-MAY 8

5153055 11 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 13-MAY 8

5153060 12 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 13-MAY 8

5153065 13 MTRF 10:00-10:50
 MEETS: JAN 13-MAY 8

Note: SEC 13 RESTRICTED TO MATH & STAT MAJORS
 ONLY

5153070 14 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 13-MAY 8

5153075 15 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 13-MAY 8

5153080 16 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 13-MAY 8

5153085 17 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 13-MAY 8

5153090 18 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 8

MATHEMATICS

(CONTINUED)

MATHEMATICS

(CONTINUED)

DIFF EQ & TRANSFMS MATH 267 4 CREDITS
 5153095 19 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 8
 5153100 20 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 13-MAY 8
 5153105 21 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 13-MAY 8
 5153110 22 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 13-MAY 8
 5153115 23 MWF 4:10-5:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 8
 5153120 24 MWF 4:10-5:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 8
 5153125 25 MWF 4:10-5:00
 T 12:10-1:00
 MEETS: JAN 13-MAY 8
 5153130 26 MWF 4:10-5:00
 T 12:10-1:00
 MEETS: JAN 13-MAY 8
 5153135 27 MWF 4:10-5:00
 T 2:10-3:00
 MEETS: JAN 13-MAY 8
 5153140 28 MWF 4:10-5:00
 T 2:10-3:00
 MEETS: JAN 13-MAY 8

LAPLACE TRANSFORMS MATH 268 1 CREDIT
 Prereq: MATH 266
 Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION
 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 1 ARRANGED
 MEETS: JAN 13-MAY 8
 5156010 2 ARRANGED
 MEETS: JAN 13-MAY 8

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

ABSTRACT ALGEBRA I MATH 301 3 CREDITS
 Prereq: MATH 166 OR MATH 166H, MATH 317 OR MATH
 407, GRADE OF C- OR BETTER IN MATH 201
 5158005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 5158010 2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

GRAPH THEORY MATH 314 3 CREDITS
 Prereq: MATH 166 OR MATH 166H; MATH 201 OR
 EXPERIENCE WITH PROOFS
 5163005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

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 1 MTRF 9:00-9:50
 MEETS: JAN 13-MAY 8
 7872010 2 MTRF 2:10-3:00
 MEETS: JAN 13-MAY 8
 7872015 3 MTRF 1:10-2:00
 MEETS: JAN 13-MAY 8

INTR THY PROBAB&S I MATH 341 4 CREDITS
 Prereq: MATH 265 (OR MATH 265H)
 Note: CREDIT FOR EITHER MATH/STAT 341 OR STAT 447,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5166005 1 MWF 9:00-9:50
 T 2:10-4:00
 MEETS: JAN 13-MAY 8

INTR THY PR&STAT II MATH 342 4 CREDITS
 Prereq: STAT 201 OR EQUIVALENT; STAT 341;
 MATH 207 OR MATH 317
 5167005 1 MWF 10:00-10:50
 T 12:10-2:00
 MEETS: JAN 13-MAY 8

NUMBER THEORY MATH 350 3 CREDITS
 Prereq: MATH 201 OR COM S 230
 5177005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

COMPLEX VARIABLES MATH 365 3 CREDITS
 Prereq: MATH 265
 5168005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

INTR PART DIFF EQUA MATH 385 3 CREDITS
 Prereq: MATH 265 AND ONE OF MATH 266, MATH 267
 5170005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

UNIV MATH TCH SECYD MATH 397 3 CREDITS
 Prereq: MATH 201, MATH 301
 7521005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 7521010 2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

COOPERATIVE EDUC MATH 398 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4551005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTMED ABSTRCT ALGB MATH 403X 3 CREDITS
 Prereq: C OR BETTER IN MATH 301 OR PERMISSION OF
 DEPARTMENT.
 0371005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

ANALYSIS I MATH 414 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN MATH 201
 5171005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

DATA SCI MTH PRNCPL MATH 422X 3 CREDITS
 Prereq: MATH 414
 0126005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

GEOMETRY II MATH 436 3 CREDITS
 Prereq: MATH 201; MATH 207 OR MATH 317
 5176005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

LIFE CONTINGENCI II MATH 442 3 CREDITS
 Prereq: MATH 441
 0131005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

NUMRC MTHDS DIFF EQ MATH 481 3 CREDITS
 Prereq: MATH 265 AND EITHER MATH 266 OR MATH 267
 5180005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY MATH 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF MATH 490 OR MATH 490H
 MAY BE APPLIED TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD THESIS MATH 491 2- 3 CREDITS
 Note: Department permission required.
 5184005 1 ARRANGED
 MEETS: JAN 13-MAY 8

UNDERGRAD SEMINAR MATH 492 2 CREDITS
 Prereq: MATH 317 OR MATH 407
 6698005 1 M 3:10-5:00
 MEETS: JAN 13-MAY 8

TOPOLOGY MATH 502 3 CREDITS
 Prereq: MATH 414 OR MATH 501
 4958005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

INTMED ABSTRCT ALGB MATH 503X 3 CREDITS
 Prereq: C OR BETTER IN MATH 301 OR PERMISSION OF
 DEPARTMENT.
 0372005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

ABSTRACT ALGEBRA II MATH 505 3 CREDITS
 Prereq: MATH 504
 5187005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

MATHEMATICS (CONTINUED)

MATHEMATICS (CONTINUED)

LINEAR ALGEBRA MATH 510 3 CREDITS
 Prereq: MATH 317, OR MATH 407, OR MATH 207
 MATH 301, OR MATH 207 AND MATH 414
 5191005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

FNCT SNGL CMLX VAR MATH 511 3 CREDITS
 Prereq: MATH 414 OR MATH 501
 5192005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

REAL ANALYSIS II MATH 516 3 CREDITS
 Prereq: MATH 515
 8868005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

FINITE DIFFRNC MTHD MATH 517 3 CREDITS
 Prereq: MATH 481 OR MATH 561
 6101005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

MTH APPLIED MATH II MATH 520 3 CREDITS
 Prereq: MATH 519
 2297005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

NUM ANALY HI-P COMP MATH 525 3 CREDITS
 Prereq: CPR E 308 OR MATH 481; EXPERIENCE IN
 SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C
 1367005 1 TR 11:00-1:00
 MEETS: JAN 13-MAY 8

STEGANOG&DGT FORNSC MATH 535 3 CREDITS
 Prereq: E E 524 OR MATH 317 OR MATH 407 OR
 COM S 330
 7681005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

NUMERICAL ANALYS II MATH 562 3 CREDITS
 Prereq: MATH 317
 7503005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

CONTINUOUS OPTIMIZA MATH 565 3 CREDITS
 Prereq: MATH 265; MATH 317 OR MATH 507 OR
 MATH 510
 4388005 1 TR 2:10-3:25
 MEETS: JAN 13-MAY 8

NONLINEAR SYSTEMS MATH 578 3 CREDITS
 Prereq: E E 577
 8195005 1 MW 5:10-6:30PM
 MEETS: JAN 13-MAY 8

NUMRC MTHDS DIFF EQ MATH 581X 3 CREDITS
 Prereq: MATH 265 AND EITHER MATH 266 OR MATH 267;
 KNOWLEDGE OF PROGRAMMING LANGUAGE HELPFUL
 0528005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY MATH 590 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATH GRAD ORIENT II MATH 592 .5 CREDIT
 Satisfactory-Fail Only.
 6389005 1 W 4:10-5:00
 MEETS: JAN 13-MAY 8

CREATIVE COMPONENT MATH 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATHMATCAL LOGIC II MATH 603X 3 CREDITS
 Prereq: MATH 601
 0251005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

SEMINAR MATH 610 VAR. CREDITS
 Note: OFFERED FOR 3 CREDITS SPRING 2020
 5231005 1 M 2:10-5:00
 MEETS: JAN 13-MAY 8

MANIFOLDS,DIFF GEOM MATH 624 3 CREDITS
 Prereq: MATH 501 OR MATH 515
 5218005 1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

ADV PROBABILTY THRY MATH 642 3 CREDITS
 Prereq: STAT 542; MATH 641 OR MATH 515
 3530005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

ADV STOCHAST PROCES MATH 645 3 CREDITS
 5215005 1 M 9:30-10:45
 F 8:00-9:15
 MEETS: JAN 13-MAY 8

MATH MODEL PHYSC SY MATH 646 3 CREDITS
 1822005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8 SMITH E

PARTIAL DIFF EQ II MATH 656 3 CREDITS
 Prereq: MATH 655
 5228005 1 MF 9:30-10:45
 MEETS: JAN 13-MAY 8

ADV TOPICS ALGEBRA MATH 680A 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 5232005 1 MW 8:00-9:10, ARRANGED
 MEETS: JAN 13-MAY 8

ADV TOPICS ANALYSIS MATH 680B 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 5233005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

ADV TOP COMBINATORC MATH 680D 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6699005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

RESEARCH MATH 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

PROBLM SOLV WTH CPR M E 160 3 CREDITS
 Prereq: M E MAJORS ONLY. MATH 142 OR MATH 143 OR
 MATH 145; CREDIT OR ENROLLMENT IN MATH 165
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: A B E 160, C E 160,
 AER E 160, ENGR 160, M E 160, CPR E 185, E E 185,
 S E 185, I E 148
 RESTRICTED TO M E MAJORS ONLY
 9082005 1 MW 10:00-11:50
 MEETS: JAN 13-MAY 8

9082010 2 MW 12:10-2:00
 MEETS: JAN 13-MAY 8

9082015 3 MW 4:10-6:00PM
 MEETS: JAN 13-MAY 8

9082020 4 TR 8:00-9:50
 MEETS: JAN 13-MAY 8

9082030 6 TR 12:10-2:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8

8346010 2 MW 10:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 8

8346015 3 MW 12:10-2:00
 ARRANGED
 MEETS: JAN 13-MAY 8

8346020 4 MW 2:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8

8346025 5 MW 4:10-6:00PM
 ARRANGED
 MEETS: JAN 13-MAY 8

8346030 6 TR 8:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 8

8346035 7 TR 10:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 8

8346040 8 TR 2:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8

8346045 9 TR 4:10-6:00PM
 ARRANGED
 MEETS: JAN 13-MAY 8

8346050 10 TR 12:10-2:00
 ARRANGED
 MEETS: JAN 13-MAY 8

MECH ENGR PRO PLAN M E 202 R CREDIT
 Prereq: CREDIT OR ENROLLMENT IN M E 231
 Satisfactory-Fail Only.
 4870005 1 R 2:10-3:00
 MEETS: JAN 13-MAY 8

4870010 2 R 3:10-4:00
 MEETS: JAN 13-MAY 8

GLOBAL SUSTAINBLTY M E 220 3 CREDITS
 Note: T SC 220/ANTHR 220/ENV S 220/GLOBE 220/MAT E 220/
 M E 220/SOC 220 MAY NOT BE APPLIED AS TECHNICAL
 ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 9058005 1 MWF 11:00-11:50 HALLAM A
 MEETS: JAN 13-MAY 8

MECHANICAL ENGINEERING (CONTINUED)

ENGR THERMODYNAMICS 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 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

4877010 2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

4877015 3 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

4877020 4 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

4877025 5 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

4877030 6 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

4877035 7 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

4877040 8 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

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 1 ARRANGED
 MWF 10:00-11:50
 MEETS: JAN 13-MAY 8

6270010 2 ARRANGED
 MWF 12:10-2:00
 MEETS: JAN 13-MAY 8

6270015 3 ARRANGED
 TR 8:00-10:50
 MEETS: JAN 13-MAY 8

6270020 4 ARRANGED
 MWF 2:10-4:00
 MEETS: JAN 13-MAY 8

6270025 5 ARRANGED
 TR 11:00-1:50
 MEETS: JAN 13-MAY 8

6270030 6 ARRANGED, TR 2:10-5:00
 MEETS: JAN 13-MAY 8

6270035 7 ARRANGED
 MWF 8:00-9:50
 MEETS: JAN 13-MAY 8

MANUFACTURING ENGR M E 324 3 CREDITS
 Prereq: M E 270, E M 324, MAT E 273, M E 324L
 Note: COURSE RESTRICTED TO M E & A E MAJORS ONLY.

6277005 1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

6277010 2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

MFG ENGINEERING LAB M E 324L 1 CREDIT
 Prereq: M E 270, MAT E 273
 Note: COURSE RESTRICTED TO M E & A E MAJORS ONLY

4270005 1 T 8:00-9:50
 MEETS: JAN 13-MAY 8

4270010 2 W 9:00-10:50
 MEETS: JAN 13-MAY 8

4270015 3 R 8:00-9:50
 MEETS: JAN 13-MAY 8

4270020 4 F 8:00-9:50
 MEETS: JAN 13-MAY 8

4270025 5 T 10:00-11:50
 MEETS: JAN 13-MAY 8

4270030 6 W 11:00-12:50
 MEETS: JAN 13-MAY 8

4270035 7 R 10:00-11:50
 MEETS: JAN 13-MAY 8

4270040 8 F 10:00-11:50
 MEETS: JAN 13-MAY 8

4270045 9 M 12:10-2:00
 MEETS: JAN 13-MAY 8

4270050 10 T 12:10-2:00
 MEETS: JAN 13-MAY 8

4270055 11 W 1:10-3:00
 MEETS: JAN 13-MAY 8

4270060 12 R 12:10-2:00
 MEETS: JAN 13-MAY 8

4270065 13 M 2:10-4:00
 MEETS: JAN 13-MAY 8

4270070 14 T 2:10-4:00
 MEETS: JAN 13-MAY 8

4270075 15 W 3:10-5:00
 MEETS: JAN 13-MAY 8

4270080 16 R 2:10-4:00
 MEETS: JAN 13-MAY 8

MECH COMPONENT DSGN M E 325 3 CREDITS
 Prereq: M E 170, E M 324, STAT 305
 Note: COURSE RESTRICTED TO M E & A E MAJORS ONLY

6287005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

6287010 2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

6287015 3 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

6287020 4 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

MECHANICAL ENGINEERING (CONTINUED)

ENGR THERMODYNAMICS II M E 332 3 CREDITS
 Prereq: M E 231
 Note: COURSE RESTRICTED TO M E MAJORS ONLY

4878005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

4878010 2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

4878015 3 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

4878020 4 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

4878025 5 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

FLUID FLOW M E 335 4 CREDITS
 Prereq: M E 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.

5703105 A TR 12:40-2:00
 MEETS: JAN 13-MAY 8

5703110 B TR 8:00-9:20
 MEETS: JAN 13-MAY 8

5703115 C MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

5703120 D TR 12:40-2:00
 MEETS: JAN 13-MAY 8

5703020 1 T 8:00-9:50
 MEETS: JAN 13-MAY 8

5703025 2 W 8:00-9:50
 MEETS: JAN 13-MAY 8

5703030 3 R 8:00-9:50
 MEETS: JAN 13-MAY 8

5703035 4 F 8:00-9:50
 MEETS: JAN 13-MAY 8

5703040 5 T 10:00-11:50
 MEETS: JAN 13-MAY 8

5703045 6 W 10:00-11:50
 MEETS: JAN 13-MAY 8

5703050 7 R 10:00-11:50
 MEETS: JAN 13-MAY 8

5703055 8 F 10:00-11:50
 MEETS: JAN 13-MAY 8

5703060 9 W 12:10-2:00
 MEETS: JAN 13-MAY 8

5703065 10 F 12:10-2:00
 MEETS: JAN 13-MAY 8

5703070 11 T 2:10-4:00
 MEETS: JAN 13-MAY 8

5703075 12 W 2:10-4:00
 MEETS: JAN 13-MAY 8

5703080 13 R 2:10-4:00
 MEETS: JAN 13-MAY 8

5703085 14 F 2:10-4:00
 MEETS: JAN 13-MAY 8

5703090 15 W 4:10-6:00PM
 MEETS: JAN 13-MAY 8

5703095 16 T 4:10-6:00PM
 MEETS: JAN 13-MAY 8

5703100 17 R 4:10-6:00PM
 MEETS: JAN 13-MAY 8

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).

2025005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

2025010 2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

2025015 3 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

2025020 4 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

2025025 5 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

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 13-MAY 8

4881105 B MW 8:00-8:50
 MEETS: JAN 13-MAY 8

4881010 1 T 9:00-11:50
 MEETS: JAN 13-MAY 8

4881015 2 W 9:00-11:50
 MEETS: JAN 13-MAY 8

4881020 3 R 9:00-11:50
 MEETS: JAN 13-MAY 8

4881025 4 F 8:00-10:50
 MEETS: JAN 13-MAY 8

4881030 5 M 12:10-3:00
 MEETS: JAN 13-MAY 8

4881035 6 T 12:10-3:00
 MEETS: JAN 13-MAY 8

4881040 7 W 12:10-3:00
 MEETS: JAN 13-MAY 8

4881045 8 R 12:10-3:00
 MEETS: JAN 13-MAY 8

4881050 9 F 11:00-1:50
 MEETS: JAN 13-MAY 8

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

ENGINRNG MEASUREMENTS M E 370 3 CREDITS
 4881055 10 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 4881060 11 T 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 4881065 12 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 4881070 13 R 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 4881075 14 F 2:10-5:00
 MEETS: JAN 13-MAY 8

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

MECHANICAL SYST DSN M E 415 3 CREDITS
 Prereq: M E 324, M E 325
 4888005 1 TR 8:00-10:50
 MEETS: JAN 13-MAY 8
 4888010 2 TR 11:00-1:50
 MEETS: JAN 13-MAY 8
 4888015 3 TR 2:10-5:00
 MEETS: JAN 13-MAY 8
 4888020 4 MWF 10:00-11:50
 MEETS: JAN 13-MAY 8
 4888025 5 MWF 1:10-3:00
 MEETS: JAN 13-MAY 8
 4888030 6 MWF 8:00-9:50
 MEETS: JAN 13-MAY 8

MECHNISM DSGN&ANLY M E 416 3 CREDITS
 Prereq: M E 325
 9859005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

ADV MACHINE DESIGN M E 417 3 CREDITS
 Prereq: M E 325, MAT E 273
 7636005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

COMPUTER-AIDED DSGN M E 419 3 CREDITS
 Prereq: M E 325
 6207005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

SYST DYNAM &CONTROL M E 421 4 CREDITS
 Prereq: M E 345, MATH 267, E E 442, E E 448
 Note: COURSE RESTRICTED TO M E MAJORS ONLY
 6310005 A TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 6310006 B TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 6310007 C TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 6310010 1 W 8:00-9:50
 MEETS: JAN 13-MAY 8
 6310015 2 W 10:00-11:50
 MEETS: JAN 13-MAY 8
 6310020 3 F 10:00-11:50
 MEETS: JAN 13-MAY 8
 6310025 4 W 12:10-2:00
 MEETS: JAN 13-MAY 8
 6310030 5 F 12:10-2:00
 MEETS: JAN 13-MAY 8
 6310035 6 T 1:10-3:00
 MEETS: JAN 13-MAY 8
 6310040 7 R 1:10-3:00
 MEETS: JAN 13-MAY 8
 6310045 8 W 2:10-4:00
 MEETS: JAN 13-MAY 8
 6310050 9 F 2:10-4:00
 MEETS: JAN 13-MAY 8
 6310055 10 T 3:10-5:00
 MEETS: JAN 13-MAY 8
 6310060 11 R 3:10-5:00
 MEETS: JAN 13-MAY 8
 6310065 12 W 4:10-6:00PM
 MEETS: JAN 13-MAY 8
 6310070 13 F 8:00-9:50
 MEETS: JAN 13-MAY 8

VEHI DYN&SUSPEN DSN M E 427 3 CREDITS
 Prereq: MATH 265, MATH 267, E M 345
 9991005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

HEAT TRANSFER M E 436 4 CREDITS
 Prereq: M E 335
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. RESTRICTED TO BSE, M E, CON E, A E MAJORS.
 5711105 A MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 5711110 B MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 5711115 C MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 5711015 1 T 8:00-9:50
 MEETS: JAN 13-MAY 8
 5711020 2 W 9:00-10:50
 MEETS: JAN 13-MAY 8
 5711025 3 R 8:00-9:50
 MEETS: JAN 13-MAY 8

HEAT TRANSFER M E 436 4 CREDITS
 5711030 4 F 9:00-10:50
 MEETS: JAN 13-MAY 8
 5711035 5 T 10:00-11:50
 MEETS: JAN 13-MAY 8
 5711040 6 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 5711045 7 T 12:10-2:00
 MEETS: JAN 13-MAY 8
 5711050 8 W 1:10-3:00
 MEETS: JAN 13-MAY 8
 5711055 9 R 12:10-2:00
 MEETS: JAN 13-MAY 8
 5711060 10 F 1:10-3:00
 MEETS: JAN 13-MAY 8

INTRO COMBUSTN ENGR M E 437 3 CREDITS
 Prereq: M E 332 OR EQUIVALENT; CREDIT OR ENROLLMENT IN M E 335 OR EQUIVALENT
 8664005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

HEAT&AIR COND DSGN M E 442 3 CREDITS
 Prereq: M E 441 OR PERMISSION OF INSTRUCTOR
 4893005 1 MWF 2:10-4:00
 MEETS: JAN 13-MAY 8

ELEMS&PRFRM PWR PLT M E 444 3 CREDITS
 Prereq: M E 332, CREDIT OR ENROLLMENT IN M E 335
 4894005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

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 1 MW 9:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 8

MACHINE VISION M E 456 3 CREDITS
 9944005 1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

MULTIDISC ENGR DSGN M E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 1903005 1 MWF 3:10-5:00
 MEETS: JAN 13-MAY 8

MODELING & SIMULATN M E 475 3 CREDITS
 Prereq: M E 421, CREDIT OR ENROLLMENT IN M E 436
 4903005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

INDEP STUDY HONORS M E 490H 1- 6 CREDITS
 Prereq: SR CLASSIFCATN, MEMBERSHIP IN HONORS PROG
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY THERMODYN M E 490J 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU DSGN&OPTMIZ M E 4900 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU MATRLS PROC M E 490Q 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU THERMO-FLUI M E 490R 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU EMERGI AREA M E 490S 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LAB MAKEUP M E 490Z 1- 3 CREDITS
 Prereq: DEPARTMENT PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

LABORATORY COMPONET M E 491X 1- 3 CREDITS
 ***** 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
 0479005 1 MW 3:10-4:30
 MEETS: JAN 13-MAY 8
 0479600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECTION RESTRICTED TO GRADUATE CLASSIFICATION
 Section XW is off campus
 Course delivery is WWW

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

ECN&POLCY ENRGY SYS M E 510 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 3702005 1 TR 3:40-4:55
 MEETS: JAN 13-MAY 8
 3702600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECTION RESTRICTED TO GRADUATE CLASSIFICATION
 Section XW is off campus
 Course delivery is WWW

ADV CONTROL DESIGN M E 511 3 CREDITS
 Prereq: M E 411
 8144005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 8144600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECTION RESTRICTED TO GRADUATE CLASSIFICATION
 Section XW is off campus
 Course delivery is WWW

ADV MACHINE DESIGN M E 517 3 CREDITS
 Prereq: M E 325, MAT E 273
 8809005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 8809600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECTION RESTRICTED TO GRADUATE STUDENTS ONLY
 Section XW is off campus
 Course delivery is WWW

MICRO/NANOMANUFCTRG M E 528 3 CREDITS
 Prereq: M E 324
 1068005 1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 1068600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECTION RESTRICTED TO GRADUATE CLASSIFICATION
 Section XW is off campus
 Course delivery is WWW

THRMOCHM PROC BIOMS M E 535 3 CREDITS
 Prereq: UNDERGRAD COURSEWORK IN THERMODYNAMICS
 AND TRANSPORT PHENOMENA
 4863005 1 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

ADV HEAT TRANSFER M E 536 3 CREDITS
 Prereq: M E 436
 4933005 1 MW 3:10-4:30
 MEETS: JAN 13-MAY 8

ADVANCED COMBUSTION M E 542 3 CREDITS
 Prereq: M E 332 OR CH E 381
 4937005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

FLU MECH&HEAT TR II M E 547 3 CREDITS
 Prereq: AER E 546 OR AER E 546
 4940005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

ADV BIOSNSR:FN&APP M E 550 3 CREDITS
 Prereq: GRADUATE STATUS. RECOMMEND A BASIC
 BACKGROUND IN ENGINEERING AND ONE OR MORE
 INTRODUCTORY BIOLOGY COURSES.
 9860005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

MACHINE VISION M E 556 3 CREDITS
 Prereq: MATH 317, M E 421 OR INSTRUCTOR PERMISSN
 9587005 1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8

MICRO&NANO MECHNICS M E 563 3 CREDITS
 Prereq: E M 324, M E 325
 8148005 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 8148600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECTION RESTRICTED TO GRADUATE CLASSIFICATION
 Section XW is off campus
 Course delivery is WWW

OPTIMAL CONTROL M E 574 3 CREDITS
 Prereq: E E 577
 8197005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

DIGIT FEEDBCK CNTRL M E 576 3 CREDITS
 Prereq: E E 475 OR AER E 432 OR M E 411 OR M E
 414 OR MATH 415; AND MATH 267
 8198005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

NONLINEAR SYSTEMS M E 578 3 CREDITS
 Prereq: E E 577
 8200005 1 MW 5:10-6:30PM
 MEETS: JAN 13-MAY 8

SP TOP LIT INVESTIG M E 590Q 1- 8 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

SPL TP BIO&NANO SCI M E 590T 1- 8 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

SPL TP CMLPX FLU SY M E 590U 1- 8 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CLEAN ENRGY M E 590V 1- 8 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

SPL TP DS&MFG INNOV M E 590W 1- 8 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

SPL TP SIMUL&VISULZ M E 590Z 1- 8 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

PROBLSTC ENGR ANLYS M E 591X 3 CREDITS
 Prereq: LINEAR ALGEBRA OR MATH 207; PROBABILITY
 THEORY OR STAT 231; OR PERMISSION OF INSTRUCTOR
 0431005 1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8
 0431600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECTION RESTRICTED TO GRADUATE CLASSIFICATION
 Section XW is off campus
 Course delivery is WWW

CREATIVE COMPONENT M E 599 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

SEMINAR M E 600 R CREDIT
 4964005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 FOR FIRST YEAR STUDENTS
 4964010 2 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR CONTINUING STUDENTS
 4964015 3 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 3 FOR STUDENTS IN P3 PROGRAM

SURFACE MODELING M E 625 3 CREDITS
 Prereq: M E 557, PROGRAMMING EXPERIENCE IN C
 5749005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8
 5749600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECTION RESTRICTED TO GRADUATE CLASSIFICATION
 Section XW is off campus
 Course delivery is WWW

MULTIPHASE FLOW M E 632 3 CREDITS
 Prereq: M E 538
 4967005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 4967600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SECTION RESTRICTED TO GRADUATE CLASSIFICATION
 Section XW 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 1 ARRANGED
 MEETS: JAN 13-MAY 8

RESEARCH M E 699 VAR. CREDITS

 Satisfactory-Fail Only.
 SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY

METEOROLOGY

(CONTINUED)

EARTH,WIND&F ORIENT MTEOR 113 1 CREDIT
 9304005 1 M 4:10-5:00
 MEETS: JAN 13-MAY 8

CLIMATE&SOCIETY LAB MTEOR 140L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MTEOR/AGRON/
 ENV S/GEOL 140X OR INSTRUCTOR PERMISSION
 0283005 1 W 11:00-1:00
 MEETS: JAN 13-MAY 8

WORLD WATER RESOURC MTEOR 160 3 CREDITS
 Note: Meets international perspectives reqmt
 3242005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

INTRO WEATHER&CLIMT MTEOR 206 3 CREDITS
 5375005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

COOPERATIVE EDUCATN MTEOR 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4813005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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 13-MAY 8

METEOROL INTERNSHIP MTEOR 321 1- 2 CREDITS
 Prereq: MTEOR 311; JR OR SR STANDING; PERMISSION
 OF COOP PRGRM COORD; ACCEPTANCE BY SPONSORING AGENCY
 Satisfactory-Fail Only.
 5381005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ENERGY &THE ENVIRON MTEOR 324 3 CREDITS
 Prereq: CHEM 163 OR CHEM 177, MATH 140
 Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD
 CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
 5614005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 5614600 XW ARRANGED WOOD A
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ATMOSPH PHYSICS II MTEOR 342 3 CREDITS
 Prereq: MTEOR 341
 5383005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

COOPERATIVE EDUCATN MTEOR 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4823005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

GLOBAL CHANGE MTEOR 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 8141005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

MESOSCALE METEORLGY MTEOR 407 3 CREDITS
 Prereq: MATH 166, MTEOR 443
 1066005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

MESOSCA FORECAS LAB MTEOR 417 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 411
 5389005 1 TR 2:10-4:30
 MW 2:30-3:00
 MEETS: JAN 13-MAY 8

INSTRUMNT&MEASURMNT MTEOR 432 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 266, PHY 222
 5377005 1 MF 3:10-4:00
 W 3:10-5:00
 MEETS: JAN 13-MAY 8

DYNAMIC METEOROLG I MTEOR 443 3 CREDITS
 Prereq: MTEOR 341
 5385005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

IND STUDY SYNOPTIC MTEOR 490A 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8424005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INDEP STUDY DYNAMIC MTEOR 490B 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8425005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 8425010 2 ARRANGED
 MEETS: JAN 13-MAY 8

IND STUDY PHYSICAL MTEOR 490C 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8426005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 8426010 2 ARRANGED
 MEETS: JAN 13-MAY 8

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

IND STUDY HYDROLOGY MTEOR 490E 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8668005 1 ARRANGED
 MEETS: JAN 13-MAY 8

COOPERATIVE EDUCATN MTEOR 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4824005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

GLOBAL CHANGE MTEOR 504 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES
 OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING
 8142005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

MESOSCALE METEORLGY MTEOR 507 3 CREDITS
 Prereq: MATH 166 AND MTEOR 443
 2521005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

MICROWV REMOTE SENS MTEOR 518 3 CREDITS
 Prereq: MATH 265 OR EQUIVALENT
 5860005 1 TR 11:00-12:30
 MEETS: JAN 13-MAY 8

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8427005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8429005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8430005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8431005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 8432005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8433005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8434005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP STAT METHDS MTEOR 590H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8435005 1 ARRANGED
 MEETS: JAN 13-MAY 8

METEOROLOGY (CONTINUED)

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8437005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1230005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3901005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3904005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8669005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SP TOP GEOPH FLU DY MTEOR 590N 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9186120 1C ARRANGED
 MEETS: JAN 13-MAY 8

GRADUATE SEMINAR MTEOR 595A 1 CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3596005 1 F 4:10-6:00PM
 MEETS: JAN 13-MAY 8

GRADUATE SEMINAR MTEOR 595B R CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3599005 1 F 4:10-6:00PM
 MEETS: JAN 13-MAY 8

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

MICROBIOLOGY

PHAG GNOM ANNOT LAB MICRO 116X 2 CREDITS
 Prereq: MICRO 115X IS RECOMMENDED
 0460005 1 MW 11:00-1:00
 MEETS: JAN 13-MAY 8

INTRO MICROBIOLOGY MICRO 201 2 CREDITS
 Prereq: ONE SEMESTER OF COLLEGE-LEVEL BIOLOGY
 5305005 1 MW 2:10-3:00
 MEETS: JAN 13-MAY 8

INTRO MICROBIOL LAB MICRO 201L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MICRO 201 OR
 MICRO 302
 Note: CREDIT FOR EITHER MICRO 201L OR MICRO 302L,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 1433005 1 MW 8:30-9:50
 MEETS: JAN 13-MAY 8
 1433010 2 MW 10:00-11:20
 MEETS: JAN 13-MAY 8
 1433015 3 MW 11:30-12:50
 MEETS: JAN 13-MAY 8
 1433020 4 MW 3:10-4:30
 MEETS: JAN 13-MAY 8
 1433025 5 TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 1433030 6 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 1433035 7 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 1433040 8 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 1433045 9 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

BIOL MICROORGANISMS MICRO 302 3 CREDITS
 Prereq: BIOL 211, CREDIT OR ENROLLMT IN BIOL 212;
 ONE SEMESTER OF CHEMISTRY
 1426005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

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 8:30-9:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO MICR, MICRO MAJORS ONLY
 3024010 2 MW 11:00-12:20
 MEETS: JAN 13-MAY 8
 3024015 3 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO MICR, MICRO MAJORS ONLY
 3024020 4 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 3024025 5 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

MICROBIOLOGY (CONTINUED)

MOLEB&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 13-MAY 8

INTRO PARASITOLOGY MICRO 353 3 CREDITS
 Prereq: BIOL 212
 7682005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

INSECTS &OUR HEALTH MICRO 374 3 CREDITS
 Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES
 Note: Meets international perspectives reqmt
 2784005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

INSCTS&OUR HLTH LAB MICRO 374L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN ENT 374
 6329005 1 W 9:00-11:50
 MEETS: JAN 13-MAY 8

SAFTY FOOD FROM ANI MICRO 407 3 CREDITS
 Prereq: MICRO 420
 1881005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

FOOD MICROBIOL LAB MICRO 421 3 CREDITS
 Prereq: MICRO 201 OR MICRO 302; MICRO 201L OR
 MICRO 302L. CREDIT OR ENROLLMENT IN FS HN/MICRO 420
 9676005 1 TR 9:30-11:30
 F 2:10-4:00
 MEETS: JAN 13-MAY 8

LAB MICR PHYSL,DVRS MICRO 440 4 CREDITS
 Prereq: MICRO 302, MICRO 302L, CHEM 332, BIOL
 313L
 Note: COURSE RESTRICTED TO MICR MAJORS ONLY
 6135005 1 MW 1:10-5:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 5319010 2 T 2:10-4:00
 MEETS: JAN 13-MAY 8

IMMUNOLOGY MICRO 475 3 CREDITS
 Prereq: MICRO 310
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: MICRO 475, V MPM 520,
 MICRO/V MPM 575
 9677005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

IMMUNOLOGY LAB MICRO 475L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN MICRO 310 OR
 MICRO 475 OR MICRO 575
 6720005 1 TR 1:10-5:00
 MEETS: JAN 13-MARCH 6

BACT-PLANT INTERACT MICRO 477 3 CREDITS
 Prereq: 3 CREDITS IN MICROBIOL OR PLANT PATHOLOGY
 5646005 1 MWF 12:10-1:00 BEATTIE G
 MEETS: JAN 13-MAY 8

INDEP STU:LAB RSRCH MICRO 490A VAR. CREDITS
 Prereq: A MINIMUM OF 6 CREDITS OF 300-LEVEL
 OR ABOVE COURSEWORK IN MICROBIOLOGY, PERMISSION
 OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU:LIT RVIEW MICRO 490B VAR. CREDITS
 Prereq: A MINIMUM OF 6 CREDITS OF 300-LEVEL
 OR ABOVE COURSE WORK IN MICROBIOLOGY, PERMISSION
 OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDP STU:INSTR ASST MICRO 490C VAR. CREDITS
 Prereq: A MINIMUM OF 6 CREDITS OF 300-LEVEL
 OR ABOVE COURSEWORK IN MICROBIOLOGY, PERMISSION
 OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY MICRO 490H 1- 5 CREDITS
 Prereq: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE
 COURSEWORK IN MICRO, INSTR PERMISSION, MEMBERSHIP IN
 UNIV HONORS PROGRAM
 Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION. COURSE RESTRICTED TO UNIVERSITY TO
 HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MICROBIOLOGY

(CONTINUED)

MILITARY SCIENCE

(CONTINUED)

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

SAFTY FOOD FROM ANI MICRO 507 3 CREDITS
 Prereq: MICRO 420
 2129005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

PLANT VIROLOGY MICRO 509 2 CREDITS
 Prereq: BIOL 313 OR BBMB 301; RECOMMEND BIOL 314
 3563005 1 ARRANGED
 MEETS: JAN 13-MAY 8

LIVESTK IMMUNOGENET MICRO 540 2 CREDITS
 Prereq: AN S 561 OR MICRO 575 OR V MPM 520
 7622005 1 ARRANGED
 MEETS: JAN 13-MAY 8

VIROLOGY MICRO 554 1 CREDIT
 Prereq: UNDERGRADUATE COURSES IN GENERAL MICRO
 AND GENETICS
 7118005 1 MWF 10:00-10:50
 MEETS: FEB 17-MARCH 27

FUNGAL BIOLOGY MICRO 555 1 CREDIT
 Prereq: MICRO 302, BIOL 313
 7138005 1 MWF 10:00-10:50
 MEETS: MARCH 30-MAY 1

MICROORGNISM ECOLOGY MICRO 556 1 CREDIT
 Prereq: MICRO 302, BIOL 313
 7159005 1 MWF 10:00-10:50
 MEETS: JAN 13-FEB 14

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 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

BACT-PLANT INTERACT MICRO 577 3 CREDITS
 Prereq: 3 CR IN MICROBIOLOGY OR PLANT PATHOLOGY
 5647005 1 MWF 12:10-1:00 BEATTIE G
 MEETS: JAN 13-MAY 8

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 1 T 4:10-5:00
 MEETS: JAN 13-MAY 8

MECHNSM BACT PATHOG MICRO 625 4 CREDITS
 Prereq: CREDIT IN BIOCHEM AND MICROBIOL
 6954005 1 MWF 2:30-4:00
 MEETS: JAN 13-MAY 8

CURR TOPIC MICROBIO MICRO 690A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRAD RESEARCH ROTAT MICRO 697 VAR. CREDITS
 7161005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SEM N MOLEC,C,DV BIO MICRO 698 1- 2 CREDITS
 5350005 1 M 3:10-5:00
 MEETS: JAN 13-MAY 8

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

MILITARY SCIENCE

STRUC&FUNC U.S.ARMY M S 102 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN M S 102L REQ'D
 Note: CONCURRENT ENROLLMENT IN M S 102L REQUIRED
 4995005 1 T 12:40-1:30 SOENKSEN J
 MEETS: JAN 13-MAY 8
 4995010 2 W 10:00-10:50 SOENKSEN J
 MEETS: JAN 13-MAY 8

BASIC LDRSHP LAB II M S 102L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN M S 102 REQUIRED
 Note: CONCURRENT ENROLLMENT IN M S 102 REQUIRED
 2983005 1 W 4:10-6:00PM SOENKSEN J
 MEETS: JAN 13-MAY 8

ARMY PHY READINESS M S 150 1 CREDIT
 8414005 1 MTF 6:00-7:15 LUDEMA N
 MEETS: JAN 13-MAY 8

MAP READ&LAND NAVIG M S 202 2 CREDITS
 Prereq: CONCURRENT ENROLLMNT IN M S 202L REQUIRED
 Note: CONCURRENT ENROLLMENT IN M S 202L REQUIRED
 4999005 1 MW 9:00-9:50 MARSHALL E
 MEETS: JAN 13-MAY 8
 4999010 2 MW 11:00-11:50 MARSHALL E
 MEETS: JAN 13-MAY 8

BAS LEADRSH LAB IV M S 202L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN M S 202 REQUIRED
 Note: CONCURRENT ENROLLMENT IN M S 202 REQUIRED
 3198005 1 W 4:10-6:00PM MARSHALL E
 MEETS: JAN 13-MAY 8

ADV PHY READINSS II M S 251 2 CREDITS
 Prereq: SUCCESSFUL COMPLETION OF M S 150 AND
 M S 250
 9029005 1 MTRF 6:00-7:15 LUDEMA N
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

IND STDY:BASIC MILI M S 290 1- 3 CREDITS
 Prereq: PERMISSION OF THE M S DEPT CHAIR
 8153005 1 ARRANGED LUDEMA N
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

APPLIED LEADERSHIP M S 302 3 CREDITS
 Prereq: COMPLETION OF THE BASIC MILITARY SCIENCE
 PROGRAM, CONCURRENT ENROLLMENT IN M S 302L AND
 PERMISSION OF THE CHAIR OF THE MILITARY SCIENCE DEPT
 5002005 1 TR 9:30-10:50 MYTIDES J
 MEETS: JAN 13-MAY 8
 Note: Department permission required.
 5002010 2 TR 11:00-12:20 MYTIDES J
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

ADV LEADRSH LAB II M S 302L 1 CREDIT
 Prereq: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 302 AND PERMISSION OF
 THE DEPARTMENT CHAIR OF MILITARY SCIENCE
 5005005 1 W 4:10-6:00PM MYTIDES J
 MEETS: JAN 13-MAY 8
 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 M 1:10-2:00 PAUL J
 W 1:10-2:00 PAUL J
 F 1:10-2:00 PAUL J
 MEETS: JAN 13-MAY 8
 Note: Department permission required.
 5009010 2 M 2:10-3:00 PAUL J
 W 2:10-3:00 PAUL J
 F 2:10-3:00 PAUL J
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

ADV LEADRSH LAB IV M S 402L 1 CREDIT
 Prereq: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 402 AND PERMISSION OF
 THE MILITARY SCIENCE DEPARTMENT CHAIR
 5010005 1 W 4:10-6:00PM PAUL J
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

IND STDY:ADV MIL ST M S 490 1 CREDIT
 Prereq: M S 301, M S 302, M S 401, M S 402,
 PERMISSION OF THE MILITARY SCIENCE DEPARTMENT CHAIR
 9598005 1 ARRANGED PAUL J
 MEETS: JAN 13-MAY 8
 Note: Department permission required.

MOLECULAR CELLULAR DEV BIOLOGY

ADV MOLECULR GENETC MCDB 511 3 CREDITS
 Prereq: BIOL 313 AND BBMB 405
 5303005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

BIOCH EUARYOT GENE MCDB 676 2 CREDITS
 Prereq: BBMB 404 OR BBMB 501, BBMB 405 OR BBMB
 502 OR GDCEB 511
 1849005 1 TR 2:10-3:00
 MEETS: JAN 13-MAY 8

GRAD RESRCH ROTATN MCDB 697 1- 6 CREDITS
 Satisfactory-Fail Only.
 7278005 1 ARRANGED
 MEETS: JAN 13-MAY 8

MOLECULAR CELLULAR DEV BIOLOGY (CONTINUED)

SEMN MOLEC,C,DV BIO MCDB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2020
 5275005 1 M 3:10-5:00
 MEETS: JAN 13-MAY 8

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

MUSIC

FUNDAMNTLS OF MUSIC MUSIC 101 2 CREDITS
 Prereq: ABILITY TO READ ELEM MUSICAL NOTATION
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING
 COURSES MAY BE APPLIED TOWARD GRADUATION:
 MUSIC 101, MUSIC 105, MUSIC 201X
 7180005 1 MWF 9:00-9:50 WORK G
 MEETS: JAN 13-MAY 8
 7180010 2 MWF 3:10-4:00 MARTINIC-JERCIC
 MEETS: JAN 13-MAY 8

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS
 Note: Meets international perspectives reqmt
 5406005 1 MWF 9:00-9:50 CHRISTENSEN A
 MEETS: JAN 13-MAY 8
 5406010 2 MWF 10:00-10:50 CHRISTENSEN A
 MEETS: JAN 13-MAY 8
 5406600 XW ARRANGED TAM T
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

BASIC MUSICIANSHIP MUSIC 105 3 CREDITS
 Prereq: PERFORMING ARTS MAJOR STATUS OR
 PERMISSION OF INSTRUCTOR.
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING
 COURSES MAY BE APPLIED TOWARD GRADUATION:
 MUSIC 101, MUSIC 105, MUSIC 201X
 2975005 1 TR 2:10-3:00 OAKES G
 W 1:10-2:00 BRONSON J
 MEETS: JAN 13-MAY 8

WIND ENSEMBLE MUSIC 111 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5408005 1 MWRF 12:10-1:00 GOLEMO M
 MEETS: JAN 13-MAY 8

CONCERT BAND MUSIC 112 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS WHO PERFORMED ON A
 WIND OR PERCUSSION INSTRUMENT IN HS BAND OR ORCHESTRA
 5409005 1 TR 4:10-5:30 SHIELDS J
 MEETS: JAN 13-MAY 8
 5409010 2 R 7:10-9:00PM SHIELDS J
 MEETS: JAN 13-MAY 8

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 1 TR 2:10-3:40 BOVINETTE J
 MEETS: JAN 13-MAY 8
 5410010 2 MW 3:10-4:40 GILES M
 MEETS: JAN 13-MAY 8

PEP BAND MUSIC 114B 1 CREDIT
 Prereq: PREREQ: STUDENTS SELECTED BY AUDITION
 FROM MEMBERS OF MUSIC 114A.
 4603005 1 T 6:10-7:00PM CARICHNER C
 MEETS: JAN 13-MAY 8

PEP BAND FOR SOCC&W MUSIC 114C 1 CREDIT
 Prereq: STUDENTS SELECTED BY AUDITION
 9818005 1 TR 5:10-6:30PM CARICHNER C
 MEETS: JAN 13-MAY 8

SYMPHONIC BAND MUSIC 115 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 9610005 1 MWF 11:00-11:50 CARICHNER C
 MEETS: JAN 13-MAY 8

APPLIED MUSIC VOICE MUSIC 118A 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: CREDIT IN MUSIC 118A WILL NOT SATISFY APPLIED
 MUSIC REQUIREMENTS FOR MUSIC MAJORS
 APPLIED MUSIC FEE \$150.00-\$190.00
 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

MUSIC (CONTINUED)

APPLIED MUSIC ORGAN MUSIC 118C 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 118D 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 118E 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 118F 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 118G 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: CREDIT IN MUSIC 118G WILL NOT SATISFY APPLIED
 MUSIC REQUIREMENTS FOR MUSIC MAJORS
 APPLIED MUSIC FEE \$150.00-\$190.00
 Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 118I 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: CREDIT IN MUSIC 118I WILL NOT SATISFY APPLIED
 MUSIC REQUIREMENTS FOR MUSIC MAJORS
 APPLIED MUSIC FEE \$150.00-\$190.00
 Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 119A 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 119D 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 119E 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 119F 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 119I 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTR MUSIC LIT&STYL MUSIC 120 3 CREDITS
 Prereq: MUSIC 224; MUSIC MAJOR STATUS OR
 PERMISSION OF INSTRUCTOR
 Note: CREDIT IN EITHER MUSIC 120 OR MUSIC 302, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION RESTRICTED
 TO MU BA & MU BM MAJORS ONLY COURSE RESTRICTED
 TO MUSIC MAJORS OR BY PERMISSION OF INSTRUCTOR
 5430005 1 MWF 9:00-9:50 STURM J
 MEETS: JAN 13-MAY 8

CLASS STDY PIANO II MUSIC 128 1 CREDIT
 Prereq: MUSIC 127 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
 THE INSTRUCTOR.
 Instructor permission required 1st week.
 5433005 1 MW 10:00-10:50 BRONSON J
 MEETS: JAN 13-MAY 8
 5433010 2 TR 11:00-11:50 BRONSON J
 MEETS: JAN 13-MAY 8

MUSIC (CONTINUED)

MUSIC (CONTINUED)

LYRICA WOMENS CHOIR MUSIC 141 1 CREDIT
 Prereq: OPEN TO ALL FEMALE STUDENTS BY AUDITION
 5437005 1 MWF 2:10-3:00 RODDE K
 MEETS: JAN 13-MAY 8

CANTAMUS WMNS CHOIR MUSIC 151A 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 4461005 1 MWF 11:00-11:50 RODDE K
 MEETS: JAN 13-MAY 8

STATESMEN MNS CHOIR MUSIC 151B 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 4471005 1 MWF 1:10-2:00 RODDE J
 MEETS: JAN 13-MAY 8

IOWA STATE SINGERS MUSIC 161 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5441005 1 MTWRF 12:10-1:00 RODDE J
 MEETS: JAN 13-MAY 8

SYMPHONY ORCHESTRA MUSIC 181 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5443005 1 TR 4:10-6:00PM GOVIAS J
 MEETS: JAN 13-MAY 8

APPLIED MUSIC VOICE MUSIC 219A 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 219B 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 219C 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 219D 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 219E 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 219F 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 219I 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 1 TR 10:00-10:50 BRONSON J
 MEETS: JAN 13-MAY 8
 5456010 2 MW 11:00-11:50 BRONSON J
 MEETS: JAN 13-MAY 8

MUSIC THEORY II MUSIC 234 3 CREDITS
 Prereq: MUSIC 224. CONCURRENT ENROLLMENT IN
 MUSIC 235 RECOMMENDED.
 Note: COURSE RESTRICTED TO MUSIC MAJORS. OR BY
 PERMISSION OF INSTRUCTOR
 2430005 1 MWF 2:10-3:00 STURM J
 MEETS: JAN 13-MAY 8
 2430010 2 MWF 10:00-10:50 STURM J
 MEETS: JAN 13-MAY 8

AURAL THEORY II MUSIC 235 1 CREDIT
 Prereq: MUSIC 225; CREDIT OR ENROLLMENT IN
 MUSIC 234
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
 2502005 1 TR 10:00-10:50 GILES S
 MEETS: JAN 13-MAY 8

INTRO CRTV DGTL MUS MUSIC 246 2 CREDITS
 Prereq: MUSIC 101, MUSIC 105, OR MUSIC 224,
 OR PERMISSION OF INSTRUCTOR
 5578005 1 MW 1:10-2:00 HOPKINS C
 MEETS: JAN 13-MAY 8

MU INSTRUCT TECHNOL MUSIC 248 2 CREDITS
 Prereq: MUSIC 224 AND MUSIC 225
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
 4158005 1 TR 10:00-10:50 ROYSTON N
 MEETS: JAN 13-MAY 8

MUSIC IN ELEM EDUC MUSIC 265 2 CREDITS
 Prereq: HD FS 102 OR PSYCH 230
 7209005 1 TR 3:10-4:00 VERSTEEGT K
 MEETS: JAN 13-MAY 8
 7209010 2 TR 2:10-3:00 VERSTEEGT K
 MEETS: JAN 13-MAY 8
 7209015 3 TR 4:10-5:00 VERSTEEGT K
 MEETS: JAN 13-MAY 8
 7209020 4 TR 5:10-6:00PM VERSTEEGT K
 MEETS: JAN 13-MAY 8

INTRO TO MUSIC EDUC MUSIC 266 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN MUSIC 480K
 480K
 5459005 1 TR 3:10-4:00 SVEC C
 MEETS: JAN 13-MAY 8

PRE-TCH EXP I: MUSIC MUSIC 280K .5 CREDIT
 Satisfactory-Fail Only.
 5807005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPCL PROB EDUCATION MUSIC 290A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: ADDITIONAL EXPENSES MAY BE APPLIED
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: ADDITIONAL EXPENSES MAY APPLY FOR LESSONS
 SEE SPECIFIC SECTION FOR DETAILS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB CONDUCTING MUSIC 290G VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS MUSIC 290H VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPERA/OPRTTA STUDIO MUSIC 301A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8656005 1 TR 2:10-3:30 SONKA C
 MEETS: JAN 13-MAY 8

OPERA STDO MU THTRE MUSIC 301B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8670005 1 ARRANGED DELL B
 MEETS: MARCH 9-MAY 8

WSTRN CULT MASTERPC MUSIC 302 3 CREDITS
 Prereq: MUSIC 102. NOT OPEN TO MUSIC MAJORS.
 Note: CREDIT IN EITHER MUSIC 120 OR MUSIC 302, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 5407005 1 MWF 3:10-4:00 STURM J
 MEETS: JAN 13-MAY 8

HIS AMER ROCK'N'ROL MUSIC 304 3 CREDITS
 Prereq: MUSIC 101, MUSIC 102, MUSIC 224,
 OR MUSIC 225
 Note: Meets U.S. diversity reqmt
 8118600 XW ARRANGED SHEELER R
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

MUSIC

(CONTINUED)

APPLIED MUSIC VOICE MUSIC 318A 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 318B 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 318C 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 318D 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 318E 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 318F 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 318G 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 318I 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 319A 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 319C 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 319D 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 319E 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE MUSIC 321A 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO MUSIC 321B 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE ORGAN MUSIC 321C 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

ADV ENSEMBL STRINGS MUSIC 321D 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMB WOODWINDS MUSIC 321F 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS MUSIC 321G 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSM PERCUSSION MUSIC 321I 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE MIXED MUSIC 321J 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
 ***** SEE DEPT FOR REFERENCE NUMBERS

FUNC PIANO FOR VOIC MUSIC 327B 2 CREDITS
 Prereq: MUSIC 228 OR PERMISSION OF INSTRUCTOR
 2636005 1 TR 3:10-4:00, ARRANGED RODDE K
 MEETS: JAN 13-MAY 8

MUSIC THEORY IV MUSIC 344 3 CREDITS
 Prereq: MUSIC 334. CONCURRENT ENROLLMENT IN
 MUSIC 345 RECOMMENDED.
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
 2571005 1 MWF 2:10-3:00 GILES M
 MEETS: JAN 13-MAY 8
 2571010 2 MWF 9:00-9:50 GILES M
 MEETS: JAN 13-MAY 8

AURAL THEORY IV MUSIC 345 1 CREDIT
 Prereq: MUSIC 335; CREDIT OR ENROLLMENT IN
 MUSIC 344
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
 2602005 1 TR 9:00-9:50 STURM J
 MEETS: JAN 13-MAY 8
 2602010 2 TR 8:00-8:50 STURM J
 MEETS: JAN 13-MAY 8

CPTR MUS PRGRMG DSN MUSIC 346 3 CREDITS
 Prereq: MUSIC 246 OR PERMISSION OF INSTRUCTOR
 8436005 1 M 3:10-4:00 HOPKINS C
 W 3:10-5:00 HOPKINS C
 MEETS: JAN 13-MAY 8

WDWIND:FLT,SAX,CLAR MUSIC 351 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN MUSIC 358B OR
 MUSIC 358C IS REQUIRED OF INSTRUMENTAL MUSIC
 EDUCATION MAJORS. LIMITED TO MUSIC MAJORS.
 5500005 1 MWF 2:10-3:00 GILES M
 MEETS: JAN 13-MAY 8

BRSS:TROM,BARI,TUBA MUSIC 354 1 CREDIT
 Prereq: MUSIC 353 OR PERMISSION OF INSTRUCTOR.
 CONCURRENT ENROLLMENT IN MUSIC 358B OR MUSIC 358C IS
 REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS.
 LIMITED TO MUSIC MAJORS.
 5503005 1 TR 11:00-11:50 DISHMAN N
 MEETS: JAN 13-MAY 8

PERCUSSION TECH MUSIC 355 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN MUSIC 358B OR
 MUSIC 358C IS REQUIRED OF INSTRUMENTAL MUSIC
 EDUCATION MAJORS. LIMITED TO MUSIC MAJORS.
 5504005 1 TR 11:00-11:50 SHARP J
 MEETS: JAN 13-MAY 8

LAB ENSEMBLE:CHORAL MUSIC 358A R CREDIT
 7331005 1 W 4:10-5:45 RODDE J
 MEETS: JAN 13-MAY 8

LAB ENSEMBLE:INSTRUM MUSIC 358B R CREDIT
 Note: ADDITIONAL EXPENSES MAY APPLY
 Satisfactory-Fail Only.
 7330005 1 T 12:10-1:00 ROYSTON N
 MEETS: JAN 13-MAY 8

VOCAL PEDAGOGY MUSIC 360 2 CREDITS
 Prereq: MUSIC 319A OR VOCAL PROFICIENCY EXAM
 5506005 1 MW 1:10-2:00 CRESWELL M
 MEETS: JAN 13-MAY 8

MUSIC (CONTINUED)

CONDUCTNG II:CHORAL MUSIC 362A 2 CREDITS
 Prereq: MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR; MUSIC 361; CONCURRENT ENROLLMENT IN MUSIC 358A AND MUSIC 141, MUSIC 151, OR MUSIC 161.
 1236005 1 TR 4:10-5:00 RODDE J
 MEETS: JAN 13-MAY 8

CONDUCTG II:INSTRUM MUSIC 362B 2 CREDITS
 Prereq: MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR; MUSIC 361; CONCURRENT ENROLLMENT IN MUSIC 358B
 1240005 1 MWF 9:00-9:50 GOVIAS J
 MEETS: JAN 13-MAY 8

CHORAL LITERATURE MUSIC 367 2 CREDITS
 Prereq: MUSIC 361 RECOMMENDED
 4597005 1 TR 4:10-5:00 GOBLE J
 MEETS: JAN 13-MAY 8

MRCH BND&JZ ENS TNQ MUSIC 368 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MUSIC 362B RECOMMENDED
 4598005 1 TR 9:00-9:50
 MEETS: JAN 13-MAY 8

CHORAL MTHDS INSTRM MUSIC 375 1 CREDIT
 Prereq: CLASSIFICATION AS A MUSIC MAJOR; MUSIC 280K; MUSIC 266; ADMISSION INTO TEACHER EDUCATN
 4375005 1 T 8:00-8:50 SVEC C
 MEETS: JAN 13-MAY 8

HISTORY OF MUSIC II MUSIC 384 3 CREDITS
 Prereq: MUSIC 383; MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY Meets international perspectives reqmt
 5512005 1 MWF 10:00-10:50 STURM J
 MEETS: JAN 13-MAY 8

LIT & PEDAGOGY VOICE MUSIC 415A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY PIANO MUSIC 415B 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY ORGAN MUSIC 415C 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG STRINGS MUSIC 415D 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG WOODWIND MUSIC 415F 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY BRASS MUSIC 415G 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG PERCUSSN MUSIC 415I 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT&PEDAG JAZZ PERF MUSIC 415J 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

STUDNT TCH ELEM MUS MUSIC 417R VAR. CREDITS
 Prereq: MINIMUM GPA OF 2.5; ADMISSION TO TEACHER EDUCATION; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2020
 6741005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 6741010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 6741015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
 6741020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TCHG SEC MUS MUSIC 417S VAR. CREDITS
 Prereq: MINIMUM GPA OF 2.5; ADMISSION TO TEACHER EDUCATION; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2020
 6690005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 6690010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 6690015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

MUSIC (CONTINUED)

STUDNT TCHG SEC MUS MUSIC 417S VAR. CREDITS
 6690020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

APPLIED MUSIC VOICE MUSIC 419A 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 419B 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 419C 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 419D 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 419E 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 419F 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 419G 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 419I 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 Note: Applied Music fee \$150.00-\$190.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

JR/SENIOR RECITAL MUSIC 420 R CREDIT
 Prereq: ADVANCED PERFORMING ABILITY, PERMISSION OF INSTRUCTOR, CONCURRENT REGISTRATION IN MUSIC 319 OR MUSIC 419
 Note: FOR JUNIOR OR SENIOR RECITALS ONLY
 Satisfactory-Fail Only.
 5584005 1 ARRANGED
 MEETS: JAN 13-MAY 8

APP THRY:IMPROV&ARR MUSIC 434 3 CREDITS
 Prereq: MUSIC 344, MUSIC 345
 4382005 1 MWF 8:00-8:50 STURM J
 MEETS: JAN 13-MAY 8
 4382010 2 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

INSTM ADM,MTLS,MTHD MUSIC 464 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MUSIC 362B RECOMMENDED
 5525005 1 TR 9:00-9:50 ROYSTON N
 MEETS: JAN 13-MAY 8

EXPERNCE III: MUSIC MUSIC 480K 1 CREDIT
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE EDUCATOR PREP PROGRAM OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.
 OFFERED FOR 1 CREDIT
 Satisfactory-Fail Only.
 7691005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: STUDENTS MUST HAVE 2 HALF DAYS FOR FIELD EXPERIENCE.

INDEP STDY MUSIC ED MUSIC 490A VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY THEORY MUSIC 490B VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU COMPOSITION MUSIC 490C VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

INDEP STUDY HISTORY MUSIC 490D VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LITERATURE MUSIC 490E VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY APPL MUSIC MUSIC 490F VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: ADDITIONAL EXPENSES MAY APPLY FOR LESSONS SEE SPECIFIC SECTION FOR DETAILS
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY CONDUCTG MUSIC 490G VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS MUSIC 490H VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELECTRNC M MUSIC 490I VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

STUDNT TCH:ELEM MUS MUSIC 517R VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

6061005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA

6061010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

6061015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA

6061020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TCHG SEC MUS MUSIC 517S VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

6177005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA

6177010 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

6177015 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA

6177020 2R ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

SPECL TOPICS THEORY MUSIC 590B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS COMPOSIT MUSIC 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LIT MUSIC 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC APPL MUSIC MUSIC 590F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

SPL TOP ELECTRNC MU MUSIC 590I VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

NREM LRN CMM SEMINR NREM 111 1 CREDIT
 Prereq: MEMBER OF THE NREM TRANSITIONS LEARNING COMMUNITY
 Satisfactory-Fail Only.
 8032005 1 T 12:10-1:00 BURNETT J
 MEETS: JAN 13-MAY 8

8032010 2 R 12:10-1:00 BURNETT J
 MEETS: JAN 13-MAY 8

EXPLORATNS IN NREM NREM 115X 1 CREDIT
 Prereq: ANIMAL ECOLOGY AND FORESTRY MAJORS, FRESHMAN CLASSIFICATION
 0318005 1 W 4:10-6:00PM CHUNG A
 MEETS: MARCH 9-MAY 8

INTR RENEW RESOURCS NREM 120 3 CREDITS
 1297005 1 MWF 12:10-1:00 SCHIELTZ J
 MEETS: JAN 13-MAY 8

NAT RESOURCES &AGRI NREM 130 3 CREDITS
 1055005 1 MWF 9:00-9:50 ISENHART T
 MEETS: JAN 13-MAY 8

NAT RESOURC CAREERS NREM 211 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 4467005 1 R 2:10-3:00 BURNETT J
 MEETS: JAN 13-MAY 8

QUANTV PROBLEM SOLV NREM 240 3 CREDITS
 Prereq: STAT 101 OR STAT 104, OR PERMISSION OF THE INSTRUCTOR
 9918005 1 MW 12:10-1:00 MOORE P
 W 2:10-4:00
 MEETS: JAN 13-MAY 8

INTERNSHIP NREM 303 1- 3 CREDITS
 Prereq: PERMISSION OF DEPARTMENT MENTOR, SOPHOMORE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR NREM 305 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

1058005 1 MW 11:00-12:15 JOVANOVIC B
 MEETS: JAN 13-MAY 8

Note: SEC 1 TOPIC: MARINE ECOSYSTEM DYNAMICS

1058010 2 T 12:10-1:00 WEBER M
 MEETS: JAN 13-MAY 8

Note: SEC 2 OFFERED FOR 1 CREDIT

1058015 3 R 11:00-2:00 MCMULLEN C
 MEETS: MARCH 9-MAY 8

Note: SEC 3 OFFERED FOR 1 CREDIT SPRING 2020

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 13-MAY 8
 Note: Instructor permission required.

NAT RES PHOTGRM&GIS NREM 345 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION

3730005 1 TR 8:00-8:50 WOLTER P
 R 2:10-5:00 WOLTER P
 MEETS: JAN 13-MAY 8

NAT RESOURCE POLICY NREM 385 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION

8335005 1 MWF 10:00-10:50 ZIMMERMAN E
 MEETS: JAN 13-MAY 8

WATERSHED MANAGMENT NREM 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY

3727005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 13-MAY 8

3727010 2 TR 9:30-10:50 SCHULTZ R
 T 12:10-3:00 SCHULTZ R
 MEETS: JAN 13-MAY 8

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

ECOSYSTEM MANAGEMNT NREM 452 3 CREDITS
 Prereq: JR CLASSIFICATION, NREM 301 OR A ECL 312
 Note: COURSE RESTRICTED TO SENIORS ONLY
 5582005 1 MW 1:10-2:00 SCHULTE M
 F 11:00-2:00 SCHULTE M
 MEETS: JAN 13-MAY 8
 Note: Field trips & travel fee \$25.00

CONTRV NAT RSRC MGT NREM 460 3 CREDITS
 Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND
 JUNIOR CLASSIFICATION
 7598005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 7598010 2 MW 11:00-12:20
 MEETS: JAN 13-MAY 8

AGROFORESTRY SYSTMS NREM 471 3 CREDITS
 Prereq: 6 CR IN BIOL SCI AT 300-LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 5122005 1 TR 8:00-9:15 RUSSELL A
 MEETS: JAN 13-MAY 8

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 1 F 3:10-4:00
 MEETS: JAN 13-MAY 8

IND STDY ANIMAL ECO NREM 490A 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY NREM 490B 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR NREM 490E 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 8737005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INDEP STUDY HONORS NREM 490H 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM

 SEE DEPT FOR REFERENCE NUMBERS

DOMESTIC TRAVEL NREM 496B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2597005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 TOPIC: YELLOWSTONE
 SEC 1 OFFER FOR 2 CREDITS SPRING 2020
 TRAVEL MARCH 9-18
 FOR UNDERGRADUATE STUDENTS ONLY
 Instructor permission required.
 2597010 2 F 9:00-11:00
 MEETS: JAN 13-MAY 8
 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 1 ARRANGED
 MEETS: JAN 13-MAY 8

SEMINAR NREM 505 1- 3 CREDITS
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 1083005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 1083010 2 T 12:10-1:00 WEBER M
 MEETS: JAN 13-MAY 8
 Note: SEC 2 OFFERED FOR 1 CREDIT
 TITLE: THE SCIENCE OF ANGLING
 1083015 3 R 12:10-1:00
 MEETS: JAN 13-MAY 8
 Note: SEC 3 TOPIC: FOUNDERS OF NATURAL RESOURCE
 ECOLOGY

WATERSHED MANAGEMNT NREM 507 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 JUNIORS & SENIORS NEED THE PERMISSION OF INSTRUCTOR
 3857005 1 TR 9:30-10:50 SCHULTZ R
 T 3:10-6:00PM SCHULTZ R
 MEETS: JAN 13-MAY 8
 3857010 2 TR 9:30-10:50
 T 12:10-3:00
 MEETS: JAN 13-MAY 8

INTRO DNA TECHNIQS NREM 542A 1 CREDIT
 Satisfactory-Fail Only.
 3744005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTR PROTEIN TECHNQ NREM 542B 1 CREDIT
 Satisfactory-Fail Only.
 7042005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTRO CELL TECHNIQS NREM 542C 1 CREDIT
 Satisfactory-Fail Only.
 3777005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

ECOSYSTEM MANAGEMNT NREM 552 3 CREDITS
 Prereq: SENIOR CLASSIFICATION AND NREM 120
 OR EQUIVALENT
 Note: COURSE RESTRICTED TO GRADS ONLY
 1375005 1 MW 1:10-2:00 SCHULTE M
 F 11:00-2:00 SCHULTE M
 MEETS: JAN 13-MAY 8
 Note: Field trips & travel fee \$25.00

ADV DECSN RES ALLOC NREM 570 3 CREDITS
 Prereq: FOR 451 OR TWO COURSES IN ECONOMICS
 3757005 1 ARRANGED TYNDALL J
 MEETS: JAN 13-MAY 8

AGROFORESTRY SYSTMS NREM 571 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL SCIENCE
 AT 300 LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 4826005 1 TR 8:00-9:15 RUSSELL A
 MEETS: JAN 13-MAY 8

NAT RESOURCE POLICY NREM 585 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 8336005 1 MWF 10:00-10:50 ZIMMERMAN E
 MEETS: JAN 13-MAY 8

SPL TOPCS ANIML ECO NREM 590A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FORESTRY NREM 590B 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP NREM 593 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: Instructor permission required 1st week.
 1106005 1 ARRANGED
 MEETS: JAN 13-MAY 8

DOMESTIC TRAVEL NREM 596B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2606005 1 F 9:00-11:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1
 TOPIC: BIODIVERSITY CONSERVATION IN URBAN REGIONS
 TRAVEL MARCH 13-19- JACKSONVILLE, FL
 Instructor permission required.
 2606010 2 F 9:00-11:00
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

TEACHING PRACTICUM NREM 598 1 CREDIT
 Prereq: GRAD CLASSIFICATION AS M.S. CANDIDATE
 IN AN NREM MAJOR, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT NREM 599 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

SEMINAR NREM 600 1 CREDIT
 3827005 1 ARRANGED
 MEETS: JAN 13-MAY 8

TEACHING PRACTICUM NREM 698 1 CREDIT
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH NREM 699 1-12 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

NAVAL SCIENCE

SEAPOWR&MARITME AFF N S 212 3 CREDITS
 7303005 1 TR 9:30-10:50
 T 4:10-5:30
 R 4:10-5:30
 MEETS: JAN 13-MAY 8

NAVAL SCIENCE (CONTINUED)

NAVIGATION N S 230 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 5708005 1 TR 8:00-9:20
 T 4:10-5:30
 R 4:10-5:30
 MEETS: JAN 13-MAY 8

FUND MNEUVR WARFARE N S 240 3 CREDITS
 9516005 1 TR 10:00-11:20
 TR 4:10-5:30
 MEETS: JAN 13-MAY 8

NAVAL SHIP SYSTM II N S 330 3 CREDITS
 Prereq: PHYS 221, SOPHOMORE CLASSIFICATION
 5707005 1 MWF 9:00-9:50
 T 4:10-5:30
 R 4:10-5:30
 MEETS: JAN 13-MAY 8

LEADERSHIP & ETHICS N S 412 3 CREDITS
 Prereq: REQMTS FOR NROTC STUDENTS - N S 111,
 N S 212 OR HIST 389, N S 220, N S 230, N S 320,
 N S 330 AND N S 410
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING
 2019
 5560005 1 MWF 10:00-10:50
 TR 4:10-5:30
 MEETS: JAN 13-MAY 8

SENIOR N S SEMINAR N S 440 1 CREDIT
 Prereq: SENIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING
 2019
 Satisfactory-Fail Only.
 4061005 1 W 8:00-8:50
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY N S 490 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION AND PRIOR APPROVAL
 OF N S DEPARTMENT CHAIR, 6 CREDITS IN NAVAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF N S 490 MAY BE APPLIED
 TOWARD GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NEUROSCIENCE

NEUROSCI JOURNL CLB NEURO 690 1 CREDIT
 Prereq: NEURO 556
 8554005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

NUCLEAR ENGINEERING

NUCLEAR REACTR ENGR NUC E 402 3 CREDITS
 Prereq: NUC E 401, PERMISSION OF NUCLEAR
 ENGINEERING PROGRAM DIRECTOR
 7745005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

RAD PROTEC&SHIELDNG NUC E 405 3 CREDITS
 Prereq: NUC E 401, PERMISSION OF NUCLEAR
 ENGINEERING PROGRAM DIRECTOR
 7755005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

NURSING

BSN NURSING ORIENTN NRS 250 1 CREDIT
 Prereq: ADMISSION TO THE RN-BSN PROGRAM
 8959005 1 T 3:10-4:00
 MEETS: JAN 13-MAY 8

EVIDNC BASED PRACTC NRS 340 3 CREDITS
 Prereq: ADMISSION TO THE RN-BSN PROGRAM
 8977005 1 T 1:10-2:00, ARRANGED
 MEETS: JAN 13-MAY 8

CNTM ISS NURS&HLTHC NRS 360 2 CREDITS
 Prereq: ADMISSION TO THE RN-BSN PROGRAM
 Note: COURSE RESTRICTED TO NRS A, NRS H, PNRSA,
 PNRSH MAJORS ONLY
 8962005 1 T 1:10-2:00, ARRANGED
 MEETS: JAN 13-MAY 8

PROMO CULTR OF HLTH NRS 420 3 CREDITS
 Prereq: ADMISSION TO THE RN-BSN PROGRAM OR
 PERMISSION OF INSTRUCTOR
 8968005 1 T 10:00-10:50
 MEETS: JAN 13-MAY 8

NURSING (CONTINUED)

POP&CMUNTY HLTH NRS NRS 440 4 CREDITS
 Prereq: NRS 340, NRS 420
 Note: COURSE RESTRICTED TO NRS A, NRS H MAJORS
 ONLY
 Meets U.S. diversity reqmt
 8969005 1 T 9:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 8

NURS LEADRSHIP &MGT NRS 460 3 CREDITS
 Prereq: NRS 320, NRS 340
 Note: COURSE RESTRICTED TO NRS A, NRS H MAJORS ONLY.
 8970005 1 T 8:00-8:50, ARRANGED
 MEETS: JAN 13-MAY 8

CONCEPTS CAPSTONE NRS 470 3 CREDITS
 Prereq: NRS 440, NRS 460
 8974005 1 T 10:00-10:50
 ARRANGED
 MEETS: JAN 13-MAY 8

INDP STU:TRANSITION NRS 490 1- 2 CREDITS
 Note: COURSE RESTRICTED TO NRS A, NRS H, PNRSA, PNRSH
 MAJORS ONLY.
 8976005 1 ARRANGED
 MEETS: JAN 13-MAY 8

NUTRITIONAL SCIENCES

NON-RUMIN DIGESTIVE NUTRS 518 3 CREDITS
 Prereq: AN S 419 OR NUTRS 501
 8541005 1 ARRANGED
 MEETS: JAN 13-MAY 8

DIGESTV PHYSL RUMIN NUTRS 520 3 CREDITS
 Prereq: NUTRS 501 OR AN S 419
 3597005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTRO DNA TECHNIQS NUTRS 542A 1 CREDIT
 Satisfactory-Fail Only.
 8628005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTR PROTEIN TECHNQ NUTRS 542B 1 CREDIT
 Satisfactory-Fail Only.
 7114005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTRO CELL TECHNIQS NUTRS 542C 1 CREDIT
 Satisfactory-Fail Only.
 8633005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

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 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 OFFERED FOR 3 CREDITIS SPRING 2020.

NUTR ASPCTS ONCOLGY NUTRS 597 3 CREDITS
 Prereq: B.S. IN NUTRITION, DIETETICS, BIOLOGY,
 OR RELATED DISCIPLINE
 4229600 XV ARRANGED MACDONALD R
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW

VITAMINS & MINERALS NUTRS 618 2 CREDITS
 Prereq: BIOCHEMISTRY, PHYSIOLOGY, BASIC NUTRITION
 4278005 1 TR 10:00-10:50
 MEETS: JAN 13-MAY 8

SPECIAL PROBLEMS NUTRS 690 VAR. CREDITS
 6201005 1 ARRANGED
 MEETS: JAN 13-MAY 8

RESRCH NUTRITNL SCI NUTRS 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ORGANIZATION FOR TROPICAL STUDIES

ECO TROPICAL BIOLGY OTS 510 8 CREDITS
 7535005 1 ARRANGED
 MEETS: JAN 13-MAY 8

TOPICS TROPICL BIOL OTS 515 1- 8 CREDITS
 7544005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PERFORMING ARTS

ISSUES PERFORM ARTS PERF 105 R CREDIT
 Satisfactory-Fail Only.
 3673005 1 R 4:10-5:30
 MEETS: JAN 13-MAY 8

PERFORM ARTS INTERN PERF 310 R CREDIT
 Satisfactory-Fail Only.
 3677005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS
 5824005 1 MWF 12:10-1:00 TSOU J
 MEETS: JAN 13-MAY 8

5824010 2 TR 12:40-2:00 BIGGS S
 MEETS: JAN 13-MAY 8

5824015 3 TR 9:30-10:50 ALEXANDER D
 MEETS: JAN 13-MAY 8

5824020 4 MWF 10:00-10:50 TSOU J
 MEETS: JAN 13-MAY 8

5824025 5 MWF 8:00-8:50 WOLF C
 MEETS: JAN 13-MAY 8

5824030 6 MWF 9:00-9:50 MILLER D
 MEETS: JAN 13-MAY 8

5824035 7 MWF 12:10-1:00 MILLER D
 MEETS: JAN 13-MAY 8

INTR SYMBOLIC LOGIC PHIL 207 3 CREDITS
 5826005 1 TR 12:40-2:00 BUTLER A
 MEETS: JAN 13-MAY 8

MORAL THEOR&PRACTICE PHIL 230 3 CREDITS
 5827005 1 MWF 1:10-2:00 HOBSON K
 MEETS: JAN 13-MAY 8

Note: SEC 1 RESTRICTED TO COLLEGE OF BUSINESS MAJORS
 5827010 2 MWF 2:10-3:00 HOBSON K
 MEETS: JAN 13-MAY 8

Note: SEC 2 RESTRICTED TO COLLEGE OF BUSINESS MAJORS
 5827015 3 MWF 9:00-9:50 PADGETT-WALSH C
 MEETS: JAN 13-MAY 8

Note: SEC 3 RESTRICTED TO COLLEGE OF BUSINESS MAJORS
 5827020 4 TR 9:30-10:50 BUTLER T
 MEETS: JAN 13-MAY 8

Note: SEC 4 RESTRICTED TO COLLEGE OF BUSINESS MAJORS
 5827025 5 TR 11:00-12:20 BUTLER T
 MEETS: JAN 13-MAY 8

Note: SEC 5 RESTRICTED TO COLLEGE OF BUSINESS MAJORS
 5827030 6 TR 2:10-3:30 ZWIER K
 MEETS: JAN 13-MAY 8

5827035 7 MWF 10:00-10:50 PADGETT-WALSH C
 MEETS: JAN 13-MAY 8

Note: SEC 7 RESTRICTED TO COLLEGE OF BUSINESS MAJORS
 5827040 8 TR 12:40-2:00 ZWIER K
 MEETS: JAN 13-MAY 8

5827045 9 MWF 11:00-11:50 HOBSON K
 MEETS: JAN 13-MAY 8

Note: SEC 9 RESTRICTED TO COLLEGE OF BUSINESS MAJORS ONLY.
 5827050 10 TR 9:30-10:50 ZWIER K
 MEETS: JAN 13-MAY 8

5827055 11 TR 11:00-12:20 PADGETT-WALSH K
 MEETS: JAN 13-MAY 8

17TH CENTURY PHILOS PHIL 314 3 CREDITS
 Prereq: PHIL 201
 Note: Instructor permission required 1st week.
 5831005 1 TR 11:00-12:30 BUTLER A
 MEETS: JAN 13-MAY 8

20TH C ANGLO-AM PHI PHIL 318 3 CREDITS
 Prereq: 6 CR. IN PHILOSOPHY, INCLUDING PHIL 201
 1825005 1 T 3:40-6:00PM BIGGS S
 MEETS: JAN 13-MAY 8

MORAL PROB MEDICINE PHIL 331 3 CREDITS
 Prereq: PHIL 230 OR JUNIOR CLASSIFICATION
 5835005 1 TR 9:30-10:50 KUPFER J
 MEETS: JAN 13-MAY 8

5835010 2 TR 12:40-2:00 KUPFER J
 MEETS: JAN 13-MAY 8

BIOETHICS&BIOTECHNL PHIL 336 3 CREDITS
 Prereq: PHIL 201 OR PHIL 230 OR PHIL 235
 3142005 1 MWF 10:00-10:50 WOLF C
 MEETS: JAN 13-MAY 8

PHIL OF TECHNOLOGY PHIL 343 3 CREDITS
 Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
 AND 3 CREDITS OF SOCIAL SCIENCE
 7343005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

7343010 2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

7343015 3 MWF 2:10-3:00 TSOU J
 MEETS: JAN 13-MAY 8

PHILOSOPHY

(CONTINUED)

BUDDHIST PHILOSOPHY PHIL 353 3 CREDITS
 Prereq: PHIL 201 OR PHIL 230
 Note: Meets international perspectives reqmt
 9903005 1 MWF 11:00-11:50 HOLMGREN M
 MEETS: JAN 13-MAY 8

METAPHYSICS:MINDS&M PHIL 364 3 CREDITS
 Prereq: 6 CR. IN PHILOSOPHY, INCLUDING PHIL 201
 8110005 1 MWF 1:10-2:00 GEIRSSON H
 MEETS: JAN 13-MAY 8

VALUE THEORY PHIL 430 3 CREDITS
 Prereq: PHIL 230
 5842005 1 TR 2:10-3:30 PADGETT-WALSH K
 MEETS: JAN 13-MAY 8

TOPICS EPISTEMOLOGY PHIL 466 3 CREDITS
 Prereq: 6 CR IN PHILOSOPHY
 Note: Instructor permission required 1st week.
 5844005 1 TR 12:40-2:00 ALEXANDER D
 MEETS: JAN 13-MAY 8

PHILOSOPH OF PHYSICS PHIL 485 3 CREDITS
 Prereq: 3 CREDITS IN PHILOSOPHY OR PHYSICS
 8048005 1 MW 3:10-4:30
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY PHIL 490 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTRUCTOR; APPROVAL OF CHAIR
 Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHIL 490H 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTR, APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATING SR SURVEY PHIL 492 R CREDIT
 Satisfactory-Fail Only.
 3891005 1 ARRANGED BUTLER A
 MEETS: JAN 13-MAY 8

SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5850005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5851005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP VALUE THRY PHIL 590C 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 Note: Instructor permission required.
 5852005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5853005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PHYSICS

INTRO PHYSICS PREP PHYS 50 0 CREDITS
 Prereq: 1 YEAR HIGH SCHOOL ALGEBRA
 1282005 1 TR 3:40-5:00 ATWOOD D
 WF 4:10-5:00
 MEETS: MARCH 9-MAY 8

1282010 2 TR 11:00-12:20 ATWOOD D
 MEETS: JAN 13-MAY 8

PHYS FOR NON-SCIEN'T PHYS 101 3 CREDITS
 5855005 1 TR 12:40-2:00 WANG J
 MEETS: JAN 13-MAY 8

GENERAL PHYSICS PHYS 111 5 CREDITS
 Prereq: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

5857005 1 TR 9:30-10:50 PRELL S
 F 8:00-8:50
 MEETS: JAN 13-MAY 8

5857010 2 TR 9:30-10:50 PRELL S
 F 9:00-9:50
 MEETS: JAN 13-MAY 8

5857015 3 TR 9:30-10:50 PRELL S
 F 10:00-10:50
 MEETS: JAN 13-MAY 8

5857020 4 TR 9:30-10:50 PRELL S
 F 11:00-11:50
 MEETS: JAN 13-MAY 8

PHYSICS

(CONTINUED)

PHYSICS

(CONTINUED)

GENERAL PHYSICS		PHYS 111	5 CREDITS
5857025	5	TR 9:30-10:50 F 12:10-1:00 MEETS: JAN 13-MAY 8	PRELL S
5857030	6	TR 9:30-10:50 F 1:10-2:00 MEETS: JAN 13-MAY 8	PRELL S
5857035	7	TR 9:30-10:50 F 2:10-3:00 MEETS: JAN 13-MAY 8	PRELL S
5857040	8	TR 9:30-10:50 F 3:10-4:00 MEETS: JAN 13-MAY 8	
5857045	9	TR 9:30-10:50 F 4:10-5:00 MEETS: JAN 13-MAY 8	
5857041	10	TR 11:00-12:20 F 9:00-9:50 MEETS: JAN 13-MAY 8	PRELL S
5857046	11	TR 11:00-12:20 F 10:00-10:50 MEETS: JAN 13-MAY 8	PRELL S
5857047	12	TR 11:00-12:20 F 11:00-11:50 MEETS: JAN 13-MAY 8	PRELL S
5857048	13	TR 11:00-12:20 F 12:10-1:00 MEETS: JAN 13-MAY 8	PRELL S
5857049	14	TR 11:00-12:20 F 1:10-2:00 MEETS: JAN 13-MAY 8	
5857050	15	TR 11:00-12:20 F 2:10-3:00 MEETS: JAN 13-MAY 8	
5857051	16	TR 11:00-12:20 F 3:10-4:00 MEETS: JAN 13-MAY 8	
5857052	17	TR 11:00-12:20 F 4:10-5:00 MEETS: JAN 13-MAY 8	
5857054	A	M 8:00-9:50 MEETS: JAN 13-MAY 8	
5857055	B	M 10:00-11:50 MEETS: JAN 13-MAY 8	
5857060	C	M 12:10-2:00 MEETS: JAN 13-MAY 8	
5857065	D	M 2:10-4:00 MEETS: JAN 13-MAY 8	
5857070	E	M 4:10-6:00PM MEETS: JAN 13-MAY 8	
5857075	F	T 9:00-10:50 MEETS: JAN 13-MAY 8	
5857080	G	T 12:10-2:00 MEETS: JAN 13-MAY 8	
5857085	H	T 2:10-4:00 MEETS: JAN 13-MAY 8	
5857090	J	T 4:10-6:00PM MEETS: JAN 13-MAY 8	
5857095	K	W 8:00-9:50 MEETS: JAN 13-MAY 8	
5857100	L	W 10:00-11:50 MEETS: JAN 13-MAY 8	
5857084	M	W 12:10-2:00 MEETS: JAN 13-MAY 8	
5857105	N	W 2:10-4:00 MEETS: JAN 13-MAY 8	
5857110	P	W 4:10-6:00PM MEETS: JAN 13-MAY 8	
5857115	Q	R 9:00-10:50 MEETS: JAN 13-MAY 8	
5857120	R	R 12:10-2:00 MEETS: JAN 13-MAY 8	
5857125	T	R 2:10-4:00 MEETS: JAN 13-MAY 8	
5857130	U	R 4:10-6:00PM MEETS: JAN 13-MAY 8	
5857135	V	R 6:10-8:00PM MEETS: JAN 13-MAY 8	
5857140	Y	W 6:10-8:00PM MEETS: JAN 13-MAY 8	
5857145	Z	M 6:10-8:00PM MEETS: JAN 13-MAY 8	
5857300	LW	ARRANGED MEETS: JAN 13-MAY 8	HERRERA-SIKLODY

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 CANVAS 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 SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.			
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams .			
5858005	1	MWF 12:10-1:00 R 8:00-8:50 MEETS: JAN 13-MAY 8	
5858010	2	MWF 12:10-1:00 R 9:00-9:50 MEETS: JAN 13-MAY 8	FRETWELL H

GENERAL PHYSICS		PHYS 112	5 CREDITS
5858015	3	MWF 12:10-1:00 R 10:00-10:50 MEETS: JAN 13-MAY 8	FRETWELL H
5858020	4	MWF 12:10-1:00 R 11:00-11:50 MEETS: JAN 13-MAY 8	FRETWELL H
5858025	5	MWF 12:10-1:00 R 12:10-1:00 MEETS: JAN 13-MAY 8	FRETWELL H
5858030	6	MWF 12:10-1:00 R 1:10-2:00 MEETS: JAN 13-MAY 8	FRETWELL H
5858035	7	MWF 12:10-1:00 R 2:10-3:00 MEETS: JAN 13-MAY 8	FRETWELL H
5858038	8	MWF 12:10-1:00 R 3:10-4:00 MEETS: JAN 13-MAY 8	FRETWELL H
5858039	9	MWF 12:10-1:00 R 4:10-5:00 MEETS: JAN 13-MAY 8	
5858042	A	T 8:00-9:50 MEETS: JAN 13-MAY 8	
5858045	B	T 10:00-11:50 MEETS: JAN 13-MAY 8	
5858050	C	T 12:10-2:00 MEETS: JAN 13-MAY 8	
5858055	D	T 2:10-4:00 MEETS: JAN 13-MAY 8	
5858060	E	T 4:10-6:00PM MEETS: JAN 13-MAY 8	
5858065	F	W 8:00-9:50 MEETS: JAN 13-MAY 8	
5858070	G	W 10:00-11:50 MEETS: JAN 13-MAY 8	
5858075	H	W 2:10-4:00 MEETS: JAN 13-MAY 8	
5858080	J	W 4:10-6:00PM MEETS: JAN 13-MAY 8	
5858085	K	T 6:10-8:00PM MEETS: JAN 13-MAY 8	
5858090	L	W 6:10-8:00PM MEETS: JAN 13-MAY 8	
5858095	M	R 8:00-9:50 MEETS: JAN 13-MAY 8	
5858500	LW	ARRANGED MEETS: JAN 13-MAY 8	HERRERA-SIKLODY

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 13-MAY 8	TRINGIDES M
9212010	2	TR 2:10-3:30 W 9:00-9:50 MEETS: JAN 13-MAY 8	TRINGIDES M
9212015	3	TR 2:10-3:30 W 10:00-10:50 MEETS: JAN 13-MAY 8	TRINGIDES M
9212020	4	TR 2:10-3:30 W 11:00-11:50 MEETS: JAN 13-MAY 8	TRINGIDES M
9212025	5	TR 2:10-3:30 W 12:10-1:00 MEETS: JAN 13-MAY 8	TRINGIDES M
9212030	6	TR 2:10-3:30 W 1:10-2:00 MEETS: JAN 13-MAY 8	TRINGIDES M
9212035	7	TR 2:10-3:30 W 2:10-3:00 MEETS: JAN 13-MAY 8	
9212040	8	TR 2:10-3:30 W 3:10-4:00 MEETS: JAN 13-MAY 8	

LAB PHYS FOR LF SCI		PHYS 115L	1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN PHYS 115			
9252005	1	R 10:00-11:50 MEETS: JAN 13-MAY 8	HERRERA-SIKLODY
9252010	2	R 12:10-2:00 MEETS: JAN 13-MAY 8	HERRERA-SIKLODY
9252015	3	R 3:40-5:30 MEETS: JAN 13-MAY 8	HERRERA-SIKLODY
9252020	4	F 8:00-9:50 MEETS: JAN 13-MAY 8	
9252025	5	F 10:00-11:50 MEETS: JAN 13-MAY 8	HERRERA-SIKLODY
9252030	6	F 12:10-2:00 MEETS: JAN 13-MAY 8	

PHYSICS

(CONTINUED)

INTR	CLASSCL	PHYS I	PHYS 221	5 CREDITS
				ADHIKARI L
Prereq: CREDIT OR ENROLLMENT IN MATH 166				
Note: 2-PART COURSE. ALL STUDENTS MUST REGISTER FOR NUMBERED SEC (LECTURE/DICUSSION) AND LETTERED SEC. (LAB). STUDENTS WHO ARE REPEATING PHYS 211 SHOULD REGISTER FOR THE LW (LAB WAIVER) SECTION.				
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams .				
5861005	1	MWF 8:00-8:50		ADHIKARI L
		TR 8:00-8:50		
		MEETS: JAN 13-MAY 8		
5861010	2	MWF 8:00-8:50		ADHIKARI L
		TR 9:00-9:50		
		MEETS: JAN 13-MAY 8		
Note: SEC 2 RESTRICTED TO PHYSICS MAJORS ONLY				
5861015	3	MWF 8:00-8:50		ADHIKARI L
		TR 10:00-10:50		
		MEETS: JAN 13-MAY 8		
5861020	4	MWF 8:00-8:50		ADHIKARI L
		TR 11:00-11:50		
		MEETS: JAN 13-MAY 8		
5861025	5	MWF 8:00-8:50		ADHIKARI L
		TR 12:10-1:00		
		MEETS: JAN 13-MAY 8		
5861030	6	MWF 8:00-8:50		ADHIKARI L
		TR 1:10-2:00		
		MEETS: JAN 13-MAY 8		
5861035	7	MWF 8:00-8:50		ADHIKARI L
		TR 2:10-3:00		
		MEETS: JAN 13-MAY 8		
5861040	8	MWF 8:00-8:50		ADHIKARI L
		TR 3:10-4:00		
		MEETS: JAN 13-MAY 8		
5861045	9	MWF 8:00-8:50		ADHIKARI L
		TR 4:10-5:00		
		MEETS: JAN 13-MAY 8		
5861050	10	MWF 9:00-9:50		ADHIKARI L
		TR 8:00-8:50		
		MEETS: JAN 13-MAY 8		
5861055	11	MWF 9:00-9:50		ADHIKARI L
		TR 9:00-9:50		
		MEETS: JAN 13-MAY 8		
5861060	12	MWF 9:00-9:50		ADHIKARI L
		TR 10:00-10:50		
		MEETS: JAN 13-MAY 8		
5861065	13	MWF 9:00-9:50		ADHIKARI L
		TR 11:00-11:50		
		MEETS: JAN 13-MAY 8		
Note: SEC 13 RESTRICTED TO PHYSICS MAJORS ONLY				
5861070	14	MWF 9:00-9:50		ADHIKARI L
		TR 12:10-1:00		
		MEETS: JAN 13-MAY 8		
5861075	15	MWF 9:00-9:50		ADHIKARI L
		TR 1:10-2:00		
		MEETS: JAN 13-MAY 8		
5861080	16	MWF 9:00-9:50		ADHIKARI L
		TR 2:10-3:00		
		MEETS: JAN 13-MAY 8		
5861085	17	MWF 9:00-9:50		ADHIKARI L
		TR 3:10-4:00		
		MEETS: JAN 13-MAY 8		
5861087	18	MWF 9:00-9:50		ADHIKARI L
		TR 4:10-5:00		
		MEETS: JAN 13-MAY 8		
5861088	19	MWF 10:00-10:50		ADHIKARI L
		TR 8:00-8:50		
		MEETS: JAN 13-MAY 8		
5861090	20	MWF 10:00-10:50		ADHIKARI L
		TR 9:00-9:50		
		MEETS: JAN 13-MAY 8		
5861095	21	MWF 10:00-10:50		ADHIKARI L
		TR 10:00-10:50		
		MEETS: JAN 13-MAY 8		
5861100	22	MWF 10:00-10:50		ADHIKARI L
		TR 11:00-11:50		
		MEETS: JAN 13-MAY 8		
5861105	23	MWF 10:00-10:50		ADHIKARI L
		TR 12:10-1:00		
		MEETS: JAN 13-MAY 8		
5861110	24	MWF 10:00-10:50		ADHIKARI L
		TR 1:10-2:00		
		MEETS: JAN 13-MAY 8		
Note: SEC 24 RESTRICTED TO PHYSICS MAJORS ONLY				
5861115	25	MWF 10:00-10:50		ADHIKARI L
		TR 2:10-3:00		
		MEETS: JAN 13-MAY 8		
5861120	26	MWF 10:00-10:50		ADHIKARI L
		TR 3:10-4:00		
		MEETS: JAN 13-MAY 8		
5861125	27	MWF 10:00-10:50		ADHIKARI L
		TR 4:10-5:00		
		MEETS: JAN 13-MAY 8		
5861130	28	MWF 3:10-4:00		ADHIKARI L
		TR 8:00-8:50		
		MEETS: JAN 13-MAY 8		
5861135	29	MWF 3:10-4:00		ADHIKARI L
		TR 9:00-9:50		
		MEETS: JAN 13-MAY 8		
5861140	30	MWF 3:10-4:00		ADHIKARI L
		TR 10:00-10:50		
		MEETS: JAN 13-MAY 8		
Note: SEC 30 RESTRICTED TO PHYSICS MAJORS ONLY				
5861145	31	MWF 3:10-4:00		ADHIKARI L
		TR 11:00-11:50		
		MEETS: JAN 13-MAY 8		

PHYSICS

(CONTINUED)

INTR	CLASSCL	PHYS I	PHYS 221	5 CREDITS
5861150	32	MWF 3:10-4:00		ADHIKARI L
		TR 12:10-1:00		
		MEETS: JAN 13-MAY 8		
5861155	33	MWF 3:10-4:00		ADHIKARI L
		TR 1:10-2:00		
		MEETS: JAN 13-MAY 8		
5861160	34	MWF 3:10-4:00		ADHIKARI L
		TR 2:10-3:00		
		MEETS: JAN 13-MAY 8		
5861165	35	MWF 3:10-4:00		ADHIKARI L
		TR 3:10-4:00		
		MEETS: JAN 13-MAY 8		
5861170	36	MWF 3:10-4:00		ADHIKARI L
		TR 4:10-5:00		
		MEETS: JAN 13-MAY 8		
5861175	37	MWF 3:10-4:00		ADHIKARI L
		TR 5:10-6:00PM		
		MEETS: JAN 13-MAY 8		
5861180	38	MWF 11:00-11:50		ADHIKARI L
		TR 8:00-8:50		
		MEETS: JAN 13-MAY 8		
5861185	39	MWF 11:00-11:50		ADHIKARI L
		TR 9:00-9:50		
		MEETS: JAN 13-MAY 8		
5861190	40	MWF 11:00-11:50		ADHIKARI L
		TR 10:00-10:50		
		MEETS: JAN 13-MAY 8		
5861195	41	MWF 11:00-11:50		ADHIKARI L
		TR 11:00-11:50		
		MEETS: JAN 13-MAY 8		
5861500	42	MWF 11:00-11:50		ADHIKARI L
		TR 12:10-1:00		
		MEETS: JAN 13-MAY 8		
Note: SEC 42 RESTRICTED TO PHYSICS MAJORS ONLY				
5861505	43	MWF 11:00-11:50		ADHIKARI L
		TR 1:10-2:00		
		MEETS: JAN 13-MAY 8		
5861510	44	MWF 11:00-11:50		ADHIKARI L
		TR 2:10-3:00		
		MEETS: JAN 13-MAY 8		
5861515	45	MWF 11:00-11:50		ADHIKARI L
		TR 3:10-4:00		
		MEETS: JAN 13-MAY 8		
5861520	46	MWF 11:00-11:50		ADHIKARI L
		TR 4:10-5:00		
		MEETS: JAN 13-MAY 8		
5861525	47	MWF 11:00-11:50		ADHIKARI L
		TR 5:10-6:00PM		
		MEETS: JAN 13-MAY 8		
5861550	51	MWF 4:10-5:00		ADHIKARI L
		TR 8:00-8:50		
		MEETS: JAN 13-MAY 8		
5861555	52	MWF 4:10-5:00		ADHIKARI L
		TR 9:00-9:50		
		MEETS: JAN 13-MAY 8		
5861560	53	MWF 4:10-5:00		ADHIKARI L
		TR 11:00-11:50		
		MEETS: JAN 13-MAY 8		
5861565	54	MWF 4:10-5:00		ADHIKARI L
		TR 12:10-1:00		
		MEETS: JAN 13-MAY 8		
5861570	55	MWF 4:10-5:00		ADHIKARI L
		TR 1:10-2:00		
		MEETS: JAN 13-MAY 8		
5861575	56	MWF 4:10-5:00		ADHIKARI L
		TR 2:10-3:00		
		MEETS: JAN 13-MAY 8		
5861580	57	MWF 4:10-5:00		ADHIKARI L
		TR 3:10-4:00		
		MEETS: JAN 13-MAY 8		
5861588	58	MWF 4:10-5:00		ADHIKARI L
		TR 4:10-5:00		
		MEETS: JAN 13-MAY 8		
5861589	59	MWF 4:10-5:00		ADHIKARI L
		TR 2:10-3:00		
		MEETS: JAN 13-MAY 8		
5861200	A	M 8:00-9:50		ADHIKARI L
		MEETS: JAN 13-MAY 8		
5861205	B	M 10:00-11:50		ADHIKARI L
		MEETS: JAN 13-MAY 8		
5861210	C	M 12:10-2:00		ADHIKARI L
		MEETS: JAN 13-MAY 8		
5861215	D	M 2:10-4:00		ADHIKARI L
		MEETS: JAN 13-MAY 8		
5861220	E	M 4:10-6:00PM		ADHIKARI L
		MEETS: JAN 13-MAY 8		
5861225	F	T 8:00-9:50		ADHIKARI L
		MEETS: JAN 13-MAY 8		
5861230	G	T 10:00-11:50		ADHIKARI L
		MEETS: JAN 13-MAY 8		
Note: SEC G RESTRICTED TO PHYSICS MAJORS ONLY				
5861235	J	T 12:10-2:00		ADHIKARI L
		MEETS: JAN 13-MAY 8		
5861240	K	T 2:10-4:00		ADHIKARI L
		MEETS: JAN 13-MAY 8		
Note: SEC K RESTRICTED TO PHYSICS MAJORS ONLY				
5861245	L	T 4:10-6:00PM		ADHIKARI L
		MEETS: JAN 13-MAY 8		
5861250	M	W 8:00-9:50		ADHIKARI L
		MEETS: JAN 13-MAY 8		
5861255	N	W 10:00-11:50		ADHIKARI L
		MEETS: JAN 13-MAY 8		
Note: SEC N RESTRICTED TO PHYSICS MAJORS ONLY				
5861260	P	W 12:10-2:00		ADHIKARI L
		MEETS: JAN 13-MAY 8		

PHYSICS

(CONTINUED)

INTR CLASSCL	PHYS I	PHYS 221	5 CREDITS
5861265	Q	W 2:10-4:00	
		MEETS: JAN 13-MAY 8	
5861270	R	W 4:10-6:00PM	
		MEETS: JAN 13-MAY 8	
5861275	T	W 8:00-9:50	
		MEETS: JAN 13-MAY 8	
5861280	U	W 10:00-11:50	
		MEETS: JAN 13-MAY 8	
5861285	V	W 12:10-2:00	
		MEETS: JAN 13-MAY 8	
5861305	Y	T 8:00-9:50	
		MEETS: JAN 13-MAY 8	
5861310	Z	W 4:10-6:00PM	
		MEETS: JAN 13-MAY 8	
5861315	AA	T 12:10-2:00	
		MEETS: JAN 13-MAY 8	
5861320	AB	T 2:10-4:00	
		MEETS: JAN 13-MAY 8	
5861325	AC	T 4:10-6:00PM	
		MEETS: JAN 13-MAY 8	
5861440	AE	T 8:00-9:50	
		MEETS: JAN 13-MAY 8	
5861445	AF	T 10:00-11:50	
		MEETS: JAN 13-MAY 8	
Note: SEC AF RESTRICTED TO PHYS MAJORS ONLY			
5861600	AG	T 12:10-2:00	
		MEETS: JAN 13-MAY 8	
5861605	AH	T 2:10-4:00	
		MEETS: JAN 13-MAY 8	
Note: SEC AH RESTRICTED TO PHYS MAJORS ONLY			
5861610	AJ	T 4:10-6:00PM	
		MEETS: JAN 13-MAY 8	
5861622	AK	M 6:10-8:00PM	
		MEETS: JAN 13-MAY 8	
5861615	AL	T 6:10-8:00PM	
		MEETS: JAN 13-MAY 8	
5861618	AM	T 6:10-8:00PM	
		MEETS: JAN 13-MAY 8	
5861616	AN	T 6:10-8:00PM	
		MEETS: JAN 13-MAY 8	
5861619	AP	W 6:10-8:00PM	
		MEETS: JAN 13-MAY 8	
5861621	AQ	W 6:10-8:00PM	
		MEETS: JAN 13-MAY 8	
5861617	AR	W 6:10-8:00PM	
		MEETS: JAN 13-MAY 8	
5861330	AU	R 8:00-9:50	
		MEETS: JAN 13-MAY 8	
Note: SEC AU DO NOT ENROLL IN A TUES/THURS DIS. THAT MEETS AT THE SAME TIME AS THE THURS. LAB			
5861335	AV	R 10:00-11:50	
		MEETS: JAN 13-MAY 8	
Note: SEC AV DO NOT ENROLL IN A TUES/THURS DIS. THAT MEETS AT THE SAME TIME AS THE THURS. LAB			
5861340	AX	R 12:10-2:00	
		MEETS: JAN 13-MAY 8	
Note: SEC AX DO NOT ENROLL IN A TUES/THURS DIS. THAT MEETS AT THE SAME TIME AS THE THURS. LAB			
5861345	AY	R 2:10-4:00	
		MEETS: JAN 13-MAY 8	
Note: SEC AY DO NOT ENROLL IN A TUES/THURS DIS. THAT MEETS AT THE SAME TIME AS THE THURS. LAB			
5861350	AZ	R 4:10-6:00PM	
		MEETS: JAN 13-MAY 8	
Note: SEC AZ DO NOT ENROLL IN A TUES/THURS DIS. THAT MEETS AT THE SAME TIME AS THE THURS. LAB			
5861360	BA	F 8:00-9:50	
		MEETS: JAN 13-MAY 8	
5861365	BB	F 10:00-11:50	
		MEETS: JAN 13-MAY 8	
5861370	BC	F 12:10-2:00	
		MEETS: JAN 13-MAY 8	
5861375	BD	F 2:10-4:00	
		MEETS: JAN 13-MAY 8	
5861380	BE	F 4:10-6:00PM	
		MEETS: JAN 13-MAY 8	
5861385	BF	F 8:00-9:50	
		MEETS: JAN 13-MAY 8	
5861390	BG	F 10:00-11:50	
		MEETS: JAN 13-MAY 8	
5861395	BH	F 12:10-2:00	
		MEETS: JAN 13-MAY 8	
5861400	BJ	F 2:10-4:00	
		MEETS: JAN 13-MAY 8	
5861405	BK	F 4:10-6:00PM	
		MEETS: JAN 13-MAY 8	
5861410	BL	W 8:00-9:50	
		MEETS: JAN 13-MAY 8	
5861415	BM	W 10:00-11:50	
		MEETS: JAN 13-MAY 8	
5861420	BN	T 10:00-11:50	
		MEETS: JAN 13-MAY 8	
5861430	BP	W 12:10-2:00	
		MEETS: JAN 13-MAY 8	
5861435	BQ	W 2:10-4:00	
		MEETS: JAN 13-MAY 8	
5861290	BR	W 2:10-4:00	
		MEETS: JAN 13-MAY 8	
5861425	BS	W 4:10-6:00PM	
		MEETS: JAN 13-MAY 8	
5861355	LW	ARRANGED	HERRERA-SIKLODY
		MEETS: JAN 13-MAY 8	
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 CANVAS			

PHYSICS

(CONTINUED)

INTR CLASSCL	PHYS I	PHYS 221	5 CREDITS
IN THE 1ST WEEK OF CLASSES			
HONORS-CLASSIC PH I PHYS 221H 5 CREDITS			
Prereq: PROFICIENCY IN ALGEBRA, TRIGONOMETRY, VECTOR MANIPULATION, AND TOPICS COVERED IN MATH 165. CREDIT OR ENROLLMENT IN MATH 166.			
Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION. RESTRICTED TO UNIV. HONORS STUDENTS ONLY.			
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams .			
5862005	H1	MWF 8:00-8:50	ADHIKARI L
		TR 9:00-9:50	
		MEETS: JAN 13-MAY 8	
5862010	H2	MWF 9:00-9:50	ADHIKARI L
		TR 11:00-11:50	
		MEETS: JAN 13-MAY 8	
5862015	H3	MWF 10:00-10:50	ADHIKARI L
		TR 1:10-2:00	
		MEETS: JAN 13-MAY 8	
5862020	H4	MWF 3:10-4:00	ADHIKARI L
		TR 10:00-10:50	
		MEETS: JAN 13-MAY 8	
5862025	H5	MWF 11:00-11:50	ADHIKARI L
		TR 12:10-1:00	
		MEETS: JAN 13-MAY 8	
5862050	HA	T 2:10-4:00	
		MEETS: JAN 13-MAY 8	
5862055	HB	W 10:00-11:50	
		MEETS: JAN 13-MAY 8	
5862060	HC	T 10:00-11:50	
		MEETS: JAN 13-MAY 8	
5862065	HD	T 10:00-11:50	
		MEETS: JAN 13-MAY 8	
5862070	HE	T 2:10-4:00	
		MEETS: JAN 13-MAY 8	
5862075	HF	T 4:10-6:00PM	
		MEETS: JAN 13-MAY 8	
INTR CLASSC PHYS II PHYS 222 5 CREDITS			
Prereq: PHYS 221 OR PHYS 241, MATH 166			
Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP. STUDENTS ENROLLED PREVIOUSLY IN PHYS 222 MUST REGISTER FOR LAB SECTION LW.			
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams .			
5863005	1	MWF 1:10-2:00	
		T 8:00-8:50	
		MEETS: JAN 13-MAY 8	
5863010	2	MWF 1:10-2:00	SHINAR J
		T 9:00-9:50	
		MEETS: JAN 13-MAY 8	
5863015	3	MWF 1:10-2:00	SHINAR J
		T 10:00-10:50	
		MEETS: JAN 13-MAY 8	
5863020	4	MWF 1:10-2:00	
		T 11:00-11:50	
		MEETS: JAN 13-MAY 8	
5863025	5	MWF 1:10-2:00	
		T 12:10-1:00	
		MEETS: JAN 13-MAY 8	
5863030	6	MWF 1:10-2:00	
		T 1:10-2:00	
		MEETS: JAN 13-MAY 8	
5863035	7	MWF 1:10-2:00	SHINAR J
		T 2:10-3:00	
		MEETS: JAN 13-MAY 8	
5863036	8	MWF 1:10-2:00	SHINAR J
		T 3:10-4:00	
		MEETS: JAN 13-MAY 8	
5863037	9	MWF 1:10-2:00	
		T 4:10-5:00	
		MEETS: JAN 13-MAY 8	
5863040	10	MWF 2:10-3:00	
		T 8:00-8:50	
		MEETS: JAN 13-MAY 8	
5863045	11	MWF 2:10-3:00	
		T 9:00-9:50	
		MEETS: JAN 13-MAY 8	
5863050	12	MWF 2:10-3:00	
		T 10:00-10:50	
		MEETS: JAN 13-MAY 8	
5863055	13	MWF 2:10-3:00	SHINAR J
		T 11:00-11:50	
		MEETS: JAN 13-MAY 8	
5863060	14	MWF 2:10-3:00	SHINAR J
		T 12:10-1:00	
		MEETS: JAN 13-MAY 8	
5863065	15	MWF 2:10-3:00	
		T 1:10-2:00	
		MEETS: JAN 13-MAY 8	
5863090	16	MWF 2:10-3:00	
		T 2:10-3:00	
		MEETS: JAN 13-MAY 8	
5863095	17	MWF 2:10-3:00	SHINAR J
		T 3:10-4:00	
		MEETS: JAN 13-MAY 8	
Note: SEC 17 RESTRICTED TO PHYSICS MAJORS ONLY			

PHYSICS

(CONTINUED)

INTR CLASSC	PHYS II	PHYS 222	5 CREDITS
5863100	18	MWF 2:10-3:00 T 4:10-5:00 MEETS: JAN 13-MAY 8	
5863200	A	T 8:00-9:50 MEETS: JAN 13-MAY 8	
5863205	B	T 10:00-11:50 MEETS: JAN 13-MAY 8	
5863215	C	T 12:10-2:00 MEETS: JAN 13-MAY 8	
5863220	D	T 2:10-4:00 MEETS: JAN 13-MAY 8	
5863225	E	T 4:10-6:00PM MEETS: JAN 13-MAY 8	
5863230	F	W 8:00-9:50 MEETS: JAN 13-MAY 8	
5863235	G	W 10:00-11:50 MEETS: JAN 13-MAY 8	
5863240	J	W 12:10-2:00 MEETS: JAN 13-MAY 8	
5863245	K	W 2:10-4:00 MEETS: JAN 13-MAY 8	
5863250	L	W 4:10-6:00PM MEETS: JAN 13-MAY 8	
5863255	M	R 8:00-9:50 MEETS: JAN 13-MAY 8	
5863260	N	R 10:00-11:50 MEETS: JAN 13-MAY 8	
5863265	P	R 12:10-2:00 MEETS: JAN 13-MAY 8	
5863270	Q	R 2:10-4:00 MEETS: JAN 13-MAY 8	
Note: SEC Q RESTRICTED TO PHYSICS MAJORS ONLY			
5863275	R	R 2:10-4:00 MEETS: JAN 13-MAY 8	
5863280	T	F 8:00-9:50 MEETS: JAN 13-MAY 8	
5863285	U	F 10:00-11:50 MEETS: JAN 13-MAY 8	
5863345	LW	ARRANGED MEETS: JAN 13-MAY 8	HERRERA-SIKLODY
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 CANVAS 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 SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION. RESTRICTED TO UNIV. HONORS STUDENTS ONLY.			
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams .			
5864005	H1	MWF 2:10-3:00 T 3:10-4:00 MEETS: JAN 13-MAY 8	SHINAR J
5864050	HA	R 2:10-4:00 MEETS: JAN 13-MAY 8	
PRIN&SYMM CLS PH II PHYS 242 5 CREDITS			
Prereq: PHYS 221 OR PHYS 241, CREDIT OR ENROLLMENT IN MATH 166			
6011005	1	MWF 11:00-11:50 T 11:00-11:50 MEETS: JAN 13-MAY 8	HAUPTMAN J
6011010	2	MWF 11:00-11:50 T 1:10-2:00 MEETS: JAN 13-MAY 8	HAUPTMAN J
6011050	A	R 4:10-6:00PM MEETS: JAN 13-MAY 8	
6011055	B	F 12:10-2:00 MEETS: JAN 13-MAY 8	
6011060	C	F 2:10-4:00 MEETS: JAN 13-MAY 8	
PRIN&SYMM CLS PH II PHYS 242H 5 CREDITS			
Prereq: PHYS 221 OR PHYS 241, CREDIT OR ENROLLMENT IN MATH 166; MEMBERSHIP IN UNIVERSITY HONORS PROGRAM			
9405005	1	MWF 11:00-11:50 T 11:00-11:50 MEETS: JAN 13-MAY 8	HAUPTMAN J
9405010	2	MWF 11:00-11:50 T 1:10-2:00 MEETS: JAN 13-MAY 8	HAUPTMAN J
9405050	A	R 4:10-6:00PM MEETS: JAN 13-MAY 8	
9405055	B	F 12:10-2:00 MEETS: JAN 13-MAY 8	
9405060	C	F 2:10-4:00 MEETS: JAN 13-MAY 8	

PHYSICS

(CONTINUED)

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	1	MWF 2:10-3:00 MEETS: JAN 13-MAY 8	ROSATI M
THERMAL PHYSICS	PHYS 304	3 CREDITS	
Prereq: PHYS 222 OR PHYS 242, MATH 266 OR MATH 267			
5870005	1	TR 2:10-3:30 MEETS: JAN 13-MAY 8	MCQUEENEY R
INTERMEDIATE LAB	PHYS 311	1- 2 CREDITS	
Prereq: PHYS 322			
5872005	1	MW 3:10-6:00PM MEETS: JAN 13-MAY 8	COCHRAN J
5872010	2	TR 3:10-6:00PM MEETS: JAN 13-MAY 8	
INTMED LAB FOR TCHR	PHYS 311T	3 CREDITS	
Prereq: PHYS 112 OR PHYS 222 OR PHYS 242			
5873005	1	R 6:10-8:00PM ARRANGED MEETS: JAN 13-MAY 8	BOMAN J BOMAN J
INTR MODERN PHYS II	PHYS 322	3 CREDITS	
Prereq: PHYS 321			
5876005	1	TR 9:30-10:50 MEETS: JAN 13-MAY 8	KAMINSKI A
INTR MOD PHY LAB II	PHYS 322L	1 CREDIT	
Prereq: CREDIT OR ENROLLMENT IN PHYS 322			
5877005	1	M 2:10-4:00 MEETS: JAN 13-MAY 8	FEI Z
5877010	2	T 2:10-4:00 MEETS: JAN 13-MAY 8	FEI Z
5877015	3	W 2:10-4:00 MEETS: JAN 13-MAY 8	FEI Z
5877020	4	R 2:10-4:00 MEETS: JAN 13-MAY 8	
5877025	5	T 4:10-6:00PM MEETS: JAN 13-MAY 8	
5877030	6	W 4:10-6:00PM MEETS: JAN 13-MAY 8	
CLASSICAL MECHANICS	PHYS 361	3 CREDITS	
Prereq: PHYS 222 OR PHYS 242, MATH 265, CREDIT OR ENROLLMENT IN MATH 266 OR MATH 267			
5880005	1	TR 12:40-2:00 MEETS: JAN 13-MAY 8	WANG X
ELECT& MAGNETISM II	PHYS 365	3 CREDITS	
Prereq: PHYS 364, MATH 385			
5883005	1	MWF 10:00-10:50 MEETS: JAN 13-MAY 8	ORTH P
JUNIOR SEMINAR	PHYS 389	R CREDIT	
Satisfactory-Fail Only.			
3647005	1	F 9:00-9:50 MEETS: JAN 13-MAY 8	
COOPERATIVE EDUCATN	PHYS 398	R CREDIT	
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION			
4745005	1	ARRANGED MEETS: JAN 13-MAY 8	
SEM SEC SCHOOL PHYS	PHYS 399	1- 2 CREDITS	
Prereq: PERMISSION OF INSTRUCTOR			
5886005	1	ARRANGED MEETS: JAN 13-MAY 8	
MOLCLR&CELL BIOPHYS	PHYS 432	3 CREDITS	
Prereq: PHYS 304 OR CHEM 325			
8704005	1	MWF 11:00-11:50 MEETS: JAN 13-MAY 8	
UNDERGRAD RESEARCH	PHYS 450	1- 6 CREDITS	
Prereq: PERMISSION OF INSTRUCTOR			
***** SEE DEPT FOR REFERENCE NUMBERS			
UNDERGRAD RESEARCH	PHYS 450L	1- 6 CREDITS	
Prereq: PHYS 311, PERMISSION OF INSTRUCTOR			
***** SEE DEPT FOR REFERENCE NUMBERS			
APPLIED PHYSICS LAB	PHYS 470L	2- 5 CREDITS	
Prereq: PHYS 322 AND PERMISSION OF INSTRUCTOR			
3161005	1	ARRANGED MEETS: JAN 13-MAY 8	

PHYSICS

(CONTINUED)

PHYSICS

(CONTINUED)

QUANTUM MECHANICS II PHYS 481 3 CREDITS
 Prereq: PHYS 480
 5891005 1 TR 12:40-2:00 SANCHEZ M
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY PHYS 490 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHYS 490H 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MODERN OPTICS PHYS 496 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN PHYS 322, PHYS
 365, PHYS 480
 5884005 1 MWF 10:00-10:50 WANG J
 MEETS: JAN 13-MAY 8

CONDENSED MATTER II PHYS 512 3 CREDITS
 Prereq: PHYS 511
 5897005 1 TR 9:30-10:50 PROZOROV R
 MEETS: JAN 13-MAY 8

STATISTICAL MECHANI PHYS 531 3 CREDITS
 Prereq: PHYS 304 AND CREDIT OR ENROLLMENT IN PHYS
 481, MATH 465, CREDIT OR ENROLLMENT IN MATH 365 OR
 PHYS 528
 5902005 1 TR 11:00-12:20 WEINSTEIN A
 MEETS: JAN 13-MAY 8

MOLCLR&CELL BIOPHYS PHYS 532 3 CREDITS
 Prereq: PHYS 304 OR CHEM 325
 8708005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

PHYS SEMICOND DEVIC PHYS 536 3 CREDITS
 Prereq: E E 535
 5904005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

COMPUTATIONAL PHYS PHYS 551 2 CREDITS
 Prereq: PHYS 365, CREDIT OR ENROLLMENT IN PHYS
 481
 Satisfactory-Fail Only.
 7651005 1 R 2:10-4:00
 MEETS: JAN 13-MAY 8

ADV CLASSICL MECHAN PHYS 564 3 CREDITS
 Prereq: PHYS 362, PHYS 528
 5907005 1 TR 12:40-2:00 TRAVESSET-CASAS
 MEETS: JAN 13-MAY 8

ADV ELECT&MAGNET II PHYS 572 3 CREDITS
 Prereq: PHYS 571
 5909005 1 MWF 11:00-11:50 FLINT R
 MEETS: JAN 13-MAY 8

SPCL TOPICS NUCLEAR PHYS 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5910005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP COND MATTER PHYS 590B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS
 5911005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

SPL TOP HIGH ENERGY PHYS 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5912005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPCL TOPICS PHYSICS PHYS 590D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5913005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOPCS APPL PHYS PHYS 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5914005 1 ARRANGED
 MEETS: JAN 13-MAY 8

QUANTUM PHYSICS II PHYS 592 4 CREDITS
 Prereq: PHYS 591
 5916005 1 MF 10:00-10:50 CHEN C
 W 9:00-10:50
 MEETS: JAN 13-MAY 8

CREATIVE COMPONENT PHYS 599 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

QUANT THRY C MATTER PHYS 611 3 CREDITS
 Prereq: PHYS 512 AND PHYS 681 OR PERMISSION OF
 INSTRUCTOR
 5918005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

PH STRONG INTERACTN PHYS 625 3 CREDITS
 Prereq: PHYS 681
 3150005 1 TR 11:00-12:20 VARY J
 MEETS: JAN 13-MAY 8

ELEMNTRY PARTICLE I PHYS 637 3 CREDITS
 Prereq: PHYS 526 AND PHYS 592
 5921005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

ELEM PARTICLE PH II PHYS 638 3 CREDITS
 Prereq: PHYS 637
 5922005 1 MWF 11:00-11:50 ATWOOD D
 MEETS: JAN 13-MAY 8

MATH MODEL PHYSC SY PHYS 646 3 CREDITS
 9102005 1 MWF 11:00-11:50 SMITH E
 MEETS: JAN 13-MAY 8

ADV SEMINAR NUCLEAR PHYS 650A 1 CREDIT
 Satisfactory-Fail Only.
 5923005 1 R 4:10-5:00 VARY J
 MEETS: JAN 13-MAY 8

ADV SEM COND MATTER PHYS 650B 1 CREDIT
 Satisfactory-Fail Only.
 5924005 1 R 4:10-6:00PM FLINT R
 MEETS: JAN 13-MAY 8

ADV SEM HIGH ENERGY PHYS 650C 1 CREDIT
 Satisfactory-Fail Only.
 5925005 1 W 4:10-5:00 CHEN C
 MEETS: JAN 13-MAY 8

ADV SEMINAR PHYSICS PHYS 650D 1 CREDIT
 Satisfactory-Fail Only.
 5926005 1 F 12:10-1:00
 MEETS: JAN 13-MAY 8

ADV SEMINAR APPLIED PHYS 650E 1 CREDIT
 Satisfactory-Fail Only.
 5927005 1 M 4:10-6:00PM
 MEETS: JAN 13-MAY 8

ADV TOP COND MATTER PHYS 660B 1- 3 CREDITS
 5929005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV TOP HIGH ENERGY PHYS 660C 1- 3 CREDITS
 5930005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV TOPICS PHYSICS PHYS 660D 1- 3 CREDITS
 5931005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV TOPICS APPLIED PHYS 660E 1- 3 CREDITS
 5932005 1 ARRANGED
 MEETS: JAN 13-MAY 8

QUANTUM FLD THRY II PHYS 682 3 CREDITS
 Prereq: PHYS 681
 5936005 1 TR 2:10-3:30 TUCHIN K
 MEETS: JAN 13-MAY 8

RESEARCH PHYS 699 VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION REQUIRED
 ***** SEE DEPT FOR REFERENCE NUMBERS

PLANT BIOLOGY

RESEARCH SEMINAR PLBIO 696 1 CREDIT
 Satisfactory-Fail Only.
 8828005 1 W 4:10-5:30 BASSHAM D
 MEETS: JAN 13-MAY 8

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

PLANT PATHOLOGY

PRIN OF PLANT PATH PL P 408 3 CREDITS
 Prereq: 8 CREDITS IN LIFE SCIENCES, INCLUDING
 BIOL 211
 3898005 1 TR 11:00-11:50 PETERS N
 R 12:10-2:00 PETERS N
 MEETS: JAN 13-MAY 8

3898010 2 TR 11:00-11:50 PETERS N
 R 2:10-4:00 PETERS N
 MEETS: JAN 13-MAY 8

3898015 3 TR 11:00-11:50 PETERS N
 R 4:10-6:00PM PETERS N
 MEETS: JAN 13-MAY 8

PLANT PATHOLOGY

(CONTINUED)

POLITICAL SCIENCE

(CONTINUED)

MGT DIS&PEST TGRASS PL P 452 3 CREDITS
 Prereq: HORT 351
 5312005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

BACT-PLANT INTERACT PL P 477 3 CREDITS
 Prereq: 3 CREDITS IN MICROBIOL OR PLANT PATHOLOGY
 5648005 1 MWF 12:10-1:00 BEATTIE G
 MEETS: JAN 13-MAY 8

INDEP STDY PLT PATH PL P 490A 1- 3 CREDITS
 Prereq: JR OR SR CLASSIFICATION, 7 CREDITS IN
 BIOLOGICAL SCIENCES, PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY PL P 490H 1- 3 CREDITS
 Prereq: JR OR SR CLASSIFICATION, 7 CR IN BIOL
 SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM
 Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION. RESTRICTED TO UNIV. HONORS STUDENTS.
 3155005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PLANT-PATH INTERACT PL P 506 2 CREDITS
 Prereq: PL P 408 OR PL P 416, BIOL 313
 9645005 1 TR 9:00-9:50
 MEETS: JAN 13-MAY 8

PRIN OF PLANT PATH PL P 508 3 CREDITS
 Prereq: 8 CREDITS IN LIFE SCIENCES, INCLUDING
 BIOL 211 OR BIOL 212
 3902005 1 TR 11:00-11:50 PETERS N
 R 12:10-2:00 PETERS N
 MEETS: JAN 13-MAY 8

3902010 2 TR 11:00-11:50 PETERS N
 R 2:10-4:00 PETERS N
 MEETS: JAN 13-MAY 8

3902015 3 TR 11:00-11:50 PETERS N
 R 4:10-6:00PM PETERS N
 MEETS: JAN 13-MAY 8

PLANT VIROLOGY PL P 509 2 CREDITS
 Prereq: BIOL 313 OR BBMB 301; RECOMMEND BIOL 314
 3555005 1 ARRANGED
 MEETS: JAN 13-MAY 8

LFESTYL PTHGN FUNGI PL P 512 2 CREDITS
 Prereq: PL P 408 OR MICRO 456 OR EQUIVALENT
 4046005 1 MW 3:10-4:30
 MEETS: FEB 17-APRIL 29

MGT DIS&PEST TGRASS PL P 552 3 CREDITS
 Prereq: HORT 351
 5950005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

BACT-PLANT INTERACT PL P 577 3 CREDITS
 Prereq: 3 CREDITS IN MICRO OR PLANT PATHOLOGY
 5649005 1 MWF 12:10-1:00 BEATTIE G
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS PL P 590 1- 3 CREDITS
 Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT PL P 599 VAR. CREDITS
 Prereq: FOR NON-THESIS MASTER OF SCIENCE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

COLLOQ IN PLANT PTH PL P 694 2 CREDITS
 Prereq: PL P 408 OR PL 416; PERMISSION OF
 INSTRUCTOR
 5958005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SEMINAR PL P 698 1 CREDIT
 Satisfactory-Fail Only.
 5959005 1 T 3:10-4:30
 MEETS: JAN 13-MAY 8

THESIS&DIS RESEARCH PL P 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

INTRO POLITICAL SCI POL S 101 3 CREDITS
 Note: COURSE RESTRICTED TO POL S MAJORS ONLY
 3912005 1 MWF 12:10-1:00 URBATSCH R
 MEETS: JAN 13-MAY 8

3912600 XW ARRANGED URBATSCH R
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INTR AMERIC GOVERN POL S 215 3 CREDITS
 5961005 1 MWF 9:00-9:50 BONNER Z
 MEETS: JAN 13-MAY 8

5961010 2 MWF 11:00-11:50 SCHMIDT S
 MEETS: JAN 13-MAY 8

5961015 3 TR 11:00-12:30 SHAW K
 MEETS: JAN 13-MAY 8

INTRO ETHICS&POLTCS POL S 235 3 CREDITS
 5715005 1 MWF 10:00-10:50 DEAM D
 MEETS: JAN 13-MAY 8

INTR CMPAR GOVT&POL POL S 241 3 CREDITS
 Note: Meets international perspectives reqmt
 5963005 1 TR 12:40-2:00 REN Y
 MEETS: JAN 13-MAY 8

5963010 2 TR 2:10-3:30 SHAW K
 MEETS: JAN 13-MAY 8

5963015 3 MWF 10:00-10:50 ESTES K
 MEETS: JAN 13-MAY 8

5963600 XW ARRANGED SHAW K
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INTRO INTERNATL POL POL S 251 3 CREDITS
 Note: Meets international perspectives reqmt
 5964005 1 TR 9:30-10:50 MANSBACH R
 MEETS: JAN 13-MAY 8

5964010 2 TR 12:40-2:00 FEINSTEIN S
 MEETS: JAN 13-MAY 8

5964015 3 TR 3:40-5:00 REN Y
 MEETS: JAN 13-MAY 8

INTRO EMPIRCL RSRCH POL S 301 3 CREDITS
 Prereq: POL S 101
 5965005 1 MWF 11:00-11:50 PETERSON D
 MEETS: JAN 13-MAY 8

PUB OPINION&VOT BHV POL S 306 3 CREDITS
 Prereq: 6 CR IN POL S OR SOPH CLASSIFICATION
 9242005 1 MWF 1:10-2:00 BONNER Z
 MEETS: JAN 13-MAY 8

STATE & LOCAL GOVT POL S 310 3 CREDITS
 Prereq: 3 CR IN POL S
 5968005 1 MWF 1:10-2:00 PETERSON D
 MEETS: JAN 13-MAY 8

5968600 XW ARRANGED PETERSON D
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

SPL TOPCS AMER GOVT POL S 312 2 CREDITS
 Note: A TOPIC MAY NOT BE TAKEN MORE THAN ONCE
 8810600 XW ARRANGED SCHMIDT S
 MEETS: JAN 13-FEB 29
 Note: TOPIC: THE IOWA CAUCUSES AND THE 2020
 AMERICAN PRESIDENTIAL CANDIDATE SELECTION PROCESS
 STUDENTS WANTING 3 CREDITS FOR THIS COURSE CAN EMAIL
 JASON CHRYSAL AT JCHRYSTA@IASTATE.EDU.
 DISTANCE STUDENTS WANTING 3 CREDITS CAN EMAIL
 ELO@IASTATE.EDU
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$100.00

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 1 MWF 12:10-1:00 DEAM D
 MEETS: JAN 13-MAY 8

AMER JUDICIAL PROC POL S 320 3 CREDITS
 Prereq: POL S 215
 5970005 1 TR 2:10-3:30 WAGGONER K
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO POL S, CJ ST,
 INDIS MAJORS ONLY

DMCRCY&DVRSTY IN US POL S 333 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 6471005 1 MW 3:10-4:30 TUCKNESS A
 MEETS: JAN 13-MAY 8

POLITICS & SOCIETY POL S 334 3 CREDITS
 Prereq: A COURSE IN POL S OR SOC
 7403005 1 TR 2:10-3:30 DOBRATZ B
 MEETS: JAN 13-MAY 8

SCI,TEC&PUBLIC POLCY POL S 335 3 CREDITS
 7987005 1 R 6:10-9:00PM DEAM D
 MEETS: JAN 13-MAY 8

POLITICAL SCIENCE (CONTINUED)

POLITICAL SCIENCE (CONTINUED)

PUBLIC POLICY POL S 344 3 CREDITS
 9243005 1 MWF 12:10-1:00 WANG Y
 MEETS: JAN 13-MAY 8

EUROPEAN POLITICS POL S 346 3 CREDITS
 Note: Meets international perspectives reqmt
 5976005 1 TR 12:40-2:00 PIRRO E
 MEETS: JAN 13-MAY 8

BRITISH GOVT&POLITIC POL S 348 3 CREDITS
 Prereq: POL S 215 OR POL S 241
 Note: Meets international perspectives reqmt
 9882005 1 TR 3:40-5:00 SHAW K
 MEETS: JAN 13-MAY 8

POLIT RUS& E EUROPE POL S 349 3 CREDITS
 Note: Meets international perspectives reqmt
 5996005 1 TR 9:30-10:50 FEINSTEIN S
 MEETS: JAN 13-MAY 8

WAR&HUMNTRN POLITCS POL S 354 3 CREDITS
 Prereq: POL S 235 OR POL S 251 OR ANTHR 210
 OR ANTHR 230
 Note: Meets international perspectives reqmt
 6464005 1 MWF 11:00-11:50 GABIAM N
 MEETS: JAN 13-MAY 8

THEOR INTL POLITICS POL S 356 3 CREDITS
 7231005 1 MWF 12:10-1:00 ESTES K
 MEETS: JAN 13-MAY 8

U S FOREIGN POLICY POL S 358 3 CREDITS
 Prereq: POL S 215 OR POL S 251, OR HIST 467 OR
 HIST 470 OR HIST 471
 5979005 1 TR 11:00-12:30 MCCORMICK J
 MEETS: JAN 13-MAY 8

ISSUES FOREIGN PLCY POL S 359 3 CREDITS
 Prereq: POL S 215, POL S 251, OR POL S 358
 1006005 1 TR 2:10-3:30 MCCORMICK J
 MEETS: JAN 13-MAY 8

AMER INSTI:PRESIDEN POL S 361 3 CREDITS
 Prereq: POL S 215
 5981005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

THE JUDICIARY POL S 362 3 CREDITS
 Prereq: POL S 320
 9807005 1 TR 11:00-12:20 WAGGONER K
 MEETS: JAN 13-MAY 8

PUBLIC ORGS &LDRSHP POL S 371 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 5982005 1 MWF 9:00-9:50 HASSID J
 MEETS: JAN 13-MAY 8

INT'L POLIT ECONOMY POL S 381 3 CREDITS
 1000005 1 MWF 9:00-9:50 NIEMAN M
 MEETS: JAN 13-MAY 8

ENVIRN POLIT&POLICI POL S 383 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 6010005 1 MWF 2:10-3:00 ESTES K
 MEETS: JAN 13-MAY 8

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

CONSTITUTNL FREEDMS POL S 421 3 CREDITS
 Prereq: POL S 320 OR POL S 420
 5989005 1 MWF 2:10-3:00 DEAM D
 MEETS: JAN 13-MAY 8

COMP FOREIGN POLICY POL S 452 3 CREDITS
 Prereq: POL S 251
 Note: Meets international perspectives reqmt
 6000005 1 TR 9:30-10:50 REN Y
 MEETS: JAN 13-MAY 8

INT'L ORGANIZATION POL S 453 3 CREDITS
 Prereq: POL S 251
 6001005 1 W 1:10-4:00 NIEMAN M
 MEETS: JAN 13-MAY 8

MGMT PUBLIC SECTOR POL S 475 3 CREDITS
 Prereq: POL S 371
 6005005 1 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8

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

INDEP STUDY HONORS POL S 490H VAR. CREDITS
 Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS POL S 491 3 CREDITS
 Prereq: 21 CREDITS OF POL S, SENIOR STATUS AND
 PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHING INTERNSHIP POL S 496 3 CREDITS
 Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSN
 Note: USE OF POL S 496 CREDIT IN POL S MAJOR AND MINOR
 DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE
 STUDY SECTION OF CATALOG FOR DETAILS.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP POL S 497 3 CREDITS
 Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSN
 Note: USE OF POL S 497 CREDIT IN POL S MAJOR AND MINOR
 DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE
 STUDY SECTION OF CATALOG FOR DETAILS.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

BIORNBLS LAW&POLCY POL S 515 3 CREDITS
 9568005 1 MWF 1:10-2:00 WANG Y
 MEETS: JAN 13-MAY 8

INFO ASSUR LEGAL&ET POL S 534 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, CPR E 531/
 INFAS 531
 7329005 1 M 6:10-9:00PM PETERS K
 MEETS: JAN 13-MAY 8
 7329600 XW ARRANGED PETERS K
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$570.00

POLITICAL SCIENCE

(CONTINUED)

PSYCHOLOGY

COMP FOREIGN POLICY POL S 552 3 CREDITS
 Prereq: POL S 251
 Note: Meets international perspectives reqmt
 6029005 1 TR 9:30-10:50 REN Y
 MEETS: JAN 13-MAY 8

INT'L ORGANIZATIONS POL S 553 3 CREDITS
 Prereq: POL S 251
 3573005 1 W 1:10-4:00 NIEMAN M
 MEETS: JAN 13-MAY 8

POLICY &PROGRM EVAL POL S 574 3 CREDITS
 Prereq: GRAD CLASSIFICATION OR 6 CR OF POL S
 6036600 XW ARRANGED SHELLEY M
 MEETS: JAN 13-MAY 8
 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 1 T 6:10-9:00PM
 MEETS: JAN 13-MAY 8

SPL TOP US P INSTIT POL S 590A 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 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 PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP POLIT THEORY POL S 590C 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPAR GOVVT POL S 590D 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L RELAT POL S 590E 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POLICY PROC POL S 590F 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PUB POL&ADM POL S 590G 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INTERNSHIP POL S 590I 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TEACHG PREP POL S 590T 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP POL S 598 3- 6 CREDITS
 Prereq: 15 CREDITS IN POL S, INSTRUCTR PERMISSION
 4540005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CREATIVE COMPONENT POL S 599 VAR. CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

PORTUGUESE

ACCEL ELEM PORTUG I PORT 111 3 CREDITS
 Prereq: FOUR SEMESTERS OF COLLEGE SPANISH OR
 EQUIVALENT. STUDENTS WITH FOUR SEMESTERS AT THE
 COLLEGE LEVEL (OR EQUIVALENT) OF ANOTHER ROMANCE
 LANGUAGE MAY BE ADMITTED BY THE INSTRUCTOR.
 Note: COURSE TOPIC: PORTUGUESE FOR SPANISH SPEAKERS
 7134005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>
 6069005 1 TR 9:30-10:50 COOPER E
 MEETS: JAN 13-MAY 8

6069010 2 TR 11:00-12:20 COOPER E
 MEETS: JAN 13-MAY 8

ORIENTATN TO PSYCH PSYCH 111 .5 CREDIT
 Satisfactory-Fail Only.
 6068005 1 W 3:10-4:00 BAKER W
 MEETS: JAN 13-MARCH 27

6068010 2 R 10:00-10:50 PHIPPS A
 MEETS: JAN 13-MARCH 27

PSY LRN CMNTY SEMNR PSYCH 112 1 CREDIT
 Prereq: PARTICIPATION IN FRESHMAN LEARNING
 COMMUNITY
 Satisfactory-Fail Only.
 9388005 1 R 2:10-3:00 CUTRONA C
 MEETS: JAN 13-MAY 8

9388010 2 R 2:10-3:00 SCHEEL K
 MEETS: JAN 13-MAY 8

9388015 3 R 10:00-10:50 TOWERS K
 MEETS: JAN 13-MAY 8

ACAD LEARNNG SKILLS PSYCH 131 1 CREDIT
 6071005 1 T 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6071010 2 M 1:10-2:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6071015 3 W 1:10-2:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6071020 4 T 12:10-1:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6071025 5 MW 12:10-1:00
 ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Instructor permission required 1st week.

DEVELOPMENTAL PSYCH PSYCH 230 3 CREDITS
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>
 6072005 1 TR 8:00-9:20 PHILLIPS W
 MEETS: JAN 13-MAY 8

6072010 2 TR 9:30-10:50 PHILLIPS W
 MEETS: JAN 13-MAY 8

6072600 XV ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW

6072605 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

PSY OF THE WORKPLAC PSYCH 250 3 CREDITS
 9076005 A1 MW 3:10-4:30 HANISCH K
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY

9076010 A2 MW 3:10-4:30 HANISCH K
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

SOCIAL PSYCHOLOGY PSYCH 280 3 CREDITS
 Night exams scheduled. For dates go to
<http://www.registrar.iastate.edu/students/exams/night-exams>
 6075005 1 TR 12:40-2:00 HESSLING R
 MEETS: JAN 13-MAY 8

6075600 XV ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW

6075605 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INTRO RESRCH EXPRNC PSYCH 291 1- 4 CREDITS
 Prereq: PSYCH 101, SOPHOMORE CLASSIFICATION,
 INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES DSGN & METHODOL PSYCH 301 3 CREDITS
 Prereq: STAT 101; 1 COURSE IN PSYCHOLOGY
 Note: PSYCH MINORS ARE ELIGIBLE TO ADD THIS COURSE,
 GO TO W022 LAGOMARCINO HALL TO ENROLL.
 SEC A1, B1 ETC RESTRICTED TO PSYCH MAJORS ONLY.
 SEC A2, B2 ETC FOR MAJORS OTHER THAN PSYCH
 6076005 A1 MWF 11:00-11:50 CREDE M
 MEETS: JAN 13-MAY 8

6076010 A2 MWF 11:00-11:50 CREDE M
 MEETS: JAN 13-MAY 8

6076015 B1 MWF 2:10-3:00 COOPER E
 MEETS: JAN 13-MAY 8

PSYCHOLOGY (CONTINUED)

PSYCHOLOGY (CONTINUED)

RES DSGN & METHODOL PSYCH 301 3 CREDITS
 6076020 B2 MWF 2:10-3:00 COOPER E
 MEETS: JAN 13-MAY 8
 6076025 C1 TR 2:10-3:30 GUYLL M
 MEETS: JAN 13-MAY 8
 6076030 C2 TR 2:10-3:30 GUYLL M
 MEETS: JAN 13-MAY 8

RESRCH METHODS PSYC PSYCH 302 3 CREDITS
 Prereq: PSYCH 301, ENGL 250
 Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY
 1173005 1 TR 9:00-10:50 SMITH A
 MEETS: JAN 13-MAY 8
 1173010 2 TR 11:00-12:50 ACERBO M
 MEETS: JAN 13-MAY 8
 1173015 3 MW 10:00-11:50 GRUNDY J
 MEETS: JAN 13-MAY 8
 1173020 4 MW 1:10-3:00 HESSLING R
 MEETS: JAN 13-MAY 8

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS
 Prereq: PSYCH 101
 1515005 A1 MWF 12:10-1:00 ACERBO M
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 1515010 A2 MWF 12:10-1:00 ACERBO M
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

SENSATION & PERCEPTN PSYCH 312 3 CREDITS
 Prereq: PSYCH 101
 6079005 A1 TR 11:00-12:20 RICHIE C
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6079010 A2 TR 11:00-12:20 RICHIE C
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

MOTIVATION PSYCH 314 3 CREDITS
 Prereq: PSYCH 101
 6081005 A1 MWF 10:00-10:50 HESSLING R
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6081010 A2 MWF 10:00-10:50 HESSLING R
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

DRUGS & BEHAVIOR PSYCH 315 3 CREDITS
 Prereq: PSYCH 101
 6082005 A1 MWF 2:10-3:00 ACERBO M
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6082010 A2 MWF 2:10-3:00 ACERBO M
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

COGNITIVE PSYCHOLGY PSYCH 316 3 CREDITS
 Prereq: PSYCH 101
 6083005 1 TR 3:40-4:55 CHAN J
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO PSYCH MAJORS ONLY
 6083010 2 TR 3:40-4:55 CHAN J
 MEETS: JAN 13-MAY 8
 Note: SEC 2 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 1 MW 8:00-9:15
 MEETS: JAN 13-MAY 8
 4361010 2 MW 11:00-12:15
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 Note: SEC A1 RESTRICTED PSYCH MAJORS ONLY
 4299010 A2 MWF 11:00-11:50 MARSEE M
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

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 13-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6085010 A2 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

PERSONALITY PSYCHOL PSYCH 360 3 CREDITS
 Prereq: PSYCH 101
 6087005 1 MWF 2:10-3:00 NESBIT S
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO PSYCH MAJORS ONLY
 6087010 2 MWF 2:10-3:00 NESBIT S
 MEETS: JAN 13-MAY 8
 Note: SEC 2 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 13-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 9080010 A2 TR 2:10-3:30 MADON S
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO CJ ST, INDIS MAJORS ONLY
 9080015 A3 TR 2:10-3:30 MADON S
 MEETS: JAN 13-MAY 8
 Note: SEC A3 FOR MAJORS OTHER THAN INDIS, PSYCH

MEDIA PSYCHOLOGY PSYCH 386 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230 OR PSYCH 280
 8576600 XV ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW
 8576605 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

HISTORY OF PSYCHOLG PSYCH 405 3 CREDITS
 Prereq: 4 COURSES IN PSYCHOLOGY
 0100005 A1 TR 9:30-10:50 SCHEEL K
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 0100010 A2 TR 9:30-10:50 SCHEEL K
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

PSYCH OF LANGUAGE PSYCH 413 3 CREDITS
 Prereq: PSYCH 101
 6092005 A1 TR 12:40-2:00 RICHIE C
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6092010 A2 TR 12:40-2:00 RICHIE C
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO LING MAJORS
 6092015 A3 TR 12:40-2:00 RICHIE C
 MEETS: JAN 13-MAY 8
 Note: SEC A3 FOR MAJORS OTHER THAN PSYCH OR
 LING

COUNSEL THEOR&TCHNQ PSYCH 422 3 CREDITS
 Prereq: 3 COURSES IN PSYCH
 6093005 A1 TR 11:00-12:15 ARTERBERRY B
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6093010 A2 TR 11:00-12:15 ARTERBERRY B
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO D EXH, DIETH,
 FS HN, KIN, NUTR MAJORS ONLY
 6093015 A3 TR 11:00-12:15 ARTERBERRY B
 MEETS: JAN 13-MAY 8
 Note: SEC A3 OPEN TO MAJORS OTHER THAN D EXH, DIETH,
 FS HN, KIN, NUTR, PSYCH

LAB CONSL THR&TCHNQ PSYCH 422L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN PSYCH 422,
 MAJOR OR MINOR IN PSYCHOLOGY
 2844005 1 R 9:00-10:40
 MEETS: JAN 13-MAY 8

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 1 M 12:10-2:00 ARMSTRONG P
 F 8:00-9:50
 MEETS: JAN 13-MAY 8
 6099010 2 M 12:10-2:00 ARMSTRONG P
 W 12:10-2:00
 MEETS: JAN 13-MAY 8
 6099015 3 M 12:10-2:00 ARMSTRONG P
 F 12:10-2:00
 MEETS: JAN 13-MAY 8
 6099020 4 M 12:10-2:00 ARMSTRONG P
 W 4:10-6:00PM
 MEETS: JAN 13-MAY 8
 6099025 5 M 12:10-2:00 ARMSTRONG P
 F 12:10-2:00
 MEETS: JAN 13-MAY 8
 6099030 6 M 12:10-2:00 ARMSTRONG P
 F 2:10-4:00
 MEETS: JAN 13-MAY 8

ABNORMAL PSYCHOLOGY PSYCH 460 3 CREDITS
 Prereq: 3 COURSES IN PSYCHOLOGY INCLUDING PSYCH
 101
 Note: SEC A1, B1 RESTRICTED TO PSYCH MAJORS ONLY
 SEC A2, B2 RESTRICTED TO KIN MAJORS.
 SEC A3, B3 FOR MAJORS OTHER THAN PSYCH, KIN
 6102005 A1 TR 2:10-3:30 PRIETO L
 MEETS: JAN 13-MAY 8
 6102010 A2 TR 2:10-3:30 PRIETO L
 MEETS: JAN 13-MAY 8
 6102015 A3 TR 2:10-3:30 PRIETO L
 MEETS: JAN 13-MAY 8
 6102020 B1 MWF 3:10-4:00 NESBIT S
 MEETS: JAN 13-MAY 8
 6102030 B2 MWF 3:10-4:00 NESBIT S
 MEETS: JAN 13-MAY 8
 6102035 B3 MWF 3:10-4:00 NESBIT S
 MEETS: JAN 13-MAY 8

PSYCHOLOGY

(CONTINUED)

PSYCHOLOGY

(CONTINUED)

HUMAN AGGRESSION PSYCH 487 3 CREDITS
 Prereq: PSYCH 230 OR PSYCH 280; PSYCH 301;
 PSYCH 313 OR PSYCH 316 OR PSYCH 318 OR PSYCH 360 OR
 PSYCH 380
 1438005 1 TR 2:10-3:25
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO PSYCH MAJORS ONLY
 1438010 2 TR 2:10-3:25
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN PSYCH

INDEPENDENT STUDY PSYCH 490 1- 3 CREDITS
 Prereq: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSN
 Note: NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PSYCH 490H 1- 3 CREDITS
 Prereq: JR CLASSIFCATN, 6 CR IN PSYCH, INSTR PERMISSN
 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 PERMISSN,
 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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTORY OF PSYCHOLG PSYCH 505 3 CREDITS
 Prereq: 4 COURSES IN PSYCHOLOGY
 0101005 A1 TR 9:30-10:50 SCHEEL K
 MEETS: JAN 13-MAY 8

METHDS HUMAN&CMPUTR PSYCH 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7051005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 7051600 XW ARRANGED SLAVINA A
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

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, INSTRUTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

QNT MTHD LONGI ANLY PSYCH 594G 1 CREDIT
 Prereq: PSYCH 501 OR EQUIVALENT
 9087005 1 TR 11:00-12:20 RUSSELL D
 MEETS: MARCH 20-MAY 1

QN MTHD BHVR MEDIAT PSYCH 594K 1 CREDIT
 Prereq: PSYCH 501 OR EQUIVALENT
 3208005 1 M 12:10-2:40 CREDE M
 MEETS: JAN 13-FEB 14

SEM SOC PSY:HEALTH PSYCH 595F 1- 3 CREDITS
 Prereq: 12 CREDITS IN PSYCH
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2020
 0530005 1 W 2:10-5:00
 MEETS: JAN 13-MAY 8

SEM COUNS PSY:RSRCH PSYCH 596B VAR. CREDITS
 Prereq: 12 CREDITS IN PSYCH
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2020
 5878005 1 F 9:00-11:50 ARMSTRONG P
 MEETS: JAN 13-MAY 8

INTERNSHIP IN PSYCH PSYCH 597 R CREDIT
 Prereq: M.S. DEGREE CANDIDACY; PERMISSION OF
 INSTRUCTOR
 7659005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SMNR COGNITV:EVOLUTN PSYCH 598E VAR. CREDITS
 Prereq: PSYCH 516; PSYCH 501 OR STAT 401
 6169005 1 M 6:00-8:50PM COOPER E
 MEETS: JAN 13-MAY 8

CREATIVE COMPONENT PSYCH 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VOCATIONAL BEHAVIOR PSYCH 623 3 CREDITS
 Prereq: 3 COURSES IN PSYCH OR GRAD CLASSIFICATION
 6152005 1 W 2:10-5:00
 MEETS: JAN 13-MAY 8

TEACHING OF PSYCH PSYCH 633 3 CREDITS
 Prereq: ENROLLMENT IN DOCTORAL DEGREE PROGRAM IN
 PSYCH, PERMISSION OF INSTRUCTOR
 6156005 1 TR 12:40-2:00 PRIETO L
 MEETS: JAN 13-MAY 8

PRACTCM BEG COUNSEL PSYCH 691A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2020
 6159005 1 T 1:10-4:00 WEI M
 MEETS: JAN 13-MAY 8

PRACT INTMD COUNSEL PSYCH 691B VAR. CREDITS
 Prereq: PSYCH 691A, PERMISSION OF INSTRUCTOR
 5217005 1 M 1:10-3:00 WADE N
 ARRANGED
 MEETS: JAN 13-MAY 8

PRACTCM ADV COUNSEL PSYCH 691C VAR. CREDITS
 Prereq: PSYCH 691A, PSYCH 691B, PERMISSION OF
 INSTRUCTOR
 5235005 1 M 10:00-11:50 WADE N
 ARRANGED
 MEETS: JAN 13-MAY 8

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 2020
 7667005 1 W 12:10-1:00 CHAN J
 MEETS: JAN 13-MAY 8

RESRCH SEMNR SOCIAL PSYCH 692R 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2020
 9085005 1 F 12:10-1:30 COSTABLE K
 ARRANGED
 MEETS: JAN 13-MAY 8

INTERN COUNSELING PSYCH 697 R CREDIT
 Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH
 PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN
 6182005 1 ARRANGED
 MEETS: JAN 13-MAY 8

RESEARCH PSYCH 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PUBLIC RELATIONS

PRIN PUBLIC RELATNS P R 220 3 CREDITS
 6906005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

STRATEG PLAN AD&P.R P R 301 3 CREDITS
 Prereq: ADVRT 230 OR P R 220
 Note: SEC 1A,2A ETC RESTRICTED TO JL MC, ADVRT, P R
 SEC 1B,2B ETC FOR MAJORS OTHER THAN JL MC, ADVRT,
 P R
 6910005 1A MW 2:10-3:30
 MEETS: JAN 13-MAY 8
 6910010 1B MW 2:10-3:33
 MEETS: JAN 13-MAY 8
 6910015 2A TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 6910020 2B TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 6910025 3A MW 3:40-5:00
 MEETS: JAN 13-MAY 8
 6910030 3B MW 3:40-5:00
 MEETS: JAN 13-MAY 8

PUBLIC RELATIONS (CONTINUED)

STRATEG PLAN AD&P.R P R 301 3 CREDITS
 6910035 4A TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 6910040 4B TR 11:00-12:20
 MEETS: JAN 13-MAY 8

PUBLICITY METHODS P R 305 3 CREDITS
 Prereq: ENGL 250, SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO MAJORS OTHER THAN
 ADVRT, JL MC OR P R.
 6911005 1 MW 2:10-3:30
 MEETS: JAN 13-MAY 8
 6911010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

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 TR 2:10-4:00
 MEETS: JAN 13-MAY 8
 7171010 2 TR 2:10-4:00
 MEETS: JAN 13-MAY 8
 7171015 3 TR 8:00-9:50
 MEETS: JAN 13-MAY 8

PRO SKILL DEVEL:MAP P R 390A 1 CREDIT
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR
 PERMISSION FOR NONMAJORS
 Note: TOPIC: PROSKILL DEVEL: MAP
 0418005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CRISIS COMMUNICATIO P R 420 3 CREDITS
 Prereq: P R 220
 7457005 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

PUBLIC REL CAMPAIGN P R 424 3 CREDITS
 Prereq: C+ OR BETTER IN P R 321; ADVRT 301 OR
 P R 301
 7211005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 7211010 2 MW 2:10-3:30
 MEETS: JAN 13-MAY 8

SPL TP FIRST AMENDM P R 497D 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 0152005 1 MW 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP:PLN SO MDIA P R 497L 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 0483600 XW ARRANGED WIGTON M
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

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

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

RELIGIOUS STUDIES

INTRO WRLD RELIGION RELIG 205 3 CREDITS
 Note: Meets international perspectives reqmt
 6109005 1 MWF 8:00-8:50 CARAWAY R
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO FRESHMAN ONLY
 6109010 2 MWF 10:00-10:50 CARAWAY R
 MEETS: JAN 13-MAY 8
 6109015 3 MWF 1:10-2:00 WILSON C
 MEETS: JAN 13-MAY 8
 6109020 4 TR 11:00-12:30 CHILCOTT T
 MEETS: JAN 13-MAY 8
 6109025 5 MWF 12:10-1:00 WILSON C
 MEETS: JAN 13-MAY 8
 6109030 6 TR 12:40-2:00 CHILCOTT T
 MEETS: JAN 13-MAY 8
 Note: SEC 6 RESTRICTED TO CONTINUING FRESHMAN.

RELIGIOUS STUDIES (CONTINUED)

RELIGION IN AMERICA RELIG 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 6188005 1 MWF 10:00-10:50 CHASE C
 MEETS: JAN 13-MAY 8
 6188010 2 MWF 11:00-11:50 CHASE C
 MEETS: JAN 13-MAY 8
 6188015 3 TR 11:00-12:30 DEES S
 MEETS: JAN 13-MAY 8
 6188020 4 TR 11:00-12:30 DEAN B
 MEETS: JAN 13-MAY 8
 6188025 5 TR 2:10-3:30 DEAN B
 MEETS: JAN 13-MAY 8
 6188030 6 TR 2:10-3:30 DEES S
 MEETS: JAN 13-MAY 8
 6188600 XW ARRANGED CHASE C
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

RELIGION & SOCIETY RELIG 277X 3 CREDITS
 Prereq: SOC 134
 0493005 1 MWF 11:00-11:50 SCHWEINGRUBER D
 MEETS: JAN 13-MAY 8

NEW TESTAMENT RELIG 322 3 CREDITS
 6195005 1 TR 12:40-2:00 DEAN B
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

WOMEN AND RELIGION RELIG 336 3 CREDITS
 Prereq: RELIG 205. RELIG 210 OR W S 201
 RECOMMENDED.
 Note: Meets U.S. diversity reqmt
 3352005 1 MWF 10:00-10:50 WILSON C
 MEETS: JAN 13-MAY 8

MAGIC,WITHC,&RELIG RELIG 340 3 CREDITS
 Prereq: ANTHR 201 OR ANTHR 306
 Note: Meets international perspectives reqmt
 6198005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 6198600 XW ARRANGED DEININGER M
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

BUDDHIST PHILOSOPHY RELIG 353 3 CREDITS
 Prereq: PHIL 201 OR PHIL 230
 Note: Meets international perspectives reqmt
 5622005 1 MWF 11:00-11:50 HOLMGREN M
 MEETS: JAN 13-MAY 8

RELIGION ANC GR&ROM RELIG 368 3 CREDITS
 Note: Meets international perspectives reqmt
 9901005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

RELIGION & ECOLOGY RELIG 384 3 CREDITS
 Note: Meets international perspectives reqmt
 2740005 1 MWF 1:10-2:00 CARAWAY R
 MEETS: JAN 13-MAY 8

SEM:ISS STUDY RELIG RELIG 475 3 CREDITS
 Prereq: 6 CREDITS IN RELIGIOUS STUDIES
 6204005 1 M 11:00-1:30 AVALOS H
 MEETS: JAN 13-MAY 8

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

MAGIC,WITHC,&RELIG RELIG 540 3 CREDITS
 Note: Meets international perspectives reqmt
 9760005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 9760600 XW ARRANGED DEININGER M
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

RESEARCH & EVALUATION

INTRO QLTV RES MTHD RESEV 580 3 CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 4059005 1 T 5:30-8:20PM
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS RESEV 590 1- 3 CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRVSD FIELD EXPR RESEV 591 2- 4 CREDITS
 Prereq: RESEV 553 OR RESEV 680
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROGRAM ASSESS&EVAL RESEV 597 3 CREDITS
 Prereq: RESEV 550
 Note: COURSE RESTRICTED TO COLLEGE OF HUMAN SCIENCES
 GRADUATE STUDENTS.
 6218005 1 W 9:00-11:50
 MEETS: JAN 13-MAY 8
 6218010 2 R 9:00-11:50
 MEETS: JAN 13-MAY 8

FOUND QUALV INQUIRY RESEV 603 3 CREDITS
 Prereq: C I 601
 9228005 1 R 5:30-8:20PM
 MEETS: JAN 13-MAY 8

ADV SPECIAL TOPICS RESEV 690 1- 3 CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RESEV 699 VAR. CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN

ELEM RUSSIAN II RUS 102 4 CREDITS
 Prereq: RUS 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
 SCHOOL RUS MAY NOT ENROLL IN 102. STUDENTS WHO HAVE
 COMPLETED MORE THAN 1 YR BUT LESS THAN 3 YRS OF H.S.
 RUSSIAN ARE REQUIRED TO TAKE 1ST YEAR TESTOUT EXAM.
 Meets international perspectives reqmt
 6226005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 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 13-MAY 8
 Note: SEC 1 HYBRID FORMAT

RUSSIA TODAY RUS 375 3 CREDITS
 Note: TOPIC: FROM GORBACHEV TO PUTIN. CONTEMPORARY
 RUSSIAN CULTURE
 Meets international perspectives reqmt
 7072600 XV ARRANGED MESROPOVA O
 MEETS: MARCH 9-MAY 8
 Note: TOPIC: FROM GORBACHEV TO PUTIN. CONTEMPORARY
 RUSSIAN CULTURE
 Section XV is off campus
 Course delivery is WWW
 7072605 XW ARRANGED VOROZHBIT M
 MEETS: MARCH 9-MAY 8
 Note: TOPIC: FROM GORBACHEV TO PUTIN. CONTEMPORARY
 RUSSIAN CULTURE
 Section XW is off campus
 Course delivery is WWW

RUSSN FILM STU ENGL RUS 378 3 CREDITS
 Note: TOPIC: MASTERPIECES OF RUSSIAN CINEMA
 HYBRID
 Meets international perspectives reqmt
 5090005 1 M 6:10-9:00PM
 ARRANGED
 MEETS: MARCH 9-MAY 8

INDEPENDENT STUDY RUS 490 1- 6 CREDITS
 Prereq: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN RUS 490 MAY BE
 APPLIED TOWARD GRADUATION
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 GRADUATE PROGRAM IN STB OR
 APPROVAL OF INSTRUCTOR
 3239005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SOCIOLOGY

SOCIOLOGY ORIENTATN SOC 115 1 CREDIT
 Satisfactory-Fail Only.
 6345005 1 MW 9:00-9:50 HAGLEY M
 MEETS: JAN 13-MARCH 6

INTRO TO SOCIOLOGY SOC 134 3 CREDITS
 Note: CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 6346005 1 MWF 10:00-10:50 SCHWEINGRUBER D
 MEETS: JAN 13-MAY 8
 6346600 XW ARRANGED REGER R
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INTIMATE RELATNSHIP SOC 219 3 CREDITS
 Prereq: SOC 134
 6349005 1 TR 9:30-10:50 STEWART S
 MEETS: JAN 13-MAY 8
 6349010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

GLOBAL SUSTAINABLT SOC 220 3 CREDITS
 Note: T SC 220/ANTHR 220/ENV S 220/GLOBE 220/MAT E 220/
 M E 220/SOC 220 MAY NOT BE APPLIED AS TECHNICAL
 ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE
 Meets international perspectives reqmt
 3847005 1 MWF 11:00-11:50 HALLAM A
 MEETS: JAN 13-MAY 8

SOCIAL PROBLEMS SOC 235 3 CREDITS
 Prereq: SOC 134
 Note: Meets U.S. diversity reqmt
 6347005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

YOUTH & CRIME SOC 241 3 CREDITS
 6350005 1 MWF 2:10-3:00 HEIRIGS M
 MEETS: JAN 13-MAY 8
 6350600 XW ARRANGED HOCHSTETLER A
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

RELIGION & SOCIETY SOC 277X 3 CREDITS
 Prereq: SOC 134
 0492005 1 MWF 11:00-11:50 SCHWEINGRUBER D
 MEETS: JAN 13-MAY 8

SOC SCI RSRCH MTHDS SOC 302 3 CREDITS
 Prereq: SOC 134; STAT 101; OR CONCURRENT
 ENROLLMENT IN STAT 101
 Note: STUDENTS WHO HAVE PREVIOUSLY TAKEN SOC 202
 WILL NOT RECIEVE CREDIT FOR SOC 302.
 6354005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

SOC PSYCH:SOC PERSP SOC 305 3 CREDITS
 Prereq: SOC 134
 6355600 XW ARRANGED JONES-JOHNSON G
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

COMMUNITY SOC 310 3 CREDITS
 Prereq: SOC 134
 6321005 1 TR 3:40-5:00 DORIUS S
 MEETS: JAN 13-MAY 8

TRANSITION IN AGRIC SOC 325 3 CREDITS
 6322005 A1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 6322010 A2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 6356010 A2 MWF 10:00-10:50 POPILLION A
 MEETS: JAN 13-MAY 8

SOCIOLOGY (CONTINUED)

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
 6352600 XW ARRANGED KUSOW A
 MEETS: JAN 13-MAY 8
 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 MWF 9:00-9:50 REGER R
 MEETS: JAN 13-MAY 8
 6357010 A2 MWF 9:00-9:50 REGER R
 MEETS: JAN 13-MAY 8
 6357600 XW ARRANGED DOBRATZ B
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

POLITICS & SOCIETY SOC 334 3 CREDITS
 Prereq: A COURSE IN POLITICAL SCIENCE OR
 SOCIOLOGY
 7401005 1 TR 2:10-3:30 DOBRATZ B
 MEETS: JAN 13-MAY 8

DEVIANT & CRIM BEHAV SOC 340 3 CREDITS
 Prereq: SOC 134 OR CJ ST 240
 6358600 XW ARRANGED BEHNKEN M
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

POPULATION & SOCIETY SOC 345 3 CREDITS
 Prereq: SOC 134
 Note: Meets international perspectives reqmt
 6359005 1 TR 2:10-3:30 DORIUS S
 MEETS: JAN 13-MAY 8

GLBL POV&SUSTNB DEV SOC 348 3 CREDITS
 Prereq: SOC 134
 Note: Meets international perspectives reqmt
 9576005 1 TR 12:40-2:00 BALAYAR R
 MEETS: JAN 13-MAY 8

ENVIRONMENTL SOCIOL SOC 382 3 CREDITS
 Prereq: SOC 134 OR 3 CREDITS OF ENV S
 Note: SEC A1 RESTRICTED TO AG SO, SOC, P S A MAJORS
 SEC A2 FOR MAJORS OTHER THAN AG SO, SOC, P S A
 7713005 A1 TR 8:00-9:20 BALAYAR R
 MEETS: JAN 13-MAY 8
 7713010 A2 TR 8:00-9:20 BALAYAR R
 MEETS: JAN 13-MAY 8

CONTEM SOC THEORIES SOC 401 3 CREDITS
 Prereq: 9 CREDITS IN SOC
 6365005 1 MWF 9:00-9:50 KRIER D
 MEETS: JAN 13-MAY 8

CRIM & JUV JUST PRAC SOC 460 3-12 CREDITS
 Prereq: JR/SR CLASSIFICATN; PERMISSN OF THE CJ ST
 COORDINATOR; MAJOR OR MINOR IN 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 1 ARRANGED DELISI M
 MEETS: JAN 13-MAY 8

INDEP STUDY GEN SOC SOC 490A 1- 3 CREDITS
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
 APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
 9 CREDITS OF SOC 490 TOWARD GRADUATION.

 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY RURAL SOC SOC 490B 1- 3 CREDITS
 Prereq: 6 CR IN SOC AND INSTRUCTOR PERMISSION
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
 APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
 9 CREDITS OF SOC 490 TOWARD GRADUATION.

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS SOC 490H 1- 3 CREDITS
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR,
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
 APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
 9 CREDITS OF SOC 490 TOWARD GRADUATION. COURSE
 RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.

 SEE DEPT FOR REFERENCE NUMBERS

SOCIOLOGY (CONTINUED)

QUALITY RSRCH METHD SOC 513 3 CREDITS
 Prereq: SOC 511
 8565005 1 R 3:10-6:00PM OBERHAUSER A
 MEETS: JAN 13-MAY 8

RACE,CLS,GNDR INEQU SOC 534 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6390005 1 TR 12:40-2:00 JONES-JOHNSON G
 MEETS: JAN 13-MAY 8

SOC OF THE ENVIRNMT SOC 549 3 CREDITS
 Prereq: 6 CREDITS IN SOCIOLOGY
 6335005 1 TR 9:30-10:50 BAIN C
 MEETS: JAN 13-MAY 8

SPCL TOPICS GEN SOC SOC 590A 1- 3 CREDITS
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS RURAL SOC SOC 590B 1- 3 CREDITS
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN

 SEE DEPT FOR REFERENCE NUMBERS

MASTERS RES GEN SOC SOC 599A 1- 6 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

MASTERS RSRCH RURAL SOC 599B 1- 6 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

CONTEMP SOC THEORY SOC 607 3 CREDITS
 Prereq: 6 GRAD CREDITS IN SOC
 6413005 1 TR 9:30-10:50 KRIER D
 MEETS: JAN 13-MAY 8

RESEARCH GENERAL SOC SOC 699A 1- 8 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RURAL SOC SOC 699B 1- 8 CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE ENGINEERING

SOFTWARE ENGR ORIENT S E 101 R CREDIT
 Satisfactory-Fail Only.
 7288005 1 W 11:00-11:50
 MEETS: JAN 13-MAY 8

SOFTWR ENGR CAREERS S E 166 R CREDIT
 Satisfactory-Fail Only.
 7290005 1 T 10:00-10:50
 MEETS: JAN 13-MAY 8
 7290010 2 T 11:00-11:50
 MEETS: JAN 13-MAY 8

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 1 MW 10:00-10:50
 T 10:00-11:50
 MEETS: JAN 13-MAY 8
 4922010 2 MW 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 13-MAY 8
 4922015 3 MW 10:00-10:50
 R 4:10-6:00PM
 MEETS: JAN 13-MAY 8
 4922020 4 MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 8

SOFTWR DEV PRACTCES S E 309 3 CREDITS
 Prereq: COM S 228 WITH C- OR BETTER;
 MATH 165 WITH C- OR BETTER
 0032005 A MWF 2:10-3:00 MITRA S
 MEETS: JAN 13-MAY 8
 0032100 1 T 11:00-11:50
 MEETS: JAN 13-MAY 8
 0032105 2 T 1:10-2:00
 MEETS: JAN 13-MAY 8
 0032110 3 T 3:10-4:00
 MEETS: JAN 13-MAY 8

CONSTR USER INTRFAC S E 319 3 CREDITS
 Prereq: COM S 228
 7191005 1 MWF 11:00-11:50 JANNESARI A
 MEETS: JAN 13-MAY 8

SOFTWARE PROJECT MGT S E 329 3 CREDITS
 Prereq: COM S 309
 7377005 1 TR 12:40-1:55
 MEETS: JAN 13-MAY 8

SOFTWARE ENGINEERING (CONTINUED)

SFTWR ARCHITC&DSIGN S E 339 3 CREDITS
 Prereq: S E 319
 7259005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

PRIN PROGR LANGUAGS S E 342 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228;
 C- OR BETTER IN MATH 165; COM S 230 OR CPR E 310
 Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC
 FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T
 REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE
 COURSE DUE TO INCOMPLETE REGISTRATION.
 1043005 A TR 2:10-3:30 BASU S
 MEETS: JAN 13-MAY 8
 1043100 1 W 9:00-9:50
 MEETS: JAN 13-MAY 8
 1043105 2 W 4:10-5:00
 MEETS: JAN 13-MAY 8
 1043015 3 W 11:00-11:50
 MEETS: JAN 13-MAY 8

OBJCT-ORIEN ANALY&D S E 362 3 CREDITS
 Prereq: C- OR BETTER IN COM S 228;
 C- OR BETTER IN MATH 165; ENGL 250
 0033005 1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

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 311, STAT 330
 7257005 1 TR 3:40-5:00 BASU S
 MEETS: JAN 13-MAY 8

LG SC DTA ANLY SFTW S E 419 4 CREDITS
 7517005 1 MW 5:10-6:30PM
 W 8:00-9:50
 MEETS: JAN 13-MAY 8
 7517010 2 MW 5:10-6:30PM
 R 11:00-12:50
 MEETS: JAN 13-MAY 8
 7517015 3 MW 5:10-6:30PM
 R 1:10-3:00
 MEETS: JAN 13-MAY 8

SFTWRE SAFETY ANALY S E 421 3 CREDITS
 Prereq: COM S 309; CPR E 310 OR COM S 230
 8648005 1 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY S E 490 VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESIGN PROJECT I S E 491 3 CREDITS
 Prereq: S E 329; S E 339; CPR E 308 OR COM S 352;
 ENGL 309 OR ENGL 314
 Note: COURSE RESTRICTED TO CPR E, E E, S E MAJORS
 JUNIORS AND ABOVE
 7366005 1 T 2:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8

SR DESIGN PROJCT II S E 492 2 CREDITS
 Prereq: S E 491
 7371005 1 R 2:10-3:00, ARRANGED
 MEETS: JAN 13-MAY 8

S E PORTFOLIO DEVEL S E 494 R CREDIT
 Prereq: CREDIT OR ENROLLMENT IN S E 491
 6467005 1 M 4:10-5:00
 MEETS: JAN 13-MAY 8

SPANISH

ACCEL SPNISH REVIEW SPAN 97 0 CREDITS
 Prereq: TWO YEARS BUT LESS THAN THREE YEARS OF
 HIGH-SCHOOL SPANISH
 Note: DEVELOPMENTAL SPANISH FEE APPLIES. SEE
 HTTP://WWW.REGISTRAR.IASTATE.EDU/FEES/OTHFEE.SHTML
 FOR MORE INFORMATION ON THIS FEE.
 8246005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 8246010 2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

ELEMENTRY SPANISH I SPAN 101 4 CREDITS
 6473005 1 MTWR 9:00-9:50
 MEETS: JAN 13-MAY 8
 6473010 2 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 8

SPANISH (CONTINUED)

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 13-MAY 8
 6474010 2 MTWR 10:00-10:50
 MEETS: JAN 13-MAY 8
 6474015 3 MTWR 11:00-11:50
 MEETS: JAN 13-MAY 8
 6474020 4 MTWR 12:10-1:00
 MEETS: JAN 13-MAY 8

INTERMED SPANISH I SPAN 201 4 CREDITS
 Prereq: SPAN 102 OR PLACEMENT BY DEPARTMENTAL
 EXAM
 Note: Meets international perspectives reqmt
 6477005 1 MWR 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8
 6478010 2 MTWR 11:00-11:50
 MEETS: JAN 13-MAY 8
 6478015 3 MTWR 12:10-1:00
 MEETS: JAN 13-MAY 8
 6478020 4 MTWR 9:00-9:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8

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 13-MAY 8
 6160010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 6160015 3 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

SPANISH FOR PROFSNL SPAN 304 3 CREDITS
 Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL
 EXAM; SPAN 303B RECOMMENDED
 Note: Meets international perspectives reqmt
 6482005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 6482010 2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

TXTUAL&MEDIA ANALYS SPAN 314 3 CREDITS
 Prereq: SPAN 303A OR SPAN 303B
 Note: Meets international perspectives reqmt
 8894005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 8894010 2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

LATIN AMER CIVILIZA SPAN 322 3 CREDITS
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL
 Note: Meets international perspectives reqmt
 6484005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

SPAIN TODAY SPAN 323 3 CREDITS
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL
 Note: Meets international perspectives reqmt
 4047005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW
 4047600 XW ARRANGED LADNER E
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

MDWST LATINO CMUNTY SPAN 325X 3 CREDITS
 0327005 1 F 12:10-3:00
 MEETS: JAN 13-MAY 8

STU HISPAN ART/FILM SPAN 326 3 CREDITS
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL
 Note: Meets international perspectives reqmt
 5030600 XW ARRANGED WALDEMER T
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

SPANISH

(CONTINUED)

SPECIAL EDUCATION

(CONTINUED)

STDI LATIN AMER LIT SPAN 332 3 CREDITS
 Prereq: SPAN 314
 Note: Meets international perspectives reqmt
 6487005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

INTR SPAN/ENG TRNSL SPAN 351 3 CREDITS
 Prereq: SPAN 303A OR SPAN 303B OR SPAN 304
 Note: Meets international perspectives reqmt
 5071600 XW ARRANGED PARDO-BALLESTER
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

INTR SPANSH PHONOLG SPAN 352 3 CREDITS
 Prereq: SPAN 303A OR SPAN 303B OR SPAN 304
 Note: Meets international perspectives reqmt
 3382005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

SEM LIT&CUL LATN AM SPAN 445 3 CREDITS
 Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333
 (RECOMMEND SPAN 332 & SPAN 333)
 Note: Meets international perspectives reqmt
 6496005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

CONTRST SPAN ENGLISH SPAN 462 3 CREDITS
 Prereq: SPAN 351
 1486005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY SPAN 490 1- 6 CREDITS
 Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED
 TOWARD GRADUATION.
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSN
 OF ADVISER AND WORLD LANGUAGES AND CULTURES
 INTERNSHIP COORDINATOR
 Note: NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE
 APPLIED TOWARD GRADUATION IN THE MAJOR
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

STU HISPAN ART/FILM SPAN 526 3 CREDITS
 Prereq: 6 CR IN SPAN LIT OR CULTURE AT 400 LEVEL
 Note: Meets international perspectives reqmt
 4728600 XW ARRANGED WALDEMER T
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

SEM LIT&CUL LATN AM SPAN 545 3 CREDITS
 Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT
 400 LEVEL
 Note: TOPIC: WORLD LITERATURE IN SPANISH
 7468005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

SPL TOP SPAN CIVLZN SPAN 590D 1- 4 CREDITS
 Prereq: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN
 3907005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPECIAL EDUCATION

EXCEPTIONAL LEARNER SP ED 250 3 CREDITS
 Prereq: EDUC 204 OR EDUC 205
 Note: Meets U.S. diversity reqmt
 6452005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

CLSRM ASSESMT SP ED SP ED 365 3 CREDITS
 Prereq: SP ED 330; EDUC 377
 Note: ADMISSION TO EDUCATOR PREP PROGRAM
 6454005 1 W 1:10-4:00
 MEETS: JAN 13-MAY 8

TCH SCDRY EXCEP GEN SP ED 401 3 CREDITS
 Note: ADMISSION TO EDUCATOR PREP PROGRAM
 5059005 1 TR 11:00-12:15
 MEETS: JAN 13-MAY 8

ASMT&INSTR INCLS K3 SP ED 405 4 CREDITS
 Prereq: SP ED 250 OR EQUIVALENT, EDUC 377,
 EDUC 438; ADMISSION TO TEACHER EDUCATION;
 CONCURRENT ENROLLMENT IN SP ED 458, EDUC 433,
 EDUC 439, EDUC 468I
 Note: IN SCHOOLS FEB 19-MARCH 14
 5773005 1 MW 11:00-1:30
 MEETS: JAN 13-MAY 8

SUPV STUDENT TEACHG SP ED 416 VAR. CREDITS
 Prereq: FULL ADMISSION TO TEACHER EDUC, SENIOR
 CLASSIFICATION, MAJOR IN ELEMENTARY EDUC, SP ED 330,
 SP ED 334, SP ED 365, SP ED 436, SP ED 439,
 EDUC 2801, EDUC 452
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE EDUCATOR PREP PROGRAM
 OFFERED FOR 8 CREDITS SPRING 2020
 Department permission required 1st week.
 3286005 1A ARRANGED
 MEETS: JAN 13-MARCH 6
 3286015 1R ARRANGED
 MEETS: JAN 13-MARCH 6
 3286010 2A ARRANGED
 MEETS: MARCH 9-MAY 8
 3286020 2R ARRANGED
 MEETS: MARCH 9-MAY 8

INST MTHD M/MO DSAB SP ED 436 3 CREDITS
 Prereq: EDUC 245, CONCURRENT ENROLLMENT IN SP ED
 365
 Note: ADMISSION TO THE EDUCATOR PREP PROGRAM
 1884010 2 M 1:10-4:00
 MEETS: JAN 13-MAY 8

PRE-TCHG III:M/M K3 SP ED 458 1 CREDIT
 Prereq: EDUC 377, EDUC 438, ADMISSION TO TEACHER
 EDUCATION
 Note: IN SCHOOLS FEB 18-MARCH 13
 Satisfactory-Fail Only.
 5841005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY SP ED 490 1- 5 CREDITS
 Prereq: 12 CR IN EL ED
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TCH STRUGL ADOL RDR SP ED 553 3 CREDITS
 Prereq: TEACHING LICENSE OR SENIOR CLASSIFICATION
 7663005 1 W 5:10-8:00PM
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS SP ED 590 1- 5 CREDITS
 Prereq: 6 CREDITS 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 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 8643005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 8643010 2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 8643015 3 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 8643020 4 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 8643025 5 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 8643030 6 TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 8643035 7 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 8643040 8 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 8643045 9 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 8643050 10 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 8643055 11 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 8643060 12 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

SPEECH COMMUNICATION

(CONTINUED)

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 8643065 13 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 8643070 14 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 8643075 15 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 8643080 16 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 8643085 17 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 8643090 18 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 8643095 19 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 8643100 20 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 8643105 21 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 8643110 22 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 8643115 23 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 8643120 24 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 8643125 25 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8
 8643130 26 TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 8643135 27 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 8643140 28 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 8643145 29 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 29 THIS SECTION IS FOR STUDENTS THAT PARTICIPATE IN SERVICE LEARNING, PRACTICING ADVOCATING FOR IMPORTANT ISSUES IN REAL-WORLD CONTEXTS.
 8643150 30 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 8643155 31 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 8643160 32 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 8643165 33 TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 8643170 34 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 8643175 35 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 8643180 36 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 8643185 37 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 8643205 38 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 8643210 39 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 8643215 40 TR 12:40-2:00
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 40 IS A WEB-BLENDED COURSE WITH 50% OF CLASS TAKING PLACE ONLINE AND 50% OF CLASS MEETINGS TAKING PLACE ON CAMPUS AT THE TIME AND LOCATION THIS INDICATED ABOVE. THIS COURSE WILL HAVE 16 ON CAMPUS MEETINGS OCCURRING ON 1/14, 1/30, 2/11, 2/18, 2/20, 2/25, 2/27, 3/12, 3/26, 3/31, 4/2, 4/7, 4/9, 4/21, 4/23, 4/30,
 Course delivery is WWW
 8643220 41 TR 2:10-3:30, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 41 IS A WEB-BLENDED COURSE WITH 50% OF CLASS TAKING PLACE ONLINE AND 50% OF CLASS MEETINGS TAKING PLACE ON CAMPUS AT THE TIME AND LOCATION THIS INDICATED ABOVE. THIS COURSE WILL HAVE 16 ON CAMPUS MEETINGS OCCURRING ON 1/14, 1/30, 2/11, 2/18, 2/20, 2/25, 2/27, 3/12, 3/26, 3/31, 4/2, 4/7, 4/9, 4/21, 4/23, 4/30,
 Course delivery is WWW
 8643225 42 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 8643230 43 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

HONORS PUBLIC SPEAK SP CM 212H 3 CREDITS
 Prereq: MEMBERSHIP IN THE UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 8819005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

GREAT AMER SPEECHES SP CM 216 3 CREDITS
 Note: Meets U.S. diversity reqmt
 4976005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

SPEECH COMMUNICATION

(CONTINUED)

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

LANGUAG,THOUGHT&ACT SP CM 305 3 CREDITS
 Prereq: ENGL 250
 Note: Instructor permission required 1st week.
 6427005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

BUSINESS&PRO SPEAKG SP CM 312 3 CREDITS
 Prereq: SP CM 212
 Note: COURSE RESTRICTED TO MAJORS OTHER THAN SP CM.
 6429005 A1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 6429010 A2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 6429015 B1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 6429020 B2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 6429025 C1 MW 3:10-4:30, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC C1 DELIVERY WEB IN CLASSROOM BLENDED WITH 60 % OF CLASS MEETINGS TAKING PLACE ONLINE. 10 ON-CAMPUS MEETINGS 1/13,2/12,2/24,2/26,3/11,3/23,3/25,4/22,4/27,4/29, AND 2 ON CAMPUS BY APPOINTMENT
 CONFERENCES WITH INSTRUCTOR
 6429030 C2 MW 3:10-4:30, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC C2 DELIVERY WEB IN CLASSROOM BLENDED WITH 60 % OF CLASS MEETINGS TAKING PLACE ONLINE. 10 ON-CAMPUS MEETINGS 1/13,2/12,2/24,2/26,3/11,3/23,3/25,4/22,4/27,4/29, AND 2 ON CAMPUS BY APPOINTMENT
 CONFERENCES WITH INSTRUCTOR
 6429035 D1 TR 12:40-2:00
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC D1 DELIVERY WEB IN CLASSROOM BLENDED WITH 60 % OF CLASS MEETINGS TAKING PLACE ONLINE. 10 ON-CAMPUS MEETINGS 1/14,2/13,2/25,2/27,3/12,3/24,3/26,4/23,4/28,4/30, AND 2 ON CAMPUS BY APPOINTMENT
 CONFERENCES WITH INSTRUCTOR
 6429040 D2 TR 12:40-2:00
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC D2 DELIVERY WEB IN CLASSROOM BLENDED WITH 60 % OF CLASS MEETINGS TAKING PLACE ONLINE. 10 ON-CAMPUS MEETINGS 1/14,2/13,2/25,2/27,3/12,3/24,3/26,4/23,4/28,4/30, AND 2 ON CAMPUS BY APPOINTMENT
 CONFERENCES WITH INSTRUCTOR

GENDER & COMMUNICTN SP CM 323 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2640005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 2640010 2 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 2640015 3 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

RHETORICAL TRADITNS SP CM 350 3 CREDITS
 Prereq: ENGL 250
 3005005 A1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM MAJORS ONLY
 3005010 A2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM
 3005015 B1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC B1 RESTRICTED TO CL ST, ENGL, SP CM MAJORS ONLY
 3005020 B2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM

SEMINAR SP CM 404 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION OR ABOVE
 Note: TOPIC: COMMUNICATION & SPORT
 2233005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY SP CM 490 1- 3 CREDITS
 Prereq: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATN, PERMISSION OF PROGRAM DIRECTOR
 Note: NO CREDITS IN SP CM 490 MAY BE APPLIED TOWARD THE MINOR
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPEECH COMMUNICATION (CONTINUED)

DIRECT SPEECH ACTIV SP CM 495A 1 CREDIT
 Prereq: C I 301; 9 CR IN SP CM; MINIMUM GPA
 OF 2.5 IN SP CM COURSES
 6445005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

CAPSTONE SEMINAR SP CM 497 3 CREDITS
 Prereq: 15 CR IN SP CM; JR OR SR CLASSIFICATION
 Note: FOR IRC SENIORS ONLY
 8572005 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

COMMUNIC INTERNSHIP SP CM 499 1- 3 CREDITS
 Prereq: 18 CR IN SP CM COURSES, OTHER COURSES
 ADVISER DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR
 STANDING; CUM GPA OF AT LEAST 2.5 OVERALL & 3.0
 IN SP CM; PERMISSION OF THE INTERNSHIP COMMITTEE
 Note: NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD
 THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN
 SP CM 499 MAY BE APPLIED TOWARD THE MINOR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR SP CM 504 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION OR ABOVE
 Note: TOPIC: COMMUNICATION & SPORT
 2127005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS SP CM 590 1- 4 CREDITS
 Prereq: PERMISSION OF PROGRAM CHAIR
 Note: NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE
 MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM
 590 MAY BE APPLIED TOWARD THE MINOR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CORE STU:PRO CMUNIC SP CM 592C 3 CREDITS
 Prereq: 12 CR IN REHTORIC, LINGUISTICS, OR LIT
 EXCLUDING ENGL 150 AND ENGL 250
 1388005 1 TR 2:10-3:50
 MEETS: JAN 13-MAY 8
 Note: COURSE RESTRICTED TO GRADUATE ACCT MAJORS

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 1 MWF 9:00-9:50
 M 12:10-2:00
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6502010 2 MWF 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6502015 3 MWF 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6502020 4 MWF 10:00-10:50
 T 4:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6502025 5 MWF 11:00-11:50
 W 12:10-2:00
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6502030 6 MWF 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6502035 7 MWF 3:10-4:00
 R 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6502040 8 MWF 3:10-4:00
 R 4:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6502045 9 MWF 2:10-3:00
 T 10:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6502050 10 MWF 2:10-3:00
 T 12:10-2:00
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6502055 11 MWF 1:10-2:00
 W 8:00-9:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

6502060 12 MWF 1:10-2:00
 W 10:00-11:50
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required 1st week.

STATISTICS (CONTINUED)

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 1 TR 1:10-2:00
 F 12:10-2:00
 MEETS: JAN 13-MAY 8

6503010 2 TR 2:10-3:00
 F 2:10-4:00
 MEETS: JAN 13-MAY 8

6503015 3 TR 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 13-MAY 8

6503020 4 TR 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 13-MAY 8

6503025 5 MW 8:00-8:50
 R 12:10-2:00
 MEETS: JAN 13-MAY 8

6503030 6 MW 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 13-MAY 8

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.
 COURSE RESTRICTED TO MATH AND STAT MAJORS ONLY

4709005 1 MWF 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 13-MAY 8

CAREER DEV MATH&STT STAT 202 1 CREDIT
 Satisfactory-Fail Only.
 0091005 1 R 3:40-5:30
 MEETS: JAN 13-MAY 8

INTR BUSINES STAT I STAT 226 3 CREDITS
 Prereq: MATH 150 OR MATH 165
 Note: ON-CAMPUS SEC. RESTRICTED TO ACCT, AG B, BUS S,
 BUSAD, BUSEC, BUS U, ECON, ENTSP, FIN, I BUS, LOMIS,
 MGMT, MIS, MKT, P BUS, SCM MAJORS ONLY.
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED
 TOWARD GRADUATION: STAT 226, STAT 101, STAT 104,
 STAT 105, STAT 201.

3975005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

3975010 2 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

3975015 3 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

3975020 4 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

3975025 5 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

3975030 6 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

3975035 7 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

3975040 8 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

3975045 9 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

PROB&INFERNC, ENGRS STAT 231 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 265
 (OR MATH 265H)
 Note: Instructor permission required 1st week.

6507005 1 MTRF 8:00-8:50
 MEETS: JAN 13-MAY 8

6507010 2 MTRF 12:10-1:00
 MEETS: JAN 13-MAY 8

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 1 TR 9:30-10:50
 R 4:10-6:00PM
 MEETS: JAN 13-MAY 8

4710010 2 TR 8:00-9:20
 R 2:10-4:00
 MEETS: JAN 13-MAY 8

ENGINEERING STAT STAT 305 3 CREDITS
 Prereq: MATH 165
 Note: CREDIT FOR EITHER STAT 105 OR STAT 305,
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 ON-CAMPUS SECTIONS RESTRICTED TO ENGR COLLEGE MAJORS
 AND MTEOR, PHYS, PHYSA, COM S, P CS MAJORS ONLY.

6509005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

6509010 2 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

6509015 3 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

6509020 4 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

6509025 5 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

STATISTICS

(CONTINUED)

STATISTICS

(CONTINUED)

ENGINEERING STAT STAT 305 3 CREDITS
 6509030 6 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 6509035 7 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 6509600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

PROBAB MTH,ELEC ENG STAT 322 3 CREDITS
 Prereq: E E 224
 6857005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

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 1 MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 13-MAY 8
 6510010 2 MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 6510015 3 MW 3:10-4:00
 R 12:10-2:00
 MEETS: JAN 13-MAY 8
 6510020 4 MW 3:10-4:00
 R 2:10-4:00
 MEETS: JAN 13-MAY 8
 6510025 5 MW 3:10-4:00
 R 4:10-6:00PM
 MEETS: JAN 13-MAY 8
 6510030 6 MW 3:10-4:00
 F 10:00-11:50
 MEETS: JAN 13-MAY 8
 6510035 7 MW 1:10-2:00
 F 10:00-11:50
 MEETS: JAN 13-MAY 8
 6510040 8 MW 1:10-2:00
 F 12:10-2:00
 MEETS: JAN 13-MAY 8
 6510045 9 MW 3:10-4:00
 F 2:10-4:00
 MEETS: JAN 13-MAY 8
 6510050 10 MW 1:10-2:00
 F 8:00-9:50
 MEETS: JAN 13-MAY 8

PROBAB&STAT COM SCI STAT 330 3 CREDITS
 Prereq: MATH 166
 7372005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 7372010 2 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

INTR THY PROBAB&S I STAT 341 4 CREDITS
 Prereq: MATH 265 (OR MATH 265H)
 Note: CREDIT FOR EITHER STAT/MATH 341 OR STAT 447,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

6511005 1 MWF 9:00-9:50
 T 2:10-4:00
 MEETS: JAN 13-MAY 8

INTR THY PR&STAT II STAT 342 4 CREDITS
 Prereq: STAT 201 OR EQUIVALENT; STAT 341;
 MATH 207 OR MATH 317
 6512005 1 MWF 10:00-10:50
 T 12:10-2:00
 MEETS: JAN 13-MAY 8

STAT QUALITY ASSURN STAT 361 3 CREDITS
 Prereq: STAT 231 OR STAT 401
 6513005 1 T 3:40-5:30
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO I E & STAT MAJORS ONLY

COOPERATIVE EDUCATN STAT 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 1530005 1 ARRANGED
 MEETS: JAN 13-MAY 8

STAT DESIGN&EXPERMT STAT 402 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 6515005 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 FOR HD FS, H SCI, POL S, PSYCH AND SOC
 MAJORS ONLY.
 6515010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR PHYS SCIENCES, MATH, ENGR,
 UNDERGRADS
 6515015 3 MWF 3:10-4:00
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO A E, A B E, BMBA, BEMBS,
 DIETH, EOB, EOB, EOB, 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 1 MW 1:10-2:00
 F 1:10-3:00
 MEETS: JAN 13-MAY 8

ST MTH SPATIAL DATA STAT 406 3 CREDITS
 Prereq: 6 HOURS OF STAT AT THE 400-LEVEL
 4015005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

SURVEY SAMPL TECHNQ STAT 421 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401; STAT
 341
 6520005 1 TR 8:30-9:20
 R 12:10-2:00
 MEETS: JAN 13-MAY 8

BAYESIAN DATA ANALY STAT 444 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401;
 STAT 342 OR STAT 447
 8928005 1 MW 10:00-10:50
 T 12:10-2:00
 MEETS: JAN 13-MAY 8

APPLIED TIME SERIES STAT 451 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 Note: Instructor permission required 1st week.
 6524005 1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 6524600 XW ARRANGED MEEKER W
 MEETS: JAN 13-MAY 8
 Note: 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 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

STAT COMPUTING APPL STAT 480 3 CREDITS
 Prereq: STAT 301 OR STAT 326 OR STAT 401
 6525005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY STAT 490 VAR. CREDITS
 Prereq: 10 CREDITS IN STATISTICS
 Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS STAT 490H VAR. CREDITS
 Prereq: 10 CR IN STAT, MEMBERSHIP IN HONORS PROG
 Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MULTIVAR STAT METHD STAT 501 3 CREDITS
 Prereq: STAT 500; STAT 542; STAT 479 OR EQUIV;
 KNOWLEDGE OF MATRIX ALGEBRA
 6530005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

APP MOD MLTVRT LRNG STAT 502 3 CREDITS
 Prereq: STAT 500, STAT 542, STAT 579
 9789005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

ST MTH SPATIAL DATA STAT 506 3 CREDITS
 Prereq: STAT 447 OR STAT 542
 4078005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

STATISTCL MTHDS II STAT 510 3 CREDITS
 Prereq: STAT 500; STAT 447 OR CREDIT OR
 ENROLLMENT IN STAT 543
 4867005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 4867600 XW ARRANGED NETTLETON D
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

RELIABILITY STAT 533 3 CREDITS
 Prereq: STAT 342 OR STAT 432 OR STAT 447
 6538005 1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 6538600 XW ARRANGED MEEKER W
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

THRY PROBAB&STAT II STAT 543 3 CREDITS
 Prereq: STAT 542
 6547005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

STATISTICS (CONTINUED)

STATISTICS (CONTINUED)

BAYESIAN STATISTICS STAT 544 3 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMT IN STAT 543
 6548005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

STAT BIOINFORMATICS STAT 568 3 CREDITS
 Prereq: BCB 567 OR BIOL 315 AND STAT 430;
 CREDIT OR ENROLLMENT IN GEN 409
 5070005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8

STATISTCL COMPUTING STAT 580 3 CREDITS
 Prereq: STAT 579; STAT 447 OR STAT 542
 6553005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

ANLY GENE EXPRS DTA STAT 581 3 CREDITS
 Prereq: STAT 401 OR STAT 587
 Note: CREDIT IN STAT 581 MAY NOT BE APPLIED TOWARD
 GRADUATION AS GRADUATE CREDIT IN STATISTICS MS
 AND PH D DEGREE PROGRAMS. CREDIT IN EITHER STAT 581
 OR STAT 416, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION.
 3662005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

STAT MTHD FOR RSRCH STAT 587 4 CREDITS
 Prereq: ONE OF THE FOLLOWING: STAT 101, STAT 104,
 STAT 105, STAT 201, STAT 226, OR EQUIVALENT UNDERGRAD
 LEVEL APPLIED STATISTICS COURSE; OR PERMISSION OF
 DEPARTMENT
 Note: CREDIT IN STAT 587 MAY NOT BE APPLIED TOWARD
 GRADUATION AS GRADUATE CREDIT IN STATISTICS MS
 AND PH D DEGREE PROGRAMS. CREDIT IN EITHER
 STAT 587 OR STAT 401, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION.
 3680005 1 TR 11:00-12:20
 F 2:10-4:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1 FOR TO POL S, EDUC, HD FS, PSYCH,
 SOC, INTST, INDIS MAJORS
 Instructor permission required 1st week.
 3680600 XW ARRANGED NORDMAN D
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

STAT THEORY FOR RES STAT 588 4 CREDITS
 Prereq: MATH 151 AND INSTR PERMISSN, OR MATH 265
 Note: CREDIT IN STAT 588 MAY NOT BE APPLIED TOWARD
 GRADUATION AS GRADUATE CREDIT IN STATISTICS MS
 AND PH D DEGREE PROGRAMS. CREDIT IN STAT 588 OR
 STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION.
 3694005 1 TR 12:40-2:00
 W 1:10-2:00
 MEETS: JAN 13-MAY 8

SPECL TOPICS THEORY STAT 590A VAR. CREDITS
 6554005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP DESGN EXPER STAT 590C VAR. CREDITS
 6556005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOP SAMP SURVEY STAT 590D VAR. CREDITS
 6557005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPL TOPCS STAT EDUC STAT 590E VAR. CREDITS
 8521005 1 ARRANGED
 MEETS: JAN 13-MAY 8

COOPERATIVE EDUCATN STAT 598 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT CHAIR
 4153002 1 ARRANGED
 MEETS: JAN 13-MAY 8

CREATIVE COMPONENT STAT 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV STATISTIC METHDS STAT 601 3 CREDITS
 Prereq: STAT 520, STAT 543 AND MATH 414 OR
 ENROLLMENT IN STAT 641
 6559005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

ADV THRY SURVEY STT STAT 621 3 CREDITS
 Prereq: STAT 521
 6563005 1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

ADV PROBABILTY THRY STAT 642 3 CREDITS
 Prereq: STAT 641, OR STAT 543 AND MATH 515
 6565005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

ADV STOCHAST PROCES STAT 645 3 CREDITS
 3767005 1 M 9:30-10:45
 F 8:00-9:15
 MEETS: JAN 13-MAY 8

ADV SPL TOPC THEORY STAT 690A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6851005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV SPL TOP METHODS STAT 690B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: TOPIC: MODERN STATISTICAL LEARNING II
 OFFERED FOR 1 CREDIT SPRING 2020
 6852005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV TOP DSIGN EXPER STAT 690C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6854005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV TOP SAMP SURVEY STAT 690D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6855005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV TOP STAT COMPUT STAT 690E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1709005 1 ARRANGED
 MEETS: JAN 13-MAY 8

ADV TOPICS GRAPHICS STAT 690F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3189005 1 ARRANGED
 MEETS: JAN 13-MAY 8

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

SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
 Prereq: ECON 101, STAT 226
 Note: SEC A1,B1,ECT RESTRICTED TO ACCT, ACSCI, 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 13-MAY 8

1629010 A2 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

1629015 B1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

1629020 B2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

1629025 C1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

1629030 C2 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8

1629035 D1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

1629040 D2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

1629045 E1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

1629050 E2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8

1629055 F1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

1629060 F2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

1629065 G1 W 6:40-9:25PM
 MEETS: JAN 13-MAY 8

1629070 G2 W 6:40-9:25PM
 MEETS: JAN 13-MAY 8

1629075 J1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

1629080 J2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

1629085 K1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

1629090 K2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

1629095 L1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

1629100 L2 TR 3:40-5:00
 MEETS: JAN 13-MAY 8

1629105 M1 T 2:10-3:25, ARRANGED
 MEETS: JAN 13-MAY 8

SUPPLY CHAIN MANAGEMENT (CONTINUED)

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
 1629110 M2 T 2:10-3:25, ARRANGED
 MEETS: JAN 13-MAY 8
 1629115 N1 R 2:10-3:25, ARRANGED
 MEETS: JAN 13-MAY 8
 1629120 N2 R 2:10-3:25, ARRANGED
 MEETS: JAN 13-MAY 8

PROJECT MANAGEMENT SCM 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MIS 301
 Note: COURSE RESTRICTED TO BUS COLLEGE UNDERGRADS
 EXCEPT P BUS. NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN
 7426005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 7426010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 7426015 3 TR 3:40-4:55
 MEETS: JAN 13-MAY 8
 7426020 4 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

PROCSS MGT,AN&IMPRV SCM 424 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO ACCT, ACSCI, BUS S, BUS U,
 BUSEC, ENTSP, FIN, I BUS, MGMT, MIS, MKT, SCM
 UNDERGRAD MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN
 FOR PERMISSION.
 5287005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 5287010 2 TR 2:10-3:25
 MEETS: JAN 13-MAY 8
 5287015 3 TR 5:10-6:25PM
 MEETS: JAN 13-MAY 8

SUPPLY CHAIN ANLYTC SCM 430X 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO UNDERGRAD STDUENTS EXCEPT
 P BUS.
 0402005 1 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

ERP SYS&SUPLY CHAIN SCM 450 3 CREDITS
 Prereq: SCM 301, MIS 301 OR I E 148, I E 341
 8120005 A1 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO MIS, SCM MAJORS ONLY
 8120010 A2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC A2 RESTRICTED TO ACCT, ACSCI, BUSEC,
 BUS U, FIN, ENTSP, MGMT, MKT, UNDERGRAD MAJORS ONLY

SPLY CHN PLAN&CNTRL SCM 453 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO COLLEG OF BUSINESS
 MAJOR EXCEPT P BUS. GRAD STUDENTS SEE 1200
 GERDIN FOR PERMISSION.
 4729005 1 TR 8:00-9:15
 MEETS: JAN 13-MAY 8
 4729010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 4729015 3 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

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, ACSCI, BUS S, BUS U,
 BUSEC, ENTSP, FIN, MGMT, MIS, MKT MAJORS ONLY.
 NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION
 FROM 1200 GERDIN.
 6790005 A1 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 6790010 A2 TR 9:30-10:45
 MEETS: JAN 13-MAY 8
 6790015 B1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 6790020 B2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8

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, ACSCI, BUS S,
 BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT UNDERGRADS
 6791005 A1 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 6791010 A2 MWF 9:00-9:50
 MEETS: JAN 13-MAY 8
 6791015 B1 W 6:40-9:25PM
 MEETS: JAN 13-MAY 8
 6791020 B2 W 6:40-9:25PM
 MEETS: JAN 13-MAY 8
 6791025 C1 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8
 6791030 C2 MWF 12:10-1:00
 MEETS: JAN 13-MAY 8

SUPPLY CHAIN MANAGEMENT (CONTINUED)

TRANSPO CARRIER MGT SCM 462 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN SCM 461
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS
 STUDENTS EXCEPT P BUS.
 6792005 1 TR 3:40-4:55
 MEETS: JAN 13-MAY 8

GLOBL TRADE MANAGMT SCM 466 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO ACCT, ACSCI, BUS S,
 BUS U, ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRAD
 MAJORS ONLY.
 6793005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

PRIN PRCHS&SPLY MGT SCM 486 3 CREDITS
 Prereq: SCM 301
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 ENTSP, FIN, I BUS, MGMT, MIS, MKT, SCM MAJORS
 ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION
 4788005 1 MW 9:00-9:50, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 1 IS A HYBRID CLASS THAT WILL MEET
 MONDAY & WEDNESDAY IN CLASSROOM WITH THE
 REMAINDER OF THE COURSE CONTENT DELIVERED
 ONLINE.
 4788010 2 MW 3:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 2 IS A HYBRID CLASS THAT WILL MEET
 MONDAY & WEDNESDAY IN CLASSROOM WITH THE
 REMAINDER OF THE COURSE CONTENT DELIVERED
 ONLINE.
 4788015 3 M 6:40-8:20PM
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC 3 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
 Note: COURSE RESTRICTED TO SCM MAJORS ONLY
 CLASS WILL MEET MONDAY IN CLASSROOM WITH THE
 REMAINDER OF THE COURSE CONTENT ARRANGED
 4577005 1 M 5:10-6:25PM
 ARRANGED
 MEETS: JAN 13-MAY 8

SUPPLY CHAIN MGMT SCM 501 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 9391005 1 TR 7:30-10:50
 MEETS: FEB 25-APRIL 9
 9391600 XA TR 5:50-9:10PM MARTENS B
 MEETS: FEB 25-APRIL 9
 Note: Department permission required.
 Section XA is off campus
 Course delivery is WWW

ENTRPRS SPLY CH SYS SCM 540X 3 CREDITS
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 0465005 1 MW 2:10-3:25
 MEETS: JAN 13-MAY 8

STRATEGC LOGIST MGT SCM 560 3 CREDITS
 Prereq: SCM 501 OR PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 6797600 XW ARRANGED
 MEETS: JAN 13-APRIL 10
 Note: Section XW is off campus
 Course delivery is WWW

SPECIAL TOPICS SCM 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMNR OPERATNS MGMT SCM 605 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN SCM 601
 Note: COURSE RESTRICTED TO BUSINESS COLLEGE
 GRADUATE STUDENTS
 8045005 1 R 8:00-10:50
 MEETS: JAN 13-MAY 8

SUSTAINABLE AGRICULTURE

SOC OF THE ENVIRNMT SUSAG 549 3 CREDITS
 Prereq: 6 CREDITS IN SOCIOLOGY
 0450005 1 TR 9:30-10:50 BAIN C
 MEETS: JAN 13-MAY 8

SUSTAINABLE AGRICULTURE (CONTINUED)

AGROFORESTRY SYSTMS SUSAG 571 3 CREDITS
 Prereq: 6 CR IN BIOL SCI AT 300-LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 5077005 1 TR 8:00-9:15 RUSSELL A
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS SUSAG 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SUSTAINB AG COLLOQU SUSAG 600 1 CREDIT
 5035005 1 W 3:10-5:00
 MEETS: JAN 13-MAY 8

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

SUSTAINABLE ENVIRONMENTS

SUSTNBL DSN STDIO I SUS E 501 6 CREDITS
 Prereq: GRADUATE STANDING OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 3009005 1 WF 1:10-5:20, ARRANGED STEWART A
 MEETS: JAN 13-MAY 8

SUSTN DSN COLLOQ II SUS E 512 1 CREDIT
 Prereq: SUS E 511
 3625005 1 M 6:10-8:00PM STEWART A
 MEETS: JAN 13-MAY 8

TECHNOLOGY SYSTEMS MANAGEMENT

EXPERNCING TECHNOL TSM 111 1 CREDIT
 Prereq: AST AND I TEC MAJORS ONLY OR PERMISSION
 OF INSTRUCTOR
 8507005 1 M 3:10-5:00
 MEETS: JAN 13-MARCH 6
 8507010 2 M 3:10-5:00
 MEETS: MARCH 9-MAY 8
 8507015 3 R 12:10-2:00
 MEETS: JAN 13-MARCH 6
 8507020 4 R 12:10-2:00
 MEETS: MARCH 9-MAY 8

SOLV TECHNOL PROBLM TSM 115 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN
 MATH 140 OR HIGHER
 1358005 1 MW 10:00-11:50
 MEETS: JAN 13-MAY 8
 1358010 2 TR 3:40-5:40
 MEETS: JAN 13-MAY 8

INTR DSIGN IN TCNOL TSM 116 3 CREDITS
 4496005 1 TR 10:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO AST, I TEC MAJORS ONLY

SMNR:PREP FOR WRKPL TSM 201 1 CREDIT
 Prereq: SOPH CLASSIF IN A E, AST, BSE, OR I TEC
 1384005 1 MW 4:10-5:00
 MEETS: JAN 13-MARCH 6
 Note: Materials, field trips &/or travel fee \$30.00

FUND OF TECHNOLOGY TSM 210 3 CREDITS
 Prereq: TSM 115 OR EQUIVALENT, MATH 140 OR HIGHER
 1359005 A1 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO A B E, AST AND I TEC
 MAJORS
 1359010 A2 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 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 1 MW 4:10-5:00
 MEETS: MARCH 9-MAY 8

ADV TECH GRPHCS&CAD TSM 216 2 CREDITS
 Prereq: TSM 116
 4504005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 4504010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

INTRO MFG PROC METL TSM 240 3 CREDITS
 Prereq: MATH 145
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY
 6601005 1 M 9:00-9:50
 T 10:00-11:50
 R 9:00-10:50
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$150.00
 6601010 2 M 9:00-9:50
 T 10:00-11:50
 R 11:00-12:50
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$150.00

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

INTRO MFG PROC METL TSM 240 3 CREDITS
 6601015 3 M 9:00-9:50
 T 10:00-11:50
 R 1:10-3:00
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$150.00
 6601020 4 M 9:00-9:50
 W 10:00-11:50
 F 1:10-3:00
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$150.00
 6601025 5 M 9:00-9:50
 W 10:00-11:50
 F 9:00-10:50
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$150.00
 6601030 6 M 9:00-9:50
 W 10:00-11:50
 F 11:00-12:50
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$150.00

INTRO MFG PLASTICS TSM 241 2 CREDITS
 Prereq: MATH 145
 5943005 1 M 2:10-3:00
 T 8:00-9:50
 MEETS: JAN 13-MAY 8
 5943010 2 M 2:10-3:00
 T 10:00-11:50
 MEETS: JAN 13-MAY 8
 5943015 3 M 2:10-3:00
 W 8:00-9:50
 MEETS: JAN 13-MAY 8
 5943020 4 M 2:10-3:00
 W 10:00-11:50
 MEETS: JAN 13-MAY 8
 5943025 5 M 2:10-3:00
 R 8:00-9:50
 MEETS: JAN 13-MAY 8
 5943030 6 M 2:10-3:00
 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 5943035 7 M 2:10-3:00
 F 8:00-9:50
 MEETS: JAN 13-MAY 8
 5943040 8 M 2:10-3:00
 F 10:00-11:50
 MEETS: JAN 13-MAY 8

PRIN INJURY PREVENT TSM 270 3 CREDITS
 5625005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

TOTAL QUAL IMPROVMT TSM 310 3 CREDITS
 Prereq: STAT 101 OR STAT 104, JR CLASSIFICATION
 9202005 A1 TR 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO AST, I TEC MAJORS ONLY
 9202010 A2 TR 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN AST, I TEC

PRSRV GRAIN QUALITY TSM 322 3 CREDITS
 Prereq: MATH 140 OR HIGHER
 1352005 A1 MWF 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO AST, I TEC MAJORS ONLY
 1352010 A2 MWF 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 8
 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 1 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 5581010 2 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 5581015 3 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8

SOIL&WTR CONSRV MGT TSM 324 3 CREDITS
 Prereq: MATH 140 OR MATH 151
 1345005 1 MW 8:00-8:50
 T 12:10-1:30
 MEETS: JAN 13-MAY 8

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 1 MW 10:00-10:50
 W 3:10-5:00
 MEETS: JAN 13-MAY 8
 1347010 2 MW 10:00-10:50
 W 1:10-3:00
 MEETS: JAN 13-MAY 8

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

FLUID PWR SYS TCNOL TSM 337 3 CREDITS
 Prereq: TSM 210
 3335005 1 MW 11:00-11:50
 T 9:00-10:50
 MEETS: JAN 13-MAY 8
 3335010 2 MW 11:00-11:50
 T 12:40-2:30
 MEETS: JAN 13-MAY 8
 3335015 3 MW 11:00-11:50
 R 12:10-2:00
 MEETS: JAN 13-MAY 8
 3335020 4 MW 11:00-11:50
 F 12:10-2:00
 MEETS: JAN 13-MAY 8

ADV AUTOMA MFG PROC TSM 340 3 CREDITS
 Prereq: TSM 210, TSM 216, TSM 240, MATH 151
 Note: COURSE RESTRICTED TO I TEC MAJORS ONLY
 4522005 1 MW 9:00-9:50
 R 1:10-3:00
 MEETS: JAN 13-MAY 8
 4522010 2 MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 13-MAY 8
 4522015 3 MW 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 4522020 4 MW 9:00-9:50
 F 8:00-9:50
 MEETS: JAN 13-MAY 8
 4522025 5 MW 9:00-9:50
 W 2:10-4:00
 MEETS: JAN 13-MAY 8

ELECTR FOR AG&INDUS TSM 363 4 CREDITS
 Prereq: TSM 210, MATH 145
 Note: COURSE RESTRICTED TO A E, AST, BSE & I TEC MAJORS ONLY.
 6831005 1 TR 9:30-10:50
 T 12:10-3:00
 MEETS: JAN 13-MAY 8
 6831010 2 TR 9:30-10:50
 W 12:10-3:00
 MEETS: JAN 13-MAY 8
 6831015 3 TR 9:30-10:50
 M 12:10-3:00
 MEETS: JAN 13-MAY 8

OCCUPATIONAL SAFETY TSM 370 3 CREDITS
 Prereq: TSM 270, JUNIOR STANDING
 7282005 1 W 3:10-4:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

OCCUPAT SAFETY MGMT TSM 371 2 CREDITS
 5626005 1 T 12:10-1:00, ARRANGED
 MEETS: JAN 13-MAY 8

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

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 1 T 4:10-5:00, ARRANGED MOSHER G
 MEETS: JAN 13-MAY 8
 6830010 2 F 9:00-10:50, ARRANGED BELL S
 MEETS: JAN 13-MAY 8

TECHNOLOGY CAPSTONE TSM 416 3 CREDITS
 Prereq: TSM 415
 Note: COURSE RESTRICTED TO AST, I TEC SENIORS ONLY
 7031005 1 F 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 8
 7031010 2 F 11:00-11:50
 ARRANGED
 MEETS: JAN 13-MAY 8

CELLULR LEAN MFG SY TSM 440 3 CREDITS
 Prereq: TSM 310
 Note: COURSE RESTRICTED TO I TEC MAJORS ONLY.
 4536005 1 TR 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO AST, I TEC MAJORS ONLY

MATERLS FOR TECHNOL TSM 443 3 CREDITS
 Prereq: PHYS 111; MATH 145 OR MATH 151
 6985005 1 MW 1:10-2:00
 T 12:10-2:00
 MEETS: JAN 13-MAY 8
 6985010 2 MW 1:10-2:00
 T 8:00-9:50
 MEETS: JAN 13-MAY 8

FACILITY PLANNING TSM 444 3 CREDITS
 Prereq: TSM 216; TSM 240; STAT 101 OR STAT 104
 4527005 1 TR 2:10-3:25
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO AST, I TEC MAJORS ONLY

APPL NONDSTRCTV EVL TSM 449X 3 CREDITS
 Prereq: MATH 140; TSM 240
 0071005 1 MW 10:00-10:50
 R 12:10-2:00
 MEETS: JAN 13-MAY 8

FEED SAFETY,ANLYTCS TSM 457 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9959005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

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 3:10-4:00
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$25.00
 7973010 2 MW 2:10-3:00
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$25.00
 7973050 A T 10:00-11:50
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$25.00
 7973055 B T 12:10-2:00
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$25.00
 7973060 C W 9:00-10:50
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$25.00
 7973065 D W 11:00-12:50
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$25.00
 7973070 E R 12:10-2:00
 MEETS: JAN 13-MAY 8
 Note: MATERIALS, FIELD TRIPS & TRAVEL FEE: \$25.00

INDU HYGIEN:HAZARDS TSM 470 3 CREDITS
 Prereq: MATH 151
 5639005 1 M 12:10-1:00, ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

SAFETY LABORATORY TSM 471 1 CREDIT
 Prereq: CREDIT OR ENROLLMNT FOR CREDIT IN TSM 470
 5640005 1 W 10:00-11:50
 MEETS: JAN 13-MAY 8

INDEP STUDY HONORS TSM 490H 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
 AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.
 COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY MANUFACTRG TSM 490I 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
 AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY BIOSYS MGT TSM 490J 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
 AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

THEATRE

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 4900 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

WRKSHP MACHINE SYST TSM 493B 1- 4 CREDITS
 1336005 1 MW 2:10-4:00
 MEETS: JAN 13-MAY 8

WKSHP OCCUPA SAFETY TSM 493D 1- 4 CREDITS
 Satisfactory-Fail Only.
 1344005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

PRE STU ABROAD&POST TSM 495 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 9384800 FR ARRANGED
 MEETS: JAN 13-MAY 8
 Note: PRE-TRAVEL TO PARIS, FRANCE. OFFERED OF 1 CREDIT

APPL NONDSTRCTV EVL TSM 549X 3 CREDITS
 Prereq: MATH 140; TSM 240
 0072005 1 MW 10:00-10:50
 R 12:10-2:00
 MEETS: JAN 13-MAY 8

FEED SAFETY,ANLYTCS TSM 557 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9960005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

INDU HYGIEN:HAZARDS TSM 570X 3 CREDITS
 Prereq: MATH 151
 0427005 1 M 12:10-1:00, ARRANGED
 MEETS: JAN 13-MAY 8

SPL TP AG&BIOSY MGT TSM 590A 1- 4 CREDITS
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN
 INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MACHINE SYS TSM 590B 1- 4 CREDITS
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN
 INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC MANUFACTRG TSM 590C 1- 4 CREDITS
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN
 INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCCUP SAFET TSM 590D 1- 4 CREDITS
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN
 INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT TSM 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHING PRACTICUM TSM 694 1- 3 CREDITS
 1919005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

TECHNOLGY INTERNSHP TSM 697 R CREDIT
 Prereq: PERMISSION OF MAJOR PROFESSOR AND
 APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION
 Satisfactory-Fail Only.
 4646005 1 ARRANGED
 MEETS: JAN 13-MAY 8

RESEARCH TSM 699 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTR PERFORMNG ARTS THTRE 106 3 CREDITS
 6729005 1 MWF 2:10-3:00
 MEETS: JAN 13-MAY 8
 MURPHY C

THEATRE AND SOCIETY THTRE 110 3 CREDITS
 1103600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW
 SCHAEFER K

THE ACTOR'S VOICE THTRE 151 3 CREDITS
 6730005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC 1 FOR MAJORS OTHER THAN EL ED
 6730010 2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC 2 RESTRICTED TO EL ED MAJORS ONLY

CONCERT&THTRE DANCE THTRE 224 .5- 2 CREDITS
 Prereq: BY AUDITION ONLY
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 6731005 1 ARRANGED BAKER J
 MEETS: JAN 13-MAY 8
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY
 6731010 2 ARRANGED BAKER J
 MEETS: JAN 13-MAY 8
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
 6731015 3 ARRANGED BAKER J
 MEETS: JAN 13-MAY 8
 Note: SEC 3 OFFERED FOR 2 CREDITS ONLY

THEATRE PRACTICUM THTRE 250 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 6732005 1 ARRANGED COEUR W
 MEETS: JAN 13-MAY 8

ACTING I THTRE 251 3 CREDITS
 6733005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO MAJORS OTHER THAN EL ED
 6733010 2 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 2 FOR MAJORS OTHER THAN EL ED
 6733015 3 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 3 RESTRICTED TO MAJORS OTHER THAN EL ED
 6733020 4 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 Note: SEC 4 RESTRICTED TO EL ED MAJORS ONLY
 6733025 5 MWF 1:10-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 5 RESTRICTED TO MAJORS OTHER THAN EL ED
 6733030 6 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 6 FOR MAJORS OTHER THAN EL ED
 ANTONE T

INTR THEATRICAL PROD THTRE 255 4 CREDITS
 6734005 1 MWF 9:00-9:50
 M 2:10-5:00
 MEETS: JAN 13-MAY 8
 6734010 2 MWF 9:00-9:50
 T 2:10-5:00
 MEETS: JAN 13-MAY 8
 6734015 3 MWF 9:00-9:50
 W 2:10-5:00
 MEETS: JAN 13-MAY 8
 6734020 4 MWF 9:00-9:50
 R 2:10-5:00
 MEETS: JAN 13-MAY 8
 6734025 5 MWF 9:00-9:50
 F 2:10-5:00
 MEETS: JAN 13-MAY 8
 SUNDERMAN R
 HINING N

SCRIPT ANALYSIS THTRE 263 3 CREDITS
 6763005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 MURPHY C

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

THTRE PERF PRACTCUM THTRE 301X 1- 3 CREDITS
 0369005 1 ARRANGED MURPHY C
 MEETS: JAN 13-MAY 8
 0369010 2 ARRANGED PETEFISH-SCHRAG
 MEETS: JAN 13-MAY 8

CRTV WRT:PLAYWRITNG THTRE 316 3 CREDITS
 Prereq: ENGL 105 OR ENGL 250, NOT OPEN
 TO FRESHMEN
 6736005 A1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL MAJORS ONLY
 6736010 A2 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL

THEATRE

(CONTINUED)

ACTING II THTRE 351 3 CREDITS
 Prereq: THTRE 251, DANCE 120 RECOMMENDED
 6737005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

PUPPET DSN&PERFORM THTRE 352X 3 CREDITS
 0490005 1 MW 3:40-5:00
 MEETS: JAN 13-MAY 8
 PETEFISH-SCHRAG

MUSICAL THEATRE II THTRE 355 3 CREDITS
 Prereq: THTRE 354
 3132005 1 TR 2:10-3:30
 ARRANGED
 MEETS: JAN 13-MAY 8
 MURPHY C

STAGE MAKE-UP THTRE 357 2 CREDITS
 6739005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 SCHAEFER K

ORAL INTERPRETATION THTRE 358 3 CREDITS
 6740005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 ANTONE T

STAGECRAFT THTRE 360 4 CREDITS
 Prereq: THTRE 255
 6742005 1 TR 9:30-10:50
 ARRANGED
 MEETS: JAN 13-MAY 8
 SUNDERMAN R

WKSP:COSTUME DESIGN THTRE 393A 3 CREDITS
 Prereq: THTRE 365
 3626005 1 TR 11:00-12:20
 MEETS: JAN 13-MAY 8
 SCHAEFER K

WKSP:SCENIC DESIGN THTRE 393B 3 CREDITS
 Prereq: THTRE 365
 3627005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 SUNDERMAN R

WKSP:LIGHTING DSGN THTRE 393C 3 CREDITS
 Prereq: THTRE 365
 4302005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 COEUR W

DIRECTING II THTRE 456 3 CREDITS
 Prereq: THTRE 455
 1116005 1 MW 2:10-3:30
 MEETS: JAN 13-MAY 8
 DELL B

HIST OF THEATRE II THTRE 466 3 CREDITS
 Prereq: THTRE 465
 6749005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 PETEFISH-SCHRAG

ADV THTRE PRACTICUM THTRE 469 1- 3 CREDITS
 Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATN

 SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN THEATRE, APPROVED WRITTEN
 PROPOSAL, JUNIOR CLASSIFICATION
 Note: NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE
 APPLIED TOWARD GRADUATION

 SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP THTRE 499 1- 8 CREDITS
 Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED
 APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR
 OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL
 AND 3.00 IN THTRE COURSES

 SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THTRE 590 1- 4 CREDITS
 Prereq: APPROVED WRITTEN PROPOSAL
 Note: Permission of department chair required.

 SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY

TOXICOLOGY SEMINAR TOX 504 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 7126005 1 T 4:10-5:00
 MEETS: JAN 13-MAY 8

VETERNRY TOXICOLOGY TOX 526 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9010005 1 MTR 11:00-11:50
 RADKE S

CLIN &DIAGNOS TOXIC TOX 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526
 1231005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 RADKE S

PESTICIDES IN ENVIR TOX 550 3 CREDITS
 Prereq: 9 CREDITS OF BIOLOGICAL SCIENCES
 9666005 1 TR 9:30-10:45
 ARRANGED
 MEETS: JAN 13-MAY 8

TOXICOLOGY

(CONTINUED)

GENERAL PHARMACOLGY TOX 554 3 CREDITS
 Prereq: B M S 549, B M S 552; BBMB 404, BBMB 405
 Note: MEETS JAN 20-FEB 5 AND MARCH 23-APRIL 15
 4499005 1 MR 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS TOX 590 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

CURRNT TOPC TOXICOL TOX 689 R CREDIT
 Satisfactory-Fail Only.
 4280005 1 ARRANGED
 MEETS: JAN 13-MAY 8

GRAD RESEARCH ROTAT TOX 697 1-12 CREDITS
 Prereq: ADMISSION TO TOX GRADUATE PROGRAM
 8363005 1 ARRANGED
 MEETS: JAN 13-MAY 8

RESEARCH TOX 699 VAR. CREDITS

 SEE DEPT FOR REFERENCE NUMBERS

TRANSPORTATION

CREATIVE COMPONENT TRANS 599 1- 3 CREDITS
 Prereq: PRE-ENROLLMENT CONTRACT REQUIRED
 4160005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SEMINR TRANSP PLAN TRANS 691 1 CREDIT
 6786005 1 ARRANGED
 MEETS: JAN 13-MAY 8

RESEARCH TRANS 699 VAR. CREDITS
 6787005 1 ARRANGED
 MEETS: JAN 13-MAY 8

U.S. LATINO/A STUDIES

INTR U.S. LATINO ST US LS 211 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2890005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 2890010 2 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8
 2890600 XW ARRANGED SUAREZ L
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WW

MDWST LATINO CMUNTY US LS 325X 3 CREDITS
 Prereq: US LS 211
 0326005 1 F 12:10-3:00
 MEETS: JAN 13-MAY 8

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

INTERN US LATINO ST US LS 499X 1- 3 CREDITS
 Prereq: US LS 211 OR PERMISSION OF PROGRAM
 DIRECTOR
 Note: UP TO 3 CREDITS MAY APPLY TOWARD US LS MINOR
 Satisfactory-Fail Only.
 0325063 LS ARRANGED
 MEETS: JAN 13-MAY 8

UNIVERSITY STUDIES

FRST-YR SEM I:ATHLT U ST 101D 1 CREDIT
 Prereq: ACCEPTANCE/PARTICIPATION IN APPROPRIATE
 LEARNING COMMUNITY OR SPECIAL PROGRAM
 Satisfactory-Fail Only.
 5713005 1 T 8:00-8:50
 MEETS: JAN 13-MAY 8

FIRST-YR SEM II:MVP U ST 102A 1 CREDIT
 Prereq: U ST 101 OR INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 5727005 1 M 10:00-10:50
 MEETS: JAN 13-MAY 8
 5727010 2 T 10:00-10:50
 MEETS: JAN 13-MAY 8
 5727015 3 R 10:00-10:50
 MEETS: JAN 13-MAY 8
 5727020 4 W 10:00-10:50
 MEETS: JAN 13-MAY 8

FIRST-YR SEM II:SCI U ST 102B 1 CREDIT
 Prereq: U ST 101 OR INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 5728005 1 W 12:10-1:00
 MEETS: JAN 13-MAY 8
 5728010 2 W 1:10-2:00
 MEETS: JAN 13-MAY 8

UNIVERSITY STUDIES (CONTINUED)

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

CARVER FRESHMNM SEMN U ST 106 1 CREDIT
 Prereq: ACCEPTANCE IN CARVER ACADEMY PROGRAM,
 GEORGE WASHINGTON CARVER SCHOLARSHIP RECIPIENT
 Note: Meets U.S. diversity reqmt
 Satisfactory-Fail Only.
 4173005 1 M 10:00-10:50
 MEETS: JAN 13-MAY 8
 4173010 2 T 10:00-10:50
 MEETS: JAN 13-MAY 8
 4173015 3 R 10:00-10:50
 MEETS: JAN 13-MAY 8
 4173020 4 W 10:00-10:50
 MEETS: JAN 13-MAY 8

INT'L FIRST YR SMNR U ST 110 1 CREDIT
 Satisfactory-Fail Only.
 8806005 1 M 4:10-5:00
 MEETS: JAN 13-MAY 8
 8806010 2 T 4:10-5:00
 MEETS: JAN 13-MAY 8

SCI PRE-PRO SEMINAR U ST 207 1 CREDIT
 Prereq: U ST 102B
 Satisfactory-Fail Only.
 9747005 1 W 3:10-4:00
 MEETS: JAN 13-MAY 8
 9747010 2 W 4:10-5:00
 MEETS: JAN 13-MAY 8

MCN:INTRO TO RES II U ST 302 2 CREDITS
 Prereq: U ST 301
 6494005 1 M 4:10-6:00PM
 MEETS: JAN 13-MAY 8

CALM LIFE SKILL SEM U ST 303 1 CREDIT
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 Satisfactory-Fail Only.
 9395005 1 W 11:00-11:50
 MEETS: JAN 13-MAY 8

LEADERS SMNR I: MVP U ST 311B 1 CREDIT
 Prereq: 101
 Satisfactory-Fail Only.
 8404005 1 W 4:10-5:00
 MEETS: JAN 13-MAY 8

CY AIDE LEADRS SMNR U ST 315 2 CREDITS
 Prereq: SELECTION AS A CYCLONE AIDE OR CYCLONE
 AIDE ADVISER
 Satisfactory-Fail Only.
 5284005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

PEER EDUC LEADERSHP U ST 316X 2 CREDITS
 Satisfactory-Fail Only.
 0317005 1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8

MCNAIR SR SEMNAR II U ST 402 1 CREDIT
 Prereq: 401
 Satisfactory-Fail Only.
 6495005 1 T 4:10-6:00PM
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY U ST 490 VAR. CREDITS
 Prereq: PERMISSION OF THE ASSOCIATE PROVOST
 Note: PERMISSION OF THE CHAIR OF THE INTERNATIONAL
 STUDIES COMMITTEE & ASSOCIATE PROVOST ARE REQUIRED.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

URBAN DESIGN

URBN DSN LOCAL STDO URB D 501 6 CREDITS
 Prereq: GRADUATE STANDING, OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 3829005 1 TR 8:00-1:00 ENGLER M
 MEETS: JAN 13-MAY 8

URBAN DESIGN COLLOQ URB D 512 R CREDIT
 Satisfactory-Fail Only.
 9540005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CNTPRY UR D PRACTCS URB D 522 3 CREDITS
 Prereq: GRADUATE STANDING, OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 4048005 1 W 9:00-11:50
 MEETS: JAN 13-MAY 8

VET DIAGNOSTIC & PRODUCTION AN MED

SPANISH FOR VETRNRN VDPAM 308 2 CREDITS
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE,
 BASIC KNOWLEDGE OF SPANISH
 Note: COURSE RESTRICTED TO V M AND VM NE MAJORS ONLY
 9308005 1 W 3:10-4:00, ARRANGED RAMIREZ A
 MEETS: JAN 13-MAY 8

INTR PROD INFRMTICS VDPAM 309 1 CREDIT
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE
 8724005 1 M 12:10-1:00 HOLTkamp D
 MEETS: JAN 13-MAY 8

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 1 W 1:10-3:00 KARRIKER L
 MEETS: JAN 13-MAY 8

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 1 F 9:00-9:50 MILLMAN S

CLINICAL FOUNDATNS VDPAM 340 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 4872005 1 ARRANGED FRIEDRICH R
 MEETS: JAN 13-MAY 8

BOVIN EMBRYO TRNSFR VDPAM 351 2 CREDITS
 Prereq: 2ND OR 3RD YEAR CLASSIFICATION IN V MED
 9310005 1 ARRANGED DOHLMAN T
 MEETS: JAN 13-MAY 8

ADV DAIRY INFORMTCS VDPAM 402A 2 CREDITS
 Prereq: VDPAM 309 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 2547005 1 ARRANGED GORDEN P

ADV DY INF EXPRNC I VDPAM 402B 2 CREDITS
 Prereq: VDPAM 402A
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 4987005 1 ARRANGED GORDEN P

ADV DY INF EXPRC II VDPAM 402C 2 CREDITS
 Prereq: VDPAM 402A, VDPAM 402B
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 5133005 1 ARRANGED GORDEN P

ADV DY INF EXP III VDPAM 402D 2 CREDITS
 Prereq: VDPAM 402A, VDPAM 402B, VDPAM 402C
 Note: COURSE RESTRICTED TO V M & VM NE MAJORS
 5162005 1 ARRANGED GORDEN P

CLINCL DECISN MAKNG VDPAM 407 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5440005 1 ARRANGED RAMIREZ A
 MEETS: JAN 13-MAY 8

POULTRY DISEASES VDPAM 408 2 CREDITS
 Prereq: 2ND OR 3RD YEAR CLASSIFICATION IN
 VETERINARY MEDICINE OR PERMISSION OF INSTRUCTOR
 5607005 1 ARRANGED SATO Y
 MEETS: JAN 13-MAY 8

VET PRAC ENTREPRENR VDPAM 414 2- 3 CREDITS
 7216005 1 TR 12:10-1:00 JEDLICKA M
 MEETS: JAN 13-MAY 8

BOVIN REPROD EV LAB VDPAM 416 1 CREDIT
 Prereq: 3RD YEAR CLASSIFICATION IN V MED.
 10 STUDENTS PER SECTION.
 5110005 1 M 1:10-5:00 MESSERSCHMIDT C
 MEETS: JAN 13-MARCH 6
 5110010 2 M 1:10-5:00 MESSERSCHMIDT C
 MEETS: MARCH 9-MAY 8

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 1 ARRANGED BRICK T

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 1 ARRANGED BRICK T

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 1 ARRANGED COOPER V

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
 9110005 1 ARRANGED SATO Y

GPVEC: CALVING VDPAM 421A 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4419005 1 ARRANGED ENGELKEN T

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

GPVEC: BULL BREEDNG VDPAM 421B 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4417005 1 ARRANGED ENGELKEN T

GPVEC: FEEDLOT MGT VDPAM 421D 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4423005 1 ARRANGED ENGELKEN T

GPVEC: LAMBING VDPAM 421J 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4476005 1 ARRANGED ENGELKEN T

GPVEC: EQUI DENTIST VDPAM 421K 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 4520005 1 ARRANGED ENGELKEN T

GPVEC:SWINE HUSBDRY VDPAM 421Q 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 9792005 1 ARRANGED ENGELKEN T
 MEETS: JAN 13-MAY 8

VET TOXICOLOGY VDPAM 426 3 CREDITS
 Prereq: 3RD YEAR CLASSIFICATION IN V MED
 6860005 1 MTR 11:00-11:50 RADKE S
 MEETS: JAN 13-MAY 8

PRIN OF EPIDEMIOLOGY VDPAM 428 3 CREDITS
 5490005 1 ARRANGED O'CONNOR A
 MEETS: JAN 13-MAY 8

BF RECORDS:HERD MGT VDPAM 436B 1 CREDIT
 Prereq: VDPAM 436A; 1ST, 2ND OR 3RD YEAR CLASSIF
 IN VET MED OR PERMISSION OF INSTRUCTOR
 5223005 1 ARRANGED ENGELKEN T
 MEETS: JAN 13-MAY 8

5223010 2 ARRANGED ENGELKEN T
 MEETS: JAN 13-MAY 8
 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 1 ARRANGED DEWELL G
 MEETS: JAN 13-MAY 8

PROD ANM CLINCL MED VDPAM 445 3 CREDITS
 Prereq: 3RD-YEAR CLASSIFICATION IN VET MED
 6865005 1 MWF 9:00-9:50 RAMIREZ A
 MEETS: JAN 13-MAY 8

CLIN EMBRYO TRANSFR VDPAM 451 2 CREDITS
 Prereq: VDPAM 351; FOURTH YEAR CLASSIFICATION IN
 VET MED
 4334005 1 MTWRF 8:00-5:00 DOHLMAN T

DIAGNOS LAB PRACTCM VDPAM 455 1 CREDIT
 Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN
 VET MED
 6827005 1 MTWRF 8:00-11:50 DERSCHIED R

FEEDLOT PRODUC MED VDPAM 463 1 CREDIT
 Prereq: VDPAM 310; CONCURRENT ENROLLMENT IN
 VDPAM 421D
 9766005 1 ARRANGED DEWELL G
 MEETS: JAN 13-MAY 8

THERIOGENOL:FD ANIM VDPAM 471 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN V MED
 6694005 1 MTWRF 8:00-5:00 MESSERSCHMIDT C

FOOD AN&CAM FLD SRV VDPAM 476 1- 2 CREDITS
 Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN
 VETERINARY MEDICINE
 8725005 1 MTWRF 8:00-5:00 BRICK T

FD ANM&CAM MED&SURG VDPAM 477 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2020
 6909005 1 MTWRF 8:00-5:00 BAYNE J

SWI PROD MGT&CONSULT VDPAM 478A 2 CREDITS
 Prereq: VDPAM 310
 0378005 1 MTWRF 8:00-5:00 KARRIKER L

SWINE PHARMAC&TREAT VDPAM 478B 2 CREDITS
 Prereq: VDPAM 310
 0379005 1 MTWRF 8:00-5:00 KARRIKER L

SWI EMRGNG DIS DIAG VDPAM 478C 2 CREDITS
 Prereq: VDPAM 310
 0380005 1 MTWRF 8:00-5:00 KARRIKER L

SWI PROD MED PRECEP VDPAM 479 1- 6 CREDITS
 Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION
 IN VETERINARY MEDICINE
 5454005 1 ARRANGED KARRIKER L

SWINE PRODUCTN MED VDPAM 480 2 CREDITS
 Prereq: VDPAM 310; 4TH YEAR CLASSIFICATN IN V MED
 OR PERMISSION OF INSTRUCTOR
 5572005 1 MTWRF 8:00-5:00 KARRIKER L

ADV COW/CF PROD MED VDPAM 481 2 CREDITS
 Prereq: COMPLETION OF TWO SEMESTERS OF VDPAM 436
 OR UNL EQUIVALENT (V MED 596 CATTLE PRODUCTION),
 FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE
 9150005 1 MTWRF 8:00-5:00 ENGELKEN T

BF PROD MED PRECPTR VDPAM 482 1- 6 CREDITS
 Prereq: VDPAM 310; 4TH YEAR CLASSIFICATN IN V MED
 4331005 1 ARRANGED ENGELKEN T
 MEETS: JAN 13-MAY 8

APP DAIRY PRODU MED VDPAM 485 1- 6 CREDITS
 Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATN IN V MED
 5431005 1 ARRANGED GORDEN P
 MEETS: JAN 13-MAY 8

INTR SM RUM PROD MD VDPAM 486 1 CREDIT
 Prereq: 3RD YEAR CLASSIFICATION IN V MED
 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS IN VET
 MED COLLEGE. SOPHMORES REQUIRE PERMISSION OF
 INSTRUCTOR.
 4549005 1 W 12:10-1:00 PLUMMER P
 MEETS: JAN 13-MAY 8

CLINIC MICROBIO LAB VDPAM 488 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN V MED
 6950005 1 MTWRF 1:10-5:00 SAHIN O
 MEETS: JAN 13-MAY 8

ISSUES FOOD SAFETY VDPAM 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS
 HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
 8351005 1 M 2:10-3:00
 MEETS: JAN 13-MAY 8

INDEPENDENT STUDY VDPAM 490 1- 5 CREDITS
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV DAIRY PRODU MED VDPAM 494 2 CREDITS
 Prereq: VDPAM 484 OR PERMISSION OF INSTRUCTOR
 1372005 1 MTWRF 8:00-5:00 GORDEN P

ADV SM RUMN PROD MD VDPAM 495 2 CREDITS
 Prereq: VDPAM 486, FOURTH YEAR CLASSIFICATION IN
 VETERINARY MEDICINE, OR PERMISSION OF INSTRUCTOR
 9309005 1 MTWRF 8:00-5:00 PLUMMER P

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS
 Prereq: 2ND, 3RD OR 4TH YR CLASSIFICATN IN V MED
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED SOPH AND
 ABOVE.
 Satisfactory-Fail Only.
 7848005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CLINCL DECISN MAKNG VDPAM 507 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5439005 1 ARRANGED RAMIREZ A

POULTRY DISEASES VDPAM 508 2 CREDITS
 Prereq: ENROLLMENT IN COLLEGE OF VET MED
 5634005 1 ARRANGED SATO Y
 MEETS: JAN 13-MAY 8

VET PRAC ENTREPRENR VDPAM 514 2- 3 CREDITS
 Prereq: GRADUATE VETERINARIAN OR DVM-DUAL
 GRADUATE DEGREE CANDIDATE
 8890005 1 TR 12:10-1:00
 ARRANGED RAMIREZ A
 RAMIREZ A

VETERNRY TOXICOLOGY VDPAM 526 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 6897005 1 MTR 11:00-11:50 RADKE S

PRIN OF EPIDEMIOLOGY VDPAM 528 3 CREDITS
 Prereq: VDPAM 310
 6895008 1 ARRANGED O'CONNOR A
 MEETS: JAN 13-MAY 8

INTRO DNA TECHNIQS VDPAM 542A 1 CREDIT
 Satisfactory-Fail Only.
 7389005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

INTR PROTEIN TECHNQ VDPAM 542B 1 CREDIT
 Satisfactory-Fail Only.
 6861005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTRO CELL TECHNIQS VDPAM 542C 1 CREDIT
 Satisfactory-Fail Only.
 7400005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526
 7676005 1 ARRANGED RADKE S
 MEETS: JAN 13-MAY 8

ADV VET DIAGNOS LAB VDPAM 551 1- 3 CREDITS
 Prereq: VDPAM 455
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV COW/CF PROD MED VDPAM 581 2 CREDITS
 Prereq: COMPLETION OF TWO SEMESTERS OF VDPAM 436
 OR UNL EQUIVALENT (VMED 596 CATTLE PRODUCTION), 4TH
 YEAR CLASSIFICATION IN VETERINARY MEDICINE, GRADUATE
 CLASSIFICATION OR PERMISSION OF INSTRUCTOR
 9312005 1 MTWRF 8:00-5:00 JEDLICKA M

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 1 ARRANGED
 MEETS: JAN 13-MAY 8

CREATIVE COMPONENT VDPAM 599 VAR. CREDITS
 Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE
 PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

VETERINARY CLINICAL SCIENCES

SHELTER MEDICINE V C S 305 1 CREDIT
 Prereq: FIRST YEAR CLASSIFICATION IN VETERINARY
 MEDICINE OR WITH PERMISSION OF INSTRUCTOR
 6948005 1 R 12:10-1:00 CARNEVALE J
 MEETS: JAN 13-MAY 8

VET IN SOCIETY V V C S 315 1 CREDIT
 Prereq: THIRY-YEAR CLASSIFICATION IN VET MED
 Satisfactory-Fail Only.
 7785005 1 ARRANGED BAGLEY R
 MEETS: JAN 13-MAY 8

GRAND ROUNDS V C S 385 R CREDIT
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE
 Satisfactory-Fail Only.
 7446005 1 F 8:00-8:50 SCACCIANOCE J

SURGERY PRINCIP LAB V C S 394 1 CREDIT
 Prereq: 2ND YR CLASSIFICATION IN VET MED
 3831005 1 F 9:00-9:50 SWOR T
 T 1:10-3:00 SWOR T
 3831010 2 F 9:00-9:50 SWOR T
 T 3:10-5:00 SWOR T

SMALL ANIML SURGERY V C S 395 2 CREDITS
 Prereq: 394
 3873005 1 TR 8:00-8:50 ZELLNER E

FUND EQUINE PRACTCE V C S 396 2 CREDITS
 Prereq: 394
 3899005 1 T 8:00-9:50 CASTON S

ANESTHESIOLOGY V C S 398 2 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 3472005 1 F 8:00-9:50 KRAUS B
 MEETS: JAN 13-MAY 8

OPHTHALMOLOGY V C S 399 1 CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
 3476005 1 F 11:00-11:50 ALLBAUGH R

EMERGNCY CARE TOPCS V C S 404X 2 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 0338005 1 M 1:10-3:00 WALTON R
 MEETS: JAN 13-MAY 8

VETERINARY CLINICAL SCIENCES (CONTINUED)

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 1 MR 3:10-5:00 ZAFFARANO B
 MEETS: JAN 13-MAY 8

INTR CPTV WLD AN MD V C S 406X 1 CREDIT
 Prereq: THIRD OR FOURTH-YR CLASSIFICATN IN V MED
 0336005 1 M 12:10-1:00 OLDS J
 MEETS: JAN 13-MAY 8

FELINE INTERNAL MED V C S 407 1 CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 6875005 1 M 12:10-1:00 VAN VERTLOO L
 MEETS: JAN 13-MAY 8

ONCOLOGY V C S 409 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2020
 9213005 1 MTWRF 8:00-5:00 MUSSER M

COMPANION AN NUTRI V C S 414 1 CREDIT
 Prereq: THIRD OR FOURTH-YR CLASSIFICATN IN V MED
 7777005 1 ARRANGED BAGLEY R
 MEETS: JAN 13-MARCH 6

PRECEPTOR COMPANION V C S 419A 2- 6 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED,
 PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE
 3695005 1 ARRANGED NOXON J
 Note: Permission of instructor required. Process
 Approved add slip in 2270A Vet Med.

PRACTICUM V C S 420 R CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED,
 PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 4548005 1 ARRANGED NOXON J
 MEETS: JAN 13-MAY 8

BLANK PK ZOO ROTATN V C S 422 4 CREDITS
 Prereq: V C S 405, FOURTH-YEAR CLASSIFICATION IN
 V MED, PERMISSION OF INSTRUCTOR
 1166005 1 MTWRF 8:00-5:00 OLDS J

SM ANIML SHELTR MED V C S 437 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 7944005 1 MTWRF 8:00-5:00 CARNEVALE J
 MEETS: JAN 13-MAY 8

INTRO TO CLINICS V C S 440 R CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 Note: MUST BE CONCURRENTLY ENROLLED IN SAME SECTION
 LETTER OF V C S 447, 449
 Instructor permission required 1st week.
 6880005 1 ARRANGED NOXON J

CANINE REHABILITATN V C S 441 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2020
 9232005 1 MTWRF 8:00-5:00 ZELLNER E

EQUINE LAMENESS V C S 443 2 CREDITS
 Prereq: 2ND OR 3RD YR CLASSIFICATION IN VET MED
 6882005 1 R 1:10-5:00, ARRANGED KERSH K
 MEETS: JAN 13-MARCH 6

CLINICAL NEUROLOGY V C S 446 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
 5112005 1 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 MILES K
 F 1:10-2:00, ARRANGED

ADV SURG NEU H SOCI V C S 451A 2 CREDITS
 Prereq: 449
 5369005 1 W 11:00-11:50 SWOR T
 M 1:10-5:00 SWOR T
 MEETS: MARCH 9-MAY 8

ADV TRADIT SURG LAB V C S 451B 2 CREDITS
 Prereq: V C S 449
 7005005 1 W 11:00-11:50 SWOR T
 M 1:10-5:00 SWOR T
 MEETS: JAN 13-MARCH 6

7005010 2 W 11:00-11:50 SWOR T
 W 1:10-5:00 SWOR T
 MEETS: JAN 13-MARCH 6

7005015 3 W 11:00-11:50 SWOR T
 M 1:10-5:00 SWOR T
 MEETS: MARCH 9-MAY 8

7005020 4 W 11:00-11:50 SWOR T
 W 1:10-5:00 SWOR T
 MEETS: MARCH 9-MAY 8

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY CLINICAL SCIENCES (CONTINUED)

CLINICAL DERMATOLOGY V C S 452 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE. MUST HAVE INSTRUCTOR PERMISSION TO REPEAT THIS COURSE.
 1931005 1 MTWRF 8:00-5:00 NOXON J

SMALL ANIMAL MED I V C S 453 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6889005 1 MTWRF 8:00-5:00 PALERME J

SM AN SOFT TISS SUR V C S 455 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6891005 1 MTWRF 8:00-5:00 ZELLNER E

SM AN ORTHOPED SURG V C S 456 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6892005 1 MTWRF 8:00-5:00 NAIMAN J

EQUINE MEDICINE V C S 457 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6893005 1 MTWRF 8:00-5:00 DEMBEK K

EQUINE SURGERY V C S 458 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6894005 1 MTWRF 8:00-5:00 CASTON S

SM AN OVERPOP OMAHA V C S 459A 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: OMAHA
 4050005 1 MTWRF 8:00-5:00 CARNEVALE J

SM AN OVERPOP D.M. V C S 459B 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: DES MOINES
 4107005 1 MTWRF 8:00-5:00 CARNEVALE J

SM AN OVERPOP K.C. V C S 459C 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: KANSAS CITY
 4313005 1 ARRANGED CARNEVALE J

SM AN OVERPOP BOULD V C S 459D 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6542005 1 MTWRF 8:00-5:00 CARNEVALE J

SM AN OVERPOP ASHVL V C S 459E 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6640005 1 MTWRF 8:00-5:00 CARNEVALE J

RADIOLOGY V C S 460 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6896005 1 MTWRF 8:00-5:00 MILES K

PRIMARY CARE V C S 463 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 2322005 1 MTWRF 8:00-5:00 KIBBEL B

EQUINE FIELD SERVIC V C S 464 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4247005 1 MTWRF 8:00-5:00 HOWARD J

FARRIER V C S 465 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 7756005 1 MTWRF 8:00-5:00 CASTON S

VET ANESTHESIOLOGY V C S 466 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6898005 1 MTWRF 8:00-5:00 KRAUS B

INTENSIVE CARE V C S 468 4 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6900005 1 ARRANGED WALTON R

OPHTHALMOLOGY V C S 469 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6901005 1 MTWRF 8:00-5:00 ALLBAUGH R

RADIOLOGY V C S 470 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED; COMPLETION OF V C S 460 RADIOLOGY IS REQUIRED; ENROLLMENT BY PERMISSION OF INSTRUCTOR
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 6902005 1 MTWRF 8:00-5:00 MILES K

CMPARTV ANIM REPROD V C S 471C 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 3986005 1 MTWRF 8:00-5:00 SATHE S
 MEETS: JAN 13-MAY 8

EQUINE REPRODUCTION V C S 471E 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 8598005 1 MTWRF 8:00-5:00 SATHE S
 MEETS: JAN 13-MAY 8

VET CARDIOLOGY ROTAT V C S 475 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: OFFERED FOR 2 CREDITS SPRING 2020
 Department permission required.
 9128005 1 MTWRF 8:00-5:00 WARD J
 MEETS: JAN 13-MAY 8

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.
 7136005 1 MTWRF 8:00-5:00 KRAUS B

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.
 7145005 1 MTWRF 8:00-5:00 KRAUS B

INTENSIV&CRITCL CARE V C S 478 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 9816005 1 MTWRF 8:00-5:00 WALTON R
 MEETS: JAN 13-MAY 8

VETERINARY DENTISTRY V C S 480 1 CREDIT
 Prereq: THIRD OR FOURTH-YR CLASSIFICATION IN V MED
 2247005 1 ARRANGED MULHERIN B
 MEETS: JAN 13-MAY 8
 Note: Course delivery is WWW

ADV EQUINE DENTISTR V C S 481 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 8330005 1 MTWRF 8:00-5:00 HOWARD J
 MEETS: JAN 13-MAY 8

VET DENTST&ORAL SRG V C S 482 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED; COMPLETION OF PRIMARY CARE ROTATION OR FAMILIAR WITH THE PRIMARY CARE PROTOCOL; PROOF OF RABIES PROPHYLAXIS AND A PROTECTIVE TITER
 8729005 1 MTWRF 8:00-5:00 MULHERIN B

INDEPENDENT STUDY V C S 490 VAR. CREDITS
 Prereq: PERMISSION OF COURSE INSTRUCTOR-OF-RECORD AND SPONSORING V C S FACULTY MEMBER
 ***** SEE DEPT FOR REFERENCE NUMBERS

ORIENTN INT'L EXPR V C S 492 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 6148005 1 ARRANGED NOXON J

GRAND RNDS PRESENTN V C S 495 R CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Satisfactory-Fail Only.
 6914005 1 F 8:00-8:50 SCACCIANOCE J

INT'L PRECEPTORSHIP V C S 496 1-12 CREDITS
 Prereq: CLASSIFICATION IN VET MED. PERMISSION OF COURSE INSTRUCTOR-OF-RECORD AND SPONSORING V C S FACULTY
 Satisfactory-Fail Only.
 6094005 1 ARRANGED NOXON J

SPL TOPICS MEDICINE V C S 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** 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

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 1 ARRANGED

ADV SPECIAL SURGERY V C S 672 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6926005 1 ARRANGED

ADVANCED MEDICINE V C S 677 2 CREDITS
 Prereq: V C S 445
 6928005 1 ARRANGED
 MEETS: JAN 13-MAY 8

RESEARCH MEDICINE V C S 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: CARDIOLOGY V C S 699G VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MICROBIOLOGY & PREV MED

VETERINARY MICROBIOLOGY & PREV MED (CONTINUED)

CASE STUDY IV V MPM 378 2 CREDITS
 Prereq: 2ND-YEAR CLASSIFICATION IN VET MED
 6744005 1 MR 1:10-2:00
 MEETS: JAN 13-MAY 8

VETERINARY IMMUNOLGY V MPM 380 2 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN V MED
 6941010 1 WF 11:00-11:50
 MEETS: JAN 13-MARCH 6

VETERINARY VIROLOGY V MPM 387 3 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED
 6943010 1 TWR 9:00-9:50
 MEETS: JAN 13-MAY 8

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 13-MAY 8

TOPICS VET HISTORY V MPM 390 1 CREDIT
 7244005 1 ARRANGED
 MEETS: JAN 13-MARCH 6

INFEC DIS&PREVN MED V MPM 437 3 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 6949005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

PUBLIC HEALTH LAB V MPM 486 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6951005 1 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

PRIN OF EPIDEMIOLOGY V MPM 528 3 CREDITS
 5368008 1 ARRANGED O'CONNOR A
 MEETS: JAN 13-MAY 8

LIVESTK IMMUNOGENET V MPM 540 2 CREDITS
 Prereq: AN S 561 OR MICRO 575 OR V MPM 520
 6745005 1 ARRANGED
 MEETS: JAN 13-MAY 8

INTRO DNA TECHNIQS V MPM 542A 1 CREDIT
 Satisfactory-Fail Only.
 9663005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

INTRO CELL TECHNIQS V MPM 542C 1 CREDIT
 Satisfactory-Fail Only.
 9669005 1 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 13-MAY 8

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 1 MWF 8:00-8:50
 MEETS: JAN 13-MAY 8

ANIMAL VIROLOGY V MPM 587 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7951005 1 ARRANGED
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS V MPM 590 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

MECHNSM BACT PATHOG V MPM 625 4 CREDITS
 Prereq: CR IN BIOCHEMISTRY AND MICROBIOLOGY
 6963005 1 MWF 2:30-4:00
 MEETS: JAN 13-MAY 8

PTHGN PERSIST INFEC V MPM 660 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 4256005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CURR TOPICS IMMUNOL V MPM 690A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURR TOP INFECT DIS V MPM 690B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMN MOLEC,C,DV BIO V MPM 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2020.
 7082005 1 M 3:10-5:00
 MEETS: JAN 13-MAY 8

RESEARCH V MPM 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY

ANATOMC PATHOLOGY I V PTH 342 3 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
 7445005 1 M 1:10-2:00
 R 1:10-2:00
 W 1:10-3:00
 MEETS: JAN 13-MAY 8

7445010 2 M 1:10-2:00
 R 1:10-2:00
 W 3:10-5:00
 MEETS: JAN 13-MAY 8

INTRO PARASITOLOGY V PTH 353 3 CREDITS
 Prereq: BIOL 212
 9209005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

INTRO TO PATHOLOGY V PTH 402 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
 9538005 1 TR 4:10-5:30
 MEETS: JAN 13-MAY 8

INTR VET CYTOL&TCNQ V PTH 409 1 CREDIT
 Prereq: 3RD YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO VET MED JUNIORS ONLY.
 8991005 1 T 1:10-3:00
 MEETS: JAN 13-MAY 8

8991010 2 T 3:10-5:00
 MEETS: JAN 13-MAY 8

CLINICAL PATHOLOGY V PTH 425 4 CREDITS
 Prereq: 372
 7004005 1 MF 10:00-10:50
 TWR 10:00-10:50
 R 11:00-11:50
 MEETS: JAN 13-MAY 8

NECROPSY LAB PRACTM V PTH 456 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
 7007005 1 MTWRF 1:10-5:00
 S 10:00-11:50

CLIN PATH LAB PRACT V PTH 457 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO VET MED SENIORS
 7008005 1 MTWRF 8:00-11:50

INDEPENDENT STUDY V PTH 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CLIN COMPTNC SKILLS V PTH 495 R CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Satisfactory-Fail Only.
 4058005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PRINCIPLES PATHOLOGY V PTH 503 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION; PERMISSION
 OF INSTRUCTOR
 8632005 1 MTR 11:00-11:50
 MEETS: JAN 13-MAY 8

ANATOMC PATHOLOGY I V PTH 542 3 CREDITS
 Prereq: GRAD CLASSIFICATN & BIOL 352 OR EQUIV FOR
 GRAD CREDIT, PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 7015005 1 M 1:10-2:00
 R 4:10-5:00
 W 1:10-3:00
 MEETS: JAN 13-MAY 8

7015010 2 M 1:10-2:00
 R 4:10-5:00
 W 3:10-5:00
 MEETS: JAN 13-MAY 8

VETERINARY PATHOLOGY (CONTINUED)

VETERINARY PATHOLOGY (CONTINUED)

DIAGN PARASITOL LAB V PTH 548 1- 3 CREDITS
 Prereq: 376 OR 576
 9668005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT
 Prereq: 457, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 7037005 1 ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Instructor permission required.

SURGICAL PATHOL LAB V PTH 550 1- 3 CREDITS
 Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 7479005 1 ARRANGED
 MEETS: JAN 13-MAY 8

POSTMORT PATHOL LAB V PTH 551 1- 3 CREDITS
 Prereq: 542, PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 7038005 1 MTWRF 1:10-5:00
 S 10:00-11:50
 MEETS: JAN 13-MAY 8

SPL TOPC VET PATHOL V PTH 590A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT V PTH 590B 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP VET CLIN PTH V PTH 590D 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS V PTH 590E 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PATHOL V PTH 599A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PARASI V PTH 599B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP V CLIN PTH V PTH 599D VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PATHOL CASE SEMINAR V PTH 604 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 7027005 1 R 12:10-1:00
 MEETS: JAN 13-MAY 8

CURR TOPICS SEMINAR V PTH 605 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7029005 1 ARRANGED
 MEETS: JAN 13-MAY 8

DIAG INTERP V PARAS V PTH 606B R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7030005 1 ARRANGED
 MEETS: JAN 13-MAY 8

DIAG INTERP VET TOX V PTH 606C R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 5787005 1 ARRANGED
 MEETS: JAN 13-MAY 8

DIAG INTERP CLINPTH V PTH 606D R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 9694005 1 ARRANGED
 MEETS: JAN 13-MAY 8

PTHGN PERSIST INFEC V PTH 660 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7044005 1 ARRANGED
 MEETS: JAN 13-MAY 8

CMPTV IMMNL&INF DIS V PTH 661 2 CREDITS
 Prereq: GRADUATE-LEVEL IMMUNOLOGY OR PERMISSION
 OF INSTRUCTOR
 4849005 1 ARRANGED
 MEETS: JAN 13-MAY 8

VET PATHOLOGY RSRCH V PTH 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET PARASITOLGY RES V PTH 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET CLIN PATH RSRCH V PTH 699D VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

WIND ENERGY SCIENCE, ENGINEERING AND POL

WIND ENRGY RES SMNR WESEP 594 1 CREDIT
 Prereq: GRADUATE STANDING
 9662005 1 ARRANGED
 MEETS: JAN 13-MAY 8

WOMEN'S AND GENDER STUDIES

GENDER JUSTICE WGS 160 1 CREDIT
 Note: Meets U.S. diversity reqmt
 Satisfactory-Fail Only.
 2484005 1 M 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 13-MARCH 6

2484010 2 M 2:10-3:00
 W 2:10-3:00
 MEETS: MARCH 9-MAY 8

2484015 3 M 2:10-3:00
 W 3:10-4:00
 MEETS: MARCH 9-MAY 8

2484020 4 M 2:10-3:00
 W 9:00-9:50
 MEETS: MARCH 9-MAY 8

INTRO WOMN&GNDR STU WGS 201 3 CREDITS
 Note: Meets U.S. diversity reqmt

7058005 1 M 2:10-3:00
 WF 9:00-9:50
 MEETS: JAN 13-MAY 8

7058010 2 M 2:10-3:00
 WF 10:00-10:50
 MEETS: JAN 13-MAY 8

7058015 3 M 2:10-3:00
 WF 11:00-11:50
 MEETS: JAN 13-MAY 8

7058020 4 M 2:10-3:00
 WF 12:10-1:00
 MEETS: JAN 13-MAY 8

7058025 5 M 2:10-3:00
 WF 1:10-2:00
 MEETS: JAN 13-MAY 8

7058030 6 M 2:10-3:00
 WF 3:10-4:00
 MEETS: JAN 13-MAY 8

7058035 7 M 2:10-3:00
 WF 8:00-8:50
 MEETS: JAN 13-MAY 8

7058600 XR ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XR is off campus
 Course delivery is WWW

7058605 XS ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XS is off campus
 Course delivery is WWW

7058610 XT ARRANGED
 MEETS: MARCH 9-MAY 8
 Note: Section XT is off campus
 Course delivery is WWW

7058615 XU ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XU is off campus
 Course delivery is WWW

7058620 XV ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XV is off campus
 Course delivery is WWW

7058625 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

HONORS INTR WMN STU WGS 201H 3 CREDITS
 Note: Meets U.S. diversity reqmt

8447005 1 M 2:10-3:00
 WF 2:10-3:00
 MEETS: JAN 13-MAY 8

WOMEN'S AND GENDER STUDIES (CONTINUED)

WOMEN'S AND GENDER STUDIES (CONTINUED)

INTRO LESBIAN STUDI WGS 203 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 104
 Note: Meets U.S. diversity reqmt
 2184005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8

GNDR&SXL AM POP CUL WGS 210 3 CREDITS
 9809005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

WOMEN &GENDER INT'L WGS 301 3 CREDITS
 Prereq: WGS 201 OR 3 CREDITS IN WGS AT
 300 LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 7060600 XW ARRANGED
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

ECOFEMINISM WGS 320 3 CREDITS
 Prereq: WGS 201 OR 3 CREDITS IN WGS AT THE
 300 LEVEL OR ABOVE
 Note: Meets U.S. diversity reqmt
 6268600 XW ARRANGED WIRTH D
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

GENDER & COMMUNICTN WGS 323 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3533005 1 TR 2:10-3:30
 MEETS: JAN 13-MAY 8
 3533010 2 TR 3:40-5:00
 MEETS: JAN 13-MAY 8
 3533015 3 TR 11:00-12:20
 MEETS: JAN 13-MAY 8

SEX&GENDER IN SOCIE WGS 327 3 CREDITS
 Prereq: SOC 134
 Note: SEC A1,B1 RESTRICTED TO AG SO, INDIS, SOC, P S A,
 WGS, SEC A2,B2 FOR MAJORS OTHER THAN AG SO, INDIS,
 SOC, P S A, WGS.
 Meets U.S. diversity reqmt
 7061005 A1 MWF 10:00-10:50 POPILLION A
 MEETS: JAN 13-MAY 8
 7061010 A2 MWF 10:00-10:50 POPILLION A
 MEETS: JAN 13-MAY 8

WOMEN & LEADERSHIP WGS 333 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 7481005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

WOMEN AND RELIGION WGS 336 3 CREDITS
 Prereq: RELIG 205, RELIG 210 OR W S 201
 RECOMMENDED.
 Note: Meets U.S. diversity reqmt
 3534005 1 MWF 10:00-10:50 WILSON C
 MEETS: JAN 13-MAY 8

HUMAN REPRODUCTION WGS 344 3 CREDITS
 Prereq: BIOL 212
 3951005 1 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8
 3951010 2 MWF 11:00-11:50
 MEETS: JAN 13-MAY 8

WOMEN & LIT TOPICS WGS 345 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 7063005 A1 TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 7063010 A2 TR 8:00-9:20
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

PSYCHOLOGY OF WOMEN WGS 346 3 CREDITS
 Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING
 PSYCH 101
 Note: Meets U.S. diversity reqmt
 7064005 A1 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 13-MAY 8
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 7064010 A2 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 13-MAY 8
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

GAY AND LESBIAN LIT WGS 352 3 CREDITS
 Prereq: ENGL 250
 Note: Meets U.S. diversity reqmt
 8706005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1 RESTRICTED TO ENGL & WGS MAJORS ONLY
 8706010 2 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

FR STU IN ENGL:GNDR WGS 370F 3 CREDITS
 Note: Meets international perspectives reqmt
 6727005 1 MWF 10:00-10:50
 MEETS: JAN 13-MAY 8

SX,CLTR ANC MEDITRR WGS 374 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN,
 OR GREEK
 Note: Meets international perspectives reqmt
 2256005 1 TR 12:40-2:00
 MEETS: JAN 13-MAY 8

HIST OF AMER WOMEN WGS 386 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 7068600 XW ARRANGED BIX A
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

FMNST RES IN ACTION WGS 402 3 CREDITS
 Prereq: W S 201/WGS 201 AND W S 301/WGS 301
 5674005 1 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8

WOMEN,MEN&ENGL LANG WGS 422 3 CREDITS
 Prereq: ENGL/LING 219
 Note: Meets U.S. diversity reqmt
 1540005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8

GENDER ISSUES SPORT WGS 440 3 CREDITS
 Prereq: W S 201/WGS 201 OR 3 CREDITS IN
 WOMEN'S AND GENDER STUDIES AT THE 300-LEVEL OR ABOVE
 6086600 XW ARRANGED SANDERS C
 MEETS: JAN 13-MAY 8
 Note: Section XW is off campus
 Course delivery is WWW

TOPCS WMN&GENDR STU WGS 450 3 CREDITS
 Prereq: W S 201/WGS 201 OR 3 CREDITS IN WGS
 AT 300 LEVEL OR ABOVE
 8910005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 TOPIC: HUMAN TRAFFICKING
 8910010 2 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 2 TOPIC: CONTEMPORARY FEMINIST
 MANIFESTOS & ESSAYS

INDEPENDENT STUDY WGS 490 1- 3 CREDITS
 Prereq: ANY TWO COURSES IN WGS
 Note: NO MORE THAN 6 CREDITS OF W S 490 MAY BE
 APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP WGS 491 1- 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS WGS 499 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

QDV SEM FM RES MTHD WGS 502 3 CREDITS
 1169005 1 M 3:10-6:00PM
 MEETS: JAN 13-MAY 8

TOPICS WOMEN'S STDI WGS 550 3 CREDITS
 Prereq: W S 201/WGS 201 OR 3 CREDITS IN WGS
 AT 300-LEVEL OR ABOVE
 8524005 1 TR 9:30-10:50
 MEETS: JAN 13-MAY 8
 Note: SEC 1 TOPIC: HUMAN TRAFFICKING
 8524010 2 W 3:10-6:00PM
 MEETS: JAN 13-MAY 8
 Note: SEC 2 TOPIC: CONTEMPORARY FEMINIST
 MANIFESTOS & ESSAYS

RDGS SMNR WMN&FMNST WGS 586 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3073005 1 W 1:10-4:00 RUTENBERG A
 MEETS: JAN 13-MAY 8

SPECIAL TOPICS WGS 590 VAR. CREDITS
 Prereq: PERMISSION OF WOMEN'S AND GENDER STUDIES
 PROGRAM DIRECTOR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORLD LANGUAGES AND CULTURES

INTRO WORLD LANGUAG WLC 119 3 CREDITS
 Note: Meets international perspectives reqmt
 5865005 1A MWF 3:10-4:00
 MEETS: JAN 13-MAY 8
 Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
 5865010 1B MWF 3:10-4:00
 MEETS: JAN 13-MAY 8

WORLD LANGUAGES AND CULTURES

(CONTINUED)

INTRO GLOBAL FILM WLC 278 3 CREDITS

Note: Meets international perspectives reqmt

8193600 XW ARRANGED WEBER-FEVE S

MEETS: JAN 13-MAY 8

Note: Section XW is off campus

Course delivery is WWW

STDT TCH WORLD LANG WLC 417G VAR. CREDITS

Prereq: MINIMUM GPA OF 2.5; 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 13-MARCH 6

Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA

8139010 1R ARRANGED

MEETS: JAN 13-MARCH 6

Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

8139015 2A ARRANGED

MEETS: MARCH 9-MAY 8

Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA

8139020 2R ARRANGED

MEETS: MARCH 9-MAY 8

Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

THINK GLOBALLY WLC 491 1 CREDIT

Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD
AND/OR INTERNSHIP ABROAD

Note: TOPIC: EXPERIENCES ABROAD: LEARNING TO
THINK GLOBALLY

Satisfactory-Fail Only.

7493005 1 TR 2:10-3:00

MEETS: JAN 13-MARCH 6

STDT TCH WORLD LANG WLC 517G VAR. CREDITS

Prereq: FULL ADMISSION TO UNIVERSITY TEACHER
EDUCATION PROGRAM OR LICENSED TEACHER; APPROVAL OF
COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

8617005 1A ARRANGED

MEETS: JAN 13-MARCH 6

Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA

8617010 1R ARRANGED

MEETS: JAN 13-MARCH 6

Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

8617015 2A ARRANGED

MEETS: MARCH 9-MAY 8

Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA

8617020 2R ARRANGED

MEETS: MARCH 9-MAY 8

Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA