Spring Semester 2018

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

Registration Start Dates for Spring 2018
Veterinary Medicine students: Wednesday, October 18
Graduate students: Wednesday, October 18-Friday, October 20
All seniors: Thursday, October 19-Wednesday, October 25
Projected juniors: Thursday, October 26-Wednesday, November 1
Projected sophomores: Thursday, November 2-Wednesday, November 8
Continuing freshmen: Thursday, November 9-Thursday, November 16

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

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Key Dates, Deadlines, Information

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

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

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

Emergency Contact List
A new addition to AccessPlus allows students, faculty and staff to designate several emergency contacts in order of preference. In an emergency, officials would start at the top of an individual’s contact list and keep trying until reaching one of the contacts. To designate emergency contacts: Sign onto AccessPlus, Click “Emergency Contact” in the left column. Up to five contacts may be identified and ranked in the order to contact.

Fee Payment Deadlines
Fee payment deadlines for Spring 2018 are January 20, Februrary 20, and March 20 for deferred billing. A $20 deferred billing charge is assessed. Contact Accounts Receivables for information.

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

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

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

Room Assignments
Room assignments will be shown on AccessPlus class schedules on Monday, December 4. To find a map of class room locations go to the ISU index under Classroom abbreviations.

Schedule Changes
Schedule changes may be made using AccessPlus Registration through Friday, January 12. For additional schedule change deadlines and information go to the ISU index under Schedule Changes.

Student Answer Center
Have a question and not sure where to go for the answer? Contact the Student Answer Center, Ground Floor, Beardshear. The Answer Center is open, Monday-Friday, 8 a.m.-5 p.m. or e-mail: answercenter@iastate.edu.
University Calendar Spring 2018

Jan. 1, Mon. • University bills with Spring 2018 tuition and fees charges available on AccessPlus.
   • University holiday—offices closed
Jan. 5, Fri. • Last day to initiate registration in person without a late registration fee in the Registrar’s Student Scheduling Office, 10 Enrollment Services Center by 5 p.m. Registration may be initiated using AccessPlus until 11 p.m. Jan. 7, without a late registration fee.
   • Last day to cancel registration by contacting the Office of the Registrar by 5 p.m. Registration may be cancelled via AccessPlus without tuition assessment until 11 p.m. Jan. 7.
Jan. 7, Sun. • 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.
Jan. 8, Mon. • Class work begins.
   • Schedule changes processed through AccessPlus registration or in 10 Enrollment Services Center.
Jan. 12, Fri. • 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.
Jan. 13, Sat. • Last day to return textbooks for refund to University Book Store. Exclusions apply. See www.isubookstore.com for details.
Jan. 15, Mon. • University holiday—offices closed, classes recessed.
Jan 20, Sat. • Fee payment deadline for spring. First payment (minimum due) or payment in full.
Jan. 22, Mon. • 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.
Jan 30, Tues. • Fall Semester 2018 Schedule of Classes proof copy due in Registrar’s Office, with or without changes
Feb. 9, Fri. • Last day to drop a first half-semester course without extenuating circumstances.
   • Last day to change a first half-semester course to or from Pass/Not Pass. Courses changed to graded basis after Jan. 22 count toward total allowable P/NP credits used for graduation.
   • Last day to file a Designation of Repeated Course form for a first half-semester course that is not an automatic designated repeat.
Feb. 13, Tues. • Last day to change degree audit information for spring.
Feb. 20, Tues. • Fee payment deadline, spring. Second payment (minimum due).
Feb. 19, Sat • Schedule of Classes for Fall 2018 available for viewing on the Web at http://classes.iastate.edu/
Feb. 20, Tues. • Registration Authorization Cards for Summer 2018 and Fall 2018 registration distributed to colleges, if applicable.
   • Advising period for Summer and Fall 2018 registration begins.
March 1, Thurs. • Deadline for submitting approved, new experimental course announcement forms (with all signatures) for Summer 2018 to the Registrar’s Student Scheduling Office, 10 Enrollment Services Center.
   • Textbook & Supply requisitions for summer classes due to University Bookstore.
March 2, Fri. 2:15 p.m. • Midterm grade reports due from all departments on WebCT, Blackboard and AccessPlus.
March 5, Mon. • Second half-semester courses begin.
March 9, Fri. • Last day to process most schedule changes in a second half-semester course without a fee or to add/drop a second half-semester course without signatures of instructor and adviser.
   • Last day to drop a second half-semester course without the drop appearing on the permanent record or counting toward the limit of dropped courses.
   • Last day to change a second half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation.
   • Seniors graduating Summer 2018 or Fall 2018 should submit a Graduation Application to the Registrar’s Graduation Office, 10 Enrollment Services Center, after registering for final course work. Applications are available from advisers or the Registrar’s Graduation Office, 10 Enrollment Services Center, or via www.iastate.edu/~registrar/graduation
March 12-16, Mon.-Fri. • Spring break, classes recessed.
March 14, Wed • Fall 2018 course offering changes before registration begins (Room Scheduling must approve course limits of 35 and greater).
March 20, Tues. • Fee payment deadline, spring semester. Final payment due.
   • Last day for departments to make Summer or
University Calendar Spring 2018

March 19, Mon.  • Registration period for Summer 2018 and Fall 2018 begins. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.  
  • First day of assigned Summer 2018 and Fall 2018 registration dates for students in the College of Veterinary Medicine and students in the Graduate College. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.

March 20, Tues.  • First day of assigned Summer 2018 and Fall 2018 registration dates for students projected as seniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.

March 23, Fri.  • Last day to add/drop full-semester courses or withdraw without extenuating circumstances.  
  • Last day to change a full-semester course to or from Pass/Not Pass. Courses changed to graded basis after Jan. 23 count toward total allowable P/NP credits used for graduation.  
  • Last day to file a Designation of Repeated Course form for a full-semester or second half-semester course that is not an automatic designated repeat.  
  • Last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee.

March 26, Mon.  • Preliminary room assignments for Summer 2018 distributed to departments from Room Scheduling.

March 27, Tues.  • First day of assigned Summer 2018 and Fall 2018 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.

April 3, Tues.  • First day of assigned Summer 2017 and Fall 2017 registration dates for students projected as sophomores. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.

April 5, Thurs.  • Preliminary room assignments for Summer 2018, with changes due back to Room Scheduling from departments.

April 10, Tues.  • First day of assigned Summer 2018 and Fall 2018 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.

April 13, Fri.  • Last day to add/drop a second half-semester course without extenuating circumstances.  
  • Last day to change a second half-semester course to or from Pass/Not Pass. Courses changed to graded basis after March 9 count toward total allowable P/NP credits used for graduation.  
  • Graduate College: last day for final oral examinations.  
  • Deadline for Summer 2018, 12-week and Session I course cancellations due to low enrollment.

April 18, Mon.  • Last day of assigned registration start dates for Summer 2018 and Fall 2018 registration.

April 17, Tues.  • 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.

April 19, Thurs.  • Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review.

April 21, Sat.  • Summer 2018 course enrollment tally by college and year printed for departmental distribution.  
  • Room assignments for Summer 2018 courses displayed in the online Schedule of Classes.  
  • Beginning summer class lists available on AccessPlus.

April 26, Thurs.  • End of term textbook buyback begins at University Bookstore.

April 30, Mon.  • University bills with Summer 2018 tuition and fees charges available on AccessPlus

April 30-May 4, Mon.-Fri.  • Final examinations.

May 3, Thurs.  • Graduate College Commencement: www.iastate.edu/~registrar/graduation  
  • Undergraduate applications for graduation for Summer 2018 and Fall 2017 are due in the Registrar’s Graduation Office, 210 Enrollment Services Center.

May 4, Fri.  • Spring semester ends.

May 5, Sat.  • Undergraduate Commencement:

May 7, Mon.  • Registration Authorization information available for new Fall 2018 freshmen or distributed to Colleges, if applicable.

May 9, Fri., 2:15 p.m.  • Final grades due on WebCT, Blackboard and AccessPlus.

May 10, Thurs.  • Grade reports available on AccessPlus.
Resources

Admissions www.admissions.iastate.edu
General Information ........................................ 100 Enrollment Services Center ................. (515)294-5836

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

Financial Aid Office www.financialaid.iastate.edu
General Information .......................................................... 0210 Beardshear ........................................ 294-2223

ISUCard Office www.adp.iastate.edu/idcard/
ISUCard Office .............................................................. 0530 Beardshear ........................................ 294-2727

Office of the Registrar www.iastate.edu/~registrar/
Certifications ............................................................. 214 Enrollment Services Center .................. 294-1840
Degree Audits ............................................................ 210 Enrollment Services Center .................. 294-0802
Fees & Tuition ............................................................... 10 Enrollment Services Center .................. 294-2331
Graduation ................................................................. 210 Enrollment Services Center .................. 294-9372
Registrar’s Office Information .................................. 214 Enrollment Services Center .................. 294-1840
Registration ................................................................. 10 Enrollment Services Center .................. 294-2331
Residency Status for Fees & Admission 214 Enrollment Services Center ................. 294-0762 or 294-0767
Schedule Changes ....................................................... 10 Enrollment Services Center .................. 294-2331
Student Records ......................................................... 214 Enrollment Services Center .................. 294-1840
Transcripts ................................................................. 214 Enrollment Services Center .................. 294-1840
Veterans Certification .................................................... 214 Enrollment Services Center ................. 294-1840
Veterans Services Center ............................................. 3578 Memorial Union .................. 294-9801

Registration Hold Contacts
Accounts Receivables Office ........................................ 0880 Beardshear ........................................ 294-7388
Admissions ................................................................. 100 Enrollment Services Center .................. 294-5836
Dean of Students Office .............................................. 1010 Student Services Building .......... 294-1021
Graduate College ........................................................ 1137 Pearson .............................................. 294-4531
International Students and Scholars ......................... 3248 Memorial Union ................................ 294-1120
Loans Receivable ......................................................... 0880 Beardshear ........................................ 294-8747
Memorial Union .......................................................... 214 Memorial Union ................................ 294-0993
Multicultural Student Affairs ................................. 2080 Student Services Building, ......... 294-6338
Registrar Student Scheduling .................................. 10 Enrollment Services Center .......... 294-2331
Student Health ......................................................... Thomas B. Thielen Student Health Center .... 294-5801

Student Answer Center www.answer.iastate.edu/
Student Answer Center .................................................. Ground Floor Beardshear .................... 294-4469
Admission

New Students
Prospective students should contact the Office of Admissions for information concerning admission procedures. Refer to the Iowa State University Undergraduate and Graduate Courses and Programs 2016-2017 catalog for specific requirements for admission. Applications are available through the Iowa State University home page, by clicking on “Apply” under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

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

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

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

Undergraduate students, both nondegree and degree seeking:

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

Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, Tuition and Fees area, 10 Enrollment Services Center, at 515-294-2331, or e-mail reentry@aastate.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.
All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term). International student reentry forms are available through the ISU index under Reentering ISU, International Students and Scholars or from the Tuition and Fees area at 10 Enrollment Services Center. Return all parts of the completed reentry form and related documentation to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking Students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work to the Office of Admissions, 100 Enrollment Services Center. Once reentry has been approved, the reentry form will be forwarded to the Office of International Students and Scholars for financial certification and visa eligibility. Questions related to financial certification or visas should be directed to the Office of International Students and Scholars, 3248 Memorial Union, at 515-294-1120, or by e-mail: intlserv@iastate.edu.

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.

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

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.

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.

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: intlserv@iastate.edu.
Registration

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

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

To register, follow these steps:

1. Students meet with their academic adviser, who will provide the following:
   a. degree audit
   b. guidance in course selection
   c. registration authorization information, with RAN, if applicable.

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

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

4. Register for courses using the AccessPlus registration system. Room locations for courses will be available on AccessPlus beginning Saturday, December 2.

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

Initiating Registration

The last day to initiate a new registration through AccessPlus registration for Spring 2018 is Sunday, January 7th or the Scheduling & Fees Office in 10 Enrollment Services Center for Spring 2018 is Friday, January 6. A late registration fee is assessed for a registration initiated on or after the first day of classes. See the Tuition and Fees section for the late fee amounts.

Cancelling Registration

Notify the Office of the Registrar by 5 p.m. Friday, January 6, of intent to cancel registration, or drop all classes on AccessPlus by 11 p.m Sunday, January 7 to avoid tuition assessment. For information and a cancellation form, go to the ISU index under Cancelling Registration.

RAN

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

Registration System Abuse

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

AccessPlus Registration Tips

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

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

http://classes.iastate.edu/

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

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.

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.

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 dean.

**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.

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

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

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

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

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

Validating Enrollment
To validate their enrollment in each course at the beginning of the semester, students must attend the first or second meeting (first meeting if the class meets only once a week). Students who add a course after the term begins must attend the next class meeting. The instructor has the option to offer a registered place in the course to another student when a registered student fails to attend and has not obtained prior approval of the instructor. Students who do not validate their enrollment must drop the course or they will receive an F grade.
Spring 2018 Fee Schedule

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

Additional information:

Audits and zero credit courses: assessed according to contact hours; maximum charge for zero credit courses is three credit hours.
Partial credits (.5): assessed on the next larger whole number of credits, e.g., 6.5 credits is assessed as 7 credits.
Summer session: based on per credit as indicated in the fee schedule.
Tuition assessment for study abroad credits: up to a maximum of 12 credits, is above and beyond tuition for other courses taken during the same term.

- **Interim** (partial-semester, between-terms), **audit** (zero-credit), and **in absentia** (research, away from campus study) courses are assessed fees as listed in the current fee schedule.
- **One-half credits** are assessed at the next larger whole number; e.g., 3 1/2 credits are assessed at the 4-credit rate.
- **R-credit** (Required credit) coursework is assessed minimum tuition and fees equal to the 2 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to a R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.
- **Zero credit course** is assessed based on contact hours with a maximum assessment of 3 credits.
Tuition and Fees
Tuition and fees are subject to change without notice.

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

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

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

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

Cancelling Registration
A cancellation is processed when a student notifies the Office of the Registrar, prior to the day class work begins, of their decision not to attend classes for the current semester. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by 5:00p.m. Friday, January 5; or drop all of your classes through AccessPlus by 11 p.m., Sunday, January 7.

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

Withdrawing Registration
Beginning the first day of class (Monday, January 8), students who decide not to continue attending classes must process a withdrawal form.

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

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

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

This tuition adjustment schedule is subject to change.

Tuition adjustments for withdrawals of registration are based upon the following table for Spring 2018 for Full-term courses:

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Student Pays</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan. 8-12</td>
<td>10%</td>
</tr>
<tr>
<td>Jan. 13-22</td>
<td>25%</td>
</tr>
<tr>
<td>Jan. 23-29</td>
<td>50%</td>
</tr>
<tr>
<td>Jan. 30-Feb. 5</td>
<td>75%</td>
</tr>
<tr>
<td>After Feb. 5</td>
<td>100%</td>
</tr>
</tbody>
</table>

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

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

Tuition Adjustment Schedule for Workshops and Short Courses

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

Appealing Tuition Assessments

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

Past Due Accounts

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

GLOSSARY OF FEES

Activity, Services and Building Fee

The activity, services and building fee is a mandatory fee that supports a variety of activities and services for all full time students. It is not based on whether or not a student uses an individual activity or service. This fee provides several benefits such as student admission rates to concerts and athletic events and unlimited use of CyRide. In addition, the fee provides support for campus recreation facilities, the Memorial Union, and campus organizations and services as allocated by the Government of the Student Body. Full-time students will be charged $322.95 each fall and spring semester, and all students will be charged $162.00 for the summer semester.

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

Admissions Application Fee

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

Delivery Fees

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

Health Facility Fee

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

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

Health Fee (Mandatory)

All students are assessed an $98 Health Fee, except for students enrolled for four credits or less or students exclusively registered for the following: distance education courses (courses with section beginning with an X); courses for which no tuition is assessed; continuous registration status courses; weekend MBA courses; Lakeside Lab or geology field camp courses; graduate students enrolled in GR ST 600, 601, Psych 597, 697, or high school students enrolled under the PostSecondary Enrollment Options Act. (Note: The health fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship.) Students who withdraw
or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the tenth class day, after January 26 no adjustment will be made. No adjustment can be made if a student has used the services of the Thielen Student Health Center prior to withdrawing from or changing to an exempt status at the university. Students who add courses at any time during the term will be assessed the Health Fee according to the guidelines stated above.

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

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

**Late Registration Fee**

Sunday, January 8 is the last day to initiate a registration for full semester courses for Spring 2018 without a late registration fee. Beginning Monday, January 8, undergraduate students are assessed a late registration fee of $20. Graduate students are assessed a late registration fee of $30 the first week of classes, $60 the second week, and $100 the third week or later.

**New Student Programs/Matriculation Fee**

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

**Special Course Fees**

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

**Graduation Fee**

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

**Health Facility Fee**

All students are assessed an $8 health facility fee for Spring 2018, except for students exclusively registered for the following: distance education courses; (courses with sections beginning with an X); courses for which no tuition is assessed; continuous registration status courses, graduate students enrolled in GR ST 600, 601, Psych 597, 697; or high school students enrolled under the Postsecondary Enrollment Options Act. Note: The health facility fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship. For students who withdraw or change to an exempt status as defined above, the tuition adjustment schedule will also be used for the health facility fee.
Graduation

Undergraduate Students
Spring 2018 graduating seniors are encouraged to submit applications for graduation after registering for their final semester. Applications are available from the adviser, college student services office, the Registrar's Graduation Office, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The application is due in 210 Enrollment Services Center the Friday before Thanksgiving break. Applicants will be assessed a $75 nonrefundable graduation fee the tenth day of classes.

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

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

Undergraduate university commencement ceremony will be held Saturday, May 5 at 1:30 p.m., in Hilton Coliseum.

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

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

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

Graduate Students
Specific deadlines have been set by the Graduate College for all graduate students. Failure to meet these deadlines may result in the removal of the students name from the graduation list for Spring 2018.

- An “Application for Graduation” (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, January 25.

- Last day for graduate students to cancel graduation is March 23. All graduate students who haven't cancelled by this date will be assessed a nonrefundable graduation fee.

- A Request for “Final Oral Examination” form should be obtained from the students department and submitted to the Graduate College at least three weeks before the final oral examination.

- Final oral examination must be taken by Friday, April 13.

- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, April 19. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, April 19.

- Signatures must be obtained on the “Graduate Student Approval Slip” by Tuesday, April 17. This form will be sent to their major professor or department when their “Request for Final Examination” is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.

- Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

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

The Graduate College commencement ceremony will be held at 8 p.m., Friday, May 4 in C.Y. Stephens Auditorium.

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

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

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

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

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

<table>
<thead>
<tr>
<th>Grade</th>
<th>Quality Points</th>
<th>Grade</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
<td>C</td>
<td>2.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.67</td>
<td>C-</td>
<td>1.67</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
<td>D+</td>
<td>1.33</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
<td>D</td>
<td>1.00</td>
</tr>
<tr>
<td>B-</td>
<td>2.67</td>
<td>D-</td>
<td>0.67</td>
</tr>
<tr>
<td>C+</td>
<td>2.33</td>
<td>F</td>
<td>0.00</td>
</tr>
</tbody>
</table>

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

For more complete information about Iowa State University’s grading system, please refer to the Academic Life section of the Iowa State University Undergraduate and Graduate Courses and Programs 2017-2018 catalog.

Repeated Courses
If a course is repeated, the permanent record will show the grade on the initial attempt as well as grades received on subsequent attempts. However, only the most recent grade will be used in computing the cumulative grade-point average rather than the previous grade(s). Undergraduate and special students may only repeat up to a limit of 15 semester credits.

Approval to repeat a course after more than three semesters (not including summer) must be noted on a Designation of Repeated Course form. This form can be obtained from departmental offices and must be signed by the student’s adviser and the head of the department offering the course. This form is also used if the course number or number of credits has changed from a previous catalog or if the course is being repeated to reduce a transfer deficiency. Process this form in the Office of the Registrar, 214 Enrollment Services Center.

For more information, please refer to the Academic Life section of the Iowa State University Undergraduate and Graduate Courses and Programs 2017-2018 catalog.
Veterans Educational Assistance
Students planning to receive Veterans Educational Assistance must provide enrollment information to the V.A. clerks in the Office of the Registrar, 214 Enrollment Services Center, when registration is complete or veterans enrollment certification will be canceled. Veterans must also notify the V.A. clerks when changing credit hours or withdrawing from school. Credit hour requirements are:

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 cr.</td>
<td>9 cr.</td>
</tr>
<tr>
<td>9-11.5 cr.</td>
<td>7-8.5 cr.</td>
</tr>
<tr>
<td>6-8.5 cr.</td>
<td>5-6.5 cr.</td>
</tr>
<tr>
<td>1-5.5 cr.</td>
<td>1-4.5 cr.</td>
</tr>
<tr>
<td>Proration of fee</td>
<td></td>
</tr>
<tr>
<td>over period enrolled</td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Department</th>
<th>Course Number</th>
<th>Number of Credits</th>
<th>Special Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEGAL ENVIRONMT BUS</td>
<td>ACCT</td>
<td>215</td>
<td>3 CR.</td>
<td>(prerequisites, restrictions, etc)</td>
</tr>
<tr>
<td>PREREQ: SOPH CLASSIFICATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COURSE RESTRICTED TO SOPH AND ABOVE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5277005 A MWF 9:00-9:50</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5277010 B MWF 11:00-11:50</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Course Information

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

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

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

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

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

Audit Deadlines for Full Term Courses
Instructors must approve all audits.

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

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

- Changing from audit to credit—(5 days allowed):
  - Through day 5 of classes: instructor approval required.
  - After day 5: instructor, adviser, college approval required; schedule change fee applies.

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

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

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

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

Course Descriptions
Course descriptions can be found in the Iowa State University Undergraduate and Graduate Courses and Programs 2017-2018 catalog. Copies of the catalog may be purchased in campus area bookstores. The information is also available through the ISU index under catalog.

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

Credits Limits
For fall and spring semesters, the credit limit is 18 credits for undergraduates and 15 credits for graduate students. For summer session, the limits are 12 credits for undergraduates and 10 credits for graduate students. Requests to add credits beyond a student’s credit limit will be denied. Generally, a
student must drop credits before adding another course. Individual students. Students may request a change in their credit limit by contacting their adviser. Advisers should notify the student's college student services office if the credit limit needs to be changed.

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

Experimental Courses
Experimental courses (course numbers ending in “X”) are not included in the Iowa State University Undergraduate and Graduate Courses and Programs 2017-2018 catalog. Course descriptions for experimental courses can be found through the ISU index under Experimental Course Descriptions.

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

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

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

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

Pass-Not Pass
Students must contact their adviser/major professor to determine which courses they may take Pass-Not Pass. To take a course Pass-Not Pass, first add the course through the web registration system on a graded basis, then to declare the course as Pass-Not Pass, the student must obtain the signature of their adviser/major professor located in the Pass-Not Pass section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Scheduling & Fees Office, 10 Enrollment Services Center. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the Iowa State University Undergraduate and Graduate Courses and Programs 2017-2018 catalog.

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

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

Room Assignments
Beginning Monday, December 4, students may find room assignments by viewing their schedule on AccessPlus.

Time Conflicts
University policy states that students may not enroll
Night Examinations

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

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

Night Exams for Spring 2018
Updates are posted on the web under Night Exams.

Credit by Examination

General Information
Students may earn academic credit by examination. A fee is charged for each examination. Two types of credit by examination are available at Iowa State University: departmental exams and CLEP (College Level Examination Program) exams. Most exams are given during the first week of classes and require prior arrangements. CLEP Exams are given throughout the year. All arrangements are initiated by the student and fees are non-refundable. Discuss test-out plans with an adviser to verify applicability of credit earned. Test-out credit is recorded during the semester the exam is taken. Once recorded, test-out credit will appear on the students degree audit and permanent record.

Students should take a test-out exam the semester before planning to take the course. In some courses, students who plan to take the test-out exam may not be allowed to register for the course in the same semester. For more information, refer to the Iowa State University Undergraduate and Graduate Courses and Programs 2017-2018 catalog.

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

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

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

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<tr>
<th>CLEP Exam</th>
<th>ISU Courses</th>
<th>Sem. Cr. Awarded</th>
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<td>Principles of Microeconomics</td>
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<td>Biological Science Physical Science</td>
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<td>Introductory Psychology</td>
<td>Psych 101</td>
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<tr>
<td>Social Sciences and History*</td>
<td>Social Science History</td>
<td>4 2</td>
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<tr>
<td>Introductory Sociology</td>
<td>Soc 134</td>
<td>3</td>
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<td>French Language</td>
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<td>Frnc 101, 102, 201</td>
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<td>Frnc 101, 102, 201, 202</td>
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<td>Span 101, 102, 201, 202</td>
<td>16</td>
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</table>

* Excludes Engineering majors
** Excludes biology and engineering majors
***Excludes native or near-native speakers
Tentative Final Exam Schedule

All class work will close on Friday, May 4 at 5 p.m.

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

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

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

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

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

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

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

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

Combined Group Exams

The following courses are most likely to have combined group exams scheduled for Spring 2018. (This list of group exam courses may change due to departmental preference and/or time and room scheduling difficulties.) For the list of exam days and times go to the ISU index under Final Exams.

Acct 215, 284, 285
Aer E 160, 161
Agron 114
Astro 120
C E 332
Chem 177, 178, 332
Chin 102
Com S 207, 227, 228
E M 274, 324, 345, 378
Engr 160
Fin 301
Geol 100
I E 305
M E 140, 146, 270
Math 140, 143, 151, 165, 166, 195, 196, 265, 267
Phys 111, 221, 222,
Psych 101(A, B or C), 230, 280
SCIS 301x
SP CM 212
Span 102, 202
Stat 326

Tentative Exams Based on First Contact

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

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.)
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Alternative courses

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

Adviser signature: __________________________________________ Date approved: __________________________
# Registration Trial Schedule Grid

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# Registration Trial Schedule Grid

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# Campus Buildings and Abbreviations

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<td>Physics</td>
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<td>Kildee</td>
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*Residence Hall

## Other Campus Buildings

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

**LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS**
Prereq: Soph classification
Note: Course restricted to soph and above
5277005 A MWF 8:00-8:50
MEETS: JAN 8-MAY 4
5277010 B MWF 9:00-9:50
MEETS: JAN 8-MAY 4
5277015 C MWF 11:00-11:50
MEETS: JAN 8-MAY 4

**FINANCIAL ACCOUNTING ACCT 284 3 CREDITS**
Prereq: Course not open to first term freshmen
Note: Course not open to nongraduate students without permission from 1200 Gerdin
1110005 A TR 9:30-10:45
MEETS: JAN 8-MAY 4
1110010 B TR 11:00-12:15
MEETS: JAN 8-MAY 4
1110015 C TR 12:10-1:00
MEETS: JAN 8-MAY 4
1110020 D TR 2:10-3:25
MEETS: JAN 8-MAY 4
1110025 E TR 3:40-4:50
MEETS: JAN 8-MAY 4

**MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS**
Prereq: ACCT 284
Note: Course restricted to graduate students.
1112005 A TR 9:30-10:45
MEETS: JAN 8-MAY 4
1112010 B TR 11:00-12:15
MEETS: JAN 8-MAY 4
1112015 C MWF 12:10-1:00
MEETS: JAN 8-MAY 4
1112020 D MWF 1:10-2:00
MEETS: JAN 8-MAY 4
1112025 E MWF 2:10-3:00
MEETS: JAN 8-MAY 4
1112030 F MWF 3:10-4:00
MEETS: JAN 8-MAY 4
1112035 G TR 12:40-1:55
MEETS: JAN 8-MAY 4
1112040 H MWF 10:00-11:00
MEETS: JAN 8-MAY 4
1112045 I MWF 11:00-12:00
MEETS: JAN 8-MAY 4
1112050 J MWF 12:00-1:00
MEETS: JAN 8-MAY 4

**THE ACCOUNTING CYCLE ACCT 301 1 CREDIT**
Prereq: ACCT 284
Note: This course is taught entirely online & is accessible through Blackboard. There is no required face-to-face meetings. This course carries an additional cost of approximately $50 to access the required computer software program, restricted to business college majors only.
1078005 A ARRANGED
MEETS: JAN 8-MAY 4
Note: Course delivery is MWM

**BSNS DATA STRM/MISS ACCT 315X 3 CREDITS**
Prereq: Com S 113
Note: Course restricted to acct, bus u, busec, entsp, fin, mgmt, mis, mkt, scm undergrads only
4584005 A T 6:40-9:25PM
MEETS: JAN 8-MAY 4

**INTMD MANAGERL ACCT ACCT 383 3 CREDITS**
Prereq: ACCT 285 OR ACCT 501; and ACCT 301
Note: Sec A1,B1, ETC restricted to acct majors only. Sec A2,B2, ETC restricted to bus majors except acct. P Bus. Graduate students see 1200 Gerdin for permission
1117005 A1 MWF 2:10-3:00
MEETS: JAN 8-MAY 4
1117010 A2 MWF 3:10-4:00
MEETS: JAN 8-MAY 4
1117015 B1 MWF 11:00-12:15
MEETS: JAN 8-MAY 4
1117020 B2 MWF 11:00-12:15
MEETS: JAN 8-MAY 4
1117025 C1 TR 11:00-12:15
MEETS: JAN 8-MAY 4
1117030 C2 TR 11:00-12:15
MEETS: JAN 8-MAY 4

**ACCT INFO SYSTEMS ACCT 384 3 CREDITS**
Prereq: ACCT 285 or ACCT 501; ACCT 301; MIS 301
Note: Sec A1,B1,C1 Restricted to acct majors only. Sec A2,B2,C2 ETC restricted to acct. P Bus. Graduate students see 1200 Gerdin for permission
1123005 A1 MWF 10:00-11:50
MEETS: JAN 8-MAY 4
1123010 A2 MWF 10:00-11:50
MEETS: JAN 8-MAY 4
1123015 B1 TR 8:00-9:15
MEETS: JAN 8-MAY 4

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**ACCOUNTING (CONTINUED)**

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

**INTMD ACCOUNTING I ACCT 386 3 CREDITS**
Prereq: ACCT 285 or ACCT 501 and ACCT 301
Note: Sec A1,B1 ETC restricted to acct majors only. Sec A2,B2, ETC for other business college Majors. Not open to nongraduate students. See 1200 Gerdin for permission.
1118005 A1 TR 9:30-10:45
MEETS: JAN 8-MAY 4
1118010 A2 TR 10:45-12:00
MEETS: JAN 8-MAY 4
1118015 B1 TR 9:30-10:45
MEETS: JAN 8-MAY 4
1118020 B2 TR 9:30-10:45
MEETS: JAN 8-MAY 4
1118025 C1 TR 11:00-12:15
MEETS: JAN 8-MAY 4
1118030 C2 TR 11:00-12:15
MEETS: JAN 8-MAY 4

**INTMD ACCOUNTING II ACCT 387 3 CREDITS**
Prereq: ACCT 386
Note: Sec A1,B1,C1 Restricted to acct majors only. Sec A2,B2 Restricted to bs u, 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 9:30-10:45
MEETS: JAN 8-MAY 4
1119010 A2 TR 10:45-12:00
MEETS: JAN 8-MAY 4
1119015 B1 TR 2:10-3:25
MEETS: JAN 8-MAY 4
1119020 B2 TR 2:10-3:25
MEETS: JAN 8-MAY 4
1119025 C1 TR 3:40-4:55
MEETS: JAN 8-MAY 4
1119030 C2 TR 3:40-4:55
MEETS: JAN 8-MAY 4

**ADV MANAGERIAL ACCT ACCT 483 3 CREDITS**
Prereq: ACCT 383 or ACCT 581
Note: Course restricted to acct under graduate majors only.
8793005 A T 6:40-10:00PM
MEETS: JAN 9-APRIL 3

**ADV ACCT INFO SYST ACCT 484 3 CREDITS**
Prereq: ACCT 384
Note: Course restricted to acct undergrads only
9016005 A MFN 1:10-2:00
MEETS: JAN 8-MAY 4

**PRIN FED INCOME TAX ACCT 485 3 CREDITS**
Prereq: ACCT 386 or ACCT 501
Note: Course restricted to acct majors only. Grad students see 1200 gerdin for permission. Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.
1121005 A MFN 8:00-8:50
MEETS: JAN 8-MAY 4
1121010 B MFN 1:10-2:00
MEETS: JAN 8-MAY 4

**VULON INCM TAX ASSI ACCT 487 1 CREDIT**
Prereq: ACCT 384
3365005 A ARRANGED
MEETS: JAN 8-APRIL 11
Note: Sec A LEC meets 1/9-2/7 LAB

**NONPROFIT INST ACCT ACCT 488 3 CREDITS**
Prereq: ACCT 387
Note: Course not open to P bus. Course restricted to acct. Graduate students see 1200 gerdin for permission.
1120005 A MFN 3:10-4:00
MEETS: JAN 8-MAY 4
1120010 B MFN 12:10-1:00
MEETS: JAN 8-MAY 4

**CORP SOC RSPSB RPIC ACCT 489 3 CREDITS**
Prereq: Course restricted to acct majors only
9713005 A W 6:40-10:00PM
MEETS: JAN 10-APRIL 4

**INDEPENDENT STUDY ACCT 490 1-3 CREDITS**
Prereq: ACCT 285, Soph classification, permission of instructor
Note: Course restricted to acct majors only. Department permission required.
**Note: See dept for reference numbers**
### ACCOUNTING

#### ACCT PROBLEMS

- **ACCT 495** 3 CREDITS
  - Prereq: ACCT 387
  - Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS.
  - Graduate students see 1200 GERDIN for permission.

  - **7148005** A TR 9:30-10:45
  - **MEETS:** JAN 8-APRIL 5

- **ACCT 497** 3 CREDITS
  - Prereq: ACCT 384, ACCT 387 and STAT 326
  - Note: COURSE RESTRICTED TO ACCT UNDERGRADS.
  - Graduate students see 1200 GERDIN for permission.

  - **7148010** B TR 8:00-9:15
  - **MEETS:** JAN 8-APRIL 5

#### INTERNATIONAL ACCT

- **ACCT 496** 3 CREDITS
  - Prereq: ACCT 386 OR ACCT 501
  - Note: COURSE RESTRICTED TO ACCT UNDERGRADS.

  - **9026005** A R 6:40-10:00PM
  - **MEETS:** JAN 11-APRIL 5

#### INTRO TO AUDITING

- **ACCT 499** 3 CREDITS
  - Prereq: ACCT 384, ACCT 387, CREDIT OR ENROLLMENT IN ACCT 495
  - Note: COURSE RESTRICTED TO ACCT SENIORS ONLY.

  - **4477005** A MW 10:00-10:50
  - **MEETS:** JAN 8-APRIL 5

  - **4477010** B MW 3:10-4:00
  - **MEETS:** JAN 8-APRIL 5

  - **4477015** C MW 4:10-5:00
  - **MEETS:** JAN 8-APRIL 5

#### ACCT FOR DECISION MAKING

- **ACCT 501** 3 CREDITS
  - Prereq: ACCT 386 OR ACCT 501

  - **9116005** A MW 4:10-5:55
  - **MEETS:** JAN 8-MAY 4

#### SPECIAL TOPICS

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

  - **9023005** A T 6:40-10:00PM
  - **MEETS:** JAN 9-APRIL 4

  - **9116005** A MW 4:10-5:55
  - **MEETS:** JAN 8-MAY 4

#### INTERNATIONAL ACCT

- **ACCT 595** 3 CREDITS
  - Prereq: ACCT 386 OR ACCT 501

  - **1009005** A TR 6:40-10:00PM
  - **MEETS:** JAN 9-APRIL 3

  - **1157005** A T 6:40-10:00PM
  - **MEETS:** JAN 9-APRIL 3

  - **1126005** A MWF 10:00-10:50
  - **MEETS:** JAN 8-MAY 4

#### BUSINESS VALUATION

- **ACCT 594** 3 CREDITS
  - Prereq: ACCT 386 OR ACCT 501

  - **9023005** A T 6:40-10:00PM
  - **MEETS:** JAN 9-APRIL 3

### ACCOUNTING (CONTINUED)

#### CREATIVE COMPONENT

- **ACCT 599** 2 CREDITS
  - Prereq: ADMISSION TO THE MASTER OF ACCT PROGRAM

  - **4439005** 1A MW 9:30-10:50
  - **MEETS:** JAN 8-APRIL 5

### ADVERTISING

#### ADVERTISING PRINCIPLES

- **ADVT 230** 3 CREDITS

  - **4667005** 1A TR 9:00-9:50
  - **MEETS:** JAN 8-APRIL 5

#### STRATEGIC PLAN ADV/P.R

- **ADVT 301** 3 CREDITS

  - **4669005** 1 TR 8:00-9:50
  - **MEETS:** JAN 8-APRIL 5

### ADVERT MEDIA PLANNING

- **ADVT 335** 3 CREDITS

  - **4670005** 1TR 12:40-2:00
  - **MEETS:** JAN 8-APRIL 5

### ADVERT ACCOUNT MGMT

- **ADVT 336** 3 CREDITS

  - **4668005** 1 TR 8:00-9:50
  - **MEETS:** JAN 8-APRIL 5

### PRO SKILL DEVELOPMENT:

- **ADVT 390** 1 CREDIT

  - **4671000** 1A TR 12:40-2:00
  - **MEETS:** JAN 8-APRIL 5

### ADVANCED MANAGERIAL ACCOUNTING

- **ACCT 593** 3 CREDITS

  - **9023005** A T 6:40-10:00PM
  - **MEETS:** JAN 9-APRIL 3

### VOLUME INCOME TAX ASSISTANT

- **ACCT 587** 1 CREDIT

  - **1089005** A T 6:40-10:00PM
  - **MEETS:** JAN 9-APRIL 3

### SPECIAL TOPICS

- **ACCT 590** 1-3 CREDITS

  - **4439010** 1B MW 9:30-10:50
  - **MEETS:** JAN 8-APRIL 5

### BUSINESS VALUATION

- **ACCT 594** 3 CREDITS

  - **9023005** A T 6:40-10:00PM
  - **MEETS:** JAN 9-APRIL 3

### ADVANCED ACCOUNTING

- **ACCT 595** 3 CREDITS

  - **9023005** A T 6:40-10:00PM
  - **MEETS:** JAN 9-APRIL 3

### INTERNATIONAL ACCT

- **ACCT 596** 3 CREDITS

  - **2892005** A R 6:40-10:00PM
  - **MEETS:** JAN 11-APRIL 5
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

Satisfactory-Fail Only.

AERODYN & PROPULS LAB AER E 344 3 CREDITS
Prereq: AER E 355
Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS

AEROSPC SEMINAR AER E 192 R CREDIT
Note: COURSE RESTRICTED TO AER E MAJORS ONLY.

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

Note: COURSE RESTRICTED TO HONORS STUDENTS
Satisfactory-Fail Only.

HONOR AEROSP SEMNR AER E 192H R CREDIT
Note: COURSE RESTRICTED TO HONORS STUDENTS
Satisfactory-Fail Only.

INTRO PERF RMN&DSGN AER E 261 3 CREDITS
Prereq: AER E 161, MATH 166, PHYS 221
Note: COURSE RESTRICTED TO AER E MAJORS ONLY

MEETS: JAN 8-MAY 4
AEROSPACE ENGINEERING  
(Continued)

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

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

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

FINITE ELEMENT ANALYSES  AER E 525  3 CREDITS  
Prereq: E M 425, MATH 380  
7252005  MWF 2:10-3:00  
MEETS: JAN 8-8 MAY 4

INTRODUCTION TO MDO  AER E 563  3 CREDITS  
Prereq: SENIOR CLASSIFICATION IN COLLEGE OF ENG  
OR PERMISSION OF AER E 468 INSTRUCTOR
9802005  TR 12:40-1:55  
LEIFSSON L  
9802605  TR 8:00-9:20  
MEETS: JAN 8-8 MAY 4

OPTIMAL CONTROL  AER E 574  3 CREDITS  
Prereq: E E 577  
8188005  TR 2:10-3:30  
MEETS: JAN 8-8 MAY 4

DIGIT FEEDBACK CNTRL  AER E 576  3 CREDITS  
Prereq: AER E 432 OR E E 475 OR M E 411 OR  
M E 414 OR MATH 415, AND MATH 267
8190005  TR 2:10-3:30  
MEETS: JAN 8-8 MAY 4

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

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

RESEARCH  AER E 699  VAR. 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 VISCOS AER AER E 590H  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 PROPULSION  AER E 590B  1-5 CREDITS  
******** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

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

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

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

ENGINEERING INTERNSHIP  AER E 697  R CREDIT  
******** SEE DEPT FOR REFERENCE NUMBERS

AFRICAN AND AFRICAN AMERICAN STUDIES

INTRO AFRIC AMER ST AP AM 201  3 CREDITS  
Note: Meets U.S. diversity reqmtn  
8130005  TR 8:00-9:20  
MEETS: JAN 8-8 MAY 4

DIGIT FEEDBACK CNTRL  AER E 576  3 CREDITS  
Prereq: AER E 432 OR E E 475 OR M E 411 OR  
M E 414 OR MATH 415, AND MATH 267
8190005  TR 2:10-3:30  
MEETS: JAN 8-8 MAY 4

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

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

SPL TOP FLIGHT DYN 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

ETHNIC&RACE RELATNS  AP AM 330  3 CREDITS  
Prereq: SOC 130 OR SOC 134  
Note: SBC Al,81 ETC RESTRICTED TO AG SO, SOC, P S A.  
SEC Al,81 ETC FOR MAJORS OTHER THAN AG SO, SOC,  
P S A.  
Meets U.S. diversity reqmtn  
8638605  TR 8:00-9:20  
MEETS: JAN 8-8 MAY 4

Note: Section XW is off campus  
Course delivery is WWW
SPRING 2018

AFRICAN AND AFRICAN AMERICAN STUDIES (CONTINUED)

WOMEN OF COLOR--U.S AF AM 350 3 CREDITS
Prereq: 3 CREDITS IN W S OR AF AM
Note: Main instructor requires permission 1st week.
2570005 W MWF 11:00-11:50 DESTINE S
MEETS: JAN 8-MAY 4

HIST AFRICAN AMER I AF AM 353 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORE & ABOVE
8743005 TR 12:40-2:00 ADELEKE R
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY AF AM 490 1-3 CREDITS
Prereq: 1 CR IN AF AM, PERMISSION OF INSTRUCTOR AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM
Note: Instructor permission required.
8357005 ARRANGED
MEETS: JAN 8-MAY 4

AGRICULTURAL AND BIOSYSTEMS ENGINEERING

EXPERNC AG&BIO ENGR A B E 110 1 CREDIT
1001005 A T 10:00-11:50 MEETS: JAN 8-MAY 4
1001010 B R 10:00-11:50 MEETS: JAN 8-MAY 4
1001015 C R 11:00-12:00 MEETS: JAN 8-MAY 4

SYST PROB SOLV&PROG A B E 160 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 143 OR MATH 165
Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
6707005 A MW 10:00-11:50 MEETS: JAN 8-MAY 4

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

SNR:PREP FOR WRKFL A B E 201 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN A E, AS, BSE OR I TEC
1373005 A MW 4:10-5:00 MEETS: JAN 8-MARCH 2

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

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

PRO/ENG MOD&ASSEMBLY A B E 272 1 CREDIT
Prereq: A B E 170 OR TSM 116 OR EQUIVALENT
2650005 A M 9:00-9:50 MEETS: MARCH 5-MAY 4
W 8:00-9:50 MEETS: MARCH 5-MAY 4
Note: SEC A RESTRICTED TO A E, BSE MAJORS ONLY
2650010 B M 9:00-9:50 MEETS: MARCH 5-MAY 4
Note: SEC A RESTRICTED TO AST & I TEC MAJORS ONLY.

CAD FACIL&LAND USE A B E 273 1 CREDIT
4264005 A1 M 8:10-9:00 MEETS: JAN 8-MARCH 2
W 10:00-11:00 MEETS: JAN 8-MARCH 2
4264010 A2 W 9:00-10:00 MEETS: JAN 8-MARCH 2
Note: SEC A RESTRICTED TO A E, BSE MAJORS ONLY
4264005 B1 W 10:00-11:00 MEETS: JAN 8-MARCH 2
Note: SEC A RESTRICTED TO AST, I TEC MAJORS ONLY

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

APPLD NUMRCL METHDS A B E 316 3 CREDITS
Prereq: A B E 160, MATH 266
8355005 M W 10:00-11:50 MEETS: JAN 8-MAY 4

AGRI TRACTOR POWER A B E 342 3 CREDITS
Prereq: CH E 381 OR M E 231
Note: SEC A1,B1 RESTRICTED TO A E MAJORS ONLY.
SEC A2,B2 RESTRICTED TO COLLEGE OF ENGINEERING MAJORS ONLY.
1008005 A1 M 11:00-11:50 MEETS: JAN 8-MAY 4
1008010 A2 M 11:00-11:50 MEETS: JAN 8-MAY 4
1008015 B1 M 11:00-11:50 MEETS: JAN 8-MAY 4
1008020 B2 M 11:00-11:50 MEETS: JAN 8-MAY 4

ELEC POWR&ELCTRNC A B E 363 4 CREDITS
Prereq: A B E 216
1019005 A TR 11:00-12:30 MEETS: JAN 8-MAY 4
1019010 B TR 11:00-12:30 MEETS: JAN 8-MAY 4

PRIN BIOI SYS ENGR A B E 380 3 CREDITS
Prereq: A B E 316, CH E 357
8499005 M 12:10-1:00 F 12:10-2:00 MEETS: JAN 8-MAY 4

COOPERATIVE EDUC A B E 390 8 CREDITS
Prereq: A B E 218, PERMISSION OF DEPARTMENT AND ENGINEERING CAREERS COUNSELING

FUND ENGINR REVIEW A B E 418 1 CREDIT
Note: STUDENTS MUST SIGN UP FOR THE FUNDAMENTALS OF ENGINEERING EXAM IN ORDER TO COMPLETE THIS COURSE
4248005 F 8:00-9:50 MEETS: JAN 8-MARCH 2

SOIL&WTR MONITR SYS A B E 436 3 CREDITS
Prereq: A B E 316, CH E 381, M E 231
8250005 R 10:00-11:50 MEETS: JAN 8-MAY 4

PRIN BIOL SYS ENGNR A B E 451 3 CREDITS
Prereq: A B E 216, PERMISSION OF DEPARTMENT AND COOPERATIVE EDUC

ENGINEERING CAREER SERVICES
AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

ENVIR MODIP SY ANIM  A B E 472  3 CREDITS
 Prereq: A B E 216, M E 231
 1158005  A TR 8:00-9:10  MEETS: JAN 8-MAY 4

DSIGN ANIM PROD SYS  A B E 475  2 CREDITS
 Prereq: A B E 271 OR A B E 272, E M 324
 4206005  ARRANGED  MEETS: JAN 8-MAY 4

IND ST:BIORNW RSRCE  A B E 490B  1-5 CREDITS
 Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.

IND ST:ENVR BIOPRC  A B E 490E  1-5 CREDITS

IND STU:FOOD ENGNR  A B E 490F  1-5 CREDITS

INDEPENDENT STUDY  A B E 490G  1-5 CREDITS

INDEP STUDY HONORS  A B E 490H  1-5 CREDITS

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

AG &LIFE SCI EXP LOR  AGEDS 110C  1 CREDIT
 8358005  M W 12:10-1:00  MEETS: JAN 8-MARCH 2

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

FIELD EXP H.S. AGRI  AGEDS 211A  1 CREDIT
 Prereq: AGEDS 110
 Note: COURSE RESTRICTED TO AGLE MAJORS ONLY

FIELD EXP AG INDUST  AGEDS 211C  1 CREDIT
 Prereq: AGEDS 110

CAREER SEMINAR  AGEDS 215  1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION

AG &LIFE SCI EXPLOR  AGEDS 110C  1 CREDIT

AGRICULTURAL EDUCATION & STUDIES

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

RESEARCH BIOSYS ENG  A B E 699B VAR. CREDITS

RES CMPTR AID DSIGN  A B E 699C VAR. CREDITS

RES ENVRNMNTL SYST  A B E 699D VAR. CREDITS

RESEARCH FOOD ENG  A B E 699F VAR. CREDITS

RES PWR&MACH ENGR  A B E 699G VAR. CREDITS

RES ENVIR&NAT RES  A B E 699H VAR. CREDITS

RESEARCH WASTE MGT  A B E 699I VAR. CREDITS

AGRICULTURAL EDUCATION & STUDIES

AG & LIFESCI EXPLOR  AGEDS 110C  1 CREDIT

AG BIO TECHNOL COLLOQ  AGEDS 112  1 CREDIT
 Prereq: ENROLLMENT AS AN AG EXCELLENCE SCHOLAR

CAREER SEMINAR  AGEDS 215  1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION

FOUND AG ED PROGRAMS  AGEDS 310  3 CREDITS
 8790005  T 9:30-10:50  MEETS: JAN 8-MAY 4

PRESENT STRATEGIES  AGEDS 311  3 CREDIT
 Prereq: SEC 1A, 2A ECT RESTRICTED TO AG ST, AGLE MAJORS ONLY.
 SEC 1B, 2B ECT RESTRICTED TO AG ST, AGLE MAJORS ONLY

RESEARCH BIOSYS ENG  A B E 699B VAR. CREDITS

RES CMPTR AID DSIGN  A B E 699C VAR. CREDITS

RES ENVRNMNTL SYST  A B E 699D VAR. CREDITS

RESEARCH FOOD ENG  A B E 699F VAR. CREDITS

RES PWR&MACH ENGR  A B E 699G VAR. CREDITS

RES ENVIR&NAT RES  A B E 699H VAR. CREDITS

RESEARCH WASTE MGT  A B E 699I VAR. CREDITS

AGRICULTURAL EDUCATION & STUDIES

AG & LIFESCI EXPLOR  AGEDS 110C  1 CREDIT

AG BIO TECHNOL COLLOQ  AGEDS 112  1 CREDIT
 Prereq: ENROLLMENT AS AN AG EXCELLENCE SCHOLAR

CAREER SEMINAR  AGEDS 215  1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION

PRESENT STRATEGIES  AGEDS 311  3 CREDIT
 Prereq: SEC 1A, 2A ECT RESTRICTED TO AG ST, AGLE MAJORS ONLY.
 SEC 1B, 2B ECT RESTRICTED TO AG ST, AGLE MAJORS ONLY

AG & LIFESCI EXPLOR  AGEDS 110C  1 CREDIT
LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
MEETS: JAN 8-MAY 4

AG MECHAN APPLIED AGEDS 388 3 CREDITS
6067005 1A M 4:10-6:00PM HAINLINE M
W 4:10-7:00PM HAINLINE M
MEETS: JAN 8-MAY 4
Note: SEC 1A RESTRICTED TO AG ST, AGLESE MAJORS ONLY
Note: SEC 1B FOR MAJORS OTHER THAN AG ST, AGLESE

COOPERATIVE EDUCAT AGEDS 398 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
MEETS: JAN 8-MAY 4

INTERNSHIP IN AGRS AGEDS 412 2-6 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
NOTE: INDEPENDENT STUDY HONORS AGEDS 490H 1-3 CREDITS
Industial perspectives reqm 1st week.

AGRI TRAVEL DOMESTC AGEDS 496B 1-3 CREDITS
TRIP EXPENSES PAID BY STUDENT
Note: SEC TH PRE-TRAVEL THAILAND & TAIWAN S18
MEETS: JAN 8-MAY 4

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

AG TRAVEL INTERNAT AGEDS 496A 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
AGRI TRAVEL DOMESTC AGEDS 496B 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
MEETS: JAN 8-MAY 4
AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

INTR LRG THY AGED AGEDS 533 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
8005005 ARRANGED MEETS: JAN 8-MAY 4 LAMBERT M
8005600 XV ARRANGED MEETS: JAN 8-MAY 4
Note: Section XV is off campus
Course delivery is WWW
Cmptr reqmt: http://www.agonline.iastate.edu/resource/computer-requirements

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

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

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

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

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

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

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

SPCL TOP TECHN TCHNL AGED AGEDS 590H 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
********* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PROG RM PLAN AGED AGEDS 590L 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
********* SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP CURRICULUM AGEDS 593A 1-3 CREDITS
1317005 ARRANGED MEETS: JAN 8-MAY 4
Cmptr reqmt: http://www.agonline.iastate.edu/resource/computer-requirements

METHODS WORKSHOP AGED AGEDS 593B 1-3 CREDITS
1318005 ARRANGED MEETS: JAN 8-MAY 4

WORKSHOP EVALUATION AGED AGEDS 593C 1-3 CREDITS
1319005 ARRANGED MEETS: JAN 8-MAY 4

ADMINISTRATN WORKSHOP AGED AGEDS 593D 1-3 CREDITS
1320005 ARRANGED MEETS: JAN 8-MAY 4

WORKSHOP LEADERSHIP AGED AGEDS 593E 1-3 CREDITS
1321005 ARRANGED MEETS: JAN 8-MAY 4

WORKSHOP EXTENSION AGED AGEDS 593F 1-3 CREDITS
1322005 ARRANGED MEETS: JAN 8-MAY 4

WKSHP PROGRAM PLAN AGED AGEDS 593G 1-3 CREDITS
1323005 ARRANGED MEETS: JAN 8-MAY 4

WKSHP INSTR TECHNOL AGED AGEDS 593H 1-3 CREDITS
1890005 ARRANGED MEETS: JAN 8-MAY 4

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

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

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

SEMINAR CAREER PLAN AGED 615D 1 CREDIT
Satisfactory-Fail Only.
2949005 1 ARRANGED MEETS: JAN 8-MAY 4

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

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

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

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

AGRONOMY

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

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

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

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

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

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

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

ORGNC CMPD PLTS&SOIL AGRON 259 3 CREDITS
8411005 1 MWF 10:00-10:50 MEETS: JAN 8-MAY 4
8411010 2 MWF 11:00-11:50 MEETS: JAN 8-MAY 4
8411015 3 MWF 10:00-10:50 MEETS: JAN 8-MAY 4
8411020 4 MWF 11:00-11:50 MEETS: JAN 8-MAY 4
Note: Satisfactory-Fail Only.
Note: MEETS 3 RESTRICTED TO AGRON MAJORS ONLY
Note: MEETS 4 RESTRICTED TO AGRON MAJORS ONLY
Note: SEC 1 FOR MAJORS OTHER THAN AGRON
Note: SEC 2 FOR MAJORS OTHER THAN AGRON

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

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

SOIL CNSRV&LAND USE AGRON 282 3 CREDITS
Prereq: AGRON 182 OR EQUIVALENT
Note: Credit in either AGRON 283 or AGRON 282, but not both, may be applied toward graduation
1544005 MW 12:10-1:00
MEETS: JAN 8-MAY 4

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

COORDINATE EDUCAT AGRON 298 R CREDIT
Prereq: Permission of Dept. Cooperative Education Coordinator, Sophomore Classification
1401005 ARRANGED
MEETS: JAN 8-MAY 4

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

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

GENET,AGRI&BIOTECHN AGRON 320 3 CREDITS
Prereq: BIOL 212
Note: Credit for only one of the following may be applied toward graduation: GEN 260, GEN/BIOL 313 AND 313L, GEN/AGRON 320
1418005 TR 3:40-5:00
MEETS: JAN 8-MAY 4

INTERCOLL CROP TEAM AGRON 331 2 CREDITS
Prereq: Permission of Instructor. AGRON 330 Recommended
1408005 1 TR 3:10-5:00
Prereq: Permission of Instructor. AGRON 330 Recommended
1408005 1 TR 3:10-5:00
MEETS: JAN 8-MARCH 2
1408010 2 ARRANGED
MEETS: MARCH 5-MAY 4
Note: Instructor permission required.

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

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

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

SOILS & PLANT GROWTH LB AGRON 354L 1 CREDIT
Prereq: AGRON or Hort Major with Credit or Enrollment in AGRON 354
Note: Course restricted to AGRON & HORT MAJORS ONLY.
8362005 1 T 12:10-1:30
MEETS: JAN 8-MAY 4
8362010 2 W 11:00-12:00
MEETS: JAN 8-MAY 4
8362015 3 R 11:00-12:00
MEETS: JAN 8-MAY 4

ENVIRN SOIL SCIENCE AGRON 360 3 CREDITS
Prereq: AGRON 182 (OR EQUIVALENT) OR ENSCI 250
3989005 1 MW 9:00-9:50
M 11:00-12:00
MEETS: JAN 8-MAY 4
3989010 2 MW 9:00-9:50
W 12:10-2:00
MEETS: JAN 8-MAY 4
3989015 3 MW 9:00-9:50
W 2:10-4:00
MEETS: JAN 8-MAY 4
3989020 4 MW 9:00-9:50
M 3:10-5:00
MEETS: JAN 8-MAY 4

AGRONOMY (CONTINUED)

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

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

COORDINATE EDUCAT AGRON 398 R CREDIT
Prereq: Permission of Department Cooperative Education Coordinator, Junior Classification
1411005 ARRANGED
MEETS: JAN 8-MAY 4
Note: Instructor permission required.

GLOBAL CHANGE AGRON 404 3 CREDITS
Prereq: Four courses in physical or biological sciences or engineering, Junior classification
Note: Course restricted to GE MAJORS only
8140005 MW 11:00-11:50
MEETS: JAN 8-MAY 4
Note: On-campus only. Restricted to Geol, Mteor Ensci, Enscs and Ge at Majors only
Syllabus: http://www.meteor.iastate.edu/classes/mt404

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

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

PRO DEVELOP SR FORUM AGRON 410 1 CREDIT
Prereq: Senior Classification
Note: Course restricted to Juniors and Seniors
1428005 A T 2:10-3:00
MEETS: JAN 8-MAY 4

GIS FOR GEO.SCIENTIST AGRON 452 3 CREDITS
Prereq: GEO 180, GEOL 201 OR EQUIVALENT
8577005 MW 4:10-5:00
ZHOU Y
F 4:10-5:00
ZHOU Y
MW 5:10-6:00PM
MEETS: JAN 8-MAY 4

SOIL FORMATNLANDSC AGRON 463 3 CREDITS
Prereq: OR/ER CLASSIFF WITH AT LEAST 8 CR IN AGRON
Note: Credit for Either AGRON/ENSCI 463 OR IA LL/AGRON/ENSCI 463I but not both, may be applied toward graduation.
1435010 1 TR 10:00-10:50
T 2:10-3:00
ARRANGED
MEETS: JAN 8-MAY 4

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

INDEPENDENT STUDY AGRON 490G 1-3 CREDITS
Prereq: Jr/Sr Classified with at least 8 cr in AGRON
Instructor permission in Specialty Area after Consultation
See Dept for Reference Numbers

INDEPENDENT HONORS AGRON 490H 1-3 CREDITS
Prereq: Jr/Sr Classified with at least 8 cr in AGRON
Instructor permission in Specialty Area after Consultation
Members 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.

AGRONOMY WORKSHOP AGRON 493 VAR. CREDITS
Prereq: Permission of Instructor
6804005 ARRANGED
MEETS: JAN 8-MAY 4
AGRONOMY (CONTINUED)

AG INT’L TRAVEL TOUR AGRON 496A VAR. CREDITS

Prereq: PERMISSION OF INSTRUCTOR

Note: Meets international perspectives reqmt

9433800 AR ARRANGED MCDANIEL M

MEETS: MARCH 9-18

Note: Sec AR Taught in Argentina. Topic: AGRICULTURAL PRODUCTION, BUSINESS AND TRADE IN ARGENTINA. Spring 2018 – Travel March 9-18

VARIABLE CREDITS 1-2.

Study Abroad Administrative Fee Applies

AGROECOLOGY FLD CRS AGRON 497 3 CREDITS

Prereq: JR/SR CLASSIFICATION, 8 CREDITS IN AGRONOMY

8311005 ARRANGED

MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATN AGRON 498 R CREDIT

Prereq: PERMISSION OF DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION

1416005 ARRANGED

MEETS: JAN 8-MAY 4

CROP GROWTH &DEVELP AGRON 501 3 CREDITS

Prereq: AGRON 181 OR EQUIVALENT, MATH 140, CHEM 163, BIOL 101

6438600 XW ARRANGED WESTGATE M

MEETS: JAN 8-MAY 4

Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY, MS PLANT BREEDING AND AGRONOMY GRADUATE CERTIFICATE ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.

Section XW is off campus

Course delivery is WWW

Cmtr reqmt: https://masters.agron.iastate.edu/home

/technologyrequirements

CHEM, PHYS & BIOL SOIL AGRON 502 3 CREDITS

Prereq: AGRON 181 OR EQUIVALENT, AGRON 182 OR EQUIVALENT, BIOL 101, CHEM 163, MATH 140

6442600 XW ARRANGED DOBILL D

MEETS: JAN 8-MAY 4

Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY AND AGRONOMY GRADUATE CERTIFICATE ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.

Section XW is off campus

Course delivery is WWW

Delivery fee $200.00

Cmtr reqmt: https://masters.agron.iastate.edu/home

/technologyrequirements

CLIMATE ACROP GROWTH AGRON 503 3 CREDITS

Prereq: AGRON 181 OR EQUIVALENT, MATH 140

Note: CREDIT FOR EITHER AGRON 503 OR AGRON 541, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

6453600 XW ARRANGED KABELA E

MEETS: JAN 8-MAY 4

Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY AND AGRONOMY GRADUATE CERTIFICATE ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.

Section XW is off campus

Course delivery is WWW

Cmtr reqmt: https://masters.agron.iastate.edu/home

/technologyrequirements

GLOBAL CHANGE AGRON 504 3 CREDITS

Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING JUNIOR, SENIOR OR GRADUATE STANDING

8143005 MWF 11:00-11:50

MEETS: JAN 8-MAY 4

MESOSCALE METEOROLGY AGRON 507 3 CREDITS

Prereq: MATH 165 AND MTEOR 454

5266005 TR 8:00-10:50

MEETS: JAN 8-MAY 4

BIOPHYSICL CROP ECOL AGRON 508 3 CREDITS

Prereq: AGRON 505

1443005 MW 11:00-12:10

MEETS: JAN 8-MAY 4

CROP IMPROVEMENT AGRON 511 3 CREDITS

Prereq: AGRON 181 OR EQUIVALENT, MATH 140, CHEM 163, BIOL 101

6455600 XW ARRANGED LEE D

MEETS: JAN 8-MAY 4

Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY AND AGRONOMY GRADUATE CERTIFICATE ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.

Section XW is off campus

Course delivery is WWW

Cmtr reqmt: https://masters.agron.iastate.edu/home

/technologyrequirements

SOIL-PLANT ENVIRONM AGRON 512 3 CREDITS

Prereq: AGRON 552. AGRON 501 RECOMMENDED.

6481600 XW ARRANGED KWAN-MENSAN D

MEETS: JAN 8-MAY 4

Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY AND AGRONOMY GRADUATE CERTIFICATE ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.

Section XW is off campus

Course delivery is WWW

Cmtr reqmt: https://masters.agron.iastate.edu/home

/technologyrequirements

QUANTITATIVE MTHDS AGRON 513 3 CREDITS

Prereq: AGRON 181 OR EQUIVALENT, AGRON 114, MATH 140, STAT 104

6456600 XW ARRANGED HARBOR M

MEETS: JAN 8-MAY 4

Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY AND AGRONOMY GRADUATE CERTIFICATE ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.

Section XW is off campus

Course delivery is WWW

Cmtr reqmt: https://masters.agron.iastate.edu/home

/technologyrequirements

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 CHIA A

MEETS: JAN 8-MAY 4

Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY AND AGRONOMY GRADUATE CERTIFICATE ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.

Section XW is off campus

Course delivery is WWW

Cmtr reqmt: https://masters.agron.iastate.edu/home

/technologyrequirements

CROP PHYSIOLOGY AGRON 516 3 CREDITS

1444005 MWF 9:00-9:50

MEETS: JAN 8-MAY 4

MICROWV REMOTE SENS AGRON 518 3 CREDITS

Prereq: MATH 265 OR EQUIVALENT

3075005 TR 11:30-12:40

MEETS: JAN 8-MAY 4

HERBICIDE PHY&BIOLCH AGRON 519 2 CREDITS

Prereq: AGRON 316 OR EQUIVALENT, AGRON 317

1446005 ARRANGED

MEETS: JAN 8-MAY 4

PLANT BREEDG MTHDS AGRON 520 3 CREDITS

Prereq: AGRON 506

9131005 ARRANGED

MEETS: JAN 8-MAY 4

9131600 XW ARRANGED BARB J

MEETS: JAN 8-MAY 4

Note: AGRON 506 IS REQUIRED. PERMISSION MAY BE GRANTED FOR UNDERGRADUATE STUDENTS WITH JUNIOR OR SENIOR STATUS. CONTACT MICHELLE ZANDER MZANDER@IASTATE.EDU OR 515-294-7656.

College permission required.

Section XW is off campus

Course delivery is WWW

Cmtr reqmt: http://www.agonline.iastate.edu

MOLECLR PLNT BREED AGRON 523 3 CREDITS

Prereq: AGRON 421 OR AGRON 521, GDCB 542A

9206005 TR 9:00-10:50

MEETS: JAN 8-MAY 4

9206600 XW ARRANGED LUBBERSTEDT T

MEETS: JAN 8-MAY 4

Note: Section XW is off campus

Course delivery is WWW

Cmtr reqmt: http://www.agonline.iastate.edu

QNTV GEN PLNT BREED AGRON 528 3 CREDITS

Prereq: AGRON 506 OR AGRON 513

1949005 MWF 12:10-1:00

MEETS: JAN 8-MAY 4

1949600 XW ARRANGED BEAVIS W

MEETS: JAN 8-MAY 4

Note: Section XW is off campus

Course delivery is WWW

Cmtr reqmt: http://www.agonline.iastate.edu

/technologyrequirements

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Schedule</th>
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<td>STRAT DIVERSFD FARM AGRON 546</td>
<td>3 CREDITS</td>
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<td>MEETS: JAN 8-MAY 4</td>
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<td>PERENNIAL GRASSES AGRON 551</td>
<td>2 CREDITS</td>
<td>Prereq: JUNIOR OR SENIOR OR GRAD CLASSIFICATION OR PERMISSION OF INSTRUCTOR</td>
<td>1458005</td>
<td>MW 10:00-10:50</td>
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<td>GIS FOR GEOCENTIST AGRON 552</td>
<td>3 CREDITS</td>
<td>Prereq: GEOL 100, GEOL 201 OR EQUIVALENT</td>
<td>1490005</td>
<td>MW 4:10-5:00</td>
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<td>T 4:10-5:00</td>
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<td>F 5:10-6:00PM</td>
<td>MEETS: JAN 8-MAY 4</td>
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<td>SOIL-PLANT RELATION AGRON 553</td>
<td>3 CREDITS</td>
<td>Prereq: AGRON 354</td>
<td>1459005</td>
<td>MWF 2:10-3:00</td>
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<td>SOIL PHYSICS AGRON 577</td>
<td>3 CREDITS</td>
<td>Prereq: RECOMMENDED: AGRON 154 AND MATH 166</td>
<td>1464005</td>
<td>MWF 10:00-10:50</td>
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<td>LAB MTHD SOIL PHYS AGRON 578</td>
<td>1 CREDIT</td>
<td>Prereq: CONCURRENT ENROLLMENT IN AGRON 477</td>
<td>1465005</td>
<td>M 11:10-4:00</td>
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<td>SPECIAL TOPICS AGRON 590</td>
<td>VAR. CREDITS</td>
<td><strong>SEE DEPT FOR REFERENCE NUMBERS</strong></td>
<td>agriculture</td>
<td>AGRONOMY</td>
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<td>AGRONOMIC SYS ANALY AGRON 591</td>
<td>3 CREDITS</td>
<td>Prereq: AGRON 511, AGRON 513, AGRON 517, AGRON 512, AGRON 533</td>
<td>2042600</td>
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<td>Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR <a href="mailto:MSAGRON@IASTATE.EDU">MSAGRON@IASTATE.EDU</a>. Section XW is off campus Course delivery is WWW</td>
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<td>CURRENT ISSUES AGRON AGRON 592</td>
<td>3 CREDITS</td>
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<td>CR COMP AG METEOROL AGRON 599A</td>
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<td>Prereq: NONTHESIS M.S. OPTION ONLY</td>
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<td>CR COMP CROP PRD&amp;PH AGRON 599B</td>
<td>VAR. CREDITS</td>
<td>Prereq: NONTHESIS M.S. OPTION ONLY</td>
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<td>CR COMP PLANT BREED AGRON 599C</td>
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<td>Prereq: NONTHESIS M.S. OPTION ONLY</td>
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<td>Prereq: NONTHESIS M.S. OPTION ONLY</td>
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<td>CRTV COMP SOIL MGT AGRON 599F</td>
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<td>Prereq: NONTHESIS M.S. OPTION ONLY</td>
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<td>CRTV COMP SOIL MICROB AGRON 599G</td>
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<td>Prereq: NONTHESIS M.S. OPTION ONLY</td>
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<td>CRTV COMP SOIL PHYSICS AGRON 599H</td>
<td>VAR. CREDITS</td>
<td>Prereq: NONTHESIS M.S. OPTION ONLY</td>
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<td>CRTV COMP WEED SCI AGRON 599L</td>
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<td>CR COMP SOIL FERTIL AGRON 599E</td>
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<td>SMNR:PLANT BREEDING AGRON 600A</td>
<td>1 CREDIT</td>
<td>Prereq: NONTHESIS M.S. OPTION ONLY</td>
<td>1481005</td>
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<td>DIGITL SOIL MAPPING AGRON 663X</td>
<td>3 CREDITS</td>
<td>Prereq: AGRON 521, AGRON 526, AGRON 561; GEN 410</td>
<td>1488005</td>
<td>W 4:10-5:00</td>
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<td>RESEARCH SEMINAR AGRON 696</td>
<td>1 CREDIT</td>
<td>Prereq: GRADUATE CLASSIFICATION IN AGRON AND PERMISSION OF INSTRUCTOR</td>
<td>8829005</td>
<td>W 4:10-5:30</td>
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<td>RESRCH SOIL CHEM AGRON 699C</td>
<td>VAR. CREDITS</td>
<td><strong>SEE DEPT FOR REFERENCE NUMBERS</strong></td>
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<td>RESEARCH SOIL PHYSICS AGRON 699L</td>
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AGRONOMY

(RESEARCH WEED SCI AGRON 699L VAR. CREDITS

******** SEE DEPT FOR REFERENCE NUMBERS

AIR FORCE AEROSPACE STUDIES

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

FOUND US AIR FORCE AFAS 142 1 CREDIT
1261005 A T 9:00-9:50
MEETS: JAN 8-MAY 4
1261010 B W 11:10-2:00
MEETS: JAN 8-MAY 4

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

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

AMERICAN INDIAN STUDIES

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

AMERICAN SIGN LANGUAGE

AMER SIGN LANGUA II ASL 102 4 CREDITS
Prereq: ASL 101 OR ASL 105
93670005 1 TR 9:00-9:50
MEETS: JAN 8-MAY 4
9367010 2 TR 10:00-10:50
MEETS: JAN 8-MAY 4
9367015 3 TR 11:00-11:50
MEETS: JAN 8-MAY 4

INTM AM SIGN LNG II ASL 202 4 CREDITS
Prereq: ASL 201 OR EQUIVALENT
93740005 1 WTWR 12:40-2:00
MEETS: JAN 8-MAY 4
9396010 2 W 5:10-8:00
MEETS: JAN 8-MAY 4

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

ANIMAL ECOLOGY

PRIN WLDLF & CONSERV A ECL 231X 3 CREDITS
Prereq: BIOL 211, BIOL 212, NREM 120
9931005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4
9931010 MWF 11:00-11:50
MEETS: JAN 8-MAY 4
9931015 MWF 12:10-1:00
MEETS: JAN 8-MAY 4
9931020 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

FISH BIOLOGY A ECL 321 3 CREDITS
Prereq: A ECL 365
1064010 MWF 9:00-9:50
MEETS: JAN 8-MAY 4
1064015 MWF 10:00-10:50
MEETS: JAN 8-MAY 4
1064020 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

NAT HIST IOWA VERTE A ECL 366 3 CREDITS
Prereq: BIOL 211, BIOL 212, BIOL 212L
2722005 1 TR 9:00-10:50
MEETS: JAN 8-MAY 4
2722010 2 TR 10:00-11:50
MEETS: JAN 8-MAY 4
2722015 3 TR 11:00-12:50
MEETS: JAN 8-MAY 4

PRIN WLDLF DISEAS A ECL 453 3 CREDITS
Prereq: JUNIOR STANDING AND AT LEAST 10 CREDITS IN BIOLOGICAL SCIENCES AT THE 300+ LEVEL
8930005 MWF 11:00-11:50
MEETS: JAN 8-MAY 4
8930010 MWF 12:10-1:00
MEETS: JAN 8-MAY 4
8930015 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

AMERICAN INDIAN STUDIES

INTM AM INDIAN STDI 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
### ANIMAL ECOSYSTEM (CONTINUED)

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<td>1527015</td>
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### ANIMAL SCIENCE (CONTINUED)

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<td>T 2:10-4:00</td>
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**Note:** Instructor permission required 1st week.
MEETS: JAN 8–MAY 4
T 2:10–4:00
COURSE IN GENETICS
Prereq: ONE COURSE IN STATISTICS, BIOL 211/201,
1726200 2B MW 1:10–2:00
R 12:10–2:00
METEES: JAN 8–MAY 4
R 2:10–4:00
1726205 3A MW 1:10–2:00
R 2:10–4:00
METEES: JAN 8–MAY 4
1726300 3B MW 1:10–2:00
R 2:10–4:00
METTEES: JAN 8–MAY 4
1726305 4A MW 1:10–2:00
R 8:00–9:50
METTEES: JAN 8–MAY 4
1726400 4B MW 1:10–2:00
R 8:00–9:50
METTEES: JAN 8–MAY 4
SHEEP SCIENCE  AN S  229  3 CREDITS
Prereq: 114, 101
Note: COURSE RESTRICTED TO AN S, DY S, GENPV MAJORS
1727005  1 M 11:00–11:50
M 2:10–4:00
METTEES: JAN 8–MAY 4
1727010  2 MW 11:00–11:50
T 12:10–2:00
METEES: JAN 8–MAY 4
FOODS ANIMAL ORIGIN  AN S  270  2 CREDITS
Prereq: BIOL 212, CHEM 143 OR CHEM 177
1524005  1 TR 8:00–8:50
METTEES: JAN 8–MAY 4
FOODS ANIM ORIG LAB  AN S  270L  1 CREDIT
Prereq: CREDIT OR CURRENT ENROLLMENT IN AN S 270
7169005  1 W 10:00–11:50
METEES: JAN 8–MAY 4
7169010  2 W 12:10–2:00
METEES: JAN 8–MAY 4
7169015  3 W 8:00–9:50
METTEES: JAN 8–MAY 4
ANIMAL NUTRITION  AN S  319  3 CREDITS
Prereq: 214, COURSE IN ORGANIC CHEM OR KITCHEN
Note: COURSE RESTRICTED TO AN S, DY S, GENPV MAJORS
1529005  1 MWF 11:00–11:50
METTEES: JAN 8–MAY 4
ANIMAL FEEDS FEEDING  AN S  320  3 CREDITS
Prereq: 214
1635005  1 MW 8:00–8:50
F 8:00–9:50
METTEES: JAN 8–MAY 4
1635010  2 MW 8:00–8:50
F 10:00–11:50
METTEES: JAN 8–MAY 4
1635015  3 MW 8:00–8:50
F 12:10–2:00
METTEES: JAN 8–MAY 4
DOMSTC ANIM REPRODU  AN S  331  3 CREDITS
Prereq: COURSE IN PHYSIOLOGY
Note: COURSE RESTRICTED TO AN S, DY S, GENPV MAJORS
1531005  1 TR 8:00–9:20
METTEES: JAN 8–MAY 4
1532005  1 W 2:10–3:50
METTEES: JAN 8–MAY 4
LAB MTH REPRO EQUIN  AN S  332E  1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN AN S 331
2368005  1 M 10:00–11:50
METTEES: JAN 8–MAY 4
DAIRY CATTLE EVALUA  AN S  335  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
1533005  1 TR 4:10–5:50
TR 2:10–4:00
METTEES: JAN 8–MAY 4
LACTATION  AN S  337  3 CREDITS
Prereq: 214
1711005  1 TR 11:00–12:15
METTEES: JAN 8–MAY 4
GRAWHDEV DOMEST AN  AN S  345  3 CREDITS
Prereq: 214, BIOL 311 OR GEN 320
4478005  1 MWF 2:10–3:00
METTEES: JAN 8–MAY 4
GENET IMPRV DOM ANI  AN S  352  3 CREDITS
Prereq: COURSE IN STATISTICS, BIOL 211/201,
1534010 1 MW 9:00–9:50
T 8:00–9:50
METTEES: JAN 8–MAY 4
1534015 2 MW 9:00–9:50
T 10:00–11:50
METTEES: JAN 8–MAY 4
1534020 3 MW 9:00–9:50
T 12:10–2:00
METTEES: JAN 8–MAY 4
1534025 4 MW 9:00–9:50
T 2:10–4:00
METTEES: JAN 8–MAY 4
JUDGING MEAT ANIMAL  AN S  475A  1–2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
1555010  1 MW 9:00–9:50
R 8:00–9:50
METTEES: JAN 8–MAY 4
1555015  2 MW 9:00–9:50
R 12:10–2:00
METTEES: JAN 8–MAY 4
JUDGNG DAIRY CATTLE  AN S  475B  1–2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
1557005  1 ARRANGED
METTEES: JAN 8–MAY 4
JUDGING MEATS  AN S  475C  1–2 CREDITS
Prereq: ADMISSION BY INVITATION
2258005  1 ARRANGED
METTEES: JAN 8–MAY 4
INTRO CULTURAL ANTHRO 201  3 CREDITS

ANTHROPOLOGY 3 CREDITS

MEETS: JAN 8-MAY 4

ANTHROPOLOGY 3 CREDITS

MEETS: JAN 8-MAY 4

MEETS: JAN 8-MAY 4
ANTHROPOLOGY (continued)

FORENSIC ANTHROPOLOGY ANTHR 424 3 CREDITS
Prereq: 202 or 307. 319 recommended.
7719005 TR 1:00-2:30
MEETS: JAN 8-MAY 4

INTERNSHIP ARCH AeOL ANTHR 434A 2-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING
Note: No more than 6 credits of Internship Experience may count towards the major. No credit in ANTHR 434 may be used to satisfy ANTHR CORE Course Requirements for the major or for the ANTHR minor.
Satisfactory-Fail Only.
7718005 1 ARRANGED
MEETS: JAN 8-MAY 4
PRACTICUM ARCH AeOL ANTHR 451A 1-3 CREDITS
Prereq: 201 or 202 or 308
Note: Instructor permission required.
4780005 ARRANGED
MEETS: JAN 8-MAY 4
PRACTICUM CULTURAL ANTHR 451B 1-3 CREDITS
Prereq: 201 or 202 or 308
Note: Instructor permission required.
1095005 ARRANGED
MEETS: JAN 8-MAY 4
PRACTICUM BIOLOGCAL ANTHR 451C 1-3 CREDITS
Prereq: 201 or 202 or 308
Note: Instructor permission required.
1167005 ARRANGED
MEETS: JAN 8-MAY 4

IND STU CULT ANTHR ANTHR 490A 1-5 CREDITS
Prereq: 9 credits in ANTHRO.
Note: No more than 9 credits of ANTH 490 may be applied toward graduation.
Instructor permission required.
**** SEE DEPT FOR REFERENCE NUMBERS

IND STU BIOL ANTHR ANTHR 490C 1-5 CREDITS
Prereq: 9 credits in ANTHRO.
Note: No more than 9 credits of ANTH 490 may be applied toward graduation.
Instructor permission required.
**** SEE DEPT FOR REFERENCE NUMBERS

IND STU LING ANTHR ANTHR 490D 1-5 CREDITS
Prereq: 9 credits in ANTHRO.
Note: No more than 9 credits of ANTH 490 may be applied toward graduation.
Instructor permission required.
**** SEE DEPT FOR REFERENCE NUMBERS

APPLIED ANTHROPOLOGY ANTHR 511 3 CREDITS
Prereq: 6 credits in ANTH; 201 or 306
Note: Meets International perspectives reqmt 7523005
7720005 TR 9:00-10:30
MEETS: JAN 8-MAY 4

SKELETAL BIOLOGY ANTHR 519 3 CREDITS
Prereq: 307 or College Level Biology recommended.
2760005 1 MW 2:10-3:00
T 4:10-6:00
MEETS: JAN 8-MAY 4
2760010 2 MW 2:10-3:00
R 4:10-6:00
MEETS: JAN 8-MAY 4

WORLD PREHISTORY ANTHR 521 3 CREDITS
Prereq: 202 recommended.
Note: Course restricted to graduate students only.
2088005 TR 11:00-12:20
MEETS: JAN 8-MAY 4

APPL. CULTURAL RELAT ANTHR 523E 3 CREDITS
Prereq: ANTHR 201 or ANTHR 306 recommended.
2000005 TR 12:40-2:00
MEETS: JAN 8-MAY 4

FORENSIC ANTHROPOLOGY ANTHR 524 3 CREDITS
Prereq: 319
Note: Course restricted to graduate students only.
7720005 TR 2:10-3:30
MEETS: JAN 8-MAY 4

RSRC H&P RNT Forensic ANTHR 542 1 CREDIT
5259005 ARRANGED
5259110 KK ARRANGED
MEETS: JAN 8-MAY 4

GRAD INDEPENDENT STUDY ANTHR 590 1-4 CREDITS
Prereq: Grad classification, Instructor Permission.
Note: Course restricted to graduate students only.
Instructor permission required.
**** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ANTHR 699 3 CREDITS
Note: Instructor permission required.
**** SEE DEPT FOR REFERENCE NUMBERS

APPAREL, EVENTS & HOSPITALITY MGMT

ORIENTATN FOR AESHM AESHM 112 1 CREDIT
Prereq: Concurrent enrollment in AESHM 113
5099005 1A W 9:00-9:50
MEETS: JAN 8-MAY 4

FINANC APP:APPAREL AESHM 170P 1 CREDIT
Prereq: Adviser permission required.
Note: No more than 12 credits from AESHM 170, AESHM 270, and AESHM 470 may be applied toward graduation.
Instructor permission required.
1107005 ARRANGED
MEETS: JAN 8-MAY 4

SUPV WRK EXP I:APPAREL AESHM 170Q 1 CREDIT
Prereq: Adviser permission required.
Note: No more than 12 credits from AESHM 170, AESHM 270, and AESHM 470 may be applied toward graduation.
Instructor permission required.
1113005 ARRANGED
MEETS: JAN 8-MAY 4

SUPV WRK EXP I:EVENT 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.
1125005 ARRANGED
MEETS: MARCH 5-MAY 4

SUPV WRK EXP I:APPAREL AESHM 170Q 1 CREDIT
Prereq: Adviser permission required; Freshman Classification or Permission.
Note: No more than 12 credits from AESHM 170, AESHM 270, and AESHM 470 may be applied toward graduation.
Instructor permission required.
3039005 ARRANGED
MEETS: JAN 8-MAY 4

FINANC APP:HSFY MGTS AESHM 175D 2 CREDITS
Note: Course restricted to CS A, CS H, Event, HRI & HSP Majors only.
2237005 1A ARRANGED
MEETS: JAN 8-MARCH 2

FINANCL APPS:RETAIL AESHM 175N 2 CREDITS
7809005 1 ARRANGED
MEETS: MARCH 5-MAY 4

SU WRK EXP I:DINING AESHM 170P 1 CREDIT
Prereq: Adviser permission required; Freshman Classification or Permission.
Note: No more than 12 credits from AESHM 170, AESHM 270, and AESHM 470 may be applied toward graduation.
Instructor permission required.
3039005 ARRANGED
MEETS: JAN 8-MAY 4

FINANCL APPS:RETAIL AESHM 175D 2 CREDITS
Note: Course restricted to CS A, CS H, Event, HRI & HSP Majors only.
2237005 1A ARRANGED
MEETS: JAN 8-MARCH 2

FINANCL APPS:RETAIL AESHM 175N 2 CREDITS
7809005 1 ARRANGED
MEETS: MARCH 5-MAY 4

Instructor permission required.
Note: Course delivery is WWW

LDRSHIP EXPRNC&DEVEL AESHM 211 3 CREDITS
9596005 1A MW 11:10-12:00
MEETS: JAN 8-MAY 4
Note: Sec 1A restricted to a M D, AMDP, Event, HRI & HSP M
9596010 1B MW 1:10-2:00
MEETS: JAN 8-MAY 4
Note: Sec 1B for Majors other than a M D, AMDP, Event, HRI & HSP M

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APPROVAL, EVENTS & HOSPITALITY MGMT

PRE-PRO STRATEGIES AESHM 213X 1 CREDIT
Prereq: TRANSFER STUDENT OR CHANGE TO A M D, AMDP, EVENT, HSP M
9797005 1 ARRANGED
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY
9797010 2 M 10:00-10:50
MEETS: JAN 8-MAY 4
Note: SEC 2 RESTRICTED TO A M D MAJORS ONLY

CREATIVITY ON DEMAND AESHM 222 3 CREDITS
9595005 1 MWF 9:00-9:50
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY
9595010 2 MWF 9:00-9:50
MEETS: JAN 8-MAY 4
Note: SEC 2 RESTRICTED TO EVENT, HSP M MAJORS ONLY
9595015 3 MWF 9:00-9:50
MEETS: JAN 8-MAY 4
Note: SEC 3 FOR MAJORS OTHER THAN A M D, EVENT & HSP M

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

SUP WRK EXP II: EVNT AESHM 270F 1-2 CREDITS
Prereq: 6 CREDITS IN AESHM OR HSP M, CREDITS IN AESHM 270F.
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.
1270005 ARRANGED
MEETS: MARCH 5-MAY 4

SUP WRK EXP II: APPA AESHM 270N 1-2 CREDITS
Prereq: 6 CREDITS IN AESHM OR HSP M, CREDITS IN AESHM 270N.
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.
1282005 ARRANGED
MEETS: JAN 8-MAY 4

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

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

PRIN MGMT HUMAN SCI AESHM 287 3 CREDITS
4608005 1A MWF 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO HRI, EVENT, HSP M MAJORS ONLY
4608010 1B MWF 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC 1B RESTRICTED TO A M D, AMDP STUDENTS ONLY
4608015 1C MWF 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC 1C FOR MAJORS OTHER THAN AMDP, HRI, HSP M, EVENT, T C.

APPROVAL, EVENTS & HOSPITALITY MGMT

SEM CAREERS: EVENT & AESHM 311E 1 CREDIT
Prereq: AESHM 113, SOPHOMORE CLASSIFICATION, GOOD ACADEMIC STANDING
1517005 1 ARRANGED
MEETS: JAN 8-MARCH 2
Note: SEC 1 RESTRICTED TO EVENT, HSP M MAJORS ONLY
1517010 2 ARRANGED
MEETS: MARCH 5-MAY 4
Note: SEC 2 RESTRICTED TO EVENT, HSP M MAJORS ONLY

SEM CAREERS: APPAREL AESHM 311N 1 CREDIT
Prereq: AESHM 113, SOPHOMORE CLASSIFICATION, GOOD ACADEMIC STANDING
1624005 1 T 5:10-6:00PM
MEETS: JAN 8-MARCH 2
Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY
1624010 2 T 5:10-6:00PM
MEETS: MARCH 5-MAY 4
Note: SEC 2 RESTRICTED TO A M D MAJORS ONLY

HSPTY & APPARL MRTKG AESHM 340 3 CREDITS
Prereq: ECON 101
2921005 A TR 3:40-5:00
MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO CUSFA, CUSFH, EVENT, HRI, HSP M MAJORS ONLY
2921010 B TR 3:40-5:00
MEETS: JAN 8-MAY 4
Note: SEC B RESTRICTED TO A M D, AMDP, CUSFA, CUSFH MAJORS ONLY
2921015 C TR 3:40-5:00
Note: SEC C RESTRICTED TO MAJORS OTHER THAN A M D, AMDP, CUSFA, CUSFH & T C MAJORS

AESTHTCS CNSMR EXPC AESHM 342 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity reqmt
4609005 1A MWF 2:10-3:00
MEETS: JAN 8-MAY 4
Note: SEC 1A RESTRICTED TO HRI, HSP M, EVENT MAJORS
4609010 1B MWF 2:10-3:00
MEETS: JAN 8-MAY 4
Note: SEC 1B RESTRICTED TO AMD, AMDP, T C MAJORS
4609015 1C MWF 2:10-3:00
Note: SEC 1C FOR MAJORS OTHER THAN HRI, HSP M, EVENT, T C.

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

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

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

SEM ISS: EVNT & HSPTLY AESHM 411E 1 CREDIT
Prereq: SENIOR CLASSIFICATION IN AESHM
7664005 M 2:10-3:00PM
ARRANGED
MEETS: JAN 8-MARCH 2

SPRING 2018
DEV GLOBAL LEADERSHIP AESHM 421 3 CREDITS
Note: Meets international perspectives regmt
4611005 1A TR 9:30-10:50 MEETS: JAN 8- MAY 4
Note: SEC 1A RESTRICTED TO EVENT, HRI, HSP M MAJORS ONLY
4611010 1B TR 9:30-10:50 MEETS: JAN 8- MAY 4
Note: SEC 1B FOR MAJORS OTHER THAN EVENT, HRI, HSP M
HUMAN RESOURCE MGMT AESHM 438 3 CREDITS
Prereq: AESHM 270, AESHM 275 OR AESHM 287; JUNIOR CLASSIFICATION
2923005 1A TR 12:40-2:00 MEETS: JAN 8- MAY 4
Note: SEC 1A RESTRICTED TO A M D, AMDP & T C MAJORS ONLY.

INTERNSHIP HOSPITALITY AESHM 470D 3-6 CREDITS
Prereq: AESHM 270, AESHM 275, 9 CREDITS IN HSP M, MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; EMPLOYER AND LOCATION MUST BE DIFFERENT THAN THOSE USED FOR AESHM 170 AND 270. Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION

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 AND LOCATION SHOULD BE DIFFERENT THAN THOSE USED FOR AESHM 170 AND 270. Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION

INTERNSHIP ISU DINING AESHM 470P 3-6 CREDITS
Prereq: AESHM 311, 9 CREDITS IN A M D, MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; EMPLOYER AND LOCATION SHOULD BE DIFFERENT THAN THOSE USED FOR AESHM 170 AND 270. Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION

FASHION SHOW MGT AESHM 472 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 5 CREDITS OF AESHM 472 MAY BE APPLIED TOWARD GRADUATION
1872005 1 W 6:10-8:00PM ARRANGED MEETS: JAN 8- MAY 4
Note: SEC 1 OFFERED FOR 3 CREDITS Instructor permission required.
1872010 2 W 6:10-8:00PM ARRANGED MEETS: JAN 8- MAY 4
Note: SEC 2 OFFERED FOR 2 CREDITS Instructor permission required.

ENTREPRENR HUMAN SCI AESHM 474 3 CREDITS
Prereq: A M D 275 OR AESHM 287 OR ACCT 284 OR 3 CREDITS IN MGT OR PERMISSION OF INSTRUCTOR
4618005 1A TR 6:30-7:50PM MEETS: JAN 8- MAY 4
Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS Materials, field trips $/or travel fee $60.00
4618010 1B TR 6:30-7:50PM MEETS: JAN 8- MAY 4
Note: SEC 1B RESTRICTED TO CFRSA, CFHSH, EVENT, HRI, HSP M MAJORS ONLY Materials, field trips $/or travel fee $60.00
4618015 1C TR 6:30-7:50PM MEETS: JAN 8 - MAY 4
Note: Materials, field trips $/or travel fee $60.00

TEXTILE SCIENCE A M D 204 4 CREDITS
Prereq: A M D 131
Note: Instructor permission required
6604005 1 TR 9:30-10:50 W 1:10-3:00 MEETS: MAY 8-4
Note: SEC 1 RESTRICTED TO A M D, AMDP & T C MAJOR ONLY
6604010 2 TR 9:30-10:50 R 3:10-5:00 MEETS: JAN 8- MAY 4
Note: SEC 2 RESTRICTED TO A M D, AMDP & T C MAJOR ONLY
6604015 3 TR 9:30-10:50 F 11:00-12:50 MEETS: JAN 8- MAY 4
Note: SEC 3 RESTRICTED TO A M D, AMDP & T C MAJOR ONLY
6604020 4 ARRANGED M 11:00-12:50 MEETS: JAN 8- MAY 4
Note: SEC 4 RESTRICTED TO A M D MAJORS ONLY
APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

HONORS TEXTILE SCI A M D 204H 4 CREDITS
7590005 1 TR 9:30-10:50
M 11:00-12:00
MEETS: JAN 8-MAY 4

7590010 2 TR 9:30-10:50
R 11:00-12:00
MEETS: JAN 8-MAY 4

7590015 3 TR 9:30-10:50
F 11:00-12:50
MEETS: JAN 8-MAY 4

7590020 4 ARRANGED
M 11:00-12:50
MEETS: JAN 8-MAY 4

DESIGN SELECTIV ADVNC A M D 206 R CREDIT
Prereq: COMPLETION OR ENROLLMENT IN A M D 121, A M D 131, A M D 178, AND A M D 204, AND ENROLLMENT IN MAJOR
Note: Instructor permission required. Satisfactory-Fail Only.

4188005 1 ARRANGED
MEETS: MARCH 5-MAY 4
4188010 2 ARRANGED
MEETS: JAN 8-MARCH 2

CPR APP DIGTL DSIGN A M D 210 3 CREDITS
Prereq: A M D 121, A M D 245 OR CONCURRENT ENROLLMENT, AESHM 113H
5087005 1A T 11:10-3:00, ARRANGED
MEETS: JAN 8-MAY 4
Note: SEC 1A RESTRICTED TO AMDP, A M D MAJORS

5087010 1B T 11:00-3:00, ARRANGED
MEETS: JAN 8-MAY 4

5087015 2A R 11:00-3:00, ARRANGED
MEETS: JAN 8-MAY 4
Note: SEC 2A RESTRICTED TO AMDP, A M D MAJORS.

5087020 2B R 11:00-3:00, ARRANGED
MEETS: JAN 8-MAY 4

PATTNMAK I:DRFT&FL A M D 225 3 CREDITS
Prereq: A M D 121, A M D 204, A M D 206
6607005 1 MF 9:00-10:50
ARRANGED
MEETS: JAN 8-MAY 4
Note: Instructor permission required.

PRODUCT DEVELOPMFG A M D 231 4 CREDITS
Prereq: A M D 204
6608005 1 TR 12:40-2:00
F 11:10-3:00
MEETS: JAN 8-MAY 4

6608010 2 TR 12:40-2:00
W 10:00-11:50
MEETS: JAN 8-MAY 4

6608015 3 TR 12:40-2:00
F 8:00-9:50
MEETS: JAN 8-MAY 4

AESTHETC&BRAND IMAG A M D 245 3 CREDITS
Prereq: A M D 121, A M D 165; CREDIT OR ENROLLMENT IN A M D 204
6609005 1 MWF 1:10-2:00
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO A M D, AMDP MAJORS ONLY

RETAIL MERCHANDISING A M D 275 3 CREDITS
Prereq: 3 CREDITS IN MATH
2853005 1A TR 11:00-12:20
MEETS: JAN 8-MAY 4
Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY

2853010 1B TR 11:00-12:20
MEETS: JAN 8-MAY 4

2853015 1C TR 11:00-12:20
MEETS: JAN 8-MAY 4

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

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

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

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

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

CULTUR PERSPC DRESS A M D 362 3 CREDITS
Prereq: A M D 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC
Note: COURSE RESTRICTED TO A M D, AMDP, MAJORS ONLY
6622005 1 MF 10:00-10:50
MEETS: JAN 8-MAY 4

SOURCNG&GLOBAL ISSU A M D 372 3 CREDITS
Note: COURSE RESTRICTED TO A M D, AMDP MAJORS ONLY.
Meets international perspectives reqmt
8133005 1 MWF 11:00-12:50
MEETS: JAN 8-MAY 4

HONORS SOURCNG&GLBL A M D 372H 3 CREDITS
Note: COURSE RESTRICTED TO A M D, AMDP MAJORS ONLY
Meets international perspectives reqmt
6632005 MWF 1:10-2:00

MERCH PLAN& CONTROL A M D 376 4 CREDITS
Prereq: A M D 276; D 210 OR COM S 113; 3 CREDITS FROM MATH 104, MATH 105, MATH 140, MATH 150 OR EQUIVALENT
Note: COURSE RESTRICTED TO AMD, AMDP MAJORS ONLY
6625005 1 TR 10:00-10:50
T 2:10-4:00
MEETS: JAN 8-MAY 4

6625010 2 TR 10:00-10:50
F 9:00-10:50
MEETS: JAN 8-MAY 4

VISUAL PRESENTNPMTO A M D 377 3 CREDITS
Prereq: A M D 245 OR AESHM 342; AESHM 340 OR MKT 340
6626005 1A MF 12:10-1:00
6626010 1B MF 12:10-1:00
MEETS: JAN 8-MAY 4

6626015 1C MF 12:10-1:00
MEETS: JAN 8-MAY 4

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

CREATV DSIGN PROCES A M D 426 3 CREDITS
Prereq: A M D 206; A M D 321; A M D 325 OR CONCURRENT ENROLLMENT
6619005 1 MWF 11:00-12:50
MEETS: JAN 8-MAY 4
Note: Instructor permission required.

APPARL PRODUCT CNTRGL A M D 431 3 CREDITS
Prereq: A M D 231, CREDIT OR CONCURRENT ENROLLMENT IN A M D 372. A M D 121 IS RECOMMENDED.
Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
6618005 1 TR 8:00-10:50
MEETS: JAN 8-MAY 4

RETAIL INFO ANALYSI A M D 475 3 CREDITS
Prereq: A M D 376
Note: COURSE RESTRICTED TO A M D, AMDP MAJORS ONLY
4159005 1 TR 9:00-11:00
R 1:10-3:00
MEETS: JAN 8-MAY 4

OMNI-CHANNEL RETAILI A M D 477 3 CREDITS
Prereq: 3 CREDITS IN MARKETING OR A M D 275 OR AESHM 287
4776005 1 ARRANGED
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

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

*** SEE DEPT FOR REFERENCE NUMBERS

IND ST HIST TXDRSS 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 ST ENTREPRENEUR 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 STU TXTLAP DSN A M D 490D 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 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

INDEP STUDY HONORS A M D 490H VAR. CREDITS
Prereq: 6 CR IN A M D; PERMISSION OF THE INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
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 STU:PROD DEVEL A M D 490J VAR. CREDITS
Prereq: 6 CR IN TEXTILES AND CLOTHING; PERMISSION OF THE INSTRUCTOR, ADVISER, AND DEPARTMENT CHAIR
Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND A M D 490 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.

*** SEE DEPT FOR REFERENCE NUMBERS

IND STU:FASHN SHOW A M D 490K VAR. CREDITS
Prereq: 6 CR IN TEXTILES AND CLOTHING. PERMISSION OF THE INSTRUCTOR, ADVISER, AND DEPARTMENT CHAIR.
Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND A M D 490 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.

*** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

ARCHITECTURE

ARCHITECT DESIGN II ARCH 202 6 CREDITS
Prereq: ARCH 201 OR MATH 142/MATH 145X; PHYS 111
1674005 F 3:30-5:20
MEETS: JAN 8-MAY 4

ARCHITECT DESIGN II ARCH 202H 6- 7 CREDITS
Prereq: 6 CREDITS IN ARAB, PERMISSION OF DEPARTMENT CHAIR
Note: NO MORE THAN 6 CREDITS IN ARAB 490 MAY BE APPLIED TOWARD GRADUATION.
8152005 F 3:30-5:20
MEETS: JAN 8-MAY 4

Note: Instructor permission required.
ARCHITECTURE (CONTINUED)

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

ARCHITECT DESIGN IV ARCH 302 6 CREDITS
Prereq: ARCH 301 AND MINIMUM 2.0 GPA IN PREVIOUS
STUDIO COURSES
1682005 1 F 3:10-5:20
F 1:10-3:00
MW 1:10-5:20
MEETS: JAN 8-MAY 4
1682010 2 F 3:10-5:20
F 1:10-3:00
MW 1:10-5:20
MEETS: JAN 8-MAY 4
1682015 3 F 3:10-5:20
F 1:10-3:00
MW 1:10-5:20
MEETS: JAN 8-MAY 4
1682020 4 F 3:10-5:20
F 1:10-3:00
MW 1:10-5:20
MEETS: JAN 8-MAY 4
1682025 5 F 3:10-5:20
F 1:10-3:00
MW 1:10-5:20
MEETS: JAN 8-MAY 4

ARCHITECT DESIGN IV ARCH 302H 6-7 CREDITS
Prereq: ARCH 301 AND MINIMUM 2.0 GPA IN PREVIOUS
STUDIO COURSES
8206005
TR 12:40-2:00
MEETS: JAN 8-MAY 4

COMPUTER APPLICATNS ARCH 334 3 CREDITS
Note: Instructor permission required.
8268005
TR 9:30-10:50
MEETS: JAN 8-MAY 4

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

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

BLDG SCI&TECH II LAB ARCH 346L 2 CREDITS
Prereq: ARCH 345, ARCH 345L, MATH 145, PHYS 111;
CONCURRENT ENROLLMENT IN ARCH 346
8264005
TR 12:40-2:00
MEETS: JAN 8-MAY 4

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

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

HUM BEHAV&ENVIR THY ARCH 371 3 CREDITS
Prereq: COMPLETION OF THE PRE-PROFESSIONAL
PROGRAM AND ADMISSION INTO THE PROFESSIONAL PROGRAM IN ARCHITECTURE
1679005
TR 11:00-12:20
MEETS: JAN 8-MAY 4

TOPICS MEDIEVAL ARC ARCH 422 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: NO MORE THAN 6 CREDITS OF ARCH 422 MAY BE
APPLIED TOWARD DEGREE REQUIREMENTS
TOPIC: BYZANTINE ARCHITECTURE
8169005
TR 12:40-2:00
MEETS: JAN 8-MAY 4

TOP 20TH CENTU ARCH ARCH 425 3 CREDITS
Note: NO MORE THAN 6 CREDITS OF ARCH 425 MAY BE
APPLIED TOWARD DEGREE REQUIREMENTS
TOPIC: 20TH CENTURY ARCHITECTS AND ARCHITECTURE
1699005
T 6:10-9:00PM
MEETS: JAN 8-MAY 4

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

ANALYTICAL DRAWING ARCH 431 3 CREDITS
Prereq: ARCH 230 AND ARCH 302
Note: TOPIC: FREEHAND DRAWING: PERCEPTION,
CONCEPTUALIZATION & ACTUALIZATION
2154005
TR 8:30-10:15
MEETS: JAN 8-MAY 4
2154800 IT ARRANGED
MEETS: JAN 8-APRIL 27
Note: SEC IT TAUGHT IN ROME, ITALY, 'COLLEGE OF
DESIGN IN ROME: ARCHITECTURE, SPRING 2018.
OFFERED FOR 3 CREDITS
Study Abroad Administrative Fee Applies

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

DSIGN:MADE IN ITALY ARCH 486 3 CREDITS
1635200 IT ARRANGED SCHNEIDER P
Note: Meets international perspectives reqmt
MEETS: JAN 8-MAY 4

ARCHITECTURE (CONTINUED)

IND STYD DSN COMM ARCH 490A 1-9 CREDITS
Prereq: APPROVAL OF INST & DEPT CHAIR ON REG FORM
Note: Department permission required.
**** SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY ARCH 490A 1-9 CREDITS
Prereq: APPROVAL OF INST & DEPT CHAIR ON REG FORM
Note: Department permission required.
**** SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY TECHN SYST ARCH 490C 1-9 CREDITS
Prereq: APPROVAL OF INST & DEPT CHAIR ON REG FORM
Note: Department permission required.
**** SEE DEPT FOR REFERENCE NUMBERS

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

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

IND DEP STUDY PRACTICE ARCH 490F 1-9 CREDITS
Prereq: APPROVAL OF INST & DEPT CHAIR ON REG FORM
Note: Department permission required.
**** SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY HONORS ARCH 490H 1-9 CREDITS
Prereq: APPROVAL OF INST & DEPT CHAIR ON REG FORM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
Department permission required.
**** SEE DEPT FOR REFERENCE NUMBERS

ARCH DSIGN&MEDIA II ARCH 506 5 CREDITS
Prereq: ARCH 505, ARCH 541, ARCH 595 AND
CONCURRENT ENROLLMENT IN ARCH 542 AND ARCH 596
7753005
MW 1:10-5:20
F 1:10-2:40
MEETS: JAN 8-MAY 4

BIG&TALL:CONST HIST ARCH 517 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
9838005
TR 9:30-10:50
MEETS: JAN 8-MAY 4
Note: SEC IT RESTRICTED TO ARCH, ARC MAJORS ONLY
9838010
TR 9:30-10:50
MEETS: JAN 8-MAY 4
Note: SEC IT RESTRICTED TO ARCH, ARC MAJORS ONLY

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

Note: Instructor permission required.
ARCHITEC TURE (CONTINUED)

TOPI STDI ARCH/ARCHIT 528A 2- 3 CREDITS
Prereq: 221, 222 OR 28 CLASSIF OR GRAD STANDING
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018.
1731005 1 TR 11:00-12:20
MEETS: JAN 8-MAY 4
1731010 2 TR 11:00-12:20
MEETS: JAN 8-MAY 4
1731015 3 R 6:10-9:00PM
MEETS: JAN 8-MAY 4
1731020 4 W 9:00-11:50
MEETS: JAN 8-MAY 4

TOPCL STDI COMM/CULTR 528C 2- 3 CREDITS
Prereq: 221, 222 OR 28 CLASSIF OR GRAD STANDING
1326005 1 F 9:00-11:50
Note: TOPIC: PROPOSALS, PRESENTATIONS + PORTFOLIOS
MEETS: JAN 8-MAY 4

ADV CMPT-/*ID ARCH 534 3 CREDITS
Prereq: ARCH 42 AND PERMISSION OF INSTRUCTOR
1735005 1 TR 9:30-10:50
MEETS: JAN 8-MAY 4

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

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

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

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

CONTEM URB DSN THRY ARCH 575 3 CREDITS
Note: TOPIC: SCALES OF URBAN DESIGN
1752005 1 W 9:00-11:50
MEETS: JAN 8-MAY 4

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

SEMM BUILT ENVII ARCH 596 5 CREDITS
Prereq: ARCH 505, ARCH 541, ARCH 595 AND
CONCURRENT ENROLLMENT IN ARCH 506 AND ARCH 542
7926005 TR 9:30-1:10
R 9:30-10:10
MEETS: JAN 8-MAY 4

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

INDEP DESIGN STUDY ARCH 690 6 CREDITS
Prereq: PERMISSION OF HONORS PROGRAM
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

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

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

ART EDUCATION

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

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

ART HISTORY

HISTORY OF ART II ART H 281 3 CREDITS
Note: Meets international perspectives reqmt
1791005 TR 11:00-12:20
MEETS: JAN 8-MAY 4

INTR VISU CULTR STU ART H 292 3 CREDITS
Note: Meets U.S. diversity reqmt
1764005 TR 11:00-12:20
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW

ARTARCHIT OF ASIA ART H 382 3 CREDITS
Note: Meets international perspectives reqmt
2868005 TR 2:10-3:30
MEETS: JAN 8-MAY 4

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

HISTORY OF COMICS ART H 489 3 CREDITS
3875005 TR 10:30-12:00
MEETS: JAN 8-MAY 4

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 HONS STUDENTS ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

MUSEUM/GLLRY INTERN ART H 497 1- 6 CREDITS
Note: SEC A2 RESTRICTED TO ECE, EL ED MAJORS
CURRICULUM Satisfactory-Fail Only
****** SEE DEPT FOR REFERENCE NUMBERS

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

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

SPECIAL TOPICS ART H 597 VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DESIGN,
OR EVIDENCE OF SUFFICENCY IN SPECIALIZED AREA.
WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REG'D FORM IN ADVANCE OF SEMESTER OF ENROLLMT
****** SEE DEPT FOR REFERENCE NUMBERS
ART HISTORY (Continued)

HIST OF PHOTOGRAPHY ART H 596 3 CREDITS
PreReq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR.
Note: Suitable for students who wish to take photography.
8234005 W 6:10-8:40PM
MEETS: JAN 8-MAY 4

TOPICS IN ART H 598 3 CREDITS
PreReq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR.
Note: Course Topic: Art World After 1989
MEETS: JAN 8-MAY 4
1792005 A R 6:10-8:40PM
Note: Sec A Topic: Art & the World After 1989

ASTRONOMY & ASTROPHYSICS

NORTH STAR ASTRONOMY ASTRO 102 1 CREDIT
Note: Students who take Astro 120 may apply credit in only one of Astro 102 or 103 toward graduation.
8059600 XW ARRANGED
DANILOVIC D
MEETS: JAN 8-MAY 4
Note: Section XW is off campus.
Course delivery is WWW

EVENING STAR ASTRO 103 1 CREDIT
Note: Students who take Astro 120 may apply credit in only one of Astro 102 or 103 toward graduation.
8260600 XW ARRANGED
DANILOVIC D
MEETS: JAN 8-MAY 4
Note: Section XW is off campus.
Course delivery is WWW

EARTH&SPACE FOR EL ED ASTRO 106 2 CREDITS
PreReq: Major in Elementary or Early Childhood Ed
8505005 ARRANGED
CERVATO C
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW.

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS
Note: 2-Part course. Register for numbered section first and then lettered section. Students who don't register for both parts of the course will be dropped from the course due to incomplete registration. Students who take Astro 120 may apply credit in only one of Astro 102 or 103 toward graduation.
1951005 1 F 8:00-9:50
MEETS: JAN 8-MAY 4
1951010 2 F 9:00-9:50
MEETS: JAN 8-MAY 4
1951015 3 F 10:00-11:50
MEETS: JAN 8-MAY 4
1951020 4 F 11:00-11:50
MEETS: JAN 8-MAY 4
1951025 5 F 12:10-1:00
MEETS: JAN 8-MAY 4
1951030 6 F 1:10-2:00
MEETS: JAN 8-MAY 4
1951035 7 F 2:10-3:00
MEETS: JAN 8-MAY 4
1951040 8 F 3:10-4:00
MEETS: JAN 8-MAY 4
1951045 9 R 4:10-5:00
MEETS: JAN 8-MAY 4
1951050 10 M 8:00-8:50
MEETS: JAN 8-MAY 4
1951055 11 M 9:00-9:50
MEETS: JAN 8-MAY 4
1951060 12 M 10:00-10:50
MEETS: JAN 8-MAY 4
1951065 13 M 11:00-11:50
MEETS: JAN 8-MAY 4
1951070 14 M 12:10-1:00
MEETS: JAN 8-MAY 4
1951075 15 M 1:10-2:00
MEETS: JAN 8-MAY 4
1951080 16 M 2:10-3:00
MEETS: JAN 8-MAY 4
1951085 17 M 3:10-4:00
MEETS: JAN 8-MAY 4
1951120 2 TR 11:00-11:50
MEETS: JAN 8-MAY 4

ASTRONOMY & ASTROPHYSICS (Continued)

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

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

INDEPENDENT STUDY ASTRO 290 1-4 CREDITS
PreReq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

INTRO TO ASTROPHYS ASTRO 346 3 CREDITS
PreReq: PHYS 222
8740005 MNF 1:10-2:00
MEETS: JAN 8-MAY 4

UNDERGRAD RESEARCH ASTRO 450 1-6 CREDITS
PreReq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH ASTRO 450L 1-6 CREDITS
PreReq: PERMISSION OF INSTRUCTOR
Note: No more than 9 credits of Astro 450 may be applied toward graduation.
******** 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.
Course restricted to University honors students only.
******** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS ASTRO 590 VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ASTRO 599 VAR. CREDITS
PreReq: Permission of Instructor
******** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED SEMINAR ASTRO 650 1 CREDIT
1970005 F 4:10-6:00PM
MEETS: JAN 8-MAY 4

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

ATHLETIC TRAINING

BASIC ATHLETIC TRAIN A TR 220 2 CREDITS
PreReq: BIOL 155 or BIOL 255 and BIOL 256
Note: Instructor permission required 1st week.
5729005 1 M 8:00-8:50
DREHNT J
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
DREHNT J
5729015 3 M 10:00-11:50
DREHNT J
5729020 4 M 11:00-12:50
DREHNT J
Note: Sec 2 For Majors other than a Tr, D EXA,
D EXH, KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY.
5729025 5 TR 1:10-2:00
DREHNT J
Note: Sec 3 Restricted to a Tr, D EXA, D EXH,
KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY.

PRE-ATH TRAIN PRACT A TR 221 1 CREDIT
PreReq: Credit or enrollment in a TR 222
Note: Course restricted to Kin H, P ATR Majors
6654005 1 T 11:00-11:50
MEIER M
ARRANGED
MEETS: JAN 8-MAY 4
6654010 2 R 11:00-11:50
MEIER M
ARRANGED
MEETS: JAN 8-MAY 4
ATHLETIC TRAINING  
A TR 222  3 CREDITS
Prereq: BIOL 255, 255L
Note: COURSE RESTRICTED TO KIN H, P ATH MAJORS
7917005  1  TR 9:30-10:50 MEIER M
MEETS: JAN 8-MAY 4

EVAL ATH INJURIES  
A TR 224  3 CREDITS
Prereq: PERMISSION OF ATHLETIC TRAIN PROG DIRECTOR
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
6655005  1  MWF 9:00-10:50 PEEL S
MEETS: JAN 8-MAY 4

ATHL INJURY I PRACT  
A TR 225  1 CREDIT
Prereq: PERMISSION OF ATHLETIC TRAIN PROG DIRECTOR
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
Satisfactory-Fail Only.
6670005  1  ARRANGED PEEL S
MEETS: JAN 8-MAY 4

INTRO TAPE, EQP, BRAC  
A TR 240  1 CREDIT
Prereq: PERMISSION OF ATHLETIC TRAIN PROG DIRECTOR
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
Satisfactory-Fail Only.
2583005  1  M 10:00-11:50 POSTMA N
MEETS: JAN 8-MAY 4

REHAB ATHLETIC INJUR  
A TR 326  3 CREDITS
Prereq: PERMISSION OF ATHLETIC TRAIN PROG DIRECTOR
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
Satisfactory-Fail Only.
2639005  1  MWF 9:00-10:50 COBERLEY M
5373005  1  MWF 9:00-10:50 COBERLEY M
MEETS: JAN 8-MAY 4

EVID-BASED PRACTICE  
A TR 488  2 CREDITS
Prereq: PERMISSION OF ATHLETIC TRAIN PROG DIRECTOR
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
Satisfactory-Fail Only.
5775005  1  ARRANGED MILLER V
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO A TR MAJORS ONLY
Course delivery is WWW

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

ATHLETICS  
CONTINUED

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

INTERCOLL BASKETBALL  
ATH 101C  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.
1975005  1  ARRANGED FENNELLY W
MEETS: JAN 8-MAY 4

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

INTERCOLL GYMNASTICS  
ATH 101J  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.
1981005  1  ARRANGED RONAYNE J
MEETS: JAN 8-MAY 4

BIOCHEM, BIOPHYSICS & MOLECULAR BIO  
CONTINUED

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 4 LAB MEET OPPOSITE
WEEKS.
1997005  A  F 2:10-3:00 CHEN B
F 1:10-3:00 CHEN B
1997100  B  F 2:10-4:00 CHEN B
1997101  C  T 10:00-11:50 CHEN B
MEETS: JAN 8-MAY 4
1997102  D  T 9:00-10:50 CHEN B
MEETS: JAN 8-MAY 4

1982005  ARRANGED PINKERTON J
MEETS: JAN 8-MAY 4

1984005  ARRANGED SORENSON D
MEETS: JAN 8-MAY 4

1986005  ARRANGED ESPINOSA A
MEETS: JAN 8-MAY 4

1988005  ARRANGED SMITH M
MEETS: JAN 8-MAY 4

1990005  ARRANGED DRESSER K
MEETS: JAN 8-MAY 4

1995005  ARRANGED DRESSER K
MEETS: JAN 8-MAY 4

1996005  ARRANGED MERRIAM D
MEETS: JAN 8-MAY 4

1997005  ARRANGED MARTENS C
MEETS: JAN 8-MAY 4

1999005  ARRANGED MARTENS C
MEETS: JAN 8-MAY 4

2000005  ARRANGED MARTENS C
MEETS: JAN 8-MAY 4
BIOCHEM, BIOPHYSICS & MOLECULAR BIO

CHEM PRIN IN BI SY BBMB 201 2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CHEM 332
2053005 TR 11:00-11:50 ANDREOTTI A
MEETS: JAN 8-MAY 4

BIOCHEMICAL PROCESSES BBMB 221 3 CREDITS
Prereq: CHEM 163, CHEM 167, OR CHEM 177
Note: CREDIT FOR EITHER BBMB 221 OR CHEM 221, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. BIOCHEMISTRY AND BIOPHYSICS MAJORS MAY NOT APPLY CREDIT FOR BBMB 221 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE.
1998005 TR 2:10-3:10 NIKOLAU B
MEETS: JAN 8-MAY 4

SURVEY OF BIOCHEM BBMB 301 3 CREDITS
Prereq: CHEM 231 OR CHEM 331
Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 301 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE. CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: BBMB 301, BBMB 303X, BBMB 316.
1999005 MWF 12:10-1:00 THORNBURG R
1999600 XW ARRANGED THORNBURG R
MEETS: JAN 8-MAY 4
Note: Section XW is off campus

DEPARTMENT SEMINAR BBMB 682 R CREDIT
Prereq: PERMISSION AND SIGNATURE OF COURSE ADMINISTRATOR REQUIRED.
Note: This course is open only to on-campus students.
2014200 2 TR 2:10-4:00 NOTT J
MEETS: JAN 8-MAY 4

INTR PROTEIN TECHNQ BBMB 542C 1 CREDIT
Satisfactory-Fail Only.
2015201 TR 11:00-11:50 HONZATKO R
MEETS: JAN 8-MAY 4

INDEP STUDY HONORS BBMB 490H 1-3 CREDITS
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE: JUNIOR OR SENIOR CLASSIFICATION.
Note: NO MORE THAN 9 CREDITS OF BBMB 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH BBMB 499 1-5 CREDITS
Prereq: PERMISSION OF FACULTY MEMBER WITH WHOM STUDENT PROPOSES TO WORK
Note: Section XW is off campus
1746400 XW ARRANGED DISPIRITO A
MEETS: JAN 8-MAY 4

MOLECULAR BIOPHYSICS BBMB 461 2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CHEM 324 & CHEM 332
1799800 TR 10:10-11:00 HONZATKO R
MEETS: JAN 8-MAY 4

SPECIAL TOPICS BBMB 590 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP BIOCHEM & BIOPH BBMB 593 1 CREDIT
Prereq: PERMISSION AND SIGNATURE OF COURSE ADMINISTRATOR REQUIRED.
Note: Section XW is off campus
1790600 XW ARRANGED MACINTOSH G
MEETS: JAN 8-MAY 4

ADVANCED SEMINAR BBMB 681 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2010200 TR 11:00-11:50 HONZATKO R
MEETS: JAN 8-MAY 4

DEPARTMENT SEMINAR BBMB 682 R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2035005 TR 11:00-11:50 THORNBURG R
MEETS: JAN 8-MAY 4
BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

RESEARCH SEMINAR BBMB 696 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8–MAY 4
8831005 W 4:10–5:00
MEETS: JAN 8–MAY 4

SEM Molec,C,DV BIO BBMB 698 1–2 CREDITS
Prereq: Course offered for 1 credit spring 2018.
2037005 M 4:10–5:00
MEETS: JAN 8–MAY 4

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

BIOINFORMATICS & COMPUTATIONAL BIOL-UG

INDEPENDENT STUDY CBCIO 490 1–5 CREDITS
Prereq: CBCIO 332, JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: Students in the LAS College may use no more than 9 credits of CBCIO 490 or 491 toward graduation
******* SEE DEPT FOR REFERENCE NUMBERS

TEAM RESEARCH PROJECTS CBCIO 491 1–5 CREDITS
Prereq: CBCIO 332, JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: Students in the LAS College may use no more than 9 credits of CBCIO 490 or 491 toward graduation
4721001 ARRANGED
MEETS: JAN 8–MAY 4

SYSTEMS BIOLOGY CBCIO 570 3 CREDITS
Prereq: CBCIO 567 OR COMS 311, COMS 228, GEN 409, STAT 410
2125005 1 TR 12:40–2:00
MEETS: JAN 8–MAY 4

WKSHP BIOINFORMATICS CBCIO 593 1 CREDIT
Prereq: W 4:10–5:00
MEETS: JAN 8–MAY 4

COOPERATIVE EDUCATION CBCIO 598 R CREDIT
Prereq: PERMISSION OF THE PROGRAM CHAIR
1828005 ARRANGED
MEETS: JAN 8–MAY 4

TOPC BIOINF&CMP BIO CBCIO 660 1–4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
1830005 TR 8:00–9:30
MEETS: JAN 8–MAY 4

GRAD RESEARCH ROTAT CBCIO 697 VAR. CREDITS
7827005 ARRANGED
MEETS: JAN 8–MAY 4

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

BIOLOGICAL/PRE-MEDICAL ILLUSTRATION

ILLUSTRATION & SOFTWR BPM I 326 3 CREDITS
Prereq: ARTIS 323
Note: Instructor permission required 1st week.
1857005 A MW 6:10–9:00PM
DORN J
MEETS: JAN 8–MAY 4

APP SCI ILLUSTR TCNO BPM I 337 3 CREDITS
Prereq: ARTIS 323
9105005 TR 2:10–5:00
MEETS: JAN 8–MAY 4
9105010 2 TR 11:00–1:30
MEETS: JAN 8–MAY 4

FIELD ILLUSTRATION BPM I 395 1–3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Course offered for 2 credit spring 2018.
7996005 ARRANGED
MEETS: JAN 8–MAY 4

INDEPENDENT STUDY BPM I 490 1–3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
9958005 1 F 12:10–3:00
MEETS: JAN 8–MAY 4

ILLUSTRATION INTERM BPM I 497 1–6 CREDITS
Prereq: INSTRUCTOR
MEETS: JAN 8–MAY 4

INTRODUCTORY BIOL BIOL 101 3 CREDITS
Note: CREDIT IN BIOL 101 MAY NOT BE APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
2064005 1 TTH 9:00–9:50
HORNER H
MEETS: JAN 8–MAY 4
2064010 2 TR 2:10–3:30
MEETS: JAN 8–MAY 4
2064015 3 ARRANGED
MEETS: JAN 8–MAY 4
2064020 4 ARRANGED
MEETS: MARCH 5–MAY 4

OPPORTUNI IN BIOL BIOL 111 .5 CREDIT
7407005 T 4:10–5:00
MEETS: JAN 8–MAY 4

ENVIRONMENTAL BIOLOGY BIOL 173 3 CREDITS
Note: CREDIT IN BIOL 173 MAY NOT BE APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
2015600 XW ARRANGED
MEETS: JAN 8–MAY 4
Note: Section XW is off campus
Course delivery is WW

BIOLOGY

ILLUSTRATION & SOFTWR BPM I 326 3 CREDITS
Prereq: ARTIS 323
Note: Instructor permission required 1st week.
1857005 A MW 6:10–9:00PM
DORN J
MEETS: JAN 8–MAY 4

APP SCI ILLUSTR TCNO BPM I 337 3 CREDITS
Prereq: ARTIS 323
9105005 TR 2:10–5:00
MEETS: JAN 8–MAY 4
9105010 2 TR 11:00–1:30
MEETS: JAN 8–MAY 4

FIELD ILLUSTRATION BPM I 395 1–3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Course offered for 2 credit spring 2018.
7996005 ARRANGED
MEETS: JAN 8–MAY 4

INDEPENDENT STUDY BPM I 490 1–3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
9958005 1 F 12:10–3:00
MEETS: JAN 8–MAY 4

ILLUSTRATION INTERM BPM I 497 1–6 CREDITS
Prereq: INSTRUCTOR
MEETS: JAN 8–MAY 4

INTRODUCTORY BIOL BIOL 101 3 CREDITS
Note: CREDIT IN BIOL 101 MAY NOT BE APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
2064005 1 TTH 9:00–9:50
HORNER H
MEETS: JAN 8–MAY 4
2064010 2 TR 2:10–3:30
MEETS: JAN 8–MAY 4
2064015 3 ARRANGED
MEETS: JAN 8–MAY 4
2064020 4 ARRANGED
MEETS: MARCH 5–MAY 4

OPPORTUNI IN BIOL BIOL 111 .5 CREDIT
7407005 T 4:10–5:00
MEETS: JAN 8–MAY 4

ENVIRONMENTAL BIOLOGY BIOL 173 3 CREDITS
Note: CREDIT IN BIOL 173 MAY NOT BE APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
2015600 XW ARRANGED
MEETS: JAN 8–MAY 4
Note: Section XW is off campus
Course delivery is WW

BIOLOGY
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
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<tr>
<td>PRIN BIOLOGY LAB I</td>
<td>1</td>
<td>974005</td>
<td>T 8:00-10:50</td>
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<td>BIOL 211L</td>
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<td>PRIN BIOLOGY LAB II</td>
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<td>974010</td>
<td>M 8:00-10:50</td>
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<td>BIOL 212L</td>
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<td>PRIN BIOLOGY II</td>
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<td>BIOL 212</td>
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<td>SPRING 2018</td>
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Note: Section XW is off campus
BIOLOGY (CONTINUED)

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

N AMERIC FIELD TRIP BIOL 393B 1–3 CREDITS
Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
1921005 1 ARRANGED MEETS: JAN 8–MAY 4
Note: OPEN SECTION TRAVEL TO BOUNDARY WATERS SPRING 2018
Instructor permission required.

INTERNAT FIELD TRIP BIOL 394A 1 CREDIT
Prereq: TWO COURSES IN THE BIOLOGICAL SCIENCES
AND BY APPROVAL OF APPLICATION
Note: Meet international perspectives reqnt
3167005 ARRANGED MEETS: JAN 8–MAY 4
Note: Department permission required.
3167800 HH ARRANGED SAKAGUCHI D
MEETS: MARCH 11–18
Note: SEC HH TAUGHT IN HONDURAS. INTERNATIONAL FIELD TRIPS IN BIOLOGY: CARIBBEAN MARINE BIOLOGY SPRING 2018
Study aboard Administrative Fee Applies

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

DEVELOPMTL LAB BIOL 423L 1 CREDIT
Or permission of instructor
5680005 1A TR 12:10–1:30 MEETS: JAN 8–MAY 4
Note: SEC 1A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM 1, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
Materials fee $225.00
5680010 1B TR 12:10–1:30 MEETS: JAN 8–MAY 4
Note: Materials fee $225.00
5680015 2A TR 1:40–3:00 MEETS: JAN 8–MAY 4
Note: SEC 2A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM 1, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
5680020 2B TR 1:40–3:00 MEETS: JAN 8–MAY 4

BRYOPHYT&LICHN DVRS BIOL 455 3 CREDITS
Prereq: BIOL 211 AND BIOL 211L
8909005 A MR 4:10–6:30PM MEETS: JAN 8–MAY 4
Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM 1, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
8909010 B MR 4:10–6:30PM MEETS: JAN 8–MAY 4

ORNITHOLOGY BIOL 458 2 CREDITS
Prereq: A ECL 365 OR BIOL 351
2140005 1 TR 7:00–9:50 MEETS: JAN 8–MAY 4
DINSMORE S
2140010 2 W 7:00–9:50 MEETS: JAN 8–MAY 4
DINSMORE S

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

BIOLOGY (CONTINUED)

MAMMALOGY BIOL 459 2 CREDITS
Prereq: A ECL 365 OR BIOL 351
2155005 1 MN 10:10–12:00 MEETS: JAN 8–MAY 4
RENTZ M
Note: COURSE RESTRICTED TO JRS & ABOVE

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

COMMUNITY ECOLOGY BIOL 472 3 CREDITS
Prereq: BIOL 312
2100005 A TR 11:00–12:20 MEETS: JAN 8–MAY 4
Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM 1, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
2100010 B TR 11:00–12:20 MEETS: JAN 8–MAY 4

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

ECOSYSTEM ECOLOGY BIOL 484 3 CREDITS
Prereq: COMBINED 12 CREDITS IN BIOL, CHEM & PHYS
8689005 A MWF 9:00–9:50 MEETS: JAN 8–MAY 4
Note: SEC A RESTRICTED TO A ECL, AN S, BIOL, BIOLA, BPM 1, COM S, DY S, FOR, GEN, GEN S, MICRO, P VET MAJORS ONLY
8689010 B MWF 9:00–9:50 MEETS: JAN 8–MAY 4

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

IND STU BIOL RESCH BIOL 490H 1–6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

UG TEACHING EXPERIENCE 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 PERMISSION
Note: MAY BE APPLIED TOWARD THE BIOLOGY ADVANCED COURSE REQUIREMENT
******* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR BIOL 495 1–3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BIOL 498 R CREDIT
Prereq: PERMISSION OF THE BIOLOGY PROGRAM
COOPERATIVE EDUCATION COORDINATOR
4546005 ARRANGED MEETS: JAN 8–MAY 4

UG RESEARCH EXPERIENCE BIOL 499 1–6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS IN BIOL 499 MAY BE APPLIED TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE APPLIED TO THE BIOLOGY ADVANCED COURSE REQUIREMENT
******* SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL ENGINEERING

INTRO BIOMEDIC ENGR B M E 220 3 CREDITS
Prereq: BIOL 212, ENGR 160 OR ENGRV, MATH 166, CHEM 167 OR CHEM 178, PHYS 222
3041005 MWF 3:10–4:00 MEETS: JAN 8–MAY 4
BIOMEDICAL SCIENCES

AN&PHYSL DOMES ANIM  B M S 329  3 CREDITS
Prereq: BIOL 212, 212L
6968005  MW 11:00-11:50  KIMBER M
PRIN MORPHOLOGY II  B M S 331  4 CREDITS
Prereq: 330, FIRST-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS
6009005  TR 1:10-2:00  ROWE E
       MT 2:10-4:00
       MEETS: JAN 8-MAY 4

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

NEUROANATOMY  B M S 337  3 CREDITS
Prereq: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
6833005  1 MW 9:00-9:50  UEMURA E
         M 10:00-11:50  UEMURA E
   MEETS: JAN 8-MAY 4
6833010  2 MW 9:00-9:50  UEMURA E
         M 10:00-11:50  UEMURA E
       MEETS: JAN 8-MAY 4

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

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

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

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

PRIN HUMN GROS ANAT  B M S 448X  4 CREDITS
                            (CONTINUED)
9987005  1 MW 2:10-3:00  UEMURA E
         MW 3:10-5:00
   MEETS: JAN 8-APRIL 25

INDEPENDENT STUDY  B M S 490  1- 5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
        SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  B M S 490H  1- 5 CREDITS
Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
       SEE DEPT FOR REFERENCE NUMBERS

RES MTHD BIOMED SCI  B M S 501  3 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A
        B M S FACULTY MEMBER
6978005  ARRANGED
       MEETS: JAN 8-MAY 4

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

PRIN MORPHOLOGY II  B M S 531  4 CREDITS
Prereq: 530
Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
6678005  TR 1:10-2:00  ROWE E
       MT 2:10-4:00
       MEETS: JAN 8-MAY 4

BIOMEDICAL SCIENCES

AN&PHYSL DOMES ANIM  B M S 329  3 CREDITS
Prereq: B M S 329
6968005  MW 11:00-11:50  KIMBER M

NEUROANATOMY  B M S 337  3 CREDITS
Prereq: B M S 337
6847005  1 MW 9:00-9:50  UEMURA E
         M 10:00-11:50  UEMURA E
   MEETS: JAN 8-MAY 4
6847010  2 MW 9:00-9:50  UEMURA E
         M 10:00-11:50  UEMURA E
       MEETS: JAN 8-MAY 4

INTRO CELL TECHNIQS  B M S 442B  1 CREDIT
Prereq: B M S 442B
6828005  TR 1:10-2:00  NOTT J
       MEETS: JAN 8-MAY 4

INTRO PROTEIN TECHNQ  B M S 442C  1 CREDIT
Prereq: B M S 442C
6828005  TR 1:10-2:00  NOTT J
       MEETS: JAN 8-MAY 4

GENERAL PHARMACOLGY  B M S 534  6 CREDITS
Prereq: FIRST YEAR CLASSIFICATION IN V MED
9325005  1 MTR 8:00-8:50  BRACHA V
         WF 10:00-10:50  BRACHA V
         T 9:00-11:50  BRACHA V
   MEETS: JAN 8-MAY 4
9325010  2 MTR 8:00-8:50  BRACHA V
         WF 10:00-10:50  BRACHA V
         R 9:00-11:50  BRACHA V
   MEETS: JAN 8-MAY 4

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

NEUROANATOMY  B M S 537  3 CREDITS
Prereq: 10 CR IN BIOL SCIENCE & INSTR PERMISSION
       NOTE: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
6847005  1 MW 9:00-9:50  UEMURA E
         M 10:00-11:50  UEMURA E
   MEETS: JAN 8-MAY 4
6847010  2 MW 9:00-9:50  UEMURA E
         M 10:00-11:50  UEMURA E
       MEETS: JAN 8-MAY 4

INTRO CELL TECHNIQS  B M S 542C  1 CREDIT
Prereq: B M S 542C
7135005  TR 1:10-2:00  NOTT J
       MEETS: JAN 8-MAY 4

GENERAL PHARMACOLGY  B M S 554  3 CREDITS
Prereq: B M S 549, B M S 552, BBMB 404, BBMB 405
3531005  MR 10:10-11:50  STARLING D
       MEETS: JAN 8-MAY 4

SPL 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

SPCL TOPICS ANATOMY  B M S 590A  1- 7 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
        SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  B M S 599  1- 3 CREDITS
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM,
        PERMISSION OF INSTRUCTOR
        SEE DEPT FOR REFERENCE NUMBERS

RESEARCH REVIEW  B M S 688  1 CREDIT
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
8961005  ARRANGED
       MEETS: JAN 8-MAY 4

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

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

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

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

SEMINAR  B M S 689A  1 CREDIT
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
5776005  R 12:10-1:00  THIPPESWAMY T
       MEETS: JAN 8-MAY 4
BIOMEDICAL SCIENCES (CONTINUED)

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

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

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

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

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

BIOРЕNEWABLE RESOURCES & TECHNOLOGY

FUND BIORENEW RESOU BRT 501 3 CREDITS
Prereq: RECOMMENDED: INTRODUCTORY PHYSICS AND CHEMISTRY
6534005  TR 9:30-10:45  MEETS: JAN 8-MAY 4
6534005  XM ARRANGED  BROWN R
Note: Section XM is off campus
Course delivery is WWW

BIOSBASE SEM PRESENT BUS 203  1 CREDIT
Satisfactory-Fail Only.
2383005  ARRANGED  BAUGHMAN J
MEETS: JAN 8-MAY 4

INTL BIORNW LAW&POL BRT 516 3 CREDITS
1445600  XM ARRANGED  WANG Y
Note: Section XM is off campus
Course delivery is WWW

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

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

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

BUSINESS ADMINISTRATION

ORIENTATION BUSAD 103  1 CREDIT
Note: CREDIT IN ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARDS GRADUATION: BUSAD 101, BUSAD 101H,
BUSAD 102, BUSAD 103, BUSAD 103X
9404005  M 8:00-9:25
MEETS: JAN 8-MAY 4
9404010  M 9:30-10:50
MEETS: JAN 8-MAY 4
9404015  W 8:00-9:25
MEETS: JAN 8-MAY 4
9404020  W 10:00-11:25
MEETS: JAN 8-MAY 4
9404025  W 12:10-1:55
MEETS: JAN 8-MAY 4
9404030  F 8:00-9:25
MEETS: JAN 8-MAY 4
9404035  F 10:00-11:25
MEETS: JAN 8-MAY 4

CAREERS&EMPLOY PREP BUSAD 203  1 CREDIT
Prereq: BUSAD 101 OR BUSAD 102
Note: COURSE NOT OPEN TO FIRST TERM PRESTMAN
8860005  M 12:10-1:00
MEETS: JAN 8-MAY 4
8860010  M 1:10-2:00
MEETS: JAN 8-MAY 4
8860015  T 12:40-1:30
MEETS: JAN 8-MAY 4
8860020  M 12:10-1:00
MEETS: JAN 8-MAY 4
8860025  T 1:10-2:00
MEETS: JAN 8-MAY 4
8860030  W 12:10-1:00
MEETS: JAN 8-MAY 4
8860035  R 12:40-1:30
MEETS: JAN 8-MAY 4
CHEMICAL ENGINEERING

**CHEMICAL ENGINEERING (CONTINUED)**

### CH E PROBL CTPR 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

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### ENVIR CHEMODYNAMICS CH E 406 3 CREDITS
Prereq: CH E 381, CREDIT OR ENROLLMENT IN CH E

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### SEPARATIONS CH E 358 3 CREDITS
Prereq: CH E 310, CH E 357

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### FOREIGN STDY ORIENT CH E 391 3 CREDITS
Prereq: CH E 357, CH E 381

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### FOREIGN STDY ORIENT CH E 391 3 CREDITS
Prereq: CH E 357, CH E 381

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### CHEMICAL ENGINEERING (CONTINUED)

### MATRL &ENERGY BALNC CH E 210 3 CREDITS
Prereq: CH E 160, CH E 210, MATH 265

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### INTRO BIOMEDIC ENG CH E 220 3 CREDITS
Prereq: BIOL 212, ENGR 160 OR EQUIV, MATH 166, CH E 167 OR CHEM 178, PHYS 221

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### COMPUT MTHDS CHEM E CH E 310 3 CREDITS
Prereq: CH E 160, CH E 205, MATH 265

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### TRANSPR PHENOMEN I CH E 356 3 CREDITS
Prereq: CH E 357, CH E 381; CREDIT OR ENROLLMENT IN CH E 362; CREDIT OR ENROLLMENT IN ENGL 314 OR ENGL 309 OR ENGL 312 OR JL. MC 347

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### TRANSPR PHENOMEN II CH E 357 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CH E 310; CH E 356

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### SEPARATIONS CH E 358 3 CREDITS
Prereq: CH E 310, CH E 357

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### CH E THERMODYNAMICS CH E 381 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CH E 310; MATH 267, PHYS 222, CHEM 235

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### CHEMICAL REACTN ENGR CH E 382 3 CREDITS
Prereq: CH E 310, CH E 381; CREDIT OR ENROLLMENT IN CH E 357

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CHEMICAL ENGINEERING (CONTINUED)

BIOCHEMICAL ENGINEER CH E 415 3 CREDITS
Prereq: CH E 357, CH E 382 RECOMMENDED, CHEM 331
2446005 A MW 9:00-11:50
MEETS: JAN 8-MAY 4

CHEM PROCSS SAFETY CH E 420 3 CREDITS
Prereq: CH E 357, CH E 382; JUNIOR CLASSIFICATION
Note: RESTRICTED TO CH E MAJORS GRADUATING SPRING 2017
CREDIT FOR EITHER CH E 420 OR CH E 421, BUT NOT BOTH,
MAY BE APPLIED TOWARD GRADUATION
Instructor permission required 1st week.
2448005 A R 8:00-11:50
MEETS: JAN 8-MAY 4

CHEMICAL ENGR LAB II CH E 426 2 CREDITS
Prereq: CH E 325, CH E 358, CH E 382
Note: RESTRICTED TO CH E MAJORS GRADUATING SPRING 2017
CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH,
MAY BE APPLIED TOWARDS GRADUATION
Section info: http://courses.chem.iastate.edu
MEETS: JAN 8-MAY 4

PROCESS CONTROL CH E 421 3 CREDITS
Prereq: CH E 358, CH E 382, MATH 267
2447005 A TR 12:40-2:00
MEETS: JAN 8-MAY 4

CHEMICAL ENGINEERING (CONTINUED)

CHEMICAL ENGINEERING                      (CONTINUED)

PRINAP Molec Simul CH E 642 3 CREDITS
Prereq: CH E 545
8061005 TR 9:10-10:50
MEETS: JAN 8-MAY 4

ADV TOP Nano MatRLS CH E 695J 3 CREDITS
Prereq: CH E 425
9722005 TR 11:40-12:50
MEETS: JAN 8-MAY 4

CHEMISTRY

COLLEGE CHEM ENG Prep CHEM 50 0 CREDITS
Note: DEVELOPMENTAL CHEM FEE APPLIES. SEE TUITION AND
FEE WEB SITE FOR MORE INFORMATION ON FEE. CREDIT FOR.
CHEM 50 DOES NOT APPLY TOWARD GRADUATION.
4523010 MTRWF 12:10-1:00
BURKE K
MEETS: MARCH 5-MAY 4
Section info: http://courses.chem.iastate.edu

PHYS SCI FOR EL ED CHEM 102L 3 CREDITS
Prereq: MATH 195 OR MATH 140
8675005 1 M 3:10-4:00
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu

CHEMISTRY

CHEMDYNAMICS CHEM 160 3 CREDITS
Prereq: CH E 381, CREDIT OR ENROLLMENT IN CH E
358
7146005 MWF 12:10-1:00
MEETS: JAN 8-MAY 4

POLYMERS & POLY ENG CH E 447 3 CREDITS
Prereq: CH E 325, CHEM 331 OR MATH 351
7146005 MWF 12:10-1:00
MEETS: JAN 8-MAY 4

UG RESCH/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

INDEPENDENT STUDY 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 490H MAY BE
APPLIED TOWARDS GRADUATION AS TECHNICAL ELECTIVES.
******** SEE DEPT FOR REFERENCE NUMBERS

ENVIR CHEMODYNAMICS CHEM 506 3 CREDITS
Prereq: CH E 325, CHEM 331 OR MATH 351
7146005 MWF 12:10-1:00
MEETS: JAN 8-MAY 4

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<td>11:00-11:50</td>
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</tbody>
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### ELEM ORGNC CHEM LAB

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
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<tr>
<td>2511005</td>
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<td>2511015</td>
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<td>2511020</td>
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### PHYSICAL CHEM LAB

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<th>Course Code</th>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>2512005</td>
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<td>2512010</td>
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<tr>
<td>2513005</td>
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<th>Course Code</th>
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<tr>
<td>2514005</td>
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<th>Course Code</th>
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<tr>
<td>2515005</td>
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<td>2515010</td>
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### PHYSICAL CHEM LAB

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<th>Course Code</th>
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<tbody>
<tr>
<td>2516005</td>
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<tr>
<td>2516010</td>
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<td>12:10-1:00</td>
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</tbody>
</table>
PHYSICAL CHEM LAB  CHEM 322L 3 CREDITS
2515015  3 WF 2:10-3:00
TR 12:10-1:00
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
2515020  4 WF 2:10-3:00
TR 3:10-6:00PM
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu

INTR QUANTUM MECHAN  CHEM 324 3 CREDITS
Prereq: CHEM 178, MATH 166, PHYS 222 RECOMMENDED.
5202005  1 MW 9:00-9:50
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5202010  2 MF 10:00-10:50
POTOYAN D
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu

CHEMICAL THERMODYNAM  CHEM 325 3 CREDITS
Prereq: CHEM 178, MATH 166, PHYS 222 RECOMMENDED.
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.
5224005  1 MF 8:00-9:50
BURNETT J
MEETS: JAN 8-MAY 4
Note: SEC 1 RECOMMENDED FOR CHEMICAL ENGINEERING MAJORS
Section info: http://courses.chem.iastate.edu
5224010  2 MF 9:00-9:50
VENDITTI V
MEETS: JAN 8-MAY 4
Note: SEC 2 RECOMMENDED FOR CHEMISTRY & BIOCHEMISTRY MAJORS.
Section info: http://courses.chem.iastate.edu
5224015  3 MF 10:00-10:50
HUANG W
MEETS: JAN 8-MAY 4
Note: SEC 3 RESTRICTED TO CHEM, AGGRO, BIOCH, CH E MAJORS WHO HAVE TAKEN CHEM 324.
Section info: http://courses.chem.iastate.edu
5224020  4 MF 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC 4 RECOMMENDED FOR CHEM MAJORS.
Section info: http://courses.chem.iastate.edu

CHEMICAL KINETICS  CHEM 326X 1 CREDIT
Prereq: CHEM 167 OR CHEM 177 OR CHEM 201; PHYS 222 RECOMMENDED; CHEM 324 AND CHEM 325.
9902005  1 TR 4:10-5:00
MEETS: MARCH 5-MAY 4
9902010  2 TR 4:10-5:00
MEETS: JAN 8-MARCH 2

ORGANIC CHEMISTRY I  CHEM 331 3 CREDITS
Prereq: CHEM 178 OR CHEM 201, ENROLLMENT IN CHEM 331L HIGHLY RECOMMENDED.
Note: CREDIT FOR EITHER CHEM 331 OR CHEM 331L BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
2516005  1 MF 8:00-8:50
KRAUS G
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu

LAB ORGANIC CHEM I  CHEM 331L 1 CREDIT
Prereq: CHEM 177L OR CR OR ENROLLMENT IN CHEM 331.
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L,
CHEM 331L, CHEM 333L
5270005  1 M 9:00-11:50
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5270010  2 M 12:10-3:00
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5270015  3 M 3:10-6:00PM
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5270020  4 M 6:10-9:00PM
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5270025  5 W 12:10-3:00
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5270030  6 W 3:10-6:00PM
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5270035  7 R 9:00-11:50
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5270040  8 R 12:10-3:00
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5270045  9 R 3:10-6:00PM
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu

LAB ORGANIC CHEM II  CHEM 332L 1 CREDIT
Prereq: CHEM 331L, CR OR ENROLLMENT IN CHEM 332.
Note: CREDIT FOR EITHER CHEM 332 OR CHEM 332L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
5272005  1 T 9:00-11:50
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5272010  2 T 12:10-3:00
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5272015  3 T 3:40-6:30PM
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5272020  4 W 9:00-11:50
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5272025  5 W 12:10-3:00
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5272030  6 W 3:10-6:00PM
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5272035  7 R 9:00-11:50
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5272040  8 R 12:10-3:00
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5272045  9 R 3:40-6:30PM
FERNANDO T
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu

LAB ORGANIC CHEM II  CHEM 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.
5645005  1 MN 12:10-3:00
VANVELLER B
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5645010  2 MN 3:10-6:00PM
VANVELLER B
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
5645015  3 TR 3:40-6:30PM
VANVELLER B
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu

UNDERGRAD RESEARCH  CHEM 399 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK AND JR OR SR CLASSIFICATION.
Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND CHEM 490 MAY BE APPLIED TOWARD GRADUATION.

**SEE DEPT FOR REFERENCE NUMBERS**

INORGANIC CHEM LAB  CHEM 401L 1 CREDIT
Prereq: CHEM 402
2524005  1 T 9:00-11:50
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
2524010  2 T 12:10-3:00
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
2524015  3 R 9:00-11:50
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu
2524020  4 R 12:10-3:00
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu

INDEPENDENT STUDY  CHEM 490 VAR. CREDITS
Prereq: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION.
Note: NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARD GRADUATION.
**SEE DEPT FOR REFERENCE NUMBERS**
CHEMISTRY  (CONTINUED)

SENIOR RESEARCH CHEM 499 2-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PLANS TO WORK; AVG IN ALL CHEMISTRY, PHYSICS, AND MATHEMATICS COURSES
Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARDS GRADUATION
SEE DEPT FOR REFERENCE NUMBERS

ANALYT SPECTROSCOPY CHEM 513 3 CREDITS
Prereq: 316, 316L, 324, 322L
2538005 TR 10:00-10:50 SMITH E
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu/

ANALYTIC SEPARATION CHEM 516 3 CREDITS
Prereq: 316, 316L, 324, 322L
2539005 MF 9:00-9:50 ANDERSON J
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu/

ORGANIC SYNTHESIS I CHEM 531 2 CREDITS
Prereq: 322
9267005 TR 10:00-10:50 STANLEY L
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu/

PHYS ORGANC CHEM II CHEM 538 3 CREDITS
Prereq: 321
2543005 TR 12:40-2:00 WINTER A
MEETS: JAN 8-MAY 4

SAFETY IN CHEM LAB CHEM 550 1 CREDIT
Prereq: 321
4295005 TR 8:00-8:50 HUANG W
Satisfactory-Fail Only.
MEETS: JAN 8-MARCH 2
Section info: http://courses.chem.iastate.edu/

TEACHI COLLEGE CHEM CHEM 555 2 CREDITS
Prereq: GRADUATE OR SENIOR CLASSIFICATION
2546005 TR 11:00-1:00 MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu/

STATISTCL MECHANICS CHEM 563 3 CREDITS
Prereq: 321
2550005 MW 1:40-3:00 SONG X
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu/

SOLID-STATE CHEM CHEM 571 2 CREDITS
Prereq: 321, 324
2554005 TR 11:00-11:50 MEETS: JAN 8-MAY 4
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu/

NANOCHEMISTRY CHEM 573 2 CREDITS
Prereq: CHEM 301, CHEM 324
2919005 TR 11:10-1:50 MEETS: JAN 8-MAY 4

MASS SPECTROMETRY CHEM 577 3 CREDITS
Prereq: 321
2560005 TR 9:30-10:50 LEE Y
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu/

KINETICS 4MECHANMS CHEM 578 2 CREDITS
Prereq: CHEM 324
2561005 MW 9:00-9:50 MEETS: JAN 8-MAY 4

CHEMICAL GROUP THRY CHEM 583 1 CREDIT
Prereq: 324
5657005 TR 11:00-1:00 MEETS: JAN 8-MARCH 2
Section info: http://www.chem.iastate.edu/courses

NONTHESIS RESEARCH CHEM 599 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
SEE DEPT FOR REFERENCE NUMBERS

SEMINR INORGNC CHEM CHEM 600 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2563005 TR 4:10-5:30 VELA-BECERRA J
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu/

SEMINR ANALYT CHEM CHEM 611 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2565005 F 2:30-4:00 SMITH E
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu/

CHEMISTRY  (CONTINUED)

SEMINR ORGANIC CHEM CHEM 631 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2566005 F 4:10-5:30 ZHAO Y
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu/

SEMINR PHYSICAL CHEM CHEM 660 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2568005 F 4:10-5:30 PRUSKI M
MEETS: JAN 8-MAY 4
Section info: http://courses.chem.iastate.edu/

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

CHINESE

ELEM MANDRN CHIN II CHIN 102 4 CREDITS
Prereq: 101
Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
Meets international perspectives reqmt
7349005 1 MWF 9:00-10:00 MEETS: JAN 8-MAY 4
7349010 2 MWF 11:00-11:50 MEETS: JAN 8-MAY 4

INMT MAND CHINES II CHIN 202 4 CREDITS
Prereq: 201
Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
Meets international perspectives reqmt
7768005 1 MWF 11:00-11:50 MEETS: JAN 8-MAY 4

INTRO CHINES CULTUR CHIN 272 3 CREDITS
Note: Meets international perspectives reqmt
8252005 1 TR 11:00-12:00 MEETS: JAN 8-MAY 4

ADV MANDARIN CHI II CHIN 302 3 CREDITS
Prereq: 301 OR EQUIVALENT

8505005 1 TR 2:10-3:30 MEETS: JAN 8-MAY 4

CHINA TODAY CHIN 375 3-4 CREDITS
Prereq: ENGL 250 OR ENGL 105 OR EQUIVALENT
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018.
TOPIC: CONTEMPORARY CHINESE POPULAR CULTURE.
Meets international perspectives reqmt
5347005 TR 12:40-2:00 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY CHIN 490 1-6 CREDITS
Prereq: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR
Note: Permission of department chair required.

INTERNS IN CHINESE CHIN 499X 1-3 CREDITS
Prereq: 9 CREDITS OF CHINESE AT THE 300 LEVEL;
PERMISSION OF ADVISER AND WLC INTERNSHIP COORDINATOR
Satisfactory-Fail Only.

CIVIL ENGINEERING

INTRO CIVIL ENG PRO C E 105 1 CREDIT
4906005 W 3:10-4:00 MEETS: JAN 8-MAY 4

FUND OF SURVEYING I C E 111 3 CREDITS
Prereq: C E 160; CREDIT OR ENR IN ENGR 170 OR C E 170; MATH 165
Note: COURSE RESTRICTED TO C E AND CON E MAJORS ONLY.
7242005 1 TR 2:10-3:30 MEETS: JAN 8-MAY 4
7242010 2 TR 2:10-3:30 MEETS: JAN 8-MAY 4
7242015 3 MF 10:00-11:00 MEETS: JAN 8-MAY 4
7242020 4 MW 10:00-11:00 MEETS: JAN 8-MAY 4

CIVIL ENGR LRN COMM C E 120 R CREDIT
8518005 1 TR 4:10-5:10 MEETS: JAN 8-MAY 4
CIVIL ENGINEERING (CONTINUED)

ENGR PROB CMPT LAB C E 160 3 CREDITS
Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAMS. CREDIT OR ENROLLMENT IN MATH 165
Note: COURSE RESTRICTED TO C E, CON E, ENGRS MAJORS
70
2911005 1 M 10:00-11:50
MEETS: JAN 8-MAY 4
2911010 2 TR 10:00-11:55
MEETS: JAN 8-MAY 4
2911015 3 TR 10:00-11:55
MEETS: JAN 8-MAY 4
2911020 4 MF 10:00-11:55
MEETS: JAN 8-MAY 4

CIVIL ENGR GRAPHICS C E 170 2 CREDITS
Note: COURSE RESTRICTED TO C E, CON E, ENGRS MAJORS ONLY.
3515005 1 TR 12:10-2:00
MEETS: JAN 8-MAY 4
3515010 2 TR 12:10-2:00
MEETS: JAN 8-MAY 4
3515015 3 TR 12:10-2:00
MEETS: JAN 8-MAY 4

ECON ANALYSIS ISSU C E 206 3 CREDITS
Prereq: Math 146, ENGL 250, C E 105.
ECON 101 RECOMMENDED.
1915005 1 M 1:10-2:00
MEETS: JAN 8-MAY 4

PROJECT MANAGEMENT C E 306 3 CREDITS
Prereq: C E 206
4943005 1 M 3:10-4:00
MEETS: JAN 8-MAY 4
4943010 2 M 3:10-4:00
MEETS: JAN 8-MAY 4
4943015 3 M 3:10-4:00
MEETS: JAN 8-MAY 4

PRIN ENVIRONMENTAL C E 326 3 CREDITS
Prereq: CHEM 175 OR 178, MATH 166, CREDIT OR ENROLLMENT IN M E 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 10:00-11:50
MEETS: JAN 8-MAY 4
2284010 2 MF 10:00-11:50
MEETS: JAN 8-MAY 4
2284015 3 MF 10:00-11:50
MEETS: JAN 8-MAY 4

STRUCTURAL ANALYSIS 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
MEETS: JAN 8-MAY 4
2285010 2 MWF 1:10-2:00
MEETS: JAN 8-MAY 4
2285015 3 MWF 1:10-2:00
MEETS: JAN 8-MAY 4
2285020 4 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

STRUCT STEEL DSIGN 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 8:00-9:50
MEETS: JAN 8-MAY 4
2286010 2 TR 12:40-2:35
MEETS: JAN 8-MAY 4

CIVIL ENGINEERING (CONTINUED)

REIN CONCRETE DSIGN I C E 334 3 CREDITS
Prereq: 332, E M 327
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/
night-exams.
2287005 1 MWF 1:10-2:00
MEETS: JAN 8-MAY 4
2287010 2 TR 3:40-4:55
MEETS: JAN 8-MAY 4

PRIN TRANSPORTATION C E 355 3 CREDITS
Prereq: C E 111
2924005 1 TR 3:40-4:55
MEETS: JAN 8-MAY 4

GEOTECHNICAL ENGINEERING 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
MEETS: JAN 8-MAY 4
2291010 2 MF 12:10-1:00
MEETS: JAN 8-MAY 4
2291015 3 MF 12:10-1:00
MEETS: JAN 8-MAY 4
2291020 4 MF 12:10-1:00
MEETS: JAN 8-MAY 4
2291025 5 MF 12:10-1:00
MEETS: JAN 8-MAY 4

DESIGN OF CONCRETES C E 382 3 CREDITS
Prereq: E M 274
Note: CREDIT IN C E 382 OR C E 383, BUT NOT BOTH,
2294005 1 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294010 2 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294015 3 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294020 4 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294025 5 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294030 6 MF 2:10-3:00
MEETS: JAN 8-MAY 4

DESIGN OF CONCRETE C E 382 3 CREDITS
Prereq: E M 274
Note: CREDIT IN C E 382 OR C E 383, BUT NOT BOTH,
2294005 1 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294010 2 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294015 3 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294020 4 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294025 5 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294030 6 MF 2:10-3:00
MEETS: JAN 8-MAY 4

DSGN PORTLAND CEMENT C E 383 1 CREDIT
Prereq: E M 274
Note: CREDIT IN C E 382 OR C E 383, BUT NOT BOTH,
2294005 1 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294010 2 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294015 3 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294020 4 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294025 5 MF 2:10-3:00
MEETS: JAN 8-MAY 4
2294030 6 MF 2:10-3:00
MEETS: JAN 8-MAY 4

GLBL PRSPCTV TRNSPT C E 395X 3 CREDITS
Prereq: C E 355 OR EQUIVALENT
Note: COURSE RESTRICTED TO ENGINEERING COLLEGE MAJORS
2284005 1 TR 3:40-4:55
MEETS: JAN 8-MAY 4
2284010 2 TR 3:40-4:55
MEETS: JAN 8-MAY 4
2284015 3 TR 3:40-4:55
MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATION C E 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREERS
Note: COURSE RESTRICTED TO CONCURRENT GRADUATE STUDENTS
Satisfactory-Fail Only
6672005 1 ARRANGED
MEETS: JAN 8-MAY 4

CAREER SERVICES

COOPERATIVE EDUCATION C E 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREERS
Satisfactory-Fail Only
6672005 1 ARRANGED
MEETS: JAN 8-MAY 4

****

PROGRESSIVE ASSESSMENT C E 403 R CREDIT
Prereq: VERIFICATION OF UNDERGRAD APPLICATION FOR GRADUATION BY THE END OF THE FIRST WEEK OF CLASS,
Satisfactory-Fail Only
7351005 1 M 5:10-6:20PM
MEETS: MARCH 5-MAY 4
Note: SEC 2 RESTRICTED TO CONCURRENT GRADUATE STUDENTS
7351010 2 M 5:10-6:20PM
MEETS: MARCH 5-MAY 4
Note: SEC 2 RESTRICTED TO CONCURRENT GRADUATE STUDENTS
CIVIL ENGINEERING (CONTINUED)

LAND SURVEYING  C E  417  3 CREDITS
Prereq: 111
7565005  1 MF 10:00-10:50
8:30-9:30, 9:30-10:30
MEETS: JAN 8-MAY 4
7565010  2 MF 10:00-10:50
R 11:00-2:00
MEETS: JAN 8-MAY 4

WASTEWTR TREATM DSN  C E  428  3 CREDITS
Prereq: 324
6106005  1 TR 8:00-9:15, ARRANGED
MEETS: JAN 8-MAY 4

BUILDING DESIGN  C E  448  3 CREDITS
Prereq: 333, 334
7568005  1 MW 3:10-5:00
MEETS: JAN 8-MAY 4

HIGHWAY DESIGN  C E  453  3 CREDITS
Prereq: C E 306, C E 355
Note: RESTRICTED TO STUDENTS GRADUATING SPRING 2018, SUMMER 2018 OR FALL 2018
2302005  1 MW 9:00-9:50
R 2:10-4:00
MEETS: JAN 8-MAY 4
2302010  2 MW 9:00-9:50
R 4:10-6:00PM
MEETS: JAN 8-MAY 4

FOUNDATION ENGINEER  C E  460  3 CREDITS
Prereq: 360
2303005  1 MW 2:10-3:00
MEETS: JAN 8-MAY 4

PAVEMENT ANALYS&DGN  C E  483  3 CREDITS
Prereq: C E 382, C E 360
7748005  1 MW 11:00-11:50
MEETS: JAN 8-MAY 4

CIVIL ENGINR DESIGN  C E  485  3 CREDITS
2131005  1 MF 12:10-1:00
T 11:00-1:00
MEETS: JAN 8-MAY 4
2131010  2 MF 12:10-1:00
3:10-5:00
MEETS: JAN 8-MAY 4
2131015  3 MF 12:10-1:00
R 11:00-1:00
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY  C E  490  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  C E  490H  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

CONSTR ENGMANAGMENT  C E  502  3 CREDITS
8715005  1 M 5:10-8:00PM
MEETS: JAN 8-MAY 4
8715600  XE ARRANGED
MEETS: JAN 8-MAY 4
Note: Section XE is off campus
Course delivery is WWW

DESIGN CONSTR SYS  C E  505  3 CREDITS
Prereq: 334, 360, CON E 322 AND 340
1947600  XE ARRANGED
MEETS: JAN 8-MAY 4
Note: Section XE is off campus
Course delivery is WWW

WTR POLL CNTRL PROC  C E  522  3 CREDITS
Prereq: 521
2320005  1 TR 2:10-3:30
MEETS: JAN 8-MAY 4

PHY-CHEM TREAT PROC  C E  523  3 CREDITS
Prereq: 520
2321005  1 TR 4:10-5:30
MEETS: JAN 8-MAY 4

SOLID&HAZ WASTE MGT  C E  528  3 CREDITS
Prereq: C E 326 OR BACKGROUND COURSES IN BOTH ENVIRONMENTAL CHEMISTRY AND MICROBIOLOGY, JUNIOR STANDING
9360005  1 MW 10:00-10:50
MEETS: JAN 8-MAY 4

CIVIL ENGINEERING (CONTINUED)

REIN CONCR DESIGN II  C E  534  3 CREDITS
Prereq:  C E 334
2333005  1 TR 8:00-9:20
MEETS: JAN 8-MAY 4
BUILDING DESIGN  C E  548  3 CREDITS
Prereq:  C E 333, C E 334
1942005  1 MW 3:10-5:00
MEETS: JAN 8-MAY 4

FUND SOIL MECHANICS  C E  560  3 CREDITS
Prereq: 360
2340005  1 MW 8:00-8:50
MEETS: JAN 8-MAY 4

APPL FOUNDATN ENGR  C E  561  3 CREDITS
Prereq: 360
2367005  1 MW 2:10-3:00
MEETS: JAN 8-MAY 4

SURFC WTR HYDROLOGY  C E  571  3 CREDITS
Prereq: 372
2343005  1 MW 3:10-4:00
MEETS: JAN 8-MAY 4

ENVIRONMENTAL FLOWS  C E  576  3 CREDITS
Prereq: 3 82 OR EQUIVALENT
5109005  MW 11:00-11:50
MEETS: JAN 8-MAY 4

GEO TECHNAT ENG SEM  C E  581  R CREDIT
Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only
2655005  1 MW 11:10-1:50
MEETS: JAN 8-MAY 4

PAVEMENT ANALYS&DGN  C E  583  3 CREDITS
Prereq: 382, 385
7772005  1 MW 11:00-11:50
MEETS: JAN 8-MAY 4

ADV ASPHALT MATERLS  C E  586  3 CREDITS
Prereq: 382
1075005  1 M 9:00-10:50
F 8:00-10:50
MEETS: JAN 8-MAY 4

SPECIAL TOPICS  C E  590  1- 5 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENVIR ENGR  C E  591  R CREDIT
Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only
1658005  1 T 11:00-11:50
MEETS: JAN 8-MAY 4

SPL TOP CONSTR PLAN  C E  594A  1- 3 CREDITS
Prereq: CON E 322, CON E 340 OR C E 360, AND PERMISION OF INSTRUCTOR
2925600  XE ARRANGED
CETIN K
MEETS: JAN 8-MAY 4
Note: Instructor permission required.

SPL TOP HWY&HVY CON  C E  594O  1- 3 CREDITS
Prereq: CON E 322, CON E 340 OR C E 360, AND PERMISION OF INSTRUCTOR
2217605  XE ARRANGED
MEETS: JAN 8-MAY 4
Note: Instructor permission required.
Section XE is off campus
Course delivery is WWW

SPL TOP CON ADV TEC  C E  594P  1- 3 CREDITS
Prereq: CON E 322, CON E 340 OR C E 360, AND PERMISION OF INSTRUCTOR
2217600  XE ARRANGED
MEETS: JAN 8-MAY 4
Note: Instructor permission required.
Section XE is off campus
Course delivery is WWW

SPL TOP HWY&HVY CON  C E  594O  1- 3 CREDITS
Prereq: CON E 322, CON E 340 OR C E 360, AND PERMISION OF INSTRUCTOR
2217605  XE ARRANGED
MEETS: JAN 8-MAY 4
Note: Instructor permission required.
Section XE is off campus
Course delivery is WWW

SPL TOP CON ADV TEC  C E  594P  1- 3 CREDITS
Prereq: CON E 322, CON E 340 OR C E 360, AND PERMISION OF INSTRUCTOR
2217600  XE ARRANGED
MEETS: JAN 8-MAY 4
Note: Instructor permission required.
Section XE is off campus
Course delivery is WWW

R S R C H M T D S SEM:TECH  C E  595B  1 CREDIT
Prereq: CREDIT OR ENRLMT IN C E 501, C E 502,
4294005  1 M 2:10-4:00
MEETS: JAN 8-MAY 4

CREATIVE COMPONENT  C E  599  1- 3 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

MEETS: JAN 8-MAY 4
8105035  4A TR 2:10-3:30           RAFFERTY K
8105030  3B MWF 9:00-9:50

MEETS: JAN 8-MAY 4
8105025  3A MWF 9:00-9:50
8105020  2B MWF 8:00-8:50
8105025  3A MWF 9:00-9:50
8105030  3B MWF 9:00-9:50
8105035  4A TR 2:10-3:30          RAFFERTY K

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

CLASSICAL STUDIES
GREEK & ROMAN MYTHOL  CL ST 273  3 CREDITS Note: Meets international perspectives reqmt
2586005  1B TR 2:10-3:10           MEETS: JAN 8-MAY 4
Note: Materials and equipment use fee $25.00

THE ANCIENT CITY  CL ST 275  3 CREDITS Note: Meets international perspectives reqmt
4315005  1M TR 1:10-2:20           MEETS: JAN 8-MAY 4

RHETORICAL TRADITIONS CL ST 350  3 CREDITS
Prereq: ENGL 250 OR ENGL 251
2176005  A1 TR 2:10-3:30           MEETS: JAN 8-MAY 4
Note: SEC A1 RESTRICTED TO CL ST, ENGL, SP CM MAJORS ONLY
2176010  A2 TR 2:10-3:30           MEETS: JAN 8-MAY 4
Note: SEC A2 FOR MAJORS OTHER THEN CL ST, ENGL, SP CM

RELIGION ANC GR ROM CL ST 366X
Note: Meets international perspectives reqmt
9900005  MW 11:00-11:50

GREEK&ROM TRAG&COMY CL ST 372  3 CREDITS
Prereq: 273 OR 275 OR ONE COURSE IN LATIN OR GREEK OR ENGL 250
2587005  MW 11:00-12:00

ROMAN CIVILIZATION CL ST 403  3 CREDITS
Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
2590005  1 MW 1:30-4:30            MEETS: JAN 8-MAY 4
HOLLANDER D

INDEPENDENT STUDY CL ST 490  1-6 CREDITS
Prereq: 7 CR IN CL ST AT 200 LEVEL OR HIGHER;
PERMISSION OF THE PROGRAM CHAIR
*********** SEE DEPT FOR REFERENCE NUMBERS

COMMUNICATION DISORDERS
INTRO COMM DISORDER CMDIS 275  3 CREDITS
2610005  TR 12:40-2:00         MEETS: JAN 8-MAY 4

PHONETICS&PHONOLOGY CMDIS 371  3 CREDITS
Prereq: ENGL 219
2610005  TR 2:10-3:30

COMMUNICATION STUDIES
INTRO COMM STDI COMST 101  3 CREDITS
7918005  1 MW 11:00-12:00          MEETS: JAN 8-MAY 4
BLANKENSHIP K

INTRO INTERPRS COMM COMST 102  3 CREDITS
8105040  4B TR 2:10-3:30          MEETS: JAN 8-MAY 4

INTRO COMM RSRCH MTD COMST 203  3 CREDITS
Prereq: COMST 101
Note: COURSE RESTRICTED TO COMST MAJORS.
5123005  1 TR 12:40-2:00         MEETS: JAN 8-MAY 4
5123010  2 TR 11:00-12:10         MEETS: JAN 8-MAY 4

COMM U.S. DIVERSITY COMST 210  3 CREDITS
Note: Meets U.S. diversity reqmt
7066005  TR 2:10-3:30          MEETS: JAN 8-MAY 4

PROFESSIONAL COMMUN COMST 214  3 CREDITS
9183005  1 MW 12:10-1:00
9183600  XT ARRANGED
MEETS: JAN 8-MAY 4
Note: Section XT is off campus
Course delivery is WWW

PROFESSIONAL COMMUN COMST 215  3 CREDITS
9183605  XV ARRANGED
MEETS: JAN 8-MAY 4
Note: Section XV is off campus
Course delivery is WWW

CONFLICT MANAGEMENT COMST 218  3 CREDITS
7314005  M 2:10-5:00          MEETS: JAN 8-MAY 4

HUMAN COMMUN IC THY COMST 301  3 CREDITS
Prereq: COMST 101
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
6593005  1 TR 11:00-12:10         RAPFERTY K
6593010  2 TR 3:40-5:00          RAPFERTY K
MEETS: JAN 8-MAY 4

INTERCULTURAL COMM COMST 310  3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO COMST MAJORS
Meets international perspectives reqmt
7934005  TR 8:00-9:10          MEETS: JAN 8-MAY 4
JENKS T

STDI INTRPRSSNL COMM COMST 311  3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
6428005  1 MW 10:10-11:30         OEDENWERDL
MEETS: JAN 8-MAY 4

LDRCSP COMM THEOR COMST 313  3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
4305005  1 TR 3:40-5:00          MEETS: JAN 8-MAY 4
JENKS T

ORGANIZATIONAL COMM COMST 314  3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
6431005  1 TR 12:40-2:00         TYLE-WILLIAMS S
MEETS: JAN 8-MAY 4

SMALL GROUP COMM COMST 317  3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
6433005  1 TR 11:00-12:30         VRCHOTA D
MEETS: JAN 8-MAY 4

COMM TRAINING&DEVEL COMST 319  3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
2362005  1 TR 2:10-3:25          MEETS: JAN 8-MAY 4
VRCHOTA D

NONVERBAL COMMUNIC COMST 325  3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
3920005  1 TR 11:00-12:20         MEETS: JAN 8-MAY 4
COMMUNITY & REGIONAL PLANNING (CONTINUED)

TRANSPRTN POLICY PLN C R P 545  3 CREDITS  Prereq: GRADUATE CLASSIFICATION 2756005  TR 1:40-2:50  MEETS: JAN 8-MAY 4

INTRO GEOG INFO SYS C R P 551  3 CREDITS  1985005  A MW 10:00-10:50  MEETS: JAN 8-MAY 4 1985010  B MW 10:00-10:50  P 10:00-11:50  MEETS: JAN 8-MAY 4

GEOG DATA MGT &PLAN C R P 552  3 CREDITS  5209005  TR 10:00-11:50  MEETS: JAN 8-MAY 4

WEB MAPPING/GIS C R P 558  3 CREDITS  4025005  ARRANGED  SEEGER C

DIGITAL DESN MTH L ARC C R P 559  3 CREDITS  4027005  TR 11:00-12:30  WESTOR T C

PLAN THRY FOR PROCTC C R P 561  3 CREDITS  2410005  R 5:10-8:00PM  MEETS: JAN 8-MAY 4

PLANNING & DEVELOPMENT C R P 568  3 CREDITS  2018005  MM 2:10-3:00  MEETS: JAN 8-MAY 4

GRANT WRITING C R P 575  1 CREDIT  Prereq: GRADUATE CLASSIFICATION  Note: TOPIC; GRANT WRITING RESTRICTED TO GRADUATE STUDENTS ONLY 5592005  T 8:00-8:50  MEETS: JAN 8-MAY 4

PUBLIC FINANCIAL PLANNING C R P 579  3 CREDITS  2757005  TR 9:30-10:45  MEETS: JAN 8-MAY 4

SUSTAINABLE COMMUNITY C R P 584  3 CREDITS  7043005  TR 12:40-2:00  MEETS: JAN 8-MAY 4

SPL TP PLAN LAW,ADM C R P 590A  1–3 CREDITS  Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  Note: Instructor permission required 1st week.  See Dept For Reference Numbers

SPL TOPC ECON DEVEL C R P 590B  1–3 CREDITS  Prereq: GRADUATE 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: GRADUATE 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 C HOUSURB RV C R P 590D  1–3 CREDITS  Prereq: GRADUATE 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 ENVIRON PLAN C R P 590H  1–3 CREDITS  Prereq: GRADUATE 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: GRADUATE 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: GRADUATE 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 SPATIAL AN MTH C R P 590O  1–3 CREDITS  Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  Note: Instructor permission required 1st week.  See Dept For Reference Numbers

SPL TP M TOWN PLAN C R P 590P  1–3 CREDITS  Prereq: GRADUATE 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 DIVERSITY PLAN C R P 590Q  1–3 CREDITS  Prereq: GRADUATE 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: GRADUATE CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  Note: Instructor permission required 1st week.  See Dept For Reference Numbers

ENVIRONMENTAL LAW &PLANNING C R P 591  3 CREDITS  Prereq: GRADUATE CLASSIFICATION  2426005  W 5:10-8:00PM  MEETS: JAN 8-MAY 4

SEMINAR GIS APP/RES C R P 595  1 CREDIT  Prereq: 9 CREDITS IN GIS CERTIFICATE PROGRAM  Satisfactory-Fail Only.  5571005  M 12:10-1:00  MEETS: JAN 8-MAY 4

PRO PLANNING REPORT C R P 599  VAR. CREDITS  Satisfactory-Fail Only.  See Dept For Reference Numbers

RESEARCH C R P 699  VAR. CREDITS  Note: Instructor permission required.  See Dept For Reference Numbers

COMPUTER ENGINEERING

INTRY CMPTR SECURITY CPR E 131  1 CREDIT  Satisfactory-Fail Only.  3482005  A WM 11:00-12:50  MEETS: JAN 8-MARCH 2

PRO PROGRAM ORIENTAT CPR E 166  1 CREDIT  Note: COURSE RESTRICTED TO CPR E MAJORS ONLY.  2292005  A T 3:10-4:00  MEETS: JAN 8-MAY 4 2292010  B T 3:10-4:00  MEETS: JAN 8-MAY 4 2292015  C R 2:10-3:00  MEETS: JAN 8-MAY 4

INTRO PROBLM SOLV I CPR E 185  3 CREDITS  Prereq: MATH 143 OR SATISFACTORY SCORES ON MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR ENROLLMENT IN MATH 165  Note: COURSE RESTRICTED TO CPR E, ENGR, E E AND S E MAJORS ONLY. CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: M E 160, ENGR 160, A E E 185, S E 185, E E 148.  3878005  A TR 3:10-4:00  W 8:00-9:50  MEETS: JAN 8-MAY 4 3878010  B TR 3:10-4:00  W 6:10-8:00PM  MEETS: JAN 8-MAY 4 3878015  C TR 3:10-4:00  F 10:40-12:30  MEETS: JAN 8-MAY 4 3878020  D TR 3:10-4:00  T 4:10-6:00PM  MEETS: JAN 8-MAY 4

INTRY PROBLM SOLV II CPR E 186  1 CREDIT  Prereq: 185  6238005  A W 10:00-11:50  MEETS: JAN 8-MAY 4 6238010  B W 12:10-2:00  MEETS: JAN 8-MAY 4 6238015  C W 2:00-4:00  MEETS: JAN 8-MAY 4 6238020  D R 8:00-9:50  MEETS: JAN 8-MAY 4 6238025  E T 12:10-2:00  MEETS: JAN 8-MAY 4
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Note: SEC A2, B2 RESTRICTED TO E E MAJORS ONLY.
Satisfactory-Fail Only.
**CAREER SERVICES**
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING COOPERATIVE EDUCATION CPR E 398 R CREDIT
5388030 B3 M 1:10-2:00
MEETS: JAN 8-MAY 4

**ANALOG VLSI CIRCUIT DESIGN** CPR E 435 4 CREDITS
Prereq: 330, E 332, E 334, and E 332 or STAT 331
8512000 A MWF 12:10-1:00 RUAN L
MEETS: JAN 8-MAY 4

**INFORMATION SECURITY AND THE LAW** CPR E 534 3 CREDITS
Prereq: 531
2989000 TR 8:00-9:20
MEETS: JAN 8-MAY 4

**INDEPENDENT STUDY** CPR E 490 3 CREDITS
Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
Note: Department permission required 1st week.

**HONORS INDEPENDENT STUDY** CPR E 490H 3 CREDITS
Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
Department permission required 1st week.

**WSN SECURITY** CPR E 537 3 CREDITS
Prereq: CPR E 491 or CPR E 308, or E 322
8653000 TR 11:00-12:20
MEETS: JAN 8-MAY 4

**MICROPROCESSOR DESIGN** CPR E 540 3 CREDITS
Prereq: CPR E 491 or E 435
8510000 TR 9:30-10:50 NEWMAN J
MEETS: JAN 8-MAY 4
**COMPUTER ENGINEERING** (CONTINUED)

**DISTRB SYSMIDDLEWRE** CPR E 550 3 CREDITS
Prereq: 308 OR COM S 352
8515005 TR 9:10-10:50
MEETS: JAN 8-MAY 4

**DISTRIBUTED SYSTEMS** CPR E 554 3 CREDITS
Prereq: COM S 311, 352
7292005 TR 2:10-3:30
MEETS: JAN 8-MAY 4
HUAN L

**SECAPRIVY IN CLOUD** CPR E 559X 3 CREDITS
Prereq: CPR E 308 AND COM S 486 OR CPR E 449 OR CPR E 530
9883005 MWF 9:00-9:50
MEETS: JAN 8-MAY 4
ZHANG W

**DATA-DVK SECUR&PRIV** CPR E 560X 3 CREDITS
Prereq: CPR E 531, CPR E 547 OR COM S 573
9988005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

**SYSTEMS BIOLOGY** CPR E 570 3 CREDITS
Prereq: BCB 567, BIOI 315, COM S 311, COM S 208 OR 228, GEN 411, STAT 430
3471005 TR 1:10-2:30
MEETS: JAN 8-MAY 4

**COMPUTNL PERCEPTN** CPR E 575 3 CREDITS
Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSION
5237005 TR 11:00-12:20
MEETS: JAN 8-MAY 4

**CPR SYS PERFORMANCE** CPR E 582 3 CREDITS
Prereq: 381, 310 AND STAT 330
2779005 TR 2:10-3:30
MEETS: JAN 8-MAY 4

**EMBEDDED CMTR SYST** CPR E 588 3 CREDITS
Prereq: 308
2783005 TR 11:00-12:20
MEETS: JAN 8-MAY 4

Note: RESTRICTED TO E E NGR, COM S 5, GRAD STUDENTS ONLY

**SPECIAL TOPICS** CPR E 590 1-6 CREDITS
**SEE DEPT FOR REFERENCE NUMBERS**

**SEMINAR CMPTR ENGR** CPR E 592 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: RESTRICTED TO E CPR, E E, COM S, and INFAS GRAD STUDENTS
**SEE DEPT FOR REFERENCE NUMBERS**

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

**CYBER OPS PRACTICUM** CPR E 631X VAR. CREDITS
Prereq: CPR S 541, CPR S 531, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
7589005 ARRANGED
MEETS: JAN 8-MAY 4

**INFO ASSUR CAPSTONE** CPR E 632 3 CREDITS
Prereq: 531, 532, 534
8104005 ARRANGED
MEETS: JAN 8-MAY 4

8104605 XE ARRANGED
MEETS: JAN 8-MAY 4
JACOBSON D

Note: Section XE is off campus
Course delivery is WWW

**ENGINEER INTERNSHIP** CPR E 697 R CREDIT
Prereq: COURSE REQUIRES PERMISSION OF THE MANAGER OF STUDENT SERVICES
Satisfactory-Fail Only.
7420005 ARRANGED
MEETS: JAN 8-MAY 4

Note: Department permission required.

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

**COMPUTER SCIENCE** (CONTINUED)

**ORIENTATION** COM S 101 R CREDIT
Satisfactory-Fail Only.
2672005 T 12:40-2:00
MEETS: JAN 8-MARCH 2
TAVANAPONG W

**COMPUTER APPLICATIONS** COM S 103 4 CREDITS
Prereq: CREDIT FOR EITHER COM S 103 OR COM S 113/COM S 113X, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
2673005 1 ARRANGED
MEETS: JAN 8-MAY 4
Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 1 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF THE SEMESTER, MONDAY, 10:10-10:50 IN 0109 PEARSON HALL.

2673010 2 ARRANGED
MEETS: JAN 8-MAY 4
Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 2 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF THE SEMESTER, MONDAY, 11:10-11:50 IN 0109 PEARSON HALL.

**APPCOMPUTER PROGRAM** COM S 107 3 CREDITS
Course delivery is WWW
2674600 XW ARRANGED
MEETS: JAN 8-MAY 4

**INFO PRODSH&DATABASE** COM S 113 3 CREDITS
Prereq: CREDIT FOR EITHER COM S 103 OR COM S 113/COM S 113X, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Note: SEC A RESTRICTED TO THE COLLEGE OF BUSINESS MAJORS ONLY
2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

7761005 A TR 9:30-10:10
MEETS: JAN 8-MAY 4
ORYSPAYEV D

7761010 B TR 13:10-14:30
MEETS: JAN 8-MAY 4
ORYSPAYEV D

Note: SEC B RESTRICTED TO THE COLLEGE OF BUSINESS MAJORS ONLY
2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

7761020 C TR 8:00-9:25
MEETS: JAN 8-MAY 4
ORYSPAYEV D

Note: SEC C RESTRICTED TO THE NON-BUSINESS COLLEGE MAJORS
2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

7761030 D TR 9:30-10:10
MEETS: JAN 8-MAY 4
ORYSPAYEV D

Note: SEC D RESTRICTED TO THE NON-BUSINESS COLLEGE MAJORS
2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

**DATA-DVK SECUR&PRIV** CPR E 560X 3 CREDITS
**SEE DEPT FOR REFERENCE NUMBERS**

**DATA-DVK SECUR&PRIV** CPR E 560X 3 CREDITS
Prereq: CPR E 531, CPR E 547 OR COM S 573
9988005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

**DATA-DVK SECUR&PRIV** CPR E 560X 3 CREDITS
Prereq: CPR E 531, CPR E 547 OR COM S 573
9988005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

**DATA-DVK SECUR&PRIV** CPR E 560X 3 CREDITS
Prereq: CPR E 531, CPR E 547 OR COM S 573
9988005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

**DATA-DVK SECUR&PRIV** CPR E 560X 3 CREDITS
Prereq: CPR E 531, CPR E 547 OR COM S 573
9988005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

**DATA-DVK SECUR&PRIV** CPR E 560X 3 CREDITS
Prereq: CPR E 531, CPR E 547 OR COM S 573
9988005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

**DATA-DVK SECUR&PRIV** CPR E 560X 3 CREDITS
Prereq: CPR E 531, CPR E 547 OR COM S 573
9988005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

**DATA-DVK SECUR&PRIV** CPR E 560X 3 CREDITS
Prereq: CPR E 531, CPR E 547 OR COM S 573
9988005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

**DATA-DVK SECUR&PRIV** CPR E 560X 3 CREDITS
Prereq: CPR E 531, CPR E 547 OR COM S 573
9988005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

**DATA-DVK SECUR&PRIV** CPR E 560X 3 CREDITS
Prereq: CPR E 531, CPR E 547 OR COM S 573
9988005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

**DATA-DVK SECUR&PRIV** CPR E 560X 3 CREDITS
Prereq: CPR E 531, CPR E 547 OR COM S 573
9988005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

**DATA-DVK SECUR&PRIV** CPR E 560X 3 CREDITS
Prereq: CPR E 531, CPR E 547 OR COM S 573
9988005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4
### COMPUTER SCIENCE (CONTINUED)

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### INTRO DATA STRUCTURE COM S 228 3 CREDITS

Frequ: C- OR BETTER IN COM S 227, CREDIT OR ENROLLMENT IN MATH 156.

Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

Night exams scheduled. For dates go to:

http://www.registrar.iastate.edu/students/exams/

### ADV PROGRAMMING C/H/W COM S 327 3 CREDITS

Frequ: C- OR BETTER IN COM S 228, C- OR BETTER IN MATH 156.

Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTERIOR DESIGN REG COM S 203 3 CREDITS

Note: COURSE RESTRICTED TO BUS BUSINESS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO PROB SLV PROG COM S 127 4 CREDITS

Frequ: MATH 140 OR PLACEMENT INTO MATH 140 OR HIGHER.

Note: CREDIT FOR EITHER COM S 203 OR COM S 227, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

Night exams scheduled. For dates go to:

http://www.registrar.iastate.edu/students/exams/

### INTR OBJT ORIEN PRG COM S 227 4 CREDITS

Frequ: ENROLLMENT IN MATH 143, MATH 146, OR HIGHER; RECOMMENDED: A PREVIOUS HIGH SCHOOL OR COLLEGE COURSE IN PROGRAMMING OR EQUIVALENT EXPERIENCE.

Note: CREDIT FOR EITHER COM S 227 OR COM S 228, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

Note: REGISTRATION 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/

### DISCRETE CMP STRUC COM S 230 3 CREDITS

Frequ: C- OR BETTER IN COM S 227 AND MATH 165;

Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### DISCRETE BFPRC MATLAB COM S 249 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 231 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 232 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 233 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 234 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 235 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 236 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 237 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 238 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 239 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 240 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 241 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 242 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 243 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 244 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 245 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 246 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 247 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 248 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.

### INTRO DISCRETE MATH COM S 249 3 CREDITS

Frequ: MATH 150 OR PLACEMENT INTO MATH 150 OR HIGHER;

Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

Instructor permission required 1st week.
THEORY OF COMPUTING

Pre req: C- OR BETTER IN COM S 228, MATH 166, AND IN COM S 230 OR CPR E 310
Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMERATED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

MEETS: JAN 8-MAY 4
2686005 A TR 10:00-10:50
LUTZ J
MEETS: JAN 8-MAY 4
2686100 1 T 9:00-9:50
MEETS: JAN 8-MAY 4
2686105 2 R 3:10-4:00
MEETS: JAN 8-MAY 4
2686110 3 T 10:00-10:50
MEETS: JAN 8-MAY 4

PRINCIPLES OF LANGUAGES

COM S 342 3 CREDITS
Pre req: C- OR BETTER IN MATH 165; COM S 230 OR CPR E 310

MEETS: JAN 8-MAY 4
2687005 A TR 11:00-12:30
BASU S
MEETS: JAN 8-MAY 4
2687100 1 W 9:00-9:50
MEETS: JAN 8-MAY 4
2687105 2 W 4:10-5:00
MEETS: JAN 8-MAY 4

NUMBER THEORY

COM S 350 3 CREDITS
Pre req: MATH 201 OR COM S 230

MEETS: JAN 8-MAY 4
5790005 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

INTRODUCTION TO OPERATING SYSTEMS

COM S 352 3 CREDITS
Pre req: COM S 321, COM S 327, ENGL 250

MEETS: JAN 8-MAY 4
2688005 1 MWF 2:00-3:00
WONG J
MEETS: JAN 8-MAY 4
2688100 2 TR 11:00-12:00
YUEN K
MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATION

COM S 398 R CREDIT
Pre req: PERMISSION OF DEPARTMENT CHAIR
Note: Instructor permission required.

MEETS: JAN 8-MAY 4
2691005 ARRANGED
CIARDO G
MEETS: JAN 8-MAY 4

SR PROJECTS

COM S 402B 2-3 CREDITS
Pre req: COM S 402A
Note: NO MORE THAN 6 CREDITS OF COM S 402A, COM S 402B, AND COM S 402C MAY BE APPLIED TOWARD GRADUATION

MEETS: JAN 8-MAY 4
9708005 ARRANGED
LATHROP J
MEETS: JAN 8-MAY 4

APPLIED FORMAL METHODS

COM S 407X 3 CREDITS
Pre req: MATH 166 AND INSTRUCTOR PERMISSION

MEETS: JAN 8-MAY 4
9263005 TR 11:00-12:15
MEETS: JAN 8-MAY 4

FORMAL METHODS FOR WREX

COM S 412 3 CREDITS
Pre req: COM S 230 OR CPR E 310; COM S 311, STAT 330

MEETS: JAN 8-MAY 4
8536005 MWF 3:10-4:00
MINER A
MEETS: JAN 8-MAY 4

SOFTWARE SYSTEM SAFETY

COM S 415 3 CREDITS
Pre req: 309 OR 311, 342

MEETS: JAN 8-MAY 4
9214005 TR 9:30-10:45
LUTZ R
MEETS: JAN 8-MAY 4

INTRODUCTION TO CRYPTOGRAPHY

COM S 418 3 CREDITS
Pre req: 311 OR INSTRUCTOR PERMISSION

MEETS: JAN 8-MAY 4
5952005 TR 9:30-10:50
JIA Y
MEETS: JAN 8-MAY 4

ADVANCED PROGRAMMING TOOLS

COM S 430 3 CREDITS
Pre req: 311, 362 OR 363, ENGL 250 OR ENGL 105, SF ON 212

MEETS: JAN 8-MAY 4
5833005 MWF 12:10-1:00
KAUTZ S
MEETS: JAN 8-MAY 4

MODERN SOFTWARE SECURITY

COM S 433 3 CREDITS
Pre req: C- OR BETTER IN COM S 331 OR PERMISSION OF INSTRUCTOR

MEETS: JAN 8-MAY 4
8228005 MWF 12:10-1:00
LUTZ J
MEETS: JAN 8-MAY 4

COURSE DELIVERY IS WWW
PRIN&PRACTP COMPLI  COM S 540  3 CREDITS
7180005  MWF 3:10-4:00  ORYSPADEV D
MEETS: JAN 8-MAY 4

GENOME ASSEMBLY  COM S 551  3 CREDITS
Prereq: 351, SOME KNOWLEDGE OF PROGRAMMING
7908005  TR 2:10-3:30  MEETS: JAN 8-MAY 4

DISTRIBUTED SYSTEMS  COM S 554  3 CREDITS
Prereq: COM S 311, COM S 352, GRADUATE
STANDING OR PERMISSION OF INSTRUCTOR
2714005  TR 2:10-3:15  RUIAN L
MEETS: JAN 8-MAY 4

SIMULATNL ALG&IMPLEM  COM S 555  3 CREDITS
Prereq: 311, 330, STAT 330
8124005  TR 12:40-1:55  BALBO G
MEETS: JAN 8-MAY 4

SEC&PRIVCY IN CLOUD  COM S 559X  3 CREDITS
Prereq: COM S 352 OR CPR E 308 AND COM S 486 OR
CPR E 489 OR CPR E 530
9882005  MWF 9:00-9:50  ZHANG W
MEETS: JAN 8-MAY 4

DATA-DRV SECUR&PRIV  COM S 560X  3 CREDITS
Prereq: CPR E 531, COM S 474 OR COM S 573
9989005  MWF 2:10-3:00  MEETS: JAN 8-MAY 4

DATA BIOMETRICS  COM S 568  3 CREDITS
Prereq: BCB 567, BIOL 315, STAT 430;
CREDIT OR ENROLLMT IN GEN 409
2810005  TR 9:30-10:50  MEETS: JAN 8-MAY 4

MECHANICAL BIOENGINEERING  COM S 570  3 CREDITS
Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
2182005  TR 12:40-2:00  MEETS: JAN 8-MAY 4

COMPUTATIONAL PERCEPTN  COM S 575  3 CREDITS
Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSION
2660005  MWF 10:00-10:50  TIAN J
MEETS: JAN 8-MAY 4

SYSTEMS BIOLOGY  COM S 577  3 CREDITS
Prereq: BCB 567, BIOL 315 AND STAT 430;
CREDIT OR ENROLLMT IN GEN 409
3310005  TR 9:30-10:50  MEETS: JAN 8-MAY 4

MACHINE LEARNING  COM S 573  3 CREDITS
Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSION
2660005  MWF 10:00-10:50  TIAN J
MEETS: JAN 8-MAY 4

COMPUTATIONAL PERCEPTN  COM S 575  3 CREDITS
Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSION
3246005  TR 2:10-3:30  MEETS: JAN 8-MAY 4

PRINCIPAL NETWORKING  COM S 587  3 CREDITS
Prereq: COM S 352 OR CPR E 489 OR EQUIVALENT
6143005  MWF 1:10-2:00  MEETS: JAN 8-MAY 4

SPECIAL TOPICS  COM S 590  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
********  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR  COM S 592  1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
8406005  R 3:40-5:00  BATINOV G
MEETS: JAN 8-MAY 4

GRADUATE SENIOR PROJECTS  COM S 598  R CREDIT
Prereq: GRADUATE CLASSIFICATION
5627005  ARRANGED  BASU S
MEETS: JAN 8-MAY 4

CREATIVE COMPONENT  COM S 599  1-3 CREDITS
Satisfactory-Fail Only.
********  SEE DEPT FOR REFERENCE NUMBERS

SEMINAR  COM S 610  VAR. CREDITS
Satisfactory-Fail Only.
********  SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPIC DATABASE SYSTEMS  COM S 661  3 CREDITS
Prereq: 461 OR 561
2727005  TR 2:10-3:25  MEETS: JAN 8-MAY 4

ADVANCED TOPIC SOFTWARE ENGINEERING  COM S 665A  3 CREDITS
Prereq: COM S 511
4610005  TR 12:40-2:00  MEETS: JAN 8-MAY 4

RESEARCH  COM S 699  VAR. CREDITS
Prereq: APPROVAL OF INSTRUCTOR
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
********  SEE DEPT FOR REFERENCE NUMBERS

CONSTRUCTION ENGINEERING

ORIENT TO PROFESSION  CON E 122  1 CREDIT
5269005  R 4:10-6:00PM  MEETS: JAN 8-MAY 4

CONSTRUCTION ORGANIZATION & MANAGEMENT  CON E 222  3 CREDITS
2363005  M 11:00-11:50  MEETS: JAN 8-MAY 4

CONSTRUCTION METHODS  CON E 241  3 CREDITS
Prereq: 222
Course Restricted to CON E MAJORS ONLY
2730005  M 12:10-1:00  MEETS: JAN 8-MAY 4

MECHANICAL ENGINEERING  CSE 487  3 CREDITS
5763005  MP 12:10-1:00  T 11:00-12:50  MEETS: JAN 8-MAY 4

CONSTRUCTION DESIGN  II  CON E 488  3 CREDITS
5754005  T 11:00-12:50  MEETS: JAN 8-MAY 4

CONSTRUCTION ENGINEERING

INSTRUCTIONAL JUSTICE STUDIES

INSTRUCTIONAL JUSTICE  CJ ST 240  3 CREDITS
4719005  A1 TR 3:40-5:00  HEIRIGS M
MEETS: JAN 8-MAY 4

Note: SEC A1 RESTRICTED TO CJ ST, INDIS,
SOC MAJORS ONLY
4719010  A2 TR 3:40-5:00  HEIRIGS M
MEETS: JAN 8-MAY 4

Note: SEC A2 FOR MAJORS OTHER THAN CJ ST, INDIS,
SOC
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<td>3015055</td>
<td>TR 11:00-11:50</td>
<td>M</td>
<td>12:10-2:00</td>
<td>MEETS: JAN 8-MAY 4</td>
</tr>
</tbody>
</table>

**CRIMINAL JUSTICE STUDIES (CONTINUED)**

**YOUTH & CRIME**
- **CJ ST 241** 3 CREDITS
  - Prereq: SOC S 130 OR 134
  - MEETS: JAN 8-MAY 4
  - Instructor: ERICKSON J

**AMER JUDICIAL PROC**
- **CJ ST 320** 3 CREDITS
  - Prereq: PCL S 215
  - MEETS: JAN 8-MAY 4
  - Note: SEC A RESTRICTED TO PCL S, CJ ST, INDIA MAJORS ONLY
  - Instructor: WOLF C

**DEVIANT & CRIM BEHAV**
- **CJ ST 340** 3 CREDITS
  - Prereq: SOC 134 OR CJ ST 240
  - MEETS: JAN 8-MAY 4
  - Note: SEC B RESTRICTED TO MAJORS OTHER THAN PCL S, DJ, CJ, IND
  - Instructor: BEHNKEN M

**CRIMINOLOGY**
- **CJ ST 341** 3 CREDITS
  - Prereq: CJ ST 240
  - MEETS: JAN 8-MAY 4
  - Instructor: hochstetler A

**POLICE AND SOCIETY**
- **CJ ST 351** 3 CREDITS
  - Prereq: CJ ST 241 OR SOC 240
  - MEETS: JAN 8-MAY 4
  - Instructor: BRINKLEY J

**CRIMINAL OFFENDERS**
- **CJ ST 403** 3 CREDITS
  - Prereq: CJ ST 240 or CJ ST 424
  - MEETS: JAN 8-MAY 4
  - Instructor: delisi M

**WHITE-COLLAR CRIME**
- **CJ ST 402** 3 CREDITS
  - Prereq: CJ ST 241 OR SOC 241 OR CJ ST 240
  - MEETS: JAN 8-MAY 4
  - Instructor: hochstetler A

**CRIMINAL JUSTICE STUDIES (CONTINUED)**

**SOCIAL FOUND U.S. EDUC**
- **CJ ST 204** 3 CREDITS
  - Prereq: C I 203 OR C I 204, SOPH CLASSIFICATION
  - Instructor: KIN H

**STRATEGIES IN TCHNG**
- **C I 245** 3 CREDITS
  - Instructor: hochstetler A

**HISTORY/SOC STUDIES IN GRADES 5-12**
- **C I 219** 1 CREDIT
  - Instructor: hochstetler A

**CURRICULUM & INSTRUCTION (CONTINUED)**

**PK-6 CLSRM TECNOLGI**
- **C I 201** 3 CREDITS
  - Prereq: C I 203 OR C I 204, SOPH CLASSIFICATION
  - Note: COURSE RESTRICTED TO EL ED MAJORS ONLY
  - Instructor: hochstetler A

**CURRICULUM & INSTRUCTION (CONTINUED)**

**SOC FOUND U.S. EDUC**
- **C I 204** 3 CREDITS
  - Prereq: C I 204
  - Instructor: hochstetler A

**STRATEGIES IN TCHNG**
- **C I 245** 3 CREDITS
  - Prereq: C I 203 OR C I 204, SOPH CLASSIFICATION
  - Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY
  - Instructor: hochstetler A
CURRICULUM & INSTRUCTION (CONTINUED)

EXP I: CORE EXP C I 280A 1-2 CRED
PreReq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Note: STUDENTS MUST RESERVE ONE MORNING OR ONE AFTERNOON PER WEEK FOR CREDIT AT SITE VISIT.
Satisfactory-Fail Only.
6279005 1 M 1:10-2:00, ARRANGED
MEETS: JAN 8-MAY 4
6279010 2 ARRANGED
MEETS: JAN 8-MAY 4
Note: SEC 2 STUDENTS WHO HAVE PREVIOUSLY COMPLETED A C I 280A
Instructor permission required.

EXP I: LANG TECHNOL C I 280B 1-2 CRED
PreReq: C I 201 OR C I 202. FOR 2 CRED ENROLLMENT PERMISSION OF INSTRUCTOR IS REQUIRED.
Note: Department permission required 1st week.
Satisfactory-Fail Only.
6280005 ARRANGED
MEETS: JAN 8-MAY 4

EXPNC I: MATH CLINIC C I 280J 1 CRED
Satisfactory-Fail Only.
2289005 1 TR 3:10-5:00
MEETS: JAN 8-MAY 4

PRE-TCH EXP I: MUSIC C I 280K .5 CREDIT
Satisfactory-Fail Only.
5673005 ARRANGED
MEETS: JAN 8-MAY 4

EXPNC I: SECDNDY ED C I 280L .5-2 CRED
Note: MUST RESERVE ONE MORNING OR ONE AFTERNOON PER WEEK FOR SITE VISITS.
Satisfactory-Fail Only.
2843005 1 M 12:30-1:00, ARRANGED
MEETS: JAN 8-MAY 4
Note: SEC 1 OFFERED FOR .5 CREDIT SPRING 2018

EXPNC I: SECDNDY SCI C I 280M 1-2 CRED
PreReq: FOR 2 CRED ENROLLMENT PERMISSION OF INSTRUCTOR IS REQUIRED.
Satisfactory-Fail Only.
8266005 1 M 8:00-9:50, ARRANGED
MEETS: JAN 8-MAY 4
8266015 2 TR 10:30-12:20
MEETS: JAN 8-MAY 4

EXPER I: LANG CMNTY C I 280N 1 CREDIT
PreReq: PERMISSION OF DEPARTMENT REQUIRED
Satisfactory-Fail Only.
7710005 1 M 2:10-3:00, ARRANGED
MEETS: JAN 8-MAY 4

EXPERIENC I: ART ED C I 280O 1 CREDIT
PreReq: PERMISSION OF THE ART AND DESIGN DEPARTMENT
Satisfactory-Fail Only.
1904005 1 ARRANGED
MEETS: JAN 8-MAY 4

PRE-TCH EXPRC I: ESL C I 280S 1 CREDIT
PreReq: ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Satisfactory-Fail Only.
7941005 1 ARRANGED
MEETS: JAN 8-MAY 4

EXPERNC I: TUTORING C I 280T 1 CREDIT
PreReq: MATH 195, 196; AND ADMISSION INTO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Satisfactory-Fail Only.
9375005 1 TR 3:10-4:50
MEETS: JAN 8-MAY 4

PRIN&PRC DIGTL LRNG C I 310 3 CREDITS
PreReq: C I 201 OR C I 202
6289005 1 T 5:10-8:00PM
MEETS: JAN 8-MAY 4

TRANSFR ORIENTATION C I 315 1 CREDIT
PreReq: Department permission required 1st week.
Satisfactory-Fail Only.
3250005 1 TR 8:00-10:00
MEETS: JAN 8-MAY 4

ED PSYCH YNG LEARNR C I 332 3 CREDITS
PreReq: PSYCH 230 OR HD FS 102, OPEN ONLY TO MAJORS IN EARLY CHILDHOOD EDUCATION OR ELEMENTARY ED
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY.
2635005 1 TR 9:30-10:50
MEETS: JAN 8-MAY 4

EDUCATIONAL PSYCHOL C I 333 3 CREDITS
PreReq: PSYCH 230 OR HD FS 102, APPLICATION TO THE TEACHER EDUCATION PROGRAM OR MAJOR IN PSYCHOLOGY
Note: COURSE RESTRICTED TO PSYCH, SEC ED MAJORS
6084005 1 MWF 11:00-1:00
MEETS: JAN 8-MAY 4

CURRICULUM & INSTRUCTION (CONTINUED)

RDGL&LANG ARTS K-3RD C I 377 4 CREDITS
PreReq: C I 245, SP ED 250, HD FS 240 (ECE MAJ)
CONCURRENT ENROLLMENT IN C I 440, C I 449, C I 468A, C I 468C (EL ED) OR C I 438, C I 468F, SP ED 368, HD FS 343 (ECE), ADMISSION TO TEACHER EDUC PROGRAM
Note: FOR ECE MAJORS, THE CONCURRENT ENROLLMENT REQUIREMENTS ARE SP ED 368, C I 468F, C I 438, C I 468G. EL ED MAJORS MUST REGISTER FOR THE SAME SECTION NUMBER OF 468A, 468B. RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. STUDENT MUST ENROLL IN SAME SECTION NUMBER OF CI 405 AND CI 449.
2066005 1 M 8:00-10:10
MEETS: JAN 8-MAY 4
Note: NO MEETINGS MARCH 18 TO APRIL 13. RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO TEACHER EDUCATION.
2066010 2 M 11:00-1:10
MEETS: JAN 8-MAY 4
Note: NO MEETINGS MARCH 28 TO APRIL 13. RESTRICTED TO ECE STUDENTS FULLY ACCEPTED INTO TEACHER EDUCATION.

RDGL&LANG ARTS 4TH-6 C I 378 4 CREDITS
PreReq: C I 377; CONCURRENT ENROLLMENT IN C I 449, C I 468D, AND C I 443
Note: MUST ENROLL IN SAME SECTION NUMBER OF 449.
NO MEETINGS 2/12-3/9

2078005 1 TR 8:00-10:30
MEETS: JAN 8-MAY 4
2078010 2 TR 11:00-1:10
MEETS: JAN 8-MAY 4
2078015 3 TR 2:10-4:40
MEETS: JAN 8-MAY 4
2078020 4 TR 8:00-10:30
MEETS: JAN 8-MAY 4
2078025 5 TR 11:00-1:10
MEETS: JAN 8-MAY 4
2078030 6 TR 2:10-4:40
MEETS: JAN 8-MAY 4

READING & LITERACY C I 395 3 CREDITS
PreReq: 204 AND JUNIOR STANDING
9656005 1 TR 9:30-10:45
MEETS: JAN 8-MAY 4
9656010 2 M 5:10-8:00PM
MEETS: JAN 8-MAY 4
9656015 3 W 5:10-8:00PM
MEETS: JAN 8-MAY 4

SOC JUSTIC ED: ECE&EL C I 405X 3 CREDITS
PreReq: C I 201, C I 332 OR C I 333, JUNIOR CLASSIFICATION, ADMISSION TO TEACHER EDUCATION PROGRAM
Note: MUST BE ENROLLED IN SAME SECTION OF C I 377
Meets U.S. diversity reqmt
8300005 1 MN 11:00-12:50
MEETS: JAN 8-MAY 4
8300010 2 M 2:10-4:00
MEETS: JAN 8-MAY 4
8300015 3 MN 9:00-10:50
MEETS: JAN 8-MAY 4
8300020 4 M 2:10-4:00
MEETS: JAN 8-MAY 4

SOCIAL JUSTIC ED: SEC C I 406 3 CREDITS
PreReq: C I 201 OR C I 202, C I 332 OR C I 333, JUNIOR CLASSIFICATION IN SECONDARY OR K-12 EDUC PROGRAMS; ADMISSION TO TEACHER PREP PROGRAM
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Meets U.S. diversity reqmt
6292005 1 MN 3:40-5:45
MEETS: JAN 8-MAY 4
6292010 2 TR 3:40-5:45
MEETS: JAN 8-MAY 4
6292015 3 R 5:10-8:00PM
MEETS: JAN 8-MAY 4
Note: SEC 3 FOR STUDENTS IN SECED
5054005 1A ARRANGED
MEETS: JAN 8-MARCH 2
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
5054015 1R ARRANGED
MEETS: JAN 8-MARCH 2
THE LAST 8 WEEKS OF THE SEMESTER.

9510015 2A ARRANGED
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
MEETS: MARCH 5-MAY 4

5054010 2A ARRANGED
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
THE LAST 8 WEEKS OF THE SEMESTER.

5054020 2R ARRANGED
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

SUPV TCHG: Grades 4-6 C I 416B VAR. CREDITS
Prereq: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION; SENIOR CLASSIFICATION 378, 443, 448, 449; RESERVATION REQUIRED
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM COURSE OFFERED FOR 8 CREDITS SPRING 2018

5056005 1A ARRANGED
Note: SEC 1A FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: JAN 8-MARCH 2

THE FIRST 8 WEEKS OF THE SEMESTER.

5056105 1R ARRANGED
Note: SEC 1R FOR STUDENTS TEACHING IN CENTRAL IOWA
MEETS: JAN 8-MARCH 2

5056101 1S ARRANGED
Note: SEC 1S FOR STUDENTS TEACHING IN CENTRAL IOWA
MEETS: JAN 8-MARCH 2

5056225 2S ARRANGED
Note: SEC 2S OFFERED FOR 8 CREDITS SPRING 2018

5056205 2R ARRANGED
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

5056201 2A ARRANGED
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
THE LAST 8 WEEKS OF THE SEMESTER.

5056202 2R ARRANGED
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

STUDNT TCH ENG Lit C I 417E VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
MEETS: JAN 8-MARCH 2

9046020 2R ARRANGED
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

STUDNT TCH PHYS SCI C I 417B VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
MEETS: JAN 8-MARCH 2

9044005 1A ARRANGED
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
MEETS: JAN 8-MARCH 2

8046005 1A ARRANGED
Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
MEETS: JAN 8-MARCH 2

8046010 1R ARRANGED
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

STUDNT TCH MATH C I 417C VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
MEETS: JAN 8-MARCH 2

8046010 1R ARRANGED
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

STUDNT TCH BIOL SCI C I 417D VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
MEETS: JAN 8-MARCH 2

9047020 2R ARRANGED
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

STUDNT TCH ENGL Lit C I 417E VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
MEETS: JAN 8-MARCH 2

9047025 5 ARRANGED
Note: SEC 5 OFFERED FOR 8 CREDITS
MEETS: JAN 8-MARCH 2

9047030 6 ARRANGED
Note: SEC 6 OFFERED FOR 8 CREDITS
MEETS: MARCH 5-MAY 4

THE LAST 8 WEEKS OF THE SEMESTER.

9046015 2A ARRANGED
Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

9046025 2R ARRANGED
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

STUDENT TEACHING MATH C I 417C VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
MEETS: JAN 8-MARCH 2

9046005 1A ARRANGED
Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
MEETS: JAN 8-MARCH 2

9046015 2A ARRANGED
Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

9046020 2R ARRANGED
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

SUPV TCHG: ESL Elem C I 416Z VAR. CREDITS
Prereq: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION; SENIOR CLASSIFICATION 378, 443, 448, 449; RESERVATION REQUIRED
Note: COURSE OFFERED FOR 8 CREDITS SPRING 2018

8046025 2R ARRANGED
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

8046020 2A ARRANGED
Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

STUDENT TEACHING MATH C I 417C VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
MEETS: JAN 8-MARCH 2

9047020 2R ARRANGED
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

9047025 5 ARRANGED
Note: SEC 5 OFFERED FOR 8 CREDITS
MEETS: JAN 8-MARCH 2

9047030 6 ARRANGED
Note: SEC 6 OFFERED FOR 8 CREDITS
MEETS: MARCH 5-MAY 4

SUPV TCHG: ESL Elem C I 416Z VAR. CREDITS
Prereq: COURSE ONLY OFFERED FOR 8 CREDITS SPRING 2018
RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

9510020 2R ARRANGED
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

STUDENT TEACHING MATH C I 417C VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
MEETS: JAN 8-MARCH 2

9047020 2R ARRANGED
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
MEETS: MARCH 5-MAY 4

9047025 5 ARRANGED
Note: SEC 5 OFFERED FOR 8 CREDITS
MEETS: JAN 8-MARCH 2

9047030 6 ARRANGED
Note: SEC 6 OFFERED FOR 8 CREDITS
MEETS: MARCH 5-MAY 4
STUDNT TCH WORLD LANG C I 417G VAR. CREDITS  
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
9049005 1A ARRANGED  
MEETS: JAN 8-MARCH 2  
9049010 1R ARRANGED  
MEETS: JAN 8-MARCH 2  
9049015 2A ARRANGED  
MEETS: MARCH 5-MAY 4  
9049020 2R ARRANGED  
MEETS: MARCH 5-MAY 4  
STUDNT TCH EARTH SCI C I 417J VAR. CREDITS  
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
9051005 1A ARRANGED  
MEETS: JAN 8-MARCH 2  
9051010 1R ARRANGED  
MEETS: JAN 8-MARCH 2  
9051015 2A ARRANGED  
MEETS: MARCH 5-MAY 4  
9051020 2R ARRANGED  
MEETS: MARCH 5-MAY 4  
STUDNT TCH BASIC SCI C I 417M VAR. CREDITS  
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
9054005 1A ARRANGED  
MEETS: JAN 8-MARCH 2  
9054010 1R ARRANGED  
MEETS: JAN 8-MARCH 2  
9054015 2A ARRANGED  
MEETS: MARCH 5-MAY 4  
9054020 2R ARRANGED  
MEETS: MARCH 5-MAY 4  
STUDNT TCH SOC STUD HS C I 417P VAR. CREDITS  
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
8612005 1A ARRANGED  
MEETS: JAN 8-MARCH 2  
8612010 1R ARRANGED  
MEETS: JAN 8-MARCH 2  
8612015 2A ARRANGED  
MEETS: MARCH 5-MAY 4  
8612020 2R ARRANGED  
MEETS: MARCH 5-MAY 4  
STUDNT TCH SEC MUS C I 417R VAR. CREDITS  
8682005 1A ARRANGED  
MEETS: JAN 8-MARCH 2  
8682010 1R ARRANGED  
MEETS: JAN 8-MARCH 2  
8682015 2A ARRANGED  
MEETS: MARCH 5-MAY 4  
8682020 2R ARRANGED  
MEETS: MARCH 5-MAY 4  
STUDNT TCH SEC MUS C I 417S VAR. CREDITS  
8672005 1A ARRANGED  
MEETS: JAN 8-MARCH 2  
8672010 1R ARRANGED  
MEETS: JAN 8-MARCH 2  
8672015 2A ARRANGED  
MEETS: MARCH 5-MAY 4  
8672020 2R ARRANGED  
MEETS: MARCH 5-MAY 4  
STUDNT TCH SEC MUS C I 417T VAR. CREDITS  
8652005 1A ARRANGED  
MEETS: JAN 8-MARCH 2  
8652010 1R ARRANGED  
MEETS: JAN 8-MARCH 2  
8652015 2A ARRANGED  
MEETS: MARCH 5-MAY 4  
8652020 2R ARRANGED  
MEETS: MARCH 5-MAY 4  
STUDNT TCH SEC MUS C I 417U VAR. CREDITS  
8642005 1A ARRANGED  
MEETS: JAN 8-MARCH 2  
8642010 1R ARRANGED  
MEETS: JAN 8-MARCH 2  
8642015 2A ARRANGED  
MEETS: MARCH 5-MAY 4  
8642020 2R ARRANGED  
MEETS: MARCH 5-MAY 4
TEACHING OF SCIENCE C I 449  3 CREDITS
PreReq: 377, Concurrent Enrollment in 378, 468B, 468D, Junior Classification.
Note: Course restricted to EL Ed Majors only.
Department permission required 1st week.
3261005 1 TR 1:10-2:50
MEETS: JAN 8-MAY 4
Note: Also Register for C I 378/443 SEC 1
3261015 3 TR 9:00-10:50
MEETS: JAN 8-MAY 4
Note: Also Register for C I 378/443 SEC 2
3261020 4 TR 11:00-12:50
MEETS: JAN 8-MAY 4
Note: Also Register for C I 378/443 SEC 3
3261025 5 TR 1:10-2:50
MEETS: JAN 8-MAY 4
Note: Also Register for C I 378/443 SEC 4
3261030 6 TR 9:00-10:50
MEETS: JAN 8-MAY 4
Note: Also Register for C I 378/443 SEC 5
3261035 7 TR 1:10-2:50
MEETS: JAN 8-MAY 4
Note: Also Register for C I 378/443 SEC 6

LITERACY LANG ASSEMT C I 452  3 CREDITS
PreReq: C I 378 or Equivalent.
Note: Tutoring Tues, Thurs 5:30-6:30
Reading Clinic Fri in April
6584005 1 TR 11:00-2:30
MEETS: JAN 8-MAY 4
6584010 2 TR 11:00-2:30
MEETS: JAN 8-MAY 4
6584015 3 TR 5:10-8:30PM
MEETS: JAN 8-MAY 4

EMERG TOPC DGLT TEC C I 454  1-3 CREDITS
PreReq: 201 or 202
9436005 1 ARRANGED
Note: SEC 1, Effective Social Media Use for Educators
9436010 2 M 9:30-11:30PM
ARRANGED
Note: SEC 2, ETLKSPACE in Education

LITRCY INTGRAT TECH C I 456  3 CREDITS
PreReq: 201 or 202, 377
Note: Department permission required 1st week.
3257005 1 W 5:10-8:00PM
MEETS: JAN 8-MAY 4

EXP II:PRI RDG&LANG C I 468A  1 CREDIT
PreReq: Full Admission to the University
Teacher Education Program.
Note: Take Concurrently with C I 377 and 448 and 468C.
Restricted to Students with Full or Tentative Admission to the University Teacher Education Program.
Restricted to EL Ed Majors only.
Mandatory Meeting with Ann Pierce Week 2 of Class Department permission required 1st week.
Satisfactory-Fail Only.
3265005 1 M 7:30-4:30, ARRANGED
MEETS: MARCH 19-APRIL 11

EXP II:RDG&LANG 4-6 C I 468B  1 CREDIT
PreReq: Full Admission to the University
Teacher Education Program.
Note: Take Concurrently with C I 377, 449, 468D, Restricted to Students with Full or Tentative Admission to the University Teacher Education Program Restricted to EL Ed Majors only.
Mandatory Meeting with Ann Pierce Week 2 of Class Department permission required 1st week.
Satisfactory-Fail Only.
3266005 1 TR 7:30-4:30, ARRANGED
MEETS: MAR 10-MARCH 8
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

BEYOND 250, PSYCH 333, ADMISSION TO TEACHER EDUC PROGRAM
Prereq: ENGL 310, 397, 9 OTHER CREDITS IN ENGLISH

TEACH LIT SECONDARY   C I   494       3 CREDITS
Prereq: ENGL 310, 397, 9 OTHER CREDITS IN ENGLISH
BEYOND 250, PSYCH 333, ADMISSION TO TEACHER EDUC PROG
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

TCHNOL IN TEACH&LRN   C I   505       3 CREDITS
Prereq: ADMISSION TO TEACHER EDUCATION PROGRAM

ALGEBRA K-12 CLSRSM   C I   508       3 CREDITS
Prereq: 6 CREDITS OF MATH CREDIT OR ENROLLMENT IN C I 448 OR C I 497 OR C I 597

INDEP STU DIGITL LRNG   C I   490G   1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

STUDNT TCH PHYS SCI   C I   517B       3 CREDITS
Prereq: FULL ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

STDNT TEACH MATH   C I   517C       3 CREDITS
Prereq: FULL ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

STUDNT TCH BIOL SCI   C I   517D       3 CREDITS
Prereq: FULL ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

STDNT TCH: EARTH SCI C I   517J       3 CREDITS
Prereq: FULL ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

INDEXED STUDY MUSIC ED   C I   490A   VAR. CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: Instructor permission required 1st week.

INDEXED STUDY CURR CONSTR   C I   490C   VAR. CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

INDEXED STUDY MTHDS TCHG   C I   490E   VAR. CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

INDEXED STUDY ENGLISH   C I   490G   VAR. CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
CURRICULUM & INSTRUCTION
(Continued)

STUDNT TCH: EARTH SCI C I 517J VAR. CREDITS
THE FIRST 8 WEEKS OF THE SEMESTER.
2476015 2A ARRANGED
MEETS: MARCH 5–MAY 4
Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
THE LAST 8 WEEKS OF THE SEMESTER.
2476020 2R ARRANGED
MEETS: MARCH 5–MAY 4
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
THE LAST 8 WEEKS OF THE SEMESTER.

STUDNT TCH: BASIC SCI C I 517M VAR. CREDITS
Prereq: FULL ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM;
APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
2480005 1A ARRANGED
MEETS: JAN 8–MARCH 2
Note: SEC 1A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
THE FIRST 8 WEEKS OF THE SEMESTER.
2480010 1R ARRANGED
MEETS: JAN 8–MARCH 2
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
THE FIRST 8 WEEKS OF THE SEMESTER.
2480015 2A ARRANGED
MEETS: MARCH 5–MAY 4
Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
THE LAST 8 WEEKS OF THE SEMESTER.
2480020 2R ARRANGED
MEETS: MARCH 5–MAY 4
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
THE LAST 8 WEEKS OF THE SEMESTER.

SECDY SCI METHODS II C I 519 3 CREDITS
Prereq: 418 OR 518, CONCURRENT ENROLLMENT IN 519D
2575005 M 5:10–6:00PM
MEETS: JAN 8–MAY 4

PRIN SECONDARY EDUC C I 526 3 CREDITS
Prereq: SENIOR CLASSIFICATION, ADMISSION TO TEACHER EDUCATION PROGRAM;
FULL ADMISSION TO TEACHER EDUCATION PROGRAM
Note: MUST TAKE CONCURRENTLY WITH CI 415
7724005 1 TR 11:00–12:15
MEETS: JAN 8–MAY 4

EDUC PSYCH LEARNING C I 533 3 CREDITS
4363005 M 5:10–8:00PM
MEETS: JAN 8–MAY 4

CORRECTIVE READING C I 552 3 CREDITS
Prereq: C I 378 OR EQUIV
Note: TUTORING ON TUES. & THURS. 5:30–7:00P.M
READING CLINIC FEB 6–APRIL 5
MUST BE ENROLLED IN SEC 1 OF C I 588
3276005 1 T 5:10–8:30PM
R 5:10–8:30PM
MEETS: FEB 6–APRIL 5

RDGRSPND CHILD LIT C I 554 3 CREDITS
Prereq: SENIOR STATUS OR TEACHING LICENSE
1672005 1 M 5:10–8:30PM
MEETS: JAN 8–MAY 4
1672010 2 W 5:10–8:30PM
MEETS: JAN 8–MAY 4

PERSPC READ CMPRNS C I 558 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
9569005 1 R 5:10–8:20PM
MEETS: JAN 8–MAY 4

LITRCY POLICY & PRACTC C I 565 3 CREDITS
Prereq: GRADUATE STANDING
9571005 1 ARRANGED
MEETS: JAN 8–MAY 4

TECNO EQUITY: HISTRC C I 577 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
2935005 1 T 5:10–8:00PM
MEETS: JAN 8–MAY 4

SUPVS TUTOR READING C I 588 3 CREDITS
Prereq: GRADUATE STATUS, TEACHING LICENSE AND CONCURRENT ENROLLMENT IN OR COMPLETION OF ONE COURSE
CORRECTIVE READING; DIAGNOSIS AND CORRECTION OF READING PROBLEMS
Note: COURSE RESTRICTED TO GRADS ONLY.
9245005 1 T 5:10–8:30PM
T 5:10–8:30PM
MEETS: FEB 6–APRIL 5
Note: TUTORING ON TUES. & THURS. 5:30–6:30P.M
READING CLINIC FEB 6–APRIL 5
MUST BE ENROLLED IN SAME SEC OF C I 552

SPCL TOP CURRICULUM C I 590A 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION
(Continued)

SPL TOP DIGITL LRNG C I 590B 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP SCIENCE EDUC C I 590C 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOPICS SEC EDUC C I 590D 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP MULTICULT ED C I 590F 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOPICS MATH EDUC C I 590G 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS ELEM ED C I 590I 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP WORLD LANGU C I 590J 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP EDUC PSYCH C I 590K 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP SOCIAL STDI C I 590L 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP LITERACY ED C I 590M 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

FIELD EXP SECND SCI C I 591D 1–4 CREDITS
Prereq: GRADUATE CREDITS IN SPECIALITY AREA; FULL ADMISSION TO TEACHER EDUCATION PROGRAM
Note: COURSE OFFERED FOR 2 CREDITS SPRING 2018.
5058005 1 ARRANGED
MEETS: JAN 8–MAY 4
Note: SEC 2A FOR STUDENTS TEACHING INSIDE CENTRAL IOWA
5058010 2 ARRANGED
MEETS: JAN 8–MAY 4

EXPERC: SECCD MATH ED C I 591G 1–4 CREDITS
Prereq: GRADUATE CREDITS IN SPECIALITY AREA; FULL ADMISSION TO TEACHER EDUCATION PROGRAM
Note: OFFERED FOR 2–4 CREDITS SPRING 2018
2017005 1 ARRANGED
MEETS: JAN 8–MAY 4
Note: Instructor permission required.
2017010 2 ARRANGED
MEETS: JAN 8–MAY 4
Note: Instructor permission required.

SUPV EXPERC: LITERACY C I 591M 1–6 CREDITS
Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA
Note: OFFERED FOR 2 CREDITS SPRING 2018
9156005 1 ARRANGED
MEETS: JAN 8–MAY 4

CURRIC THEORV PRIN C I 594 3 CREDITS
Prereq: GRADUATE STANDING
2816005 1 ARRANGED
MEETS: JAN 8–MAY 4

CRTV COMP CURRICULM C I 599A 1–3 CREDITS
Prereq: GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CR COMP DIGITL LRNG C I 599B 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CRT COMP SCIENCE ED C I 599C 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SECONDR ED C I 599D 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CR COMP MULTICUL ED C I 599F 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP MATH EDUC C I 599G 1–3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
DATA SCIENCE

DATA ACQUISITION & EXPLORATION

PreReq: DS 201X

10-3 CREDITS

Note: See Dept for Reference Numbers

Note: Instructor permission required 1st week.

Design

DESIGN THINKING

PreReq: DES 105 OR DES 115 OR DES 165 OR DES 240

3 CREDITS

Note: Instructor permission required 1st week.

Design Studio

DESIGN STUDIO I

PreReq: DES 100X

4 CREDITS

Note: Instructor permission required 1st week.

Design Studies

DESIGN STUDIES

PreReq: 2 CR IN DESIGN, ADVANCE REGISTRATION REQ'D

1-3 CREDITS

Note: Instructor permission required 1st week.

Note: Instructor permission required 1st week.

Note: Instructor permission required 1st week.
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**Instructor permission required 1st week.**

**MAJORS OTHER THAN IN THE COLLEGE OF DESIGN.**

**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.**

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**DESIGN STUDIES (CONTINUED)**

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**Prereq: MEMBER OF DESIGN COLLABORATIVE LEARNING COMMUNITY**

**Satisfactory-Fail Only.**
SPRING 2018

DESIGN STUDIES (CONTINUED)

INDEP STDY ENTREPREN DSN S 490E 1-4 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
CHAIR ON REQUIRED FORM PRIOR TO SEMESTER OF ENROLLMENT
****** 
SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY SOC/BEHAV DSN S 490F 1-4 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
CHAIR ON REQUIRED FORM PRIOR TO SEMESTER OF ENROLLMENT
****** 
SEE DEPT FOR REFERENCE NUMBERS

SPL TP ITALIAN CULT DSN S 491 2 CREDITS
Enrollment in the college of design Rome
6821800 IT ARRANGED SCHNEIDER P
Note: SEC IT TAU gh ITALY. 'COLLEGE OF DESIGN IN ROMe, ARCHITECTURE, SPRING 2018. OFFERED FOR 1 CREDIT
Study abroad Administrative Fee Applies

INTERDIS DSN STUDIO DSN S 546 4-6 CREDITS
Prereq: GRADUATE OR SENIOR STANDING IN THE COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR
2878005 1 MWF 1:10-5:20 NAEGLE D
ARRANGED NAEGLE D
MEETS: JAN-SEPT 5
2878010 2 MWF 1:10-5:20, ARRANGED DRINKWATER J
ARRANGED DRINKWATER J
MEETS: JAN-SEPT 5
2878015 3 MWF 1:10-5:20 LESLIE T
ARRANGED LESLIE T
MEETS: JAN-SEPT 5
2878020 4 MWF 1:10-5:20 
ARRANGED
MEETS: JAN-SEPT 5
Note: SEC 4 TOPIC: HEALTH, HEALTHY HEALING & WELLNESS OFFERED FOR 4 CREDITS
2878025 5 MWF 1:10-4:00 
ARRANGED
MEETS: JAN-SEPT 5
2878030 6 MWF 1:10-5:20 GOCHE P
ARRANGED GOCHE P
MEETS: JAN-SEPT 5
Note: SEC 6 TOPIC: BLACK CONTEMPORARY: MURAL DESIGN 3! FOOD ART. OFFERED FOR 6 CREDITS
2878035 7 MWF 1:10-5:20 LEE S
ARRANGED LEE S
MEETS: JAN-SEPT 5
2878040 8 MWF 1:10-5:20 SQUIRE M
ARRANGED SQUIRE M
MEETS: JAN-SEPT 5
2878045 9 MWF 1:10-5:20 DOYLE S
ARRANGED DOYLE S
MEETS: JAN-SEPT 5
2878050 10 MWF 1:10-5:20 
ARRANGED
MEETS: JAN-SEPT 5
Note: SEC IT TAU gh ITALY. 'COLLEGE OF DESIGN IN ROMe, ARCHITECTURE, SPRING 2018. OFFERED FOR 6 CREDITS
Materials, field trips &/or travel fee $250.00-$950.00
Study abroad Administrative Fee Applies
2878055 11 MWF 1:10-5:20 CLAENDENEN B
ARRANGED CLAENDENEN B
MEETS: JAN-SEPT 5
2878060 12 MWF 1:10-5:20 PAXSON L
ARRANGED PAXSON L
MEETS: JAN-SEPT 5
2878065 13 MWF 1:10-5:20 STEVENS J
ARRANGED STEVENS J
MEETS: JAN-SEPT 5
2878070 14 MWF 1:10-5:20 MUECKE M
ARRANGED MUECKE M
MEETS: JAN-SEPT 5
2878075 15 MWF 1:10-5:20 BILICK K
ARRANGED BILICK K
MEETS: JAN-SEPT 5
2878080 16 TR 8:00-1:00, ARRANGED WHITEHEAD R
ARRANGED WHITEHEAD R
MEETS: JAN-SEPT 5
2878085 17 MWF 1:10-5:20 
ARRANGED
MEETS: JAN-SEPT 5
2878090 18 MWF 1:10-5:20 
ARRANGED
MEETS: JAN-SEPT 5
2878095 19 MWF 1:10-5:20 
ARRANGED
MEETS: JAN-SEPT 5
SPECIAL TOPICS DSN S 590 1-4 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQUIRED FORM PRIOR TO SEMESTER OF ENROLLMENT
****** 
SEE DEPT FOR REFERENCE NUMBERS

ECONOMICS, EVOLUTION & ORGANISMAL BIOLOGY

ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY

ADV ANIMAL BEHAVIOR EEOB 507 3 CREDITS
Prereq: GRAD STANDING, BIOL 354, OR INSTR PERMISS
7117005 TR 11:10-2:30 TOHT A
MEETS: JAN-SEPT 5
CONSERVATION BIOLOGY EEOB 531 3 CREDITS
Prereq: BIOL 212, BIOL 212L, OR GRADUATE STANDING
2878000 TR 9:30-10:50
MEETS: JAN-SEPT 5
INTRO PROTEIN TECHNIQ EEOB 542B 1 CREDIT
Prereq: WRITTEN APPROVAL OF INSTRUCTOR.
Satisfactory-Fail Only
6957005 TR 11:00-1:00
MEETS: JAN-SEPT 5
INTRO CELL TECHNIQS EEOB 542C 1 CREDIT
Prereq: WRITTEN APPROVAL OF INSTRUCTOR.
Satisfactory-Fail Only
7119005 TR 11:00-1:00
MEETS: JAN-SEPT 5
BRYOPHYT&LICHN DVRS EEOB 555 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR.
Satisfactory-Fail Only
8952005 MR 4:10-6:30PM
MEETS: JAN-SEPT 5
1163005 WF 1:10-3:30
MEETS: JAN-SEPT 5
MOLEC PHYGENOGENICS EEOB 563 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR.
Satisfactory-Fail Only
6957005 TR 11:00-1:00
MEETS: JAN-SEPT 5
CONSERVATION BIOLOGY EEOB 531 3 CREDITS
Prereq: BIOL 212, BIOL 212L, OR GRADUATE STANDING
2878000 TR 9:30-10:50
MEETS: JAN-SEPT 5
INTRO PROTEIN TECHNIQ EEOB 542B 1 CREDIT
Prereq: WRITTEN APPROVAL OF INSTRUCTOR.
Satisfactory-Fail Only
6957005 TR 11:00-1:00
MEETS: JAN-SEPT 5
INTRO CELL TECHNIQS EEOB 542C 1 CREDIT
Prereq: WRITTEN APPROVAL OF INSTRUCTOR.
Satisfactory-Fail Only
7119005 TR 11:00-1:00
MEETS: JAN-SEPT 5
BRYOPHYT&LICHN DVRS EEOB 555 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR.
Satisfactory-Fail Only
8952005 MR 4:10-6:30PM
MEETS: JAN-SEPT 5
1163005 WF 1:10-3:30
MEETS: JAN-SEPT 5
MOLEC PHYGENOGENICS EEOB 563 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR.
Satisfactory-Fail Only
6957005 TR 11:00-1:00
MEETS: JAN-SEPT 5
WETLAND ECOLOGY EEOB 564 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR.
Satisfactory-Fail Only
7117005 MF 10:00-12:15
MEETS: JAN-SEPT 5
ADV ECOLOGY EEOB 578 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR.
Satisfactory-Fail Only
2132005 TR 8:00-9:15
MEETS: JAN-SEPT 5
SPCL TOPICS ECOLOGY EEOB 590A 1-3 CREDITS
Prereq: GRAD STANDING, BIOL 354, OR INSTR PERMISS
****** 
SEE DEPT FOR REFERENCE NUMBERS
SPCL TOP EVOLUT BIOI EEOB 590B 1-3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR.
Satisfactory-Fail Only
2132005 TR 8:00-9:15
MEETS: JAN-SEPT 5
CREATIVE COMPONENT EEOB 599 1-3 CREDITS
****** 
SEE DEPT FOR REFERENCE NUMBERS

DIETETICS

NUTR ASPECTS ONCOLOGY DIET EEOB 597 2 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR.
Satisfactory-Fail Only
4267005 TR 11:00-1:00
MEETS: JAN-SEPT 5
MACDONALD R

ECOLOGY & EVOLUTIONARY BIOLOGY

SPECIAL TOPICS EEB 590 1-3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR.
Satisfactory-Fail Only
6957005 TR 11:00-1:00
MEETS: JAN-SEPT 5
SEMINAR EEB 698 1 CREDIT
MEETS: JAN-SEPT 5
RESEARCH EEB 699 1-3 CREDITS
Satisfactory-Fail Only
Satisfactory-Fail Only
## ECONOMICS

### ECONOMICS (CONTINUED)

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<td>MEETS: JAN 8-MAY 4</td>
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<tr>
<td>PRIN MACROECONOMICS</td>
<td>ECON 102</td>
<td>3 CREDITS</td>
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<tr>
<td>3099005</td>
<td>1 TR 9:30-10:50</td>
<td>MEETS: JAN 8-MAY 4</td>
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<td>3099020</td>
<td>4 TR 9:30-10:50</td>
<td>MEETS: JAN 8-MAY 4</td>
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<td>3099025</td>
<td>5 TR 12:40-2:00</td>
<td>MEETS: JAN 8-MAY 4</td>
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<td>3099030</td>
<td>6 TR 2:10-3:25</td>
<td>MEETS: JAN 8-MAY 4</td>
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<td>3099035</td>
<td>7 TR 2:10-3:30</td>
<td>MEETS: JAN 8-MAY 4</td>
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<tr>
<td>ORIENTATION AG BUSI</td>
<td>ECON 110</td>
<td>1 CREDIT</td>
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<tr>
<td>3172005</td>
<td>1 TR 2:10-3:00</td>
<td>MEETS: JUNE 8-MAY 2</td>
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<td>APPL ECON OPTIMIZT</td>
<td>ECON 207</td>
<td>3 CREDITS</td>
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<td>2753005</td>
<td>1 MW 12:10-1:00</td>
<td>MEETS: JAN 8-MAY 4</td>
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<td>2753010</td>
<td>2 MW 12:10-1:00</td>
<td>MEETS: JAN 8-MAY 4</td>
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<td>2753015</td>
<td>3 MW 12:10-1:00</td>
<td>MEETS: JAN 8-MAY 4</td>
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<tr>
<td>FARM BUSINESS MGT</td>
<td>ECON 230</td>
<td>3 CREDITS</td>
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<td>3177005</td>
<td>1 MW 9:00-9:50</td>
<td>MEETS: JAN 8-MAY 4</td>
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<td>3177010</td>
<td>2 MW 9:00-9:50</td>
<td>MEETS: JAN 8-MAY 4</td>
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### ECONOMICS (CONTINUED)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
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<th>Time and Location</th>
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<td>ECON 371</td>
<td>4 CREDITS</td>
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<tr>
<td>2790005</td>
<td>1 MW 9:00-9:50</td>
<td>MEETS: JAN 8-MAY 4</td>
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**Note:** COURSE RESTRICTED TO AG B, BUSEC, ECON MAJORS

**Prereq:** MATH 151, MATH 160, MATH 165 OR APPL ECON OPTIMIZTN

**Course delivery is WWW**

**Note:** Instructor permission required.
ECONOMICS (CONTINUED)

RETIREM PLN&BENEFITS ECON 378 3 CREDITS
Prereq: 3 CR PRIN OF ECONOMICS, 3 CR IN HD FS
Note: Meets international perspectives reqmt
MEETS: JAN 8-MAY 4
5750005 1 MWF 2:10-3:00 GUDMUNSON C
MEETS: JAN 8-MAY 4
ENERGY&ENVIRON ECON 380 3 CREDITS
Prereq: ECON 300
9180005 1 TR 11:00-12:15 MEETS: JAN 8-MAY 4
ECONOMIC DEVELOPMENT ECON 385 3 CREDITS
Prereq: ECON 301, ECON 410
Note: Meets international perspectives reqmt
3140005 1 TR 12:45-1:00 MEETS: JAN 8-MAY 4
COOPERATIVE EDUC ECON 398 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
Note: Permission of adviser required.
4835005 1 ARRANGED MEETS: JAN 8-MAY 4
INDUSTRIAL ORGANIZN ECON 416 3 CREDITS
Prereq: ECON 301
3184005 1 TR 9:30-10:45 MEETS: JAN 8-MAY 4
INTRO GAME THEORY ECON 418 3 CREDITS
Prereq: ECON 301
9091005 1 TR 1:10-2:00 MEETS: JAN 8-MAY 4
ANALYSIS FOOD MRKTS ECON 435X 3 CREDITS
Prereq: STAT 226, ECON 235, ECON 301
9815005 1 TR 10:00-10:50 MEETS: JAN 8-MAY 4
INTERNATIONAL FINANCE ECON 457 3 CREDITS
Prereq: ECON 302 Note: Meets international perspectives reqmt
5250005 1 TR 11:00-12:15 MEETS: JAN 8-MAY 4
AGRICULTURAL FINANCE ECON 466 3 CREDITS
Prereq: STAT 226, FIN 301 AND ECON 353 (RECOMMENDED)
3183005 1 TR 11:00-2:00 MEETS: JAN 8-MAY 4
INDEPENDENT STUDY ECON 490 1-5 CREDITS
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
Note: Meets international perspectives reqmt
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS
IND STY 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 THE TOTAL CREDITS REQUIRED FOR 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.
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS
GRADUATING SR SURVEY ECON 492 R CREDIT
Prereq: GRADUATING SENIOR Satisfactory-Fail Only
MEETS: JAN 8-MAY 4
Section info: http://www.econ.iastate.edu/programs /course/defaultcourseinfo.asp
6208005 1 R 4:10-5:00 MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO AG B MAJORS ONLY
6208100 2 R 4:10-5:00 MEETS: JAN 8-MAY 4
Note: SEC 2 RESTRICTED TO BUSSEC MAJORS ONLY
620815 3 R 4:10-5:00 MEETS: JAN 8-MAY 4
Note: SEC 3 RESTRICTED TO ECON MAJORS ONLY
ECON DOMESTIC TRAVEL ECON 495 1-3 CREDITS
Prereq: SOPHOMORE STATUS, INSTRUCTOR PERMISSION
Note: DOMESTIC TRAVEL IN THE MIDWEST
9444005 MW 3:10-4:30, ARRANGED MEETS: JAN 8-MAY 4
ECONOMICS (CONTINUED)

ECON TRAVEL COURSE ECON 496 1-3 CREDITS
Prereq: SOPHOMORE STATUS, PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt
5225800 AR ARRANGED LUVAGA E
MEETS: MARCH 9-18
Note: SEC AR TAUGHT IN ARGENTINA. TOPIC: AGRICULTURAL PRODUCTION, BUSINESS AND TRADE IN ARGENTINA. SPRING 2018 - TRAVEL MARCH 9-18 VARIABLE CREDITS 1-2.
Study Abroad Administrative Fee Applies
5255800 UK ARRANGED ALEXANDER T MEETS: JAN 8-MAY 18
Note: SEC UK TAUGHT IN EDINBURGH, SCOTLAND & LONDON, ENGLAND. SPRING BREAK IN ENGLAND & SCOTLAND: BREXIT - THE BRITISH VOTE TO EXIT FROM THE EU, HISTORY & POSSIBLE OUTCOMES.
STUDY ABROAD SPRING 2018. OFFERED FOR 3 CREDITS TRAVEL MARCH 8-18
Study Abroad Administrative Fee Applies
COOPERATIVE EDUC ECON 498 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
Note: Permission of adviser required.
4836005 1 ARRANGED MEETS: JAN 8-MAY 4
EXPERIMENTAL ECONOMICS ECON 510 3 CREDITS
Prereq: ECON 501 OR ECON 601
4909005 M 6:10-9:00 PM MEETS: JAN 8-MAY 4
PUBLIC ECONOMICS ECON 545 3 CREDITS
Prereq: ECON 501 OR ECON 601
3170005 1 TR 2:10-3:25 MEETS: JAN 8-MAY 4
INTERNATIONAL ECONOMETRICS ECON 571 3 CREDITS
Prereq: ECON 500
9077005 1 MF 10:00-10:50 MEETS: JAN 8-MAY 4
Section info: http://www.econ.iastate.edu/programs /course/defaultcourseinfo.asp
SPECIAL TOPICS ECON 590 1-5 CREDITS
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS
CREATIVE COMPONENT ECON 599 1-5 CREDITS
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS
MICROECON ANALYSIS II ECON 603 4 CREDITS
Prereq: ECON 601, ECON 602 AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION
3125005 1 TR 9:30-11:20 F 3:10-5:00 MEETS: JAN 8-MAY 4
Section info: http://www.econ.iastate.edu/programs /course/defaultcourseinfo.asp
ADV MACROECON ANALYS ECON 604 4 CREDITS
Prereq: ECON 601, ECON 602 AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION
3156005 1 MW 1:10-3:00 P 1:10-3:00 MEETS: JAN 8-MAY 4
THEORET INDUS ORGNZ ECON 615 3 CREDITS
Prereq: ECON 603
2937005 1 TR 11:00-2:00 MEETS: JAN 8-MAY 4
AGRICULTURAL ECON II ECON 642 3 CREDITS
3144005 1 TR 11:00-12:15 MEETS: JAN 8-MAY 4
INTERNATIONAL FINANCE ECON 657 3 CREDITS
Prereq: ECON 602
3141005 1 T 5:10-8:00 PM MEETS: JAN 8-MAY 4
ECONOMETRICS II ECON 672 4 CREDITS
Prereq: ECON 671
3146005 1 MW 11:00-12:50 F 11:00-12:50 MEETS: JAN 8-MAY 4
MICROECONOMETRICS ECON 673 3 CREDITS
Prereq: ECON 672, ECON 601
7404005 1 MW 8:00-9:15 MEETS: JAN 8-MAY 4
ADV RESOURCE ECON ECON 680 3 CREDITS
3204005 1 TR 9:30-10:45 MEETS: JAN 8-MAY 4
ADVANCED TOPICS ECON 690 1–5 CREDITS
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS
THIRD-YEAR PAPER ECON 691 3 CREDITS
Satisfactory-Fail Only.
5334005 1 ARRANGED
MEETS: JAN 8–MAY 4
WORKSHOP ECON 693 3 CREDITS
Satisfactory-Fail Only.
8649005 1 ARRANGED
MEETS: JAN 8–MAY 4
RESEARCH ECON 699 VAR. CREDITS
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION

SPECIAL TOPICS EDADM 590 1–4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
CREATV COMPN DEVEL EADM 599 1–3 CREDITS
Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
****** SEE DEPT FOR REFERENCE NUMBERS
ADV SPECIAL TOPICS EADM 690 1–3 CREDITS
Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
****** SEE DEPT FOR REFERENCE NUMBERS
CLINCL DILEMM PROCT EADM 691 1–3 CREDITS
Prereq: EADM 541, ADMISSION TO PROGRAM, INSTR APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS
DISSESSRN RESEARCH EADM 699 VAR. CREDITS
****** 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
8998005
T 5:10–6:20PM
MEETS: JAN 8–MAY 4
CRITCL RACE THEORY EL PS 624 3 CREDITS
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018
2658005
W 5:10–6:20PM
MEETS: JAN 8–MAY 4
EDUCATN POLICY&ANLY EL PS 630X 3 CREDITS
Prereq: ADVANCED GRADUATE STANDING
9954005
1 T 5:10–6:20PM
MEETS: JAN 8–MAY 4

ELECTRICAL ENGINEERING

PRO PROG ORIENTATN E 166 R CREDIT
Note: COURSE RESTRICTED TO E E AND CPR E MAJORS ONLY.
2887005 A T 2:10–3:00
MEETS: JAN 8–MAY 4
2887010 B T 3:10–4:00
MEETS: JAN 8–MAY 4
2887015 C R 2:10–3:00
MEETS: JAN 8–MAY 4
INTR EE&PROB SOLV I EE 185 3 CREDITS
Prereq: MATH 163 OR Satisfactory Scores on MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR ENROLLMENT IN MATH 165
3880005 A TR 9:00–9:50
W 4:10–6:00PM
MEETS: JAN 8–MAY 4
3880010 B TR 9:00–9:50
R 12:10–1:00
MEETS: JAN 8–MAY 4
ELECTRIC CIRCUITS E E 201 4 CREDITS
Prereq: CR OR ENROLLMENT IN MATH 267 AND PHYS 222
Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
2120005 A MF 10:00–10:50
T 2:10–3:00
MEETS: JAN 8–MAY 4
2120010 B MF 10:00–10:50
R 8:00–9:00
MEETS: JAN 8–MAY 4
2120015 C MF 10:00–10:50
W 2:10–3:00
MEETS: JAN 8–MAY 4
2120020 D MF 10:00–10:50
W 11:00–12:00
MEETS: JAN 8–MAY 4
2120025 E MF 10:00–10:50
R 5:10–6:00PM
MEETS: JAN 8–MAY 4
2120030 F MF 10:00–10:50
F 9:00–10:00
MEETS: JAN 8–MAY 4
2120035 G MF 10:00–10:50
F 1:10–2:00
MEETS: JAN 8–MAY 4
SIGNALS & SYSTEMS I E E 224 4 CREDITS
Prereq: E E 201, MATH 267, PHYS 222
5064005 A TR 4:10–5:30
T 1:10–2:00
MEETS: JAN 8–MAY 4
5064010 B TR 4:10–5:30
T 11:00–12:00
MEETS: JAN 8–MAY 4
5064015 C TR 4:10–5:30
F 8:00–9:00
MEETS: JAN 8–MAY 4
5064020 D TR 4:10–5:30
F 1:10–2:00
MEETS: JAN 8–MAY 4
ELECTRON CIRCTS&DYS E E 230 4 CREDITS
Prereq: E E 201, MATH 267, PHYS 222
4639005 A MF 4:10–5:00
T 8:00–9:00
MEETS: JAN 8–MAY 4
4639010 B MF 4:10–5:00
T 11:00–12:00
MEETS: JAN 8–MAY 4
4639015 C MF 4:10–5:00
T 5:10–6:00PM
MEETS: JAN 8–MAY 4
4639020 D MF 4:10–5:00
W 8:00–9:00
MEETS: JAN 8–MAY 4
4639025 E MF 4:10–5:00
W 5:10–6:00PM
MEETS: JAN 8–MAY 4
4639030 F MF 4:10–5:00
R 11:00–12:00
MEETS: JAN 8–MAY 4
4639035 G MF 4:10–5:00
F 12:10–1:00
MEETS: JAN 8–MAY 4
4639040 H MF 4:10–5:00
W 11:00–12:00
MEETS: JAN 8–MAY 4
TRANSFER ORIENTATN E E 261 R CREDIT
9197005
1 T 11:00–12:00
MEETS: JAN 8–MAY 4
PROB SOLV MTHD&TOOL E E 285 4 CREDITS
Prereq: E E 185, PERMISSION OF THE INSTRUCTOR
2505005 A MF 12:10–1:00
T 8:00–9:00
MEETS: JAN 8–MAY 4
2505010 B MF 12:10–1:00
T 4:10–5:00
MEETS: JAN 8–MAY 4
2505015 C MF 12:10–1:00
W 8:00–9:00
MEETS: JAN 8–MAY 4
2505020 D MF 12:10–1:00
W 10:00–11:00
MEETS: JAN 8–MAY 4
2505025 E MF 12:10–1:00
R 3:10–4:00
MEETS: JAN 8–MAY 4
2505030 F MF 12:10–1:00
T 6:10–8:00PM
MEETS: JAN 8–MAY 4
PROGRAM DISCOVERY E E 294 R CREDIT
Prereq: E E 166 or CPR E 166
Note: SEC A1, B1 RESTRICTED TO CPR E MAJORS ONLY. SEC A2, B2 RESTRICTED TO E E MAJORS ONLY.
Satisfactory-Fail Only.
5380005 A1 M 1:10-2:00 MEETS: JAN 8-MAY 4
5380010 A2 M 1:10-2:00 MEETS: JAN 8-MAY 4
5380015 A3 M 1:10-2:00 MEETS: JAN 8-MAY 4
5380020 B1 F 3:10-4:00 MEETS: JAN 8-MAY 4
5380025 B2 F 3:10-4:00 MEETS: JAN 8-MAY 4
5380030 B3 F 3:10-4:00 MEETS: JAN 8-MAY 4

ENERGY SYSP&WPR ELTRN E E 303 3 CREDITS
Prereq: MATH 261, PHYS 222; CREDIT OR ENROLLMENT IN E E 224 AND ELECTRICAL ENGINEERING 330.
3415005 TR 10:30-11:30 MEETS: JAN 8-MAY 4

ELECTROM FL&D WAVES E E 311 4 CREDITS
Prereq: E E 201, MATH 265, PHYS 222, CREDIT OR ENROLLMENT IN MAT 265.
2889005 MW 10:00-11:00 PM MEETS: JAN 8-MAY 4

ELECTMAG NON-EL ENG E E 314 3 CREDITS
Prereq: PHYS 222, E E 112, OR EQUIVALENT
8652005 MW 3:30-4:30 MEETS: JAN 8-MAY 4

PROBAB MTH,ELEC ENG E E 322 3 CREDITS
Prereq: E E 244
3424005 MWF 12:10-1:00 MEETS: JAN 8-MAY 4

SIGNALS &SYSTEMS II E E 324 4 CREDITS
Prereq: E E 244
2192005 A MWF 2:10-3:00 MEETS: JAN 8-MAY 4
2192010 B MWF 2:10-3:00 MEETS: JAN 8-MAY 4
2192015 C MWF 2:10-3:00 W 3:10-4:00 PM MEETS: JAN 8-MAY 4

INTEGRATED ELECTRNCYS E E 330 4 CREDITS
Prereq: E E 201, CREDIT OR ENROLLMENT IN E E 230, CPR E 281
5635005 A MWF 9:00-9:50 MEETS: JAN 8-MAY 4
5635010 B MWF 9:00-9:50 MEETS: JAN 8-MAY 4
5635015 C MWF 9:00-9:50 W 3:10-4:00 PM MEETS: JAN 8-MAY 4
5635020 D MWF 9:00-9:50 F 11:00-12:00 MEETS: JAN 8-MAY 4

SEMICON MTL& SDEVIC 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 410.
2195005 TR 12:40-2:00 MEETS: JAN 8-MAY 4

ANALYS ENERGY SYSTM E E 351 3 CREDITS
Prereq: PHYS 222
8412005 MWF 4:00-5:00 MEETS: JAN 8-MAY 4

PROGRAM EXPLORATION E E 394 R CREDIT
Prereq: E E 294 OR CPR E 294
Note: SEC A1, B1 RESTRICTED TO CPR E MAJORS ONLY. SEC B2, C2 RESTRICTED TO E E MAJORS ONLY.
Satisfactory-Fail Only.
5403005 A1 M 1:10-2:00 MEETS: JAN 8-MAY 4
5403010 A2 M 1:10-2:00 MEETS: JAN 8-MAY 4
5403015 A3 M 1:10-2:00 MEETS: JAN 8-MAY 4
5403020 B1 F 3:10-4:00 MEETS: JAN 8-MAY 4
5403025 B2 F 3:10-4:00 MEETS: JAN 8-MAY 4
5403030 B3 F 3:10-4:00 MEETS: JAN 8-MAY 4

COOPERATIVE EDUC E E 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

**** SEE DEPT. FOR REFERENCE NUMBERS

ELMAG RAD,ANT,N PRG E E 417 4 CREDITS
2900005 A MWF 11:10-12:10 PM MEETS: JAN 8-MAY 4
2900010 B MWF 11:10-12:10 PM MEETS: JAN 8-MAY 4

COMMUNIT SYSTEMS II E E 422 3 CREDITS
Prereq: E E 321 AND ENROLLMENT IN E E 423
2902005 TR 12:40-2:00 PM MEETS: JAN 8-MAY 4

COMMUNIT SYSTEMS LAB E E 423 1 CREDIT
Prereq: E E 421; ENROLLMENT IN E E 423
2903005 A W 5:30-8:00 PM MEETS: JAN 8-MAY 4

INT DGT SIGNL PROC E E 424 4 CREDITS
Prereq: E E 321
7977005 A TR 11:00-12:00 PM MEETS: JAN 8-MAY 4

MICROELEC FABRICATN E E 432 4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN E E 332
9222005 MWF 11:30-1:00 AM ARRANGED MEETS: JAN 8-MAY 4

ANALOG VLSI CIRC DSN E E 435 4 CREDITS
Prereq: E E 324, E E 330, E E 332, AND E E 322 OR STAT 330
2906005 A MWF 10:00-11:00 AM MEETS: JAN 8-MAY 4
2906010 B MWF 10:00-11:00 AM MEETS: JAN 8-MAY 4
2906015 C MWF 10:00-11:00 AM R 11:00-12:00 PM MEETS: JAN 8-MAY 4

ELECTRN PROP MATRLS E E 437X 3 CREDITS
Prereq: E E 332 OR MAT E 317 OR PHYSICS 322
9874005 TR 12:40-2:00 PM MEETS: JAN 8-MAY 4

OPTIONAL DEV & APP E E 438 3 CREDITS
Prereq: E E 311, E E 332
7182005 MWF 11:00-12:00 PM MEETS: JAN 8-MAY 4

INTR CIRCT&INSTRM E E 442 2 CREDITS
Prereq: PHYS 222, MATH 267
Note: COURSE RESTRICTED TO ENGR & PHYS MAJORS OTHER THAN E E AND CPR E. CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR E E 442 MAY NOT BE APPLIED TOWARD A DEGREE IN EITHER E E OR CPR E.
4723005 A MF 4:10-5:00 PM T 8:00-9:30 AM MEETS: JAN 8-MARCH 2
4723010 B MF 4:10-5:00 PM R 5:10-7:00 PM MEETS: JAN 8-MARCH 2
4723015 C MF 4:10-5:00 PM F 2:10-4:00 PM MEETS: JAN 8-MARCH 2
4723020 D MF 4:10-5:00 PM F 8:00-9:50 PM MEETS: JAN 8-MARCH 2
4723025 E MF 4:10-5:00 PM R 3:10-5:00 PM MEETS: JAN 8-MARCH 2
4723030 F MF 4:10-5:00 PM F 12:10-2:00 PM MEETS: JAN 8-MARCH 2
4723035 G MF 4:10-5:00 PM F 10:00-11:50 AM MEETS: JAN 8-MARCH 2
4723040 H MF 4:10-5:00 PM R 11:00-12:50 AM MEETS: JAN 8-MARCH 2
4723045 I MF 4:10-5:00 PM S 7:10-9:00 AM MEETS: JAN 8-MARCH 2
4723050 J MF 4:10-5:00 PM W 10:00-11:50 AM MEETS: JAN 8-MARCH 2
4723055 K MF 4:10-5:00 PM T 10:00-11:50 AM MEETS: JAN 8-MARCH 2
4723060 L MF 4:10-5:00 PM W 8:00-9:50 PM MEETS: JAN 8-MARCH 2
4723065 M MF 4:10-5:00 PM R 11:30-1:00 PM MEETS: JAN 8-MARCH 2
**ELECTRICAL ENGINEERING (CONTINUED)**

**INTR CIRCUIT4 INSTRM E E 442 2 CREDITS**

<table>
<thead>
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<td>4723070</td>
<td>Q</td>
<td>MWF 4:10-5:00</td>
<td>T 2:10-4:00</td>
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<td>4723075</td>
<td>R</td>
<td>MWF 4:10-5:00</td>
<td>W 6:10-8:00PM</td>
</tr>
<tr>
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**INTRO AC CIRCUIT4 MOTOR E E 448 2 CREDITS**

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**ENGINEERING ACOUSTICS E E 451 3 CREDITS**

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**ELECTRI MACHINADRV E E 452 3 CREDITS**

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**POWER SYST ANALY II E E 457 3 CREDITS**

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**MULTIDISC ENGR DSGN E E 466 3 CREDITS**

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ELECTRICAL ENGINEERING (CONTINUED)

TOPICS IN COMMUNICS E E 520 3 CREDITS
7695005 MW 11:00-12:20
MEETS: JAN 8-MAY 4
RAN D PROC COMMUSIG E E 523 3 CREDITS
7358005 A TR 9:30-10:50
MEETS: JAN 8-MAY 4
DATA ANALYTIC ELECPFR E E 525X 3 CREDITS
9991005 MW 4:10-5:30
MEETS: JAN 8-MAY 4
DETECT&ESTIM THEORY E E 527 3 CREDITS
Prereq: E E 422
2940005 TR 2:10-3:30
MEETS: JAN 8-MAY 4
MICROELEC TCHQ E E 532 4 CREDITS
Prereq: PHYS 222, MATH 265, E E 332 OR MAT E 331
RECOMMENDED
8880005 MW 12:10-1:00
ARRANGED
MEETS: JAN 8-MAY 4
PHYS SEMICOND DEVIC E E 536 3 CREDITS
2942005 MW 5:40-7:00PM
MEETS: JAN 8-MAY 4
ELECR PROP MATRLS E E 537X 3 CREDITS
Prereq: E E 332 OR MAT E 317 OR PHYS 322
9872005 TR 12:40-2:00
MEETS: JAN 8-MAY 4
OPTOEEL DEVICESAPP E E 538 3 CREDITS
Prereq: E E 311 OR E E 332
3517005 MWF 11:00-11:50
MEETS: JAN 8-MAY 4
POWER SYST DYNAMICS E E 554 3 CREDITS
2947005 MW 12:10-1:00
MEETS: JAN 8-MAY 4
SYST ENGR &ANALYSIS E E 565 3 CREDITS
Prereq: COURSE WORK IN BASIC STATISTICS
Note: I E MAJORS MAY NOT APPLY CREDIT IN I E/E AER E 565 TOWARD DEGREE REQUIREMENTS
8931005 A TR 11:00-12:20
MEETS: JAN 8-MAY 4
8931010 B TR 11:00-12:20
MEETS: JAN 8-MAY 4
OPTIMAL CONTROL E E 574 3 CREDITS
Prereq: E E 577
2952005 TR 2:10-3:30
MEETS: JAN 8-MAY 4
DIGIT FEEDBACK CNTRL E E 576 3 CREDITS
Prereq: E E 475 OR AER E 432 OR M E 411 OR
MATH 415, AND MATH 267
2953005 TR 2:10-3:30
MEETS: JAN 8-MAY 4
NONLINEAR SYSTEMS E E 578 3 CREDITS
Prereq: E E 578
2955005 MW 4:10-5:30
MEETS: JAN 8-MAY 4
SURV REMOTE SNS TEC E E 589 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
SCIENCES OR ENGINEERING
9758005 TR 9:30-10:50
MEETS: JAN 8-MAY 4
SATELL RMT SENS LAB E E 589L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN MTEOR 489
OR MTEOR 589 OR GEOI 489 OR GEOI 589 OR NREM 489
OR NREM 589 OR E E 489 OR E E 589
3759005 1 R 11:00-1:50
MEETS: JAN 8-MAY 4
SPL TOP ELECMAG TWD 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 COMM SYS E E 590C 1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP COMPR ENGR E E 590E 1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP ELEC PWR E E 590F 1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP ELEC MTRLS E E 590G 1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
SP TOP EL DEVC&GIR E E 590H 1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
SEMN ELEC POWER E E 594 1-3 CREDITS
Note: COURSE OFFERED FOR 1 CREDIT SPRING 2018.
2964005 A T 11:00-2:00
MEETS: JAN 8-MAY 4
SEMN COMM&SIGNL PROC E E 597 1 CREDIT
Note: COURSE RESTRICTED TO E CPE MAJORS ONLY.
7542005 A ARRANGED
MEETS: JAN 8-MAY 4
CREATIVE COMPONENT E E 599 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
ADV TOP ELE PWR SYS E E 653 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
2981005 TR 2:10-3:30
MEETS: JAN 8-MAY 4
ENGINEERG INTERNSHP E E 697 3 CREDITS
Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF
STUDENT SERVICES.
Satisfactory-Fail Only.
5716005 ARRANGED
MEETS: JAN 8-MAY 4
Note: Department permission required.
RESEARCH E E 699 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
ELECTRICAL ENGINEERING (CONTINUED)

ENGINEERING

ENGINEERING ORIENTN ENGR 101 R CREDIT
Satisfactory-Fail Only.
3788005 A T 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC A FOR MAJORS OTHER THAN AER E, CH E, C E, CON, E, CPR E, E E, M E, S E
3788010 B R 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC B RESTRICTED TO CPR E, E E AND S E MAJORS
3788015 C T 8:00-8:50
MEETS: JAN 8-MAY 4
Note: SEC C RESTRICTED TO M E TRANSFERS MAJORS ONLY.
3788020 D W 10:00-10:50
MEETS: JAN 8-MAY 4
Note: SEC D RESTRICTED TO C E MAJORS ONLY
3788025 E F 10:00-10:50
MEETS: JAN 8-MAY 4
Note: SEC E RESTRICTED TO AER E MAJORS
3788030 F T 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC F RESTRICTED TO CPR E, E E AND S E MAJORS
3788035 G W 2:10-3:00
MEETS: JAN 8-MAY 4
Note: SEC G RESTRICTED TO CH E MAJORS ONLY.
3788040 H W 8:00-8:50
MEETS: JAN 8-MARCH 2
Note: SEC H RESTRICTED M E MAJORS ONLY
3788045 J W 3:10-4:00
MEETS: JAN 8-MARCH 2
Note: SEC J RESTRICTED TO M E TRANSFERS MAJORS ONLY
3788050 K W 8:00-8:50
MEETS: JAN 8-MAY 4
Note: SEC K RESTRICTED TO M E TRANSFERS MAJORS ONLY
3788055 L W 3:10-4:00
MEETS: JAN 8-MAY 4
Note: SEC L RESTRICTED TO M E TRANSFERS MAJORS ONLY
3788060 M W 3:10-4:00
MEETS: JAN 8-MAY 4
LEAD PROGRM SEMINAR ENGR 105 1 CREDIT
Satisfactory-Fail Only.
6866005 F 11:00-3:00
MEETS: JAN 8-MAY 4
Note: THIS COURSE IS RESTRICTED TO STUDENTS IN LEAD LEARNING COMMUNITY.
LEARNING COMM SEMIN ENGR 131 R CREDIT
Note: COURSE RESTRICTED TO ENGR MAJORS ONLY
Satisfactory-Fail Only.
7845005 A T 10:00-10:50
MEETS: JAN 8-MAY 4
7845010 B R 10:00-10:50
MEETS: JAN 8-MAY 4
# ENGINEERING

## FOUND LEAD SRNG ENGR 150
1 CREDIT
Satisfactory-Fail Only.

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MEETS: JAN 8-MAY 4

## LDRSHIP ENGR STUD ORG 155
1 CREDIT

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MEETS: JAN 8-MARCH 2

## ENGR PROB & CPR LAB ENGR 160
3 CREDITS
Prereq: MATH 161 OR SATISFACTORY SCORES ON MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR ENROLLMENT IN MAT 166

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MEETS: JAN 8-MAY 4

## MECH OF MATERIALS E M 324
3 CREDITS
Prereq: E M 274
Note: ON-CAMPUS SECTIONS RESTRICTED TO ENGR SOFTH and ABOV. CREDIT IN MAT K 319X, OR THE E M 274 AND E M 324 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

<table>
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## ENGINEERING MECHANICS

## MECHAN OF MATERIALS (CONTINUED)

## ENGINEERING STATICS E M 274
3 CREDITS
Prereq: PHYS 221, CREDIT OR ENROLLMENT IN MAT 166
Note: CREDIT IN MAT K 319X, OR THE E M 274 AND E M 324 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

<table>
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## PRIN NONDESTRC TEST E M 362
3 CREDITS
Prereq: PHYS 112 OR PHYS 222
Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.

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## NONDESTRC TEST LAB E M 362L
1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN MAT E 362
Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.

<table>
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## 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 sophmore and above.

<table>
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## ENGINEERING DYNAMICS E M 345
3 CREDITS
Prereq: E M 274, CR OR ENROLLMENT IN MAT 266 OR MAT 267
Note: On-campus sections 1-4 restricted to engr college majors sophmore and above.

<table>
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## ENGINEERING MECHANICS

## MECHANICS OF FLUIDS (CONTINUED)
ENGINEERING MECHANICS (CONTINUED)

MECHANICS OF FLUIDS E M 378 3 CREDITS
3013025 5 MWF 10:00-10:50
W 10:00-10:50
MEETS: JAN 8–MAY 4
3013030 6 MWF 10:00-10:50
W 10:00-10:50
MEETS: JAN 8–MAY 4
3013035 7 MWF 10:00-10:50
R 8:00-9:50
MEETS: JAN 8–MAY 4
3013040 8 MWF 9:00-10:00
R 10:00-11:00
MEETS: JAN 8–MAY 4
3013045 9 MWF 9:00-10:00
R 11:00-1:00
MEETS: JAN 8–MAY 4
3013050 10 MWF 9:00-10:00
W 10:00-10:50
MEETS: JAN 8–MAY 4
3013055 11 MWF 9:00-9:50
R 11:00-1:00
MEETS: JAN 8–MAY 4
3013060 12 MWF 9:00-9:50
W 3:00-5:00
MEETS: JAN 8–MAY 4

ENGINEERING ACOUSTICS E M 451 3 CREDITS
Note: Restricted to ENGR college majors. For course information, please contact the Engineering department.
3021005 MWF 9:00-9:50
MEETS: JAN 8–MAY 4

ULTRASONIC NONDESTR EV E M 480 3 CREDITS
Prereq: E M 342, MATH 266, or MATH 267, PHYS 222
1355005 1 MWF 9:00-10:00
MEETS: JAN 8–MAY 4
CHIMENTI D

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: INST PERSM, HONORS PROG MEMBERSHIP
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS
APP ELAST&DEF SOLDS E M 516 3 CREDITS
Prereq: E M 510
3029005 MWF 1:00-2:00
MEETS: JAN 8–MAY 4
XIONG L

FINITE ELEMENT ANLY E M 525 3 CREDITS
Prereq: E M 425, MATH 385
3034005 MWF 2:00-3:00
MEETS: JAN 8–MAY 4
HONG W
3034605 XE ARRANGED
MEETS: JAN 8–MAY 4
Note: Section XE is off campus.
Course delivery is WWW

FUND NONDESTR EVAL E M 550 4 CREDITS
Prereq: E M 324, MATH 266
8108005 1 MWF 10:00-10:50
T 9:00-10:50
MEETS: JAN 8–MAY 4
8108605 XE ARRANGED
MEETS: JAN 8–MAY 4
Note: Section XE is off campus.
Course delivery is WWW

SPL TOPC THIN FILMS E M 590H 1–4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP CELULAR MDA 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

ENGINEERING MECHANICS (CONTINUED)

SP TOP ADV WAV PROP E M 690D 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
SPL TOP ADV MTH E M 690Q 1–6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP ADV WAV PROP E M 690D 1–6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP ADV COMP MTH E M 690R 1–6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP RELIABILITY E M 690S 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

ENGINEERING INTERNSHP E M 697 R CREDIT
Prereq: PERMISSION OF DEPT, GRAD CLASSIFICATION
Note: Satisfactory-Fail Only.
8134005 ARRANGED
MEETS: JAN 8–MAY 4
Note: Department permission required.

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

ENGLISH

INTENSIVE ENGLISH ENGL 10 0 CREDITS
Prereq: RECOMMENDATION OF THE ENGLISH DEPT
Note: Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10B 0 CREDITS
Note: Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CREDITS
Note: Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IEOP READING:BEGINR ENGL 11A 0 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
IEOP READING:LO-INTRMD ENGL 11B 0 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
IEOP READING:INTMED ENGL 11C 0 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
IEOP READING:HI-INTRMD ENGL 11D 0 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
IEOP READING:HIGH ENGL 11E 0 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
IEOP READING:ADVANC ENGL 11F 0 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
IEOP WRITING:BEGINR ENGL 12A 0 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
IEOP WRIT:LO-INTRMD ENGL 12B 0 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
IEOP WRITING:INTMED ENGL 12C 0 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
IEOP WRITING:HIGH ENGL 12E 0 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
IEOP WRIT:ADVANC ENGL 12F 0 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
IEOP LISTN-SPK:BEGIN ENGL 13A 0 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
IEOP LIST-SPK:LO-IN ENGL 13B 0 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
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**English**

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<td>ENGL 104</td>
<td>3</td>
<td>R</td>
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<td>Lab</td>
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**Prerequisites:**

- **ENGL 101A:** ENGL 101A does not apply toward graduation.
- **ENGL 101B:** ENGL 101B does not apply toward graduation.
- **ENGL 101C:** ENGL 101C does not apply toward graduation.
- **ENGL 101D:** ENGL 101D does not apply toward graduation.

**Notes:**

- Nonnative Reading ENGL 99R: Credits
- Nonnative Speaking ENGL 99S: Credits
- ENGLISH NONNATIVE I ENGL 101B: Credits
- ENGLISH NONNATIVE II ENGL 101C: Credits

**Additional Information:**

- Developmental ENGL 99R Fee applies. See tuition and fees website for more information on the fee.
- Every section meets in a computer writing lab.
- Traditional classroom.
- One day per week. The other meeting(s) will be in a computer lab.
- Concurrent enrollment in LIB 160 is recommended.
- Program requires concurrent enrollment in LIB 160.
PREREQUISITE: CREDIT IN OR EXEMPTION FROM ENGL 150.
INTRO CREATIVE WRIT ENGL 207 3 CREDITS
FPrereq: CREDIT IN OR EXEMPTION FROM ENGL 150.
539005 A TR 2:10-3:00 M 4:10-5:00
MEETS: JAN 8-MAY 4
539010 B TR 2:10-3:00 M 4:10-5:00
MEETS: JAN 8-MAY 4
539015 C TR 2:10-3:00 M 5:10-6:00
MEETS: JAN 8-MAY 4
539020 D TR 2:10-3:00 M 5:10-6:00
MEETS: JAN 8-MAY 4
539025 E TR 2:10-3:00 T 4:10-5:00
MEETS: JAN 8-MAY 4
539030 F TR 2:10-3:00 T 4:10-5:00
MEETS: JAN 8-MAY 4
539035 G TR 2:10-3:00 T 5:10-6:00
MEETS: JAN 8-MAY 4

INTRO LINGUISTICS ENGL 219 3 CREDITS
FPrereq: SOPHOMORE CLASSIFICATION.
3307005 A MNF 8:00-8:50
MEETS: JAN 8-MAY 4
3307010 B MNF 9:00-9:50
MEETS: JAN 8-MAY 4
3307015 C TR 10:00-11:00
MEETS: JAN 8-MAY 4
3307020 D TR 10:00-11:00
MEETS: JAN 8-MAY 4

AMER LIT SINCE 1865 ENGL 228 3 CREDITS
FPrereq: ENGL 150 or EXEMPTION from ENGL 150.
5360005 A1 MF 9:00-9:50
MEETS: JAN 8-MAY 4
5360010 A2 MF 10:00-10:50
MEETS: JAN 8-MAY 4

WRIT/ORAL, EL COMPOS ENGL 250 3 CREDITS
FPrereq: ENGL 150 or EXEMPTION from ENGL 150.
3299905 CA MNF 8:00-8:50
MEETS: JAN 8-MAY 4
3299910 CB MFN 11:00-11:50
MEETS: JAN 8-MAY 4
3299915 CC MWF 10:00-10:50
MEETS: JAN 8-MAY 4

ENGLISH (continued)

CRIT TLC THINK&MUNIC ENGL 150 3 CREDITS
Note: SEC. TL MAY MEET WEDNESDAY ROSS HALL COMPUTER LAB.
3329860 TM MF 11:00-12:00 W 3:10-4:00
MEETS: JAN 8-MAY 4
Note: SEC. TM MAY MEET WEDNESDAY ROSS HALL COMPUTER LAB.
3329865 TN MF 12:10-1:00 W 12:10-1:00
MEETS: JAN 8-MAY 4
Note: SEC. TN MAY MEET MONDAY ROSS HALL COMPUTER LAB.
3329870 TP MF 10:00-11:00 W 10:00-10:50
MEETS: JAN 8-MAY 4
Note: SEC. TP MAY MEET WEDNESDAY ROSS HALL COMPUTER LAB.
3329875 TR MF 4:10-5:00 W 4:10-5:00
MEETS: JAN 8-MAY 4
Note: SEC. TR MEETS BOTH DAYS IN THE ROSS COMPUTER LAB.
CONTACT DEANNA STUMBO (229 ROSS) FOR PERMISSION TO
ADD DURING 1ST WEEK. DUE TO THE CONDENSED NATURE OF
THIS SECTION (8 WEEKS) REGULAR ATTENDANCE IS CRITICAL.
3329880 TS TR 3:40-6:20 PM
MEETS: MARCH 5-MAY 4
Note: SEC. TS MEETS BOTH DAYS IN THE ROSS COMPUTER LAB.
CONTACT DEANNA STUMBO (229 ROSS) FOR PERMISSION TO
ADD DURING 1ST WEEK. DUE TO THE CONDENSED NATURE OF
THIS SECTION (8 WEEKS) REGULAR ATTENDANCE IS CRITICAL.
3329885 TT MF 12:10-1:00 W 12:10-1:00
MEETS: JAN 8-MAY 4
Note: SEC. TT MAY MEET WEDNESDAY IN ROSS HALL COMPUTER
LAB. THIS IS A CROSS-CULTURAL SECTION. US STUDENTS
ONLY. MEETS JOINTLY WITH SEC. TV.
3299925 CE MWF 4:10-5:00
MEETS: JAN 8-MAY 4
Note: SEC. CE MAY MEET ALL DAYS IN THE COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE
PROVIDED.
3299930 CF TR 11:00-12:20
MEETS: JAN 8-MAY 4
Note: SEC. CF IS LIKELY TO MEET ALL DAYS IN THE COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE
PROVIDED.
3299935 CG TR 12:40-2:00
MEETS: JAN 8-MAY 4
Note: SEC. CG IS LIKELY TO MEET ALL DAYS IN THE COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE
PROVIDED.
3299940 CH TR 1:10-3:30
MEETS: JAN 8-MAY 4
Note: SEC. CH MAY MEET WEDNESDAY ROSS HALL COMPUTER
LAB. THIS IS A CROSS-CULTURAL SECTION. US STUDENTS
ONLY. MEETS JOINTLY WITH SEC. CV.
3299945 CI TR 1:10-3:30
MEETS: JAN 8-MAY 4
Note: SEC. CI MAY MEET WEDNESDAY ROSS HALL COMPUTER
LAB. THIS IS A CROSS-CULTURAL SECTION. US STUDENTS
ONLY. MEETS JOINTLY WITH SEC. CV.
3299950 CJ TR 1:10-3:30
MEETS: JAN 8-MAY 4
Note: SEC. CJ MAY MEET WEDNESDAY ROSS HALL COMPUTER
LAB. THIS IS A CROSS-CULTURAL SECTION. US STUDENTS
ONLY. MEETS JOINTLY WITH SEC. CV.
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<td>3299010</td>
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<td>3299221</td>
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<td>3299222</td>
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<tr>
<td>3299220</td>
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<td>MEETS: JAN 8-MAY 4</td>
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<td>3 CREDITS</td>
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<td>PP TR 12:00-1:00</td>
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<td>PC TR 3:40-6:20PM</td>
<td>MEETS: JAN 8-MARCH 2</td>
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<td>3299461</td>
<td>FL TR 3:40-6:20PM</td>
<td>MEETS: MARCH 5-MAY 4</td>
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<td>MEETS: JAN 8-MAY 4</td>
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<td>PK MW 3:10-4:00</td>
<td>MEETS: JAN 8-MARCH 2</td>
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<td>RG MF 3:10-4:00</td>
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WRIT, ORAL, EL COMPOS ENGL 250 3 CREDITS
3299510 TC T 8:00-9:20  R 8:00-9:20
MEETS: JAN 8–MAY 4
Note: SEC TC MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

3299515 TD T 12:40-2:00  R 12:40-2:00
MEETS: JAN 8–MAY 4
Note: SEC TD MAY MEET THURSDAY IN A ROSS HALL COMPUTER LAB.

3299530 TF R 2:10–3:30
T 2:10–3:30
MEETS: JAN 8–MAY 4
Note: SEC TF MAY MEET TUESDAY IN ROSS HALL COMPUTER LAB.

3299550 TK MW 3:10–4:00  F 3:10–4:00
MEETS: JAN 8–MAY 4
Note: SEC TK MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

3299555 TL MW 1:10–2:00  F 1:10–2:00
MEETS: JAN 8–MAY 4
Note: SEC TL MAY MEET THURSDAY.

3299605 VB WF 9:00–9:50  M 9:00–9:50
MEETS: JAN 8–MAY 4
Note: SEC VB MAY MEET MONDAY IN ROSS HALL COMPUTER LAB.

3299610 VC MF 2:10–3:00  W 2:10–3:00
MEETS: JAN 8–MAY 4
Note: SEC VC MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB.

3299615 VD MF 3:10–4:00  W 3:10–4:00
MEETS: JAN 8–MAY 4
Note: SEC VD MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB.

3299620 VE WF 3:10–4:00  M 3:10–4:00
MEETS: JAN 8–MAY 4
Note: SEC VE MAY MEET MONDAY IN ROSS HALL COMPUTER LAB.

3299625 VF WF 1:10–2:00  M 1:10–2:00
MEETS: JAN 8–MAY 4
Note: SEC VF MAY MEET MONDAY IN ROSS HALL COMPUTER LAB.

3299630 VG WF 2:10–3:00  M 2:10–3:00
MEETS: JAN 8–MAY 4
Note: SEC VG MAY MEET MONDAY IN ROSS HALL COMPUTER LAB.

3299635 VH WF 10:00–11:50  M 10:00–11:50
MEETS: JAN 8–MAY 4
Note: SEC VH MAY MEET MONDAY IN ROSS HALL COMPUTER LAB.

3299640 VJ WF 12:10–1:00  M 12:10–1:00
MEETS: JAN 8–MAY 4
Note: SEC VJ MAY MEET MONDAY IN ROSS HALL COMPUTER LAB.

3299645 VK MF 1:10–2:00  W 1:10–2:00
MEETS: JAN 8–MAY 4
Note: SEC VK MAY MEET WEDNESDAY IN ROSS HALL COMPUTER LAB.

3299664 VN T 2:10–3:30  F 2:10–3:30
MEETS: JAN 8–MAY 4
Note: SEC VF MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

3299672 VQ T 3:40–5:00  R 3:40–5:00
MEETS: JAN 8–MAY 4
Note: SEC VA MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

3299666 VR WF 11:00–11:50  M 11:00–11:50
MEETS: JAN 8–MAY 4
Note: SEC VR MAY MEET MONDAY IN ROSS HALL COMPUTER LAB.

3299670 VW MF 10:00–10:50  W 10:00–10:50
MEETS: JAN 8–MAY 4
Note: SEC VW MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM, THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SEC. VX.

3299675 VX MF 10:00–10:50  W 10:00–10:50
MEETS: JAN 8–MAY 4
Note: SEC VX MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM, THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SEC. VY. SEE ADVISOR TO ADD.

3299680 VY MF 11:00–11:50  W 11:00–11:50
MEETS: JAN 8–MAY 4
Note: SEC VY MAY MEET WEDNESDAY IN ROSS HALL COMPUTER ROOM, THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SEC. VZ.

INTRO LITERARY STDY ENGL 260 3 CREDITS
Preq: CREDIT OR EXEMPTION FROM ENGL 150
Note: SEC A1,B1 RESTRICTED TO ENGL. TCOMM MAJORS.

3306005 A1 TR 12:40–2:00
MEETS: JAN 8–MAY 4
Note: SEC A1,B1 RESTRICTED TO ENGL. TCOMM MAJORS ONLY.

BUSINESS COMMUNIC ENGL 302 3 CREDITS
Preq: ENGL 250, JUNIOR CLASSIFICATION
Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB. COURSE IS RESTRICTED TO JUNIORS AND ABOVE.

3314005 1 WF 8:00–8:50  M 8:00–8:50
MEETS: JAN 8–MAY 4

3314010 2 WF 9:00–9:50  M 9:00–9:50
MEETS: JAN 8–MAY 4

3314015 3 MF 12:10–1:00  W 12:10–1:00
MEETS: JAN 8–MAY 4
Note: SEC 3 RESTRICTED TO JUNIORS & SENIORS IN THE COLLEGE OF BUSINESS.

3314020 4 MF 10:00–10:50  W 10:00–10:50
MEETS: JAN 8–MAY 4
Note: SEC 4 RESTRICTED TO JUNIORS & SENIORS IN THE COLLEGE OF BUSINESS.

3314025 5 WF 10:00–10:50  M 10:00–10:50
MEETS: JAN 8–MAY 4

3314030 6 WF 11:00–11:50  M 11:00–11:50
MEETS: JAN 8–MAY 4

3314035 7 MF 11:00–11:50  W 11:00–11:50
MEETS: JAN 8–MAY 4

3314040 8 MF 12:10–1:00  W 12:10–1:00
MEETS: JAN 8–MAY 4

3314045 9 MF 12:10–1:00  W 12:10–1:00
MEETS: JAN 8–MAY 4

3314050 10 MF 12:10–1:00  W 1:10–2:00
MEETS: JAN 8–MAY 4

3314055 11 WF 1:10–2:00  M 1:10–2:00
MEETS: JAN 8–MAY 4

3314060 12 WF 2:10–3:00  M 2:10–3:00
MEETS: JAN 8–MAY 4

3314065 13 MW 2:10–3:00  F 2:10–3:00
MEETS: JAN 8–MAY 4

3314070 14 WN 3:10–4:00  F 3:10–4:00
MEETS: JAN 8–MAY 4

3314075 15 WM 3:10–4:00  F 3:10–4:00
MEETS: JAN 8–MAY 4

3314080 16 WN 4:10–5:00  F 4:10–5:00
MEETS: JAN 8–MAY 4

3314085 17 T 9:30–10:50  R 9:00–9:50
MEETS: JAN 8–MAY 4

3314090 18 T 9:30–10:50  R 9:30–10:50
MEETS: JAN 8–MAY 4
Note: SEC 18 RESTRICTED TO JUNIORS & SENIORS IN THE COLLEGE OF BUSINESS.
ENGLISH (CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS

3314125 25 R 2:10-3:00
MEETS: JAN 8-MAY 4
Note: SEC 25 RESTRICTED TO JUNIORS & SENIORS
IN THE COLLEGE OF BUSINESS

3314130 26 T 2:10-3:30
MEETS: JAN 8-MAY 4

3314140 28 MW 8:00-8:50
F 8:00-8:50
MEETS: JAN 8-MAY 4

3314145 29 MW 9:00-9:50
F 9:00-9:50
MEETS: JAN 8-MAY 4
Note: SEC 29 RESTRICTED TO JUNIORS & SENIORS
IN THE COLLEGE OF BUSINESS

3314150 30 WF 2:10-3:00
MEETS: JAN 8-MAY 4

3314155 31 WF 3:10-4:00
MEETS: JAN 8-MAY 4

3314160 32 R 9:30-10:50
F 10:00-11:50
MEETS: JAN 8-MAY 4

3314165 33 MW 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC 33 RESTRICTED TO JUNIORS & SENIORS
IN THE COLLEGE OF BUSINESS

3314180 34 R 8:00-9:20
T 8:00-9:20
MEETS: JAN 8-MAY 4

3314185 35 R 9:30-10:50
MEETS: JAN 8-MAY 4

3314190 36 MF 1:10-2:00
W 1:10-2:00
MEETS: JAN 8-MAY 4
Note: SEC 36 RESTRICTED TO JUNIORS & SENIORS
IN THE COLLEGE OF BUSINESS

3314195 37 MF 8:00-8:50
MEETS: JAN 8-MAY 4

3314200 38 MW 12:10-1:00
F 12:10-1:00
MEETS: JAN 8-MAY 4
Note: SEC 38 RESTRICTED TO JUNIORS & SENIORS
IN THE COLLEGE OF BUSINESS

3314205 39 R 8:00-9:20
T 8:00-9:20
MEETS: JAN 8-MAY 4

3314210 40 WF 4:10-5:00
M 4:10-5:00
MEETS: JAN 8-MAY 4

3314215 41 T 1:40-3:00
MEETS: JAN 8-MAY 4
Note: SEC 41 RESTRICTED TO JUNIORS & SENIORS
IN THE COLLEGE OF BUSINESS

3314220 42 MF 9:00-9:50
W 9:00-9:50
MEETS: JAN 8-MAY 4

3314225 43 MF 9:00-9:50
W 9:00-9:50
MEETS: JAN 8-MAY 4
Note: SEC 43 RESTRICTED TO JUNIORS & SENIORS
IN THE COLLEGE OF BUSINESS

3314230 44 MW 12:10-1:00
MEETS: JAN 8-MAY 4

3314235 45 T 11:00-12:20
R 11:00-12:20
MEETS: JAN 8-MAY 4

3314240 46 MW 11:00-11:50
F 11:00-11:50
MEETS: JAN 8-MAY 4

3314245 47 MW 1:10-2:00
F 1:10-2:00
MEETS: JAN 8-MAY 4

3314250 48 MF 9:00-9:50
W 9:00-9:50
MEETS: JAN 8-MAY 4

3314255 49 R 2:10-3:30
T 2:10-3:30
MEETS: JAN 8-MAY 4

CREAT WRITING:FIGCTN ENGL 304 3 CREDITS
Pre_req: ENGL 250, NOT OPEN TO FRESHMEN
Note: COURSE IS RESTRICTED TO SOPH AND ABOVE

3316005 A MW 3:30-4:30
MEETS: JAN 8-MAY 4

3316010 B TR 11:00-12:20
MEETS: JAN 8-MAY 4

ENGLISH (CONTINUED)

CREAT WRITING:NON-F ENGL 305 3 CREDITS
Pre_req: ENGL 250, NOT OPEN TO FRESHMEN

3317005 A TR 11:00-12:20
MEETS: JAN 8-MAY 4

3317010 B TR 12:40-2:00
MEETS: JAN 8-MAY 4

CREAT WRITING:POET ENGL 306 3 CREDITS
Pre_req: ENGL 250, NOT OPEN TO FRESHMEN

3318005 A TR 2:10-3:30
MEETS: JAN 8-MAY 4

PROPSLGRPT WRITING ENGL 309 3 CREDITS
Pre_req: ENGL 250, JUNIOR CLASSIFICATION

8089005 A1 R 8:00-9:20
T 8:00-9:20
MEETS: JAN 8-MAY 4
Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

8089010 A2 R 8:00-9:20
T 8:00-9:20
MEETS: JAN 8-MAY 4
Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

8089015 B1 R 12:40-2:00
T 12:40-2:00
MEETS: JAN 8-MAY 4
Note: SEC B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

8089025 C1 MW 11:00-12:20
F 11:00-12:20
MEETS: JAN 8-MAY 4

8089035 D1 MW 1:10-2:00
F 1:10-2:00
MEETS: JAN 8-MAY 4

8089040 E1 MW 2:10-3:30
F 2:10-3:30
MEETS: JAN 8-MAY 4

8089045 F1 T 11:00-12:20
R 11:00-12:20
MEETS: JAN 8-MAY 4

RHEOTICAL ANALYSIS ENGL 310 3 CREDITS
Pre_req: ENGL 250

8308005 A1 TR 8:00-9:20
MEETS: JAN 8-MAY 4
Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

8308010 A2 TR 8:00-9:20
MEETS: JAN 8-MAY 4
Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

BIOLOGICAL COMMUNICA ENGL 312 3 CREDITS
Note: COURSE IS RESTRICTED TO MAJOR IN LIFE SCIENCES

6971005 A T 11:00-12:20
R 11:00-12:20
MEETS: JAN 8-MAY 4

6971010 B T 12:40-2:00
R 12:40-2:00
MEETS: JAN 8-MAY 4

RHEOTCL WEBSTE DSN ENGL 313 3 CREDITS
Pre_req: ENGL 250

5597005 A1 TR 3:40-5:00
MEETS: JAN 8-MAY 4

5597010 A2 TR 3:40-5:00
MEETS: JAN 8-MAY 4
Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM

TECHNICAL COMMUNTN ENGL 314 3 CREDITS
Pre_req: ENGL 250, JUNIOR CLASSIFICATION

Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB

3356005 1 MW 8:00-8:50
F 8:00-8:50
MEETS: JAN 8-MAY 4

3356010 2 MW 9:00-9:50
MEETS: JAN 8-MAY 4

3356020 4 MW 11:00-11:50
F 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC 4 RESTRICTED TO CHEM MAJORS ONLY

3356035 3 MW 10:10-10:50
F 10:10-10:50
MEETS: JAN 8-MAY 4

3356040 4 MW 11:00-11:50
F 11:00-11:50
MEETS: JAN 8-MAY 4

3356050 5 MW 12:10-1:00
MEETS: JAN 8-MAY 4

3356060 6 MP 1:10-2:00
W 1:10-2:00
MEETS: JAN 8-MAY 4

3356070 7 MP 1:10-2:00
W 1:10-2:00
MEETS: JAN 8-MAY 4

3356080 8 MP 3:10-4:00
W 3:10-4:00
MEETS: JAN 8-MAY 4

3356095 9 MP 4:10-5:00
W 4:10-5:00
MEETS: JAN 8-MAY 4

3356050 10 T 8:00-9:20
R 8:00-9:20
MEETS: JAN 8-MAY 4

3356065 11 T 9:30-10:50
R 9:30-10:50
MEETS: JAN 8-MAY 4
Note: SEC 11 RESTRICTED THE CH E MAJORS ONLY
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ENGLISH (CONTINUED)

HIST OF ENGLISH LANG ENGL 420 3 CREDITS
Prereq: ENGL/LING 219, ENGL/LING 220
Note: Open to seniors or sophomores.
3360005 A TR 8:00-9:20 MEETS: JAN 8-NOV 4

WOMEN, MEN & ENGLISH LANG ENGL 422 3 CREDITS
Prereq: ENGL/LING 219
Note: Meets U.S. diversity reqmt.
9533005 A TR 11:00-12:20 MEETS: JAN 8-NOV 4

2ND LANG LNTGNCHNG ENGL 425 3 CREDITS
Prereq: ENGL/LING 219, JUNIOR CLASSIFICATION
9321005 A MW 12:40-2:00 MEETS: JAN 8-NOV 4

SEMINAR BRIT LIT ENGL 440 3 CREDITS
Prereq: COMPLETION OF 9 CR OF SURVEYS; COMPLETION
OF OR CONCURRENT ENROLLMENT IN ENGL 339; JUNIOR
CLASSIFICATION.
9534005 A TR 11:00-12:20 MEETS: JAN 8-NOV 4

INTERN BUS/PRO COMM ENGL 487 1-3 CREDITS
Prereq: JUNIOR CLASS; PERMISSION OF COORDINATOR;
9 CR IN ENGL 302, ENGL 309, ENGL 313, ENGL 314, ENGL
415 (PREFERRED), ENGL 416, OR ENGL 477.
Note: Department permission required.
9099005 A AGREED MEETS: JAN 8-NOV 4

IND STDY LITTERATURE 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 STU RHECTORIC ENGL 490C VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO RHECTORIC, JR CLASSIFICATION, PERMISSION
OF UNDERGRAD 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 STU CRITIC 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

INDEP STU INSTRUC MTH ENGL 490E VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO INSTRUCTIONAL METHODS AND RESEARCH, JR
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

INDEP 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

INDEP BUS/TECH COMM ENGL 490G VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO BUSINESS/TECHNICAL COMMUNICATION, JR CLASSIFICATN,
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
APPLIED TOWARD GRADUATION.
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ENGL 490H VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO INDEP STUDY TOPIC CHosen, JUNIOR CLASSIFICATION,
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE,
MEMBERSHIP IN UNIV HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
UNIVERSITY HONORS STUDENTS.
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

ADV CRTV WR WRKP MU ENGL 493 3 CREDITS
Prereq: ENGL 304, OR ENGL 306; JUNIOR CLASSIFICATION
4591005 A TR 12:40-2:00 MEETS: JAN 8-NOV 4

TEACH LIT SECONDARY ENGL 494 3 CREDITS
Prereq: ENGL 310, ENGL 397, 9 OTHER CREDITS IN
ENGL BEYOND ENGL 250, PSYCH 333, ADMISSION TO TEACHER
EDUCATION PROGRAM
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
3379005 TR 2:10-3:30 MEETS: JAN 8-NOV 4

INTRO TO RHET RSCH ENGL 501 3 CREDITS
Prereq: 6 GRADUATE CREDITS IN ENGLISH
8090005 A W 3:10-6:00PM MEETS: JAN 8-NOV 4

LNGU ASSESS PRACTM ENGL 513 3 CREDITS
Prereq: ENGL 519
8728005 A ARRANGED MEETS: JAN 8-NOV 4
Note: SEC A RESTRICTED TO ENGL GRADS ONLY

SOCIOLINGUISTICS ENGL 514 3 CREDITS
Prereq: ENGL/LING 511 OR AN INTRODUCTORY
LINGUISTICS COURSE
Note: COURSE RESTRICTED TO ENGLISH MAJORS
3379006 A TR 1:40-5:00 MEETS: JAN 8-NOV 4
Note: SEC A RESTRICTED TO ENGL GRADS ONLY

STATISTIC LANGU PROC ENGL 515 3 CREDITS
Prereq: STAT 330 OR EQUIVALENT.
8015005 A TR 12:40-2:00 MEETS: JAN 8-NOV 4

MTD FMRM LING ANLY ENGL 516 3 CREDITS
Prereq: ENGL/LING 219 OR EQUIVALENT
2867005 A W 9:30-10:50 MEETS: JAN 8-NOV 4

2ND LANGUAGE ASSESS ENGL 519 3 CREDITS
3402005 A TR 1:40-5:00 MEETS: JAN 8-NOV 4

OLD ENGL LANG & LIT ENGL 523 3 CREDITS
Prereq: COURSE IN MEDIEVAL LITERATURE OR HISTORY
OF THE ENGLISH LANGUAGE RECOMMENDED
2098005 A TR 1:40-5:00 MEETS: JAN 8-NOV 4

DISCOURSE ANALYSIS ENGL 527 3 CREDITS
Prereq: ENGL/LING 511 OR AN INTRODUCTORY
COURSE IN LINGUISTICS
Note: COURSE RESTRICTED TO ENGL GRADUATE STUDENTS
2052005 A TR 11:00-12:20 MEETS: JAN 8-NOV 4
Note: SEC A RESTRICTED TO ENGL GRADS ONLY

SPECIF PURPO ENGL ENGL 528 3 CREDITS
Prereq: ENGL/LING 511 OR AN INTRODUCTORY
COURSE IN LINGUISTICS
5193005 A M 2:10-3:30 MEETS: JAN 8-NOV 4

FICTION ENGL 535 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR
6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE
3259005 A R 6:10-9:00PM MEETS: JAN 8-NOV 4

STDY ENVIRONMTL LIT ENGL 543 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: COURSE RESTRICTED TO ENGL GRAD STUDENTS ONLY.
8359005 A TR 12:40-2:00 MEETS: JAN 8-NOV 4

FICTION WORKSHOP ENGL 554 3 CREDITS
Prereq: ENGL 550 AND GRADUATE ADMISSION INTO THE
CREATIVE WRITING AND ENVIRONMENT PROGRAM
Note: COURSE RESTRICTED TO ENGLISH MAJORS
3412005 A TR 1:40-5:00 MEETS: JAN 8-NOV 4
Note: Instructor permission required.
ENGLISH (CONTINUED)

POETRY WORKSHOP ENGL 556 3 CREDITS
Prereq: ENGL 550 AND GRADUATE ADMISSION INTO THE CREATIVE WRITING AND ENVIRONMENT PROGRAM
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3413005 A M 6:10-9:00PM MEETS: JAN 8-MAY 4
3413010 B M 6:10-9:00PM MEETS: JAN 8-MAY 4
Note: SEC B FOR STUDENTS NOT FORMALLY ADMITTED TO THE MA PROGRAM IN ENGLISH.
Instructor permission required.

STUDIES CREATE WRIT ENGL 557 3 CREDITS
Prereq: ENGL 550 AND GRADUATE ADMISSION INTO THE CREATIVE WRITING AND ENVIRONMENT PROGRAM
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.
9075005 A W 3:10-6:00PM MEETS: JAN 8-MAY 4

CRTW WRIT TCHG INTN ENGL 559 1-3 CREDITS
Prereq: PERMISSION OF PARTICIPATING INSTRUCTORS
7431005 A ARRANGED MEETS: JAN 8-MAY 4
Note: Instructor permission required.

ENVIRONMENT EXPER ENGL 560 3 CREDITS
Prereq: ENGL 550, GRAD CLASSIFICATION, OPEN TO GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND ENVIRONMENT WITH PERMISSION OF INSTRUCTOR.
8229005 A ARRANGED MEETS: JAN 8-MAY 4
Note: Instructor permission required.

INTERN BUS/PRO COMM ENGL 587 1-3 CREDITS
Prereq: ENGL 507 PLUS 3 ADDL GRAD CR IN BUSINESS & TECHNICAL WRITING OR COMPOSITION & RHETORIC, INSTRUCTOR PERMISSION. LIMITED TO MASTER’S & DOCTORAL CANDIDATES IN FIELD OF RHETORIC AND PRO COMMUNICATION
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2015
3425005 A ARRANGED MEETS: JAN 8-MAY 4
Instructor permission required.

PRA TCH ENG 2ND LNG ENGL 588 3 CREDITS
Prereq: 9 CREDITS TOWARD TESL/TEFL CERTIFICATE, OR 15 CREDITS TOWARD TESL/AL MASTER’S DEGREE, OR 18 CR COMPLETED TOWARD THE ESL ENDORSEMENT OPTION
3426005 A ARRANGED MEETS: JAN 8-MAY 4

SUPV PRACT LIT EDIT ENGL 589 1-3 CREDITS
Prereq: ENGL 550 AND PERMISSION OF INSTRUCTOR
7611005 A ARRANGED MEETS: JAN 8-MAY 4

SPL TOP LITERATURE ENGL 590A VAR. CREDITS
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 RHECTOR&COMM 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 RHET&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 CREATE WRIT ENGL 590F VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TP APP LING&TEC ENGL 590G VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
******* SEE DEPT FOR REFERENCE NUMBERS
CORE STU/PRO CMUNIC ENGL 592C 3 CREDITS
Prereq: 12 CREDITS IN RHETORIC, LINGUISTICS, OR LITERATURE, EXCLUDING ENGL 150 AND ENGL 250
2708005 A TR 12:40-2:00 MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO ACCT GRADUATE STUDENTS ONLY

CREATIVE COMPONENT ENGL 599 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
******* SEE DEPT FOR REFERENCE NUMBERS

ENGLISH (CONTINUED)

RSRCH MTH RHET&QNTV ENGL 602B 3 CREDITS
Prereq: ENGL 501
2965005 A W 3:10-6:00PM MEETS: JAN 8-MAY 4

SMRR RHECTOR THEORY ENGL 611 3 CREDITS
Prereq: ENGL 547 OR ENGL 548
3495005 A T 6:10-9:00PM MEETS: JAN 8-MAY 4
3495010 B M 3:10-6:00PM MEETS: JAN 8-MAY 4

CFPR-ASIST LANG TST ENGL 626 3 CREDITS
Prereq: ENGL/LING 510, ENGL/LING 511, ENGL/LING 512
7616005 A MN 11:00-12:20 MEETS: JAN 8-MAY 4

SMRR APPLD LINGUIST ENGL 630 3 CREDITS
Prereq: ENGL/LING 510, ENGL/LING 511
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.
TOPIC: PSYCHOMETRIC METHODS FOR LANGUAGE TESTING
4758005 B M 5:10-8:00PM MEETS: JAN 8-MAY 4

PRACTCM TEC &LINGUI ENGL 688 3 CREDITS
Prereq: ENGL/LING 626, OR EQUIV; AT LEAST 2ND YEAR PH.D. STUDENT IN APPLIED LINGUISTICS AND TECHNOLOGY
7633005 A ARRANGED MEETS: JAN 8-MAY 4

RESEARCH ENGL 699 VAR. CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
******* SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

PESTICIDE APPL CERT ENR 283 2 CREDITS
6695005 A MN 2:10-3:00 MEETS: JAN 8-MAY 4

INSECTS &OUR HEALTH ENR 374 3 CREDITS
Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES
Note: Meets international perspectives reqmt
3445005 A TR 9:30-10:50 JURENKA R MEETS: JAN 8-MAY 4

INSECTS&OUR HLTH LAB ENR 374L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN ENR 374
9546005 W 9:15-11:50 SMITH R MEETS: JAN 8-MAY 4

PLT PROTEC NAT ENEM ENR 375 3 CREDITS
Prereq: ENR 370 OR ENR 376
9546005 W 9:15-11:50 SMITH R MEETS: JAN 8-MAY 4

ENDOMO&PEST MGT ENR 376 3 CREDITS
Prereq: BIOL 101 OR BIOL 211
Note: CREDIT FOR EITHER ENR 376 OR ENR 386, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
3446005 A TR 12:40-1:30 GASSMANN A T 2:10-5:00 GASSMANN A MEETS: JAN 8-MAY 4
3446010 B TR 12:40-1:30 GASSMANN A W 12:10-3:00 GASSMANN A MEETS: JAN 8-MAY 4
3446015 C TR 12:40-1:30 O'NEAL M W 3:10-6:00PM O'NEAL M MEETS: JAN 8-MAY 4
3446020 D TR 12:40-1:30 O'NEAL M R 2:10-5:00 O'NEAL M MEETS: JAN 8-MAY 4

PESTICIDES IN ENVIR ENR 450 2 CREDITS
9834005 A MN 9:00-11:50 COATS J MEETS: JAN 8-MAY 4

IND RESRCH/WKRT/WORK ENR 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 STU RESRCH/WKRT ENR 490U 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

SPL TOP RHETOR&COMM ENGL 613 3 CREDITS
Prereq: ENGL/LING 626, OR EQUIV; AT LEAST 2ND YEAR PH.D. STUDENT IN APPLIED LINGUISTICS AND TECHNOLOGY
7633005 A ARRANGED MEETS: JAN 8-MAY 4

RESEARCH ENGL 699 VAR. CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
******* SEE DEPT FOR REFERENCE NUMBERS
**ENTREPRENEURSHIP**

**TRENDSA THEOR ENTREPRENEURSHIP SP 335 3 CREDITS**
Prereq: MGMT 310, MGMT 313 or MGMT 320
Note: Course restricted to business college undergraduate students other than MBUS.
8726005 1A TR 9:00-9:50 WOLTER P
MEETS: JAN 8-MAY 4

**ENVIRONMENTAL SCIENCE**

**EXPLORE ENVIRONMENTAL SCIENCE ENSCI 202 1 CREDIT**
Preq: ENSCI 202
Note: Course restricted to ENSCA & ENSCS majors only
9625900 1A TR 12:40-1:30 CARROLL H
MEETS: JAN 8-MAY 4

**ENTREPRENEURSHIP**

**TRENDSA THEOR ENTREPRENEURSHIP SP 335 3 CREDITS**
Prereq: MGMT 310, MGMT 313 or MGMT 320
Note: Course restricted to business college undergraduate students other than MBUS.
8726005 1A TR 9:00-9:50 WOLTER P
MEETS: JAN 8-MAY 4

**ENVIRONMENTAL SCIENCE**

**EXPLORE ENVIRONMENTAL SCIENCE ENSCI 202 1 CREDIT**
Preq: ENSCI 202
Note: Course restricted to ENSCA & ENSCS majors only
9625900 1A TR 12:40-1:30 CARROLL H
MEETS: JAN 8-MAY 4

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**ENVIRONMENTAL SCIENCE**

**BIOL PROC IN ENVIRONMENTAL SCIENCE ENSCI 251 3 CREDITS**
Preq: ENSCI 202, 250
Note: Course restricted to ENSCA & ENSCS majors only
9536010 1A TR 12:40-1:30 CRUMPTON W
MEETS: JAN 8-MAY 4

**ENERGY & ENVIRONMENTAL SCIENCE ENSCI 324 3 CREDITS**
Preq: ENSCI 202, 250
Note: Course restricted to ENSCA & ENSCS majors only
4865000 1A TR 11:00-12:00 JURENKA R
MEETS: JAN 8-MAY 4
ENGLISH: 

ENVIROMENTAL SCIENCE (CONTINUED)

WORLD CLIMATES  ENSC 406  3 CREDITS
Prereq: AGRON 206/MTGR 206
Note: Meets international perspectives reqmt
2824005  TR 9:30-10:50
MEETS: JAN 8-MAY 4
WATERSHED MANAGEMENT  ENSC 407  4 CREDITS
Prereq: A COURSE IN GENERAL BIOLOGY
2830005  1 TR 9:30-10:50 SCHULTZ R
T 11:00-12:00PM SCHULTZ R
MEETS: JAN 8-MAY 4
2830010  2 TR 9:30-10:50 SCHULTZ R
T 11:00-12:00PM SCHULTZ R
MEETS: JAN 8-MAY 4
APP GRNDWR FLW MDC  ENSC 414  3 CREDITS
Prereq: GEOG 411 OR C E 473; MATH 165 OR MATH 181
3068005  1 MW 1:10-2:00 SIMPKINS W
W 2:10-4:00 SIMPKINS W
MEETS: JAN 8-MAY 4
Note: Materials fee $50.00
AQUEOUS&ENVIR GEOCHM  ENSC 419  3 CREDITS
Prereq: ENSC 402 OR ENSC 411 OR EQUIVALENT
5015005  TR 11:00-11:50 SWANNER E
F 1:10-3:00 SWANNER E
MEETS: JAN 8-MAY 4
Note: Materials fee $50.00
STABLE ISOTOPES ENV  ENSC 426  3 CREDITS
Prereq: 4 COURSES IN BIOLOGICAL OR PHYSICAL SCI
6844005  TR 11:00-12:00PM WANNACKER A
MEETS: JAN 8-MAY 4
GIS FOR GEOCHRIST  ENSC 452  3 CREDITS
Prereq: GEOG 100, GEOG 201 OR EQUIVALENT
3093005  TR 11:00-11:50 ZHOU Y
F 10:40-12:50 ZHOU Y
MEETS: JAN 8-MAY 4
SOIL FORMAT&LANDSC  ENSC 463  3 CREDITS
Prereq: AGRON 144 OR AGRON 260
1935010  1 TR 10:00-10:50
T 2:10-5:00, ARRANGED
MEETS: JAN 8-MAY 4
ECOSYSTEM ECOLOGY  ENSC 484  3 CREDITS
Prereq: COMBINED 12 CREDITS IN BIOL AND CHEM
8720005  A MWF 9:00-9:50
8720010  B MWF 9:00-9:50
MEETS: JAN 8-MAY 4
INDEPENDENT STUDY  ENSC 490  VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, APPROVAL OF
ENVIRONMENTAL SCIENCE COORDINATOR
******* SEE DEPT FOR REFERENCE NUMBERS
HONORS INDEPENDENT STUDY  ENSC 490H  VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
COOPERATIVE EDUCATION  ENSC 498  R CREDIT
Prereq: PERMISSION OF ENSCI COORDINATOR
6276005  ARRANGED
MEETS: JAN 8-MAY 4
GLOBAL CHANGE  ENSC 504  3 CREDITS
Prereq: 4 COURSES IN PHYSICAL OR BIOL SCI OR ENGR;
JUNIOR, SENIOR, OR GRAD STANDING
4428005  MW 11:00-11:50
MEETS: JAN 8-MAY 4
WATERSHED MANAGEMENT  ENSC 507  4 CREDITS
Prereq: A COURSE IN GENERAL BIOLOGY
3868005  1 TR 9:30-10:50 SCHULTZ R
T 11:00-12:00PM SCHULTZ R
MEETS: JAN 8-MAY 4
3868010  2 TR 9:30-10:50 SCHULTZ R
T 11:00-12:00PM SCHULTZ R
MEETS: JAN 8-MAY 4
APP GRNDWR FLW MOD  ENSC 514  3 CREDITS
Prereq: GEOG 411 OR C E 473; MATH 165 OR MATH 181
3120005  1 MW 1:10-2:00 SIMPKINS W
W 2:10-4:00 SIMPKINS W
MEETS: JAN 8-MAY 4
Note: Materials fee $50.00
ENVIRONMENTAL STUDIES

ENVIROMENTAL GEOLOGY  ENV 101  3 CREDITS
Note: Course offered for 3 CREDITS ONLY SPRING
2018
3418005  A MWF 10:00-10:50 CAISSIE B
MEETS: JAN 8-MAY 4
3418600  XW ARRANGED ANKERSTjerne S
MEETS: JAN 8-MAY 4
Note: Section XW is off campus
Course delivery is WWW
ENVIRONMENTAL STUDIES
(continued)

GEOLOGICAL DISASTERS ENV S 111 1 CREDIT
9170005 TR 9:30-10:20 ANKERSTJERNE S
MEETS: MARCH 5-MAY 4

INTR RENEW RESOURCES ENV S 120 3 CREDITS
5141005 A MWF 12:10-1:00 RENTZ M
MEETS: JAN 8-MAY 4

NAT RESOURCES & AGRI ENV S 130 3 CREDITS
2836005 MWF 9:00-9:50 ISENHART T
MEETS: JAN 8-MAY 4

WORLD WATER RESOURCES ENV S 160 3 CREDITS
Note: Meets international perspectives reqmt
6343005 TR 11:00-12:20 FRANZ K
MEETS: JAN 8-MAY 4

ENVIRONMENTAL BIOLOGY ENV S 173 3 CREDITS
2022600 XV ARRANGED PLEASANTS J
Note: Section XX 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 or graduate requirements
3909005 MEETS: MARCH 5-MAY 4

GLOBAL SUSTAINABILITY ENV S 220 3 CREDITS
Note: Meets international perspectives reqmt
3862005 MWF 11:00-11:50 HALLAM A
MEETS: JAN 8-MAY 4

ECOFEMINISM ENV S 320 3 CREDITS
Prereq: W S 201 or 3 credits in women's studies
Note: At the 300 level or above
2865600 XV ARRANGED WIRTH D
MEETS: JAN 8-MAY 4
Note: Section XX is off campus
Course delivery is WWW

ENERGY & THE ENVIRONMENT ENV S 324 3 CREDITS
Note: MTEOR/GEOL/ENV S 324 does not apply toward credits required in the MTEOR or GEOL major
7863005 MWF 11:00-11:50 WOOD A
MEETS: JAN 8-MAY 4

WORLD FOOD ISSUES ENV S 342 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Meets international perspectives reqmt
1733005 TR 11:00-12:20 MEETS: JAN 8-MAY 4
1733010 TR 12:10-1:00 MEETS: JAN 8-MAY 4
1733015 TR 2:10-3:30 MEETS: JAN 8-MAY 4
1733020 TR 3:40-5:00 MEETS: JAN 8-MAY 4
1733025 TR 5:10-6:30 MEETS: JAN 8-MAY 4

POPULATION & SOCIETY ENV S 345 3 CREDITS
Prereq: SOC 130 or SOC 134
Note: Meets international perspectives reqmt
3462005 TR 2:10-3:30 MAZUR K
MEETS: JAN 8-MAY 4

LIT AND THE ENVIRONMENT ENV S 355 3 CREDITS
Prereq: ENGL 250
Note: SEC A2 restricted to ENG L, TCOMM majors only.
5510005 A TR 2:10-3:30 MEETS: JAN 8-MAY 4
5510010 A TR 2:10-3:30 MEETS: JAN 8-MAY 4

ENERGY ENVIRONMENT ECON ENV S 380 3 CREDITS
Prereq: ECON 101
7578005 TR 11:00-12:15 MEETS: JAN 8-MAY 4

ENVIRONMENTAL SOCIOLOGY ENV S 382 3 CREDITS
Note: SOC 130, SOC 134, or 3 credits of ENV S env
5797005 A1 MWF 9:00-9:50 BALAYAR R
MEETS: JAN 8-MAY 4
5797010 A2 MWF 9:00-9:50 BALAYAR R
MEETS: JAN 8-MAY 4

ENVIRONMENTAL STUDIES (continued)

INTERNATIONAL ENVIRONMENTAL STUDIES ENV S 390 VAR. CREDITS
Prereq: Approval of the Env S coordinator
Note: Course offered for 1-4 credits Spring 2018.
Satisfactory-Fail Only
Note: See dept. for reference numbers

GLOBAL CHANGE ENV S 404 3 CREDITS
Prereq: Your course in physical or biological sciences or engineering; junior standing
Note: On-campus SEC restricted to Geol, MTEOR ENSCA,
MTEOR/GEOL/ENV S majors only.
8673005 MWF 11:00-11:50 MEETS: JAN 8-MAY 4

Syllabus: http://www.meteor.iastate.edu/classes/m404

WATER RESOURCES MANAGEMENT ENV S 407 4 CREDITS
Prereq: A COURSE IN GENERAL BIOLOGY
Note: Prereq: Permission of instructor and approval of
ENV S coordinator
MEETS: JAN 8-MAY 4

INDIVIDUAL STUDY ENV S 490 VAR. CREDITS
Note: Course offered for 1-3 credits Spring 2018.
Note: See dept. for reference numbers

ENVIRONMENTAL LAW AND POLICY ENV S 491 3 CREDITS
Prereq: 6 credits in natural sciences
3478005 W 5:10-6:00 PM

EVENT MANAGEMENT

DIGITAL PROMOTION EVENT 212X 2 CREDITS
Prereq: Event Management major
Note: Course restricted to event majors only
9935005 T 8:00-9:50 MEETS: JAN 8-MAY 4
Note: Course restricted to event majors only
T 9:00-10:50 MEETS: JAN 8-MAY 4
9935010 T 8:00-9:50 MEETS: JAN 8-MAY 4
R 9:00-10:50 MEETS: JAN 8-MAY 4

INTRO EVENT MANAGEMENT EVENT 271 3 CREDITS
6762005 A TR 12:40-2:00 MEETS: JAN 8-MAY 4
6762010 B TR 12:40-2:00 MEETS: JAN 8-MAY 4
6762015 C TR 12:40-2:00 MEETS: JAN 8-MAY 4
Note: SEC 1C for majors other than ADM, A M, D, Event,
HRT, HSP M

INTRO DIGITAL PROMOTION EVENT 277X 3 CREDITS
Prereq: EVENT 271
9643005 A TR 11:00-12:15 MEETS: JAN 8-MAY 4
Note: SEC 1A restricted to event majors only
9643010 A TR 11:00-12:15 MEETS: JAN 8-MAY 4
Note: SEC 1A restricted to event majors only
9643020 A TR 11:00-12:15 MEETS: JAN 8-MAY 4
Note: SEC 1B restricted to HSP M, A M, D majors only

CONTINUING CLASSIC CLUB EVENT 289 3 CREDITS
Prereq: HSP M 103
1429005 A1 MWF 11:00-12:15 MEETS: JAN 8-MAY 4
Note: SEC 1A restricted to HR1, HSP M majors only
1429010 A1 MWF 11:00-12:15 MEETS: JAN 8-MAY 4
Note: SEC 1B restricted to event majors only

AMUSEMENT PARK ADMINISTRATION EVENT 320 3 CREDITS
Prereq: HR1 101 or permission of instructor
2041005 A TR 2:10-3:30 MEETS: JAN 8-MAY 4
Note: SEC 1A restricted to event majors only
2041010 A 1B TR 2:10-3:30 MEETS: JAN 8-MAY 4
Note: SEC 1B for majors other than event, HRI, HSP M.
FAMILY & CONSUMER SCIENCES ED & STUDIES

ENTERTMT VENUE MGMT EVENT 333 3 CREDITS
Preq: EVENT 271 or EQUIVALENT
Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
9397005 1 M 5:10-8:00PM
MEETS: JAN 8-MAY 4

EVENT SALES EVENT 367X 3 CREDITS
Preq: EVENT 271, MEADM 440
Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
9974005 TR 11:00-12:20
MEETS: JAN 8-MAY 4

CONF & CNTG PLANNING EVENT 371 3 CREDITS
Preq: EVENT 271 AND JUNIOR STANDING
Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
1350005 1A TR 8:00-10:00
MEETS: JAN 8-MAY 4
1350010 1B TR 12:40-2:00
MEETS: JAN 8-MAY 4
Note: COURSE RESTRICTED TO MAN, AMDP, HRI, HSP M, MAJORS
1350015 1C TR 12:40-2:00
MEETS: JAN 8-MAY 4
Note: SEC 1C FOR MAJORS OTHER THAN MA, AM, MD, EVENT, HRI, HSP M

WEDDING PLANNING 4MGT EVENT 373 3 CREDITS
Preq: EVENT 371, EVENT MANAGEMENT MAJOR
8128005 1 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

SPCIAL EVENTS COORD EVENT 471 3 CREDITS
Preq: EVENT 371; JUNIOR STANDING; PERMISSION OF INSTRUCTOR
6904005 1A MWF 9:00-9:50
MEETS: JAN 8-MAY 4
Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY.
6904010 1B MWF 9:00-9:50
MEETS: JAN 8-MAY 4
Note: Department permission required.

EVENT MGT PRODUCTM EVEN 485X 3 CREDITS
Preq: EVENT 471; CLASSIFICATION AS AN EVENT MANAGEMENT MAJOR; APPLICATION AND INSTRUCTOR PERMISSION
Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
9973005 MWF 8:00-8:50
MEETS: JAN 8-MAY 4
Note: Instructor permission required.

INDEPENDENT STUDY CONFERNC EVENT 490B VAR. CREDITS
Preq: APPROVAL OF PROGRAM COORDINATOR
Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION

FAMILY & CONSUMER SCIENCES ED & STUDIES

PLANNING FMLY ED FCEDS 413 4 CREDITS
Preq: FCEDS 106
3985005 TR 1:10-4:50 ANDERSON T
MEETS: JAN 8-MAY 4

SUPERVISION VOCATIONAL FCEDS 417A 3-8 CREDITS
Preq: FCEDS 413, 24 CR IN FAMILY & CONSUMER SCI SUBJECT MATTER, 2.50 CGPA, FULL ADMISSION TO TEACHER EDUCATION, ADVANCE RESERVATION REQUIRED
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
OFFERED FOR 8 CREDITS
3987005 1 ARRANGED ANDERSON T
MEETS: JAN 8-MAY 4

SUPERVISION FAMILY SCI FCEDS 417B 3-8 CREDITS
Preq: FCEDS 413, 24 CR IN FAMILY & CONSUMER SCI SUBJECT MATTER, 2.50 CGPA, 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
3988005 1 ARRANGED ANDERSON T
MEETS: JAN 8-MAY 4

PRE-TCHG PRCTCM/ Lab FCEDS 480A 1 CREDIT
Preq: ADMISSION TO TEACHER EDUCATION
Note: RESTRICTED TO STUDENTS WITH ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Satisfactory-Fail only.
9460005 TR 8:00-8:50 ANDERSON T
MEETS: JAN 8-MAY 4

PRE-TCHG PRA/DV Lab FCEDS 480B 1 CREDIT
Preq: RESTRICTED TO STUDENTS WITH ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Satisfactory-Fail only.
9484005 A ARRANGED ANDERSON T
MEETS: JAN 8-MAY 4

FAMILY & CONSUMER SCIENCES ED & STUDIES (CONTINUED)

INDEPENDENT STUDY GENERAL FCEDS 490G VAR. CREDITS
Preq: DEPARTMENTAL APPROVAL
Note: SEE DEPT FOR REFERENCE NUMBERS

SUPERVISORY COMMUNICATION FCEDS 491A 3-8 CREDITS
Preq: HD FS 449; 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED
2261005 ARRANGED ANDERSON T
MEETS: JAN 8-MAY 4

SUPERVISORY PRO STU FCEDS 491B 3-8 CREDITS
Preq: HD FS 449; 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED
2272005 ARRANGED ANDERSON T
MEETS: JAN 8-MAY 4

PROGRESSIVE ASSESSMENT FCEDS 507 3 CREDITS
Preq: PROFESSIONAL EXPERIENCE IN FCS OR RELATED AREA
4012005 TR 1:10-4:50 ANDERSON T
MEETS: JAN 8-MAY 4

FINANCE

PRINCIPLES OF FINANCE FIN 301 3 CREDITS
Preq: ACCT 284, ECON 101, STAT 226
Note: SEC A, B, C, D, E, F, J, K, L, M RESTRICTED TO BUSINESS COLLEGE MAJORS. SEC G FOR ALL OTHER NON-BUS & AG B, AN S, 4 & S ALMS ALSO NOT OPEN TO P BUS MAJORS.
NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
3689005 A M 8:00-8:50
MEETS: JAN 8-MAY 4
3689010 B MWF 9:00-10:50
MEETS: JAN 8-MAY 4
3689015 C MWF 11:00-11:50
MEETS: JAN 8-MAY 4
3689020 D MN 5:10-6:25PM
MEETS: JAN 8-MAY 4
3689025 E TR 8:00-9:20
MEETS: JAN 8-MAY 4
3689030 F TR 9:30-10:15PM
MEETS: JAN 8-MAY 4
3689035 G TR 12:10-1:55PM
MEETS: JAN 8-MAY 4
Note: SEC C FOR ALL OTHER COLLEGES OTHER THAN BUS & AG B, AN S & CY S. SEC A1, B1, E1, E2, E3 RESTRICTED TO BUSINESS MAJORS.
3689040 J TR 12:40-1:15PM
MEETS: JAN 8-MAY 4
3689045 K TR 5:10-6:25PM
MEETS: JAN 8-MAY 4
3689050 L TR 2:10-3:25
MEETS: JAN 8-MAY 4
3689055 M MWF 2:10-3:00
MEETS: JAN 8-MAY 4

CORPORATE FINANCE FIN 310 3 CREDITS
Preq: 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. SEC A1, B1, ETC RESTRICTED TO BUSINESS MAJORS.
3691005 A1 MWF 12:10-1:00
MEETS: JAN 8-MAY 4
3691010 A2 MWF 12:10-1:00
MEETS: JAN 8-MAY 4
3691015 B1 MWF 3:10-4:00
MEETS: JAN 8-MAY 4
3691020 B2 MWF 3:10-4:00
MEETS: JAN 8-MAY 4
3691025 C1 MWF 11:30-12:15PM
MEETS: JAN 8-MAY 4
3691030 C2 MWF 11:00-11:50
MEETS: JAN 8-MAY 4
3691035 D1 MWF 11:00-12:00
MEETS: JAN 8-MAY 4
3691040 D2 MWF 11:00-12:00
MEETS: JAN 8-MAY 4

INVESTMENTS FIN 320 3 CREDITS
Preq: FIN 301
Note: SEC A1, B1, ETC RESTRICTED TO FIN MAJORS. SEC A2, B2, ETC FOR BUSINESS MAJORS ONLY. NOT OPEN TO P BUS MAJORS. SEC A1, B1, ETC RESTRICTED TO BUSINESS MAJORS.
3692005 A1 MWF 8:00-8:50
MEETS: JAN 8-MAY 4
3692010 A2 MWF 8:00-8:50
MEETS: JAN 8-MAY 4
3692015 B1 MWF 9:00-9:50
MEETS: JAN 8-MAY 4
3692020 B2 MWF 9:00-9:50
MEETS: JAN 8-MAY 4
3692025 C1 TR 11:00-12:00
MEETS: JAN 8-MAY 4
3692030 C2 TR 3:10-4:00
MEETS: JAN 8-MAY 4
3692035 D1 TR 5:10-6:25PM
MEETS: JAN 8-MAY 4
3692040 D2 TR 5:10-6:25PM
MEETS: JAN 8-MAY 4
FIXED INCOME SECURITI  FIN  327  3 CREDITS  
Prereq: FIN 301  
Note: COURSE RESTRICTED TO FIN MAJORS ONLY. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.  
8796005  A1 MWF 11:00-11:50PM  MEETS: JAN 8-MAY 4  
FINAN MKTS&INSTITUT  FIN  330  3 CREDITS  
Prereq: FIN 301  
Note: SEC A1,B1,SEC A2,B2,SEC A3,B3 ETC RESTRICTED TO FIN MAJORS ONLY. SEC A2,B2,ETC RESTRICTED TO BUSINESS Majors EXCEPT FIN, P BUS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
6829005  A1 MWF 9:00-9:50  MEETS: JAN 8-MAY 4  
6829010  A2 MWF 9:00-9:50  MEETS: JAN 8-MAY 4  
6829015  B1 MWF 1:10-2:00  MEETS: JAN 8-MAY 4  
6829020  B2 MWF 1:10-2:00  MEETS: JAN 8-MAY 4  
PERSNL RISK MGMT&INS  FIN  361  3 CREDITS  
Prereq: ECON 101  
Note: SEC A1,B1,SEC A2,B2,ETC RESTRICTED TO FIN MAJORS ONLY. SEC A2,B2,ETC RESTRICTED TO BUS MAJORS EXCEPT FIN, P BUS. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.  
3693005  A1 TR 11:00-12:15  MEETS: JAN 8-MAY 4  
3693010  A2 TR 11:00-12:15  MEETS: JAN 8-MAY 4  
REAL ESTATE PRINCIP  FIN  371  3 CREDITS  
Prereq: ECON 101  
Note: SEC A1,B1,SEC A2,B2,ETC RESTRICTED TO FIN MAJORS ONLY. SEC A2,B2,ETC RESTRICTED TO BUS MAJORS EXCEPT FIN, P BUS. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.  
3690005  A1 TR 12:10-1:00  MEETS: JAN 8-MAY 4  
3690010  A2 TR 12:10-1:00  MEETS: JAN 8-MAY 4  
3690015  B1 MWF 8:00-8:50  MEETS: JAN 8-MAY 4  
3690020  B2 MWF 8:00-8:50  MEETS: JAN 8-MAY 4  
BUS FINANCIAL DECISNS  FIN  415  3 CREDITS  
Prereq: FIN 301  
Note: NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.  
36898005  A1 T 6:40-9:25PM  MEETS: JAN 8-MAY 4  
36898010  A2 T 6:40-9:25PM  MEETS: JAN 8-MAY 4  
FIN FUTURES&OPTIONS  FIN  424  3 CREDITS  
Prereq: FIN 320  
Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
36970005  A1 TR 12:10-1:00  MEETS: JAN 8-MAY 4  
3697010  A2 TR 12:10-1:00  MEETS: JAN 8-MAY 4  
SECUR ANALY&PRTFOL  FIN  425  3 CREDITS  
Prereq: FIN 320, STAT 326 AND PERMISSION OF INSTRUCTOR  
7201010  A MWF 6:40-9:25PM  MEETS: JAN 8-MAY 4  
ADV FIXD INCN ANALY  FIN  428  3 CREDITS  
Prereq: FIN 320, FIN 310, STAT 326  
Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
7492005  A1 MWF 3:10-4:00  MEETS: JAN 8-MAY 4  
7492010  A2 MWF 3:10-4:00  MEETS: JAN 8-MAY 4  
VENTURE CAPTL,MERGR  FIN  435  3 CREDITS  
Prereq: FIN 310, FIN 320, STAT 326  
Note: COURSE RESTRICTED TO AG B, FIN UNDERGRADS ONLY  
8935005  A TR 3:40-4:55  MEETS: JAN 8-MAY 4  
BANK MGT DECISIONS  FIN  445  3 CREDITS  
Prereq: STAT 326, FIN 330 OR ECON 353  
Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
3696005  A1 T 6:40-9:25PM  MEETS: JAN 8-MAY 4  
Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY  
3696010  A2 T 6:40-9:25PM  MEETS: JAN 8-MAY 4  
Note: SEC A2 FOR BUSINESS MAJORS OTHER THAN FIN OR P BUS  
ANALYTICAL FINANCE  FIN  450X  3 CREDITS  
Prereq: STAT 326 AND ECON 301 OR FIN 301  
Note: COURSE RESTRICTED TO BUSINESS COLLEGE MAJORS EXCEPT GRADUATE STUDENTS  
4521005  A TR 10:00-10:50  MEETS: JAN 8-MAY 4  
CORPOR RISK MGMT&INS  FIN  462  3 CREDITS  
Prereq: FIN 301 AND STAT 326  
Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
9268005  A1 TR 3:40-5:00  MEETS: JAN 8-MAY 4  
Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY  
9268010  A2 TR 3:40-5:00  MEETS: JAN 8-MAY 4  
REAL ESTATE FINANCE  FIN  472  3 CREDITS  
Prereq: FIN 301 AND STAT 326  
Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
4555005  A1 MWF 12:10-3:00  MEETS: JAN 8-MAY 4  
Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY  
4555010  A2 MWF 12:10-3:00  MEETS: JAN 8-MAY 4  
Note: SEC A2 FOR BUSINESS MAJORS OTHER THAN FIN OR P BUS  
REAL ESTATE INVESTMT  FIN  474  3 CREDITS  
Prereq: FIN 301, STAT 326  
9641005  A TR 12:10-1:00  MEETS: JAN 8-MAY 4  
INTRNATIONAL FINANCE  FIN  480  3 CREDITS  
Prereq: FIN 310 OR FIN 320 OR FIN 330  
Note: COURSE RESTRICTED BUSINESS COLLEGE UNDERGRADS NOT OPEN TO P BUS OR GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN  
5131005  A TR 12:10-1:00  MEETS: JAN 8-MAY 4  
INDEPENDENT STUDY  FIN  490  1- 3 CREDITS  
Prereq: FIN 301, STAT 326 AND PERMISSION OF INSTRUCTOR  
**********  SEE DEPT FOR REFERENCE NUMBERS  
BANKING INTERNSHIP  FIN  499A  1- 3 CREDITS  
Prereq: GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR; STAT 326  
Satisfactory-Fail Only.  
9403005  A1 TR 12:10-1:00  MEETS: JAN 8-MAY 4  
Note: College permission required to add during 1st week. Go to 1200 Gerdin.  
INSURANCE INTERNSHIP  FIN  499B  1- 3 CREDITS  
Prereq: FIN 361; STAT 326; GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
9555005  A5 ARRANGED  MEETS: JAN 8-MAY 4  
Note: College permission required to add during 1st week. Go to 1200 Gerdin.  
INTERNS REAL ESTATE  FIN  499C  1- 3 CREDITS  
Prereq: FIN 301 PLUS 3 ADDL CREDITS IN FINANCE; STAT 326; GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
3098005  A5 ARRANGED  MEETS: JAN 8-MAY 4  
Note: College permission required to add during 1st week. Go to 1200 Gerdin.  
INTERNSHIP INVESTMT  FIN  499D  1- 3 CREDITS  
Prereq: STAT 326; FIN 320, GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
6516005  A5 ARRANGED  MEETS: JAN 8-MAY 4  
Note: College permission required to add during 1st week. Go to 1200 Gerdin.
## FOOD SCIENCE & HUMAN NUTRITION

### FOOD & THE CONSUMER

**FS HN 101**
- Credit
- Prereq: High School Biology and Chemistry OR 3 Credits Each in Biology and Chemistry
- 1 Credit
- Section: 3659005
  - Time: MWF 4:30-5:40
  - Instructor: GILBERT K
- Note: Restricted to CUSFA, CUSFH Majors Only

### PROFESSIONAL EDUC PREP

**FS HN 110**
- Credit
- Prereq: Satisfactory Fall Only
- 1 Credit
- Section: 3661005
  - Time: TR 2:10-3:00
  - Instructor: DEATON M
  - Note: Restricted to Business College Graduate Students

### FUND OF FOOD PREPAR

**FS HN 111**
- 2 Credits
- Prereq: FS HN 101 OR FS HN 167; 3 Credits in Chemistry or Chem 160; Concurrent Enrollment in FS HN 115.
- Note: Course Restricted to Event, HRI, HSP, PCE, NS A and NS H Majors Only
- 1 Credit
- Section: 3602005
  - Time: TR 2:10-3:00
  - Instructor: GILBERT K
  - Note: Restricted to Business College Graduate Students

### FOOD PREPARAT LAB

**FS HN 115**
- Credit
- Prereq: Credit or Enrollment in FS HN 111 or FS 214
- 1 Credit
- Section: 2922005
  - Notes: Course Restricted to CUSFA, DIETH, NS A, NS H Majors Only

### INTRO CULINARY SKILLS

**FS HN 104**
- 1 Credit
- Prereq: Course Restricted to CUSFA, CUSFH Majors Only
- Note: Restricted to Business College Graduate Students
- 1 Credit
- Section: 8416005
  - Time: MWF 1:10-2:00
  - Instructor: GILBERT K

### UNDERSTAND WINE SCIENCE

**FS HN 276**
- 1 Credit
- Prereq: Credit or Enrollment in FS HN 215
- Note: Section XW is off campus
- 1 Credit
- Section: 3600005
  - Time: MWF 1:10-2:00
  - Instructor: KRUEGER T

### INTRO HUMAN NUTRITION

**FS HN 167**
- 3 Credits
- Prereq: High School Biology or 3 CR of Biology
- 3 Credits
- Section: 3600005
  - Time: MF 8:00-8:45
  - Instructor: KRUEGER T

### ADV FOOD PREPAR LAB

**FS HN 215**
- 2 Credits
- Prereq: Credit or Enrollment in FS HN 214
- Note: Course Restricted to CUSFA, CUSFH, DIETH, NS A, NS H, PCE, P DTA Majors Only
- 1 Credit
- Section: 2950005
  - Time: TR 9:00-11:50
  - Instructor: SVERSDEN L

### THE U.S. FOOD SYSTEM

**FS HN 242**
- 3 Credits
- Prereq: FS HN 101 OR Concurrent Enrollment in FS HN 167 or FS HN 104 OR Credit or Enrollment in BMBS 301
- 2 Credits
- Section: 6232005
  - Time: MWF 10:10-11:20
  - Instructor: ROWLING M

### UNDERSTAND WINE SCIENCE

**FS HN 276**
- 1 Credit
- Prereq: Credit or Enrollment in FS HN 215
- Note: Section XW is off campus
- 1 Credit
- Section: 3600005
  - Time: MWF 1:10-2:00
  - Instructor: KRUEGER T

### INTRO FOOD ENGR CNCP

**FS HN 351**
- 3 Credits
- Prereq: FS HN 167 OR Concurrent Enrollment in FS HN 115 OR 111 OR PHYS 115
- 1 Credit
- Section: 7085005
  - Time: MF 8:00-8:50
  - Instructor: WEN Z

### NUTRITION ASSESSMT

**FS HN 361**
- 2 Credits
- Prereq: FS HN 265; 3 Credits in Statistics; 3 Credits in Physiology Recommended
- Note: Restricted to DIET, DIETH, NS A, NS H, PCE, PDEXA, PDEXH Majors Only
- 1 Credit
- Section: 3608005
  - Time: TR 1:10-4:00
  - Instructor: GILBERT K

### NUTRITION ASSESSMT

**FS HN 361**
- 2 Credits
- Prereq: FS HN 265; 3 Credits in Statistics; 3 Credits in Physiology Recommended
- Note: Restricted to DIET, DIETH, NS A, NS H, PCE, PDEXA, PDEXH Majors Only
- 1 Credit
- Section: 3608005
  - Time: TR 1:10-4:00
  - Instructor: GILBERT K

### NUTRITION ASSESSMT

**FS HN 361**
- 2 Credits
- Prereq: FS HN 265; 3 Credits in Statistics; 3 Credits in Physiology Recommended
- Note: Restricted to DIET, DIETH, NS A, NS H, PCE, PDEXA, PDEXH Majors Only
- 1 Credit
- Section: 3608005
  - Time: TR 1:10-4:00
  - Instructor: GILBERT K

### NUTRITION ASSESSMT

**FS HN 361**
- 2 Credits
- Prereq: FS HN 265; 3 Credits in Statistics; 3 Credits in Physiology Recommended
- Note: Restricted to DIET, DIETH, NS A, NS H, PCE, PDEXA, PDEXH Majors Only
- 1 Credit
- Section: 3608005
  - Time: TR 1:10-4:00
  - Instructor: GILBERT K

### NUTRITION ASSESSMT

**FS HN 361**
- 2 Credits
- Prereq: FS HN 265; 3 Credits in Statistics; 3 Credits in Physiology Recommended
- Note: Restricted to DIET, DIETH, NS A, NS H, PCE, PDEXA, PDEXH Majors Only
- 1 Credit
- Section: 3608005
  - Time: TR 1:10-4:00
  - Instructor: GILBERT K

### NUTRITION ASSESSMT

**FS HN 361**
- 2 Credits
- Prereq: FS HN 265; 3 Credits in Statistics; 3 Credits in Physiology Recommended
- Note: Restricted to DIET, DIETH, NS A, NS H, PCE, PDEXA, PDEXH Majors Only
- 1 Credit
- Section: 3608005
  - Time: TR 1:10-4:00
  - Instructor: GILBERT K

### NUTRITION ASSESSMT

**FS HN 361**
- 2 Credits
- Prereq: FS HN 265; 3 Credits in Statistics; 3 Credits in Physiology Recommended
- Note: Restricted to DIET, DIETH, NS A, NS H, PCE, PDEXA, PDEXH Majors Only
- 1 Credit
- Section: 3608005
  - Time: TR 1:10-4:00
  - Instructor: GILBERT K

### NUTRITION ASSESSMT

**FS HN 361**
- 2 Credits
- Prereq: FS HN 265; 3 Credits in Statistics; 3 Credits in Physiology Recommended
- Note: Restricted to DIET, DIETH, NS A, NS H, PCE, PDEXA, PDEXH Majors Only
- 1 Credit
- Section: 3608005
  - Time: TR 1:10-4:00
  - Instructor: GILBERT K

### NUTRITION ASSESSMT

**FS HN 361**
- 2 Credits
- Prereq: FS HN 265; 3 Credits in Statistics; 3 Credits in Physiology Recommended
- Note: Restricted to DIET, DIETH, NS A, NS H, PCE, PDEXA, PDEXH Majors Only
- 1 Credit
- Section: 3608005
  - Time: TR 1:10-4:00
  - Instructor: GILBERT K

### NUTRITION ASSESSMT

**FS HN 361**
- 2 Credits
- Prereq: FS HN 265; 3 Credits in Statistics; 3 Credits in Physiology Recommended
- Note: Restricted to DIET, DIETH, NS A, NS H, PCE, PDEXA, PDEXH Majors Only
- 1 Credit
- Section: 3608005
  - Time: TR 1:10-4:00
  - Instructor: GILBERT K

### NUTRITION ASSESSMT

**FS HN 361**
- 2 Credits
- Prereq: FS HN 265; 3 Credits in Statistics; 3 Credits in Physiology Recommended
- Note: Restricted to DIET, DIETH, NS A, NS H, PCE, PDEXA, PDEXH Majors Only
- 1 Credit
- Section: 3608005
  - Time: TR 1:10-4:00
  - Instructor: GILBERT K

### NUTRITION ASSESSMT

**FS HN 361**
- 2 Credits
- Prereq: FS HN 265; 3 Credits in Statistics; 3 Credits in Physiology Recommended
- Note: Restricted to DIET, DIETH, NS A, NS H, PCE, PDEXA, PDEXH Majors Only
- 1 Credit
- Section: 3608005
  - Time: TR 1:10-4:00
  - Instructor: GILBERT K

### NUTRITION ASSESSMT

**FS HN 361**
- 2 Credits
- Prereq: FS HN 265; 3 Credits in Statistics; 3 Credits in Physiology Recommended
- Note: Restricted to DIET, DIETH, NS A, NS H, PCE, PDEXA, PDEXH Majors Only
- 1 Credit
FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

OBESITY & WEIGHT MGT FS HH 365 3 CREDITS
Prereq: BIOL 256 AND BIOL 256L, OR BIOL 306
2978005 1 TR 9:00-10:50  LANNINGHAM-FOSE MEETS: JAN 8 – MAY 4
COMMUNICT NUTRI MGS FS HH 366 3 CREDITS
Prereq: FS HH 264 OR FS HH 265
1553005 1 TR 9:30-10:50  LITCHFIELD R MEETS: JAN 8 – MAY 4
MED TERMINOL FOR PRO FS HH 367 1 CREDIT
9487005 1 ARRANGED  KRUEGER T MEETS: JAN 8 – MAY 4
Note: Course delivery is WWW
9487600 XW ARRANGED  KRUEGER T MEETS: JAN 8 – MAY 4
Note: Section XW is off campus
Course delivery is WWW

FOOD LAWS & REGULATIONS FS HH 403 2 CREDITS
Prereq: 3 CREDITS IN FOOD SCIENCE COURSEWAT AT 200 LEVEL OR ABOVE
3679005 1 MW 11:00-11:50  BREHM-STECHER B MEETS: JAN 8 – MAY 4
FOOD QUALIFICATION FS HH 405 3 CREDITS
Prereq: FS HH 214 OR FS HH 311; STAT 101 OR STAT 104
3667005 1 MF 11:00-12:00  TALBERT J MEETS: JAN 8 – MAY 4
3667010 1 MF 11:00-12:00  TALBERT J MEETS: JAN 8 – MAY 4
3667015 1 MF 11:00-12:00  TALBERT J MEETS: JAN 8 – MAY 4
SAFETY FOOD FROM ANIMALS FS HH 407 3 CREDITS
Prereq: MICRO 410 OR MICRO 420
1882005 1 TR 8:00-9:20  BOYLSTON T MEETS: JAN 8 – MAY 4
DAIRY PRODUCTS EVAL FS HH 408 1 CREDIT
9517005 1 ARRANGED  CLARK S MEETS: JAN 8 – MAY 4
FOOD INGREDIENTS INTERACTION FS HH 411 2 CREDITS
Prereq: FS HH 214 OR FS HH 311 AND FS HH 315
3613005 1 M 8:00-8:50 BOYLSTON T MEETS: JAN 8 – MAY 4
3613010 2 M 8:00-8:50 BOYLSTON T MEETS: JAN 8 – MAY 4
3613015 3 M 8:00-8:50 BOYLSTON T MEETS: JAN 8 – MAY 4
FOOD PRODUCT DEVELOPMENT FS HH 412 3 CREDITS
Prereq: FS HH 211 OR FS HH 411
3618005 1 T 11:00-12:00 PRUSA K MEETS: JAN 8 – MAY 4
3618010 2 T 11:00-12:00 PRUSA K MEETS: JAN 8 – MAY 4
FOODBORNE HAZARDS FS HH 419 3 CREDITS
Prereq: MICRO 201 OR MICRO 302, A COURSE IN BIOCHEMISTRY
Note: CREDIT FOR EITHER FS HH/TOX/MICRO 419 OR FS HH/MICRO 517, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
8419005 1 TR 9:30-11:50 MENDONCA A MEETS: JAN 8 – MAY 4
FOOD MICROBIOLOGY LAB FS HH 421 3 CREDITS
Prereq: MICRO 201 OR MICRO 302; MICRO 201L OR MICRO 302L. CREDIT OR ENROLLMENT IN FS HH/MICRO 420
7208005 1 TR 9:30-11:30 COLEMAN S MEETS: JAN 8 – MAY 4
ANALYSIS FOOD MRKTS FS HH 435X 3 CREDITS
Prereq: STAT 226, ECON 235, ECON 301
9817005 3 TR 10:00-10:50 MEETS: JAN 8 – MAY 4
MEDICAL NUTRITION II FS HH 464 3 CREDITS
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018.
4599005 1 TR 9:30-10:50 CAMPBELL C MEETS: JAN 8 – MAY 4
FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

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.

SUPRV WORK NUTRITION FS HN 491C 1-4 CREDITS Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE APPLIED TOWARD GRADUATION. Satisfactory-Fail Only. See Dept for Reference Numbers.

SUPRV WORK CULINARY FS HN 491D 1-4 CREDITS Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER Note: NO MORE THAN 4 CREDITS OF FS HN 491 MAY BE APPLIED TOWARD GRADUATION. Satisfactory-Fail Only. See Dept for Reference Numbers.

PRACTICUM FS HN 495 2 CREDITS Prereq: SENIOR CLASSIFICATION IN NUTRITIONAL SCIENCE - NUTRITION AND WELLNESS OPTION OR PERMISSION OF INSTRUCTOR; FS HN 366; CREDIT OR ENROLLMENT IN FS HN 463

3048005 1 M 3:10-4:00 LITCHFIELD R Arranged

MEETS: JAN 8-MAY 4

TRAVEL - INTERNATNL FS HN 496A 1-4 CREDITS Prereq: INTERNATIONAL REGISTRATION

6295005 FR T 6:10-8:00 PM ROSENTRATER K ARRANGED

MEETS: JAN 8-MAY 4

Note: SEC FR - PRE-DEPARTURE FOR SUMMER 2018 - STUDY ABROAD TO FRANCE, PARIS - OFFERED FOR 1 CREDIT

COOPERATV EDUCA FS HN 498 1 CREDIT Prereq: PERMISSION OF THE DEPARTMENT CHAIR Satisfactory-Fail Only.

8323005 1 ARRANGED

MEETS: JAN 8-MAY 4

UNDERGRAD RESEARCH FS HN 499 1-6 CREDITS Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK Note: NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE APPLIED TOWARD GRADUATION. See Dept for Reference Numbers.

FOOD QUAL ASSURANCE FS HN 505 3 CREDITS Prereq: FS HN 214 OR FS HN 311; STAT 101 OR STAT 104

3337005 1 MF 1:10-2:00 W 10:00-12:30 MEETS: JAN 8-MAY 4

3337010 2 MF 1:10-2:00 W 1:10-4:00 MEETS: JAN 8-MAY 4

3337015 3 MF 1:10-2:00 W 1:10-4:00 MEETS: JAN 8-MAY 4

SAFETY FOOD FROM ANI FS HN 507 3 CREDITS Prereq: MICRO 420

2196005 1 TR 8:00-9:20 MEETS: JAN 8-MAY 4

SENSORY EVALUATION FS HN 509X 2 CREDITS Prereq: MUST BE AT LEAST 21 YEARS OF AGE; SENIOR CLASSIFICATION OR GRAD STATUS

7588005 1 M 2:10-5:00 W 10:00-12:30 MEETS: JAN 8-MAY 4

Note: Materials fee $125.00

FOOD PRODUCT DEVEL FS HN 512 3 CREDITS Prereq: FS HN 311 OR FS HN 411

5580005 1 T 1:10-2:00 TR 2:10-5:00 PRUSA K MEETS: JAN 8-MAY 4

5580010 2 T 1:10-2:00 TR 2:10-5:00 GILBERT K MEETS: JAN 8-MAY 4

ADV MICROBIOL & BIOTECH FS HN 522 2 CREDITS Arranged

2313005 1 ARRANGED

MEETS: JAN 8-MAY 4

Note: Course delivery is WWW

INTR PROTEIN TECHNQ FS HN 542B 1 CREDIT Satisfactory-Fail Only.

7100005 TR 1:10-2:00 NOTT J MEETS: JAN 8-MAY 4

TR 2:10-4:00 NOTT J

SILVICULTURE FS HN 553 3 CREDITS Prereq: FOR 201 Note: INSTRUCTOR PERMISS

7130005 TR 1:10-2:00 SCHULTZ R MEETS: JAN 8-MAY 4
**FORESTRY (CONTINUED)**

**FOREST RESOURCE ECON FOR 451** 4 CREDITS
Prereq: FOR 203, MATH 150
3731005 A MWF 10:00-10:50 TYNDALL J
M 3:10-6:00PM TYNDALL J
MEETS: JAN 8-MAY 4

**ECOSYSTEM MANAGEMENT FOR 452** 3 CREDITS
Prereq: SENIOR CLASSIFICATION, QR/DM OR EQUIVALENT
Note: COURSE RESTRICTED TO SENIORS ONLY
3732005 A MW 11:00-2:00 SCHULTE-MOORE L
F 11:00-2:00 SCHULTE-MOORE L
MEETS: JAN 8-MAY 4

**FORESTRY PRACTICUM FOR 454** 3 CREDITS
Prereq: 20 CREDITS IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE
Note: Instructor permission required 1st week.
3734005 A F 9:00-9:50 SCHULTZ R
MW 8:00-9:50 SCHULTZ R
MEETS: JAN 8-MAY 4

**ECOSYSTEM MANAGEMENT FOR 552** 3 CREDITS
Prereq: SENIOR CLASSIFICATION AND QR/DM OR EQUIVALENT
Note: COURSE RESTRICTED TO GRADS ONLY
1349005 MW 1:10-2:00 SCHULTE-MOORE L
F 11:00-2:00 SCHULTE-MOORE L
MEETS: JAN 8-MAY 4

**CR COMP FOR BIOLOGY FOR 599A** 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

**CR COMP FOR BIOMTRY FOR 599B** 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

**CR COMP FOR 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
8834005 W 4:10-5:30
MEETS: JAN 8-MAY 4

**FOREST BIOLGY RSRCH FOR 699A** 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

**BIOMETRY RSRCH FOR 699B** 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

**ECONOMICS RSRCH FOR 699C** 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

**MGMT&ADMIN RSRCH FOR 699D** 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

**WOOD SCIENCE RSRCH FOR 699E** 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

**RSRCH PLANT PHYSiol FOR 699F** 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

**FRENCH (CONTINUED)**

**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: JAN 8-MAY 4
3804005 1 MTHR 9:00-9:50 MEETS: JAN 8-MAY 4
3804010 2 MTHR 10:00-10:50 MEETS: JAN 8-MAY 4
3804015 3 MTHR 11:00-11:50 MEETS: JAN 8-MAY 4
Note: SEC 3: HYBRID

**INTERMED FRENCH II FRNCH 202** 4 CREDITS
Prereq: FRNCH 201
Note: MEETS: JAN 8-MAY 4
3809005 1 MTHR 11:10-12:00 MEETS: JAN 8-MAY 4
3809010 2 MTHR 2:10-3:00 MEETS: JAN 8-MAY 4

**GENETICS (CONTINUED)**

**GENETICS ORIENTATN GEN 112** .5 CREDIT
Note: CREDIT IN ONLY ONE OF GEN 110 OR GEN 112 OR GEN 112X MAY BE APPLIED TOWARDS GRADUATION
9730005 A R 2:10-3:00 MEETS: JAN 8-MARCH 2

**COOPERATIVE EDUCATN GEN 298** R CREDIT
Coordinator: SOPHOMORE CLASSIFICATION
4225005 ARRANGED MEETS: JAN 8-MAY 4

**PRINCIP OF GENETICS GEN 313** 3 CREDITS
Prereq: BIOL 211 & BIOL 212L, CREDIT OR ENROLLMENT IN ORGANIC CHEMISTRY
Note: CREDIT IN ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARDS GRADUATION: GEN 260, GEN/BIOL 313 AND 311L, GEN/BIOL 313 AND AG/RNC 320
9559005 1 MW 12:10-1:00 MEETS: JAN 8-MAY 4

**GENETICS LABORATORY GEN 313L** 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN BIOL 313
Note: CREDIT IN ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARDS GRADUATION: GEN 260, GEN/BIOL 313 AND 311L, GEN/BIOL 313 AND AG/RNC 320
9560005 1 M 9:00-10:20 MEETS: JAN 8-MAY 4
9560010 2 MW 10:30-11:50 MEETS: JAN 8-MAY 4
9560015 3 MW 10:30-11:50 MEETS: JAN 8-MAY 4
9560020 4 MW 11:00-1:30 MEETS: JAN 8-MAY 4
9560025 5 MW 1:30-2:50 MEETS: JAN 8-MAY 4
9560030 6 MW 3:10-4:30 MEETS: JAN 8-MAY 4
9560035 7 TR 9:00-10:20 MEETS: JAN 8-MAY 4
9560040 8 TR 11:00-12:20 MEETS: JAN 8-MAY 4
9560045 9 TR 1:10-2:30 MEETS: JAN 8-MAY 4
9560050 10 TR 2:30-3:50 MEETS: JAN 8-MAY 4
9560055 11 TR 12:00-1:20 MEETS: JAN 8-MAY 4
9560060 12 TR 1:20-2:40 MEETS: JAN 8-MAY 4
GENETICS

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 FG 11:10-5:00 MEETS: JAN 8-MAY 4

GENOME PRSPCTV BIOL GEN 349 3 CREDITS
Prereq: GEN 313 OR GEN 320
9690005 TR 9:40-5:30 MEETS: JAN 8-MAY 4

MOLECULAR GENETICS GEN 409 3 CREDITS
Prereq: BIOL 313
3832005 A MF 10:00-10:50 MEETS: JAN 8-MAY 4

ANALYTICAL GENETICS GEN 410 3 CREDITS
Prereq: GEN 409
3833005 A MF 9:00-9:50 MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO AGRON, GEN S MAJORS ONLY
3833010 B MF 9:00-9:50 MEETS: JAN 8-MAY 4
Note: SEC B FOR MAJORS OTHER THAN AGRON, GEN

INDEPENDENT STUDY GEN 490 1-5 CREDITS
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

UG SEMNR PRO PRACTC GEN 491 1 CREDIT
Prereq: BIOL 313 OR GEN 313; CREDIT OR ENROLLMENT IN GEN 409 OR GEN 410; JUNIOR CLASSIFICATION
3837005 W 3:10-4:00 MEETS: JAN 8-MAY 4

LAB TCHG EXPERIENCE GEN 492 1-2 CREDITS
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 2 CREDITS OF GEN 490 OR GEN 492 MAY BE APPLIED TOWARD THE GENETICS ADVANCED COURSE REQUIREMENT
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GENETICS GEN 495 1-3 CREDITS
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS OF UNIVERSITY-WIDE 490-499 CREDITS 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

GENET 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 C R 11:10-3:00 MEETS: JAN 8-MAY 4

SPECIAL TOPICS GENET 590 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
GRAD STU SEMNR GENET 690 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
9682005 W 4:10-5:00 MEETS: JAN 8-MAY 4

GENETICS - INTERDISCIPLINARY (CONTINUED)

GENET RESEARCH ROTAT GENET 697 VAR. CREDITS
9316005 SR ARRANGED
MEETS: JAN 8-MAY 4

RESEARCH SEMINAR GENET 699 VAR. CREDITS
SEE DEPT FOR REFERENCE NUMBERS

GENETICS, DEVELOPMENT & CELL BIOL

ADV MOLECULR GENETC GDCB 511 3 CREDITS
Prereq: BIOL 313 AND BBMB 405
2943005 MF 9:00-9:50 MEETS: JAN 8-MAY 4

INTR PROTEIN TECHN GDCB 542B 1 CREDIT
Satisfactory-Fail Only.
7092005 TR 11:10-2:00 MEETS: JAN 8-MAY 4
7096005 TR 2:10-4:00 MEETS: JAN 8-MAY 4

INTRO CELL TECHNIQS GDCB 542C 1 CREDIT
Satisfactory-Fail Only.
7096005 TR 11:10-2:00 NOTT J
TR 2:10-4:00 NOTT J MEETS: JAN 8-MAY 4

ADV NEUROSCI TECHNQ GDCB 557 3 CREDITS
Prereq: NEURO 556 OR EQUIVALENT COURSE
Note: Instructor permission required 1st week.
9566005 ARRANGED
MEETS: JAN 8-MAY 4
Note: THERE IS A $75 FEE ASSOCIATED WITH THIS COURSE

STAT BIOINFORMATICS GDCB 568 3 CREDITS
Prereq: BCB 567, BIOL 315 AND STAT 430; CREDIT OR ENROLLMENT IN GEN 409
5576005 TR 9:30-10:50 MEETS: JAN 8-MAY 4

SYSTEMS BIOLOGY GDCB 570 3 CREDITS
Prereq: BCB 567, BIOL 315, COM S 311, COM S 208 OR COM S 228, GEN 411, STAT 430
5577005 1 TR 12:40-2:00 MEETS: JAN 8-MAY 4

SPECIAL TOPICS GDCB 590 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR IN GDCB GDCB 690 1 CREDIT
Satisfactory-Fail Only.
7142005 T 4:10-5:00 MEETS: JAN 8-MAY 4

RESEARCH SEMINAR GDCB 696 1 CREDIT
Satisfactory-Fail Only.
8832005 W 4:10-5:30 MEETS: JAN 8-MAY 4

SEMN MOLEC,C,DV BIO GDCB 698 1-2 CREDITS
Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2018.
3856005 M 3:30-5:00 MEETS: JAN 8-MAY 4

RESEARCH GDCB 699 VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

THE EARTH GEOL 100 3 CREDITS
3870005 A MF 11:00-11:50 DAWSON J
3870010 B MF 11:00-11:50 DAWSON J
MEETS: JAN 8-MAY 4

THE EARTH LAB GEOL 100L 1 CREDIT
7595005 1 T 10:00-11:50 MEETS: JAN 8-MAY 4
7595010 2 T 11:00-3:00 MEETS: JAN 8-MAY 4
7595015 3 R 11:00-3:00 MEETS: JAN 8-MAY 4
7595020 4 R 10:00-11:50 MEETS: JAN 8-MAY 4

ENVIRONMNTL GEOLOGY GEOL 101 3 CREDITS
7596005 A MF 10:00-10:50 CAISSIE B
MEETS: JAN 8-MAY 4
7596600 XW ARRANGED ANKERSTJERNE S

Note: Section XW is off campus
Note: Materials fee $50.00

MEETS: JAN 8-MAY 4
W 2:10-4:00            SIMPKINS W
3064005   2 T 3:10-5:00            SIMPKINS W

EARTH&SPACE SCI LAB GEOL 106L 1 CREDIT
Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD EDUCATION; CONCURRENT ENROLLMENT IN GEO106/ASTRO 106
8582005 1 M 2:10-4:00            MEETS: JAN 8-MAY 4
8582010 2 M 12:10-2:00            MEETS: JAN 8-MAY 4
8582015 3 M 10:00-11:30            MEETS: JAN 8-MAY 4
8582020 4 M 5:10-7:00PM            MEETS: JAN 8-MAY 4

Note: Course delivery is WWW

EARTH, WIND &F ORIENT GEOL 113 1 CREDIT
Prereq: CHEM 178, CHEM 178L, JUNIOR CLASSIFICATION
2314005 2 TR 11:00-11:50            MEETS: JAN 8-MAY 4
F 1:10-3:00            SWANNER E
Note: Equipment use and field trips & travel fee $70.00

STABLE ISOTOPES ENV GEOL 426 3 CREDITS
Prereq: 4 COURSES IN BIOL OR PHYSICAL SCIENCES
6837005 5 TR 9:30-10:50            MEETS: JAN 8-MAY 4
WANAMAKER A

GIS FOR GEOSCIENTIST GEOL 452 3 CREDITS
Prereq: GEOL 100, GEOL 201 OR EQUIVALENT
3092005 5 MW 11:00-12:00            ZHOU Y
F 4:10-5:00            ZHOU Y
MW 5:10-6:00PM            MEETS: JAN 8-MAY 4

SEISMC MTHDS EXPLOR GEOL 457 3 CREDITS
Prereq: GEOL 100 OR GEOL 201; ALGEBRA AND TRIGONOMETRY
6248005 5 MW 10:00-10:50            MEETS: JAN 8-MAY 4
BERESNEV I

GLACIAL & QUATERNARY GEOL 474 3 CREDITS
Prereq: GEOL 100 OR GEOL 201 OR EQUIVALENT EXPERIENCE
8422005 3 M 2:10-3:00            MEETS: JAN 8-MAY 4
IVerson N

SURV REMOTE SNS TEC GEOL 489 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR THE ENVIRON GEOL 324 3 CREDITS
8231005 3 TR 9:30-10:50            MEETS: JAN 8-MAY 4
ZUO Y

SATELL RMT SENS LAB GEOL 499L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR MTEOR 589 OR GEOL 499 OR GEOL 589 OR NREM 499
5244005 5 M 3:10-4:00            MEETS: JAN 8-MAY 4

INDEPENDENT STUDY GEOL 490 1-3 CREDITS
Prereq: 6 CR IN GEOLOGY & PERMISSION OF INSTRUCTOR
5244005 5 R 11:00-1:50            MEETS: JAN 8-MAY 4

SATELL RMT SENS LAB GEOL 499L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR MTEOR 589 OR GEOL 499 OR GEOL 589 OR NREM 499
5244005 5 R 11:00-1:50            MEETS: JAN 8-MAY 4

INDEPENDENT STUDY GEOL 495 1 CREDIT
Prereq: JUNIOR OR SENIOR CLASSIFICATION
8231005 4 TR 11:00-12:00            MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATN GEOL 498 R CREDIT
Prereq: GEOL 100 OR GEOL 201, GEOL 100L, GEOL 102, GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR; SOPH CLASSIFICATION
4830005 3 ARRANGED            MEETS: JAN 8-MAY 4

GEOLOGY (CONTINUED)
**GEOLGY (CONTINUED)**

**GLACIAL & QUATERNARY**

**GEOL 574** 3 CREDITS
Prereq: GEOL 100 OR GEOL 201
8423005  THU 2:10-3:00
R 1:10-3:00
MEETS: JAN 8-MAY 4

**GIS FOR GEOSCIENCE**

**GEOL 588** 3 CREDITS
Prereq: GEOL 102 OR C & P 451 OR PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SURV REMOTE SNS TEC**

**GEOL 589** 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING
9754005  TR 9:30-10:50
MEETS: JAN 8-MAY 4

**SPL TOP SURFIC PROC**

**GEOL 590A** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPL TOP STRATIGRAPH**

**GEOL 590B** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPL TOP SEDIMENTATN**

**GEOL 590C** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPL TOP PALEONTOLOGY**

**GEOL 590D** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPL TOPS PETROLOGY**

**GEOL 590E** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPCL TOPICS GEOCHEM**

**GEOL 590G** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPCL TOPICS HYDROGEO**

**GEOL 590H** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPCL TOPICS EARTH SCI**

**GEOL 590I** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPL TOP MIN RESOURC**

**GEOL 590J** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPL TOP GEOPHYSICS**

**GEOL 590K** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPL TOP MINERALOGY**

**GEOL 590L** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPL TOPS TECTONICS**

**GEOL 590M** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SP TOP PALEOCO&CLI**

**GEOL 590N** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPL TOP ISO TP GCHM**

**GEOL 590O** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPL TOP COMPUTA&GIS**

**GEOL 590P** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPL TOP SRCF HYDROL**

**GEOL 590R** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**SPL TOP OCEANOGRAPHY**

**GEOL 590S** 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

**GRADUATE SEMINAR**

**GEOL 595A** 1 CREDIT
Prereq: SENIOR OR GRADUATE CLASSIFICATION
Satisfactory-Fail Only
8219005  F 4:10-6:00PM
MEETS: JAN 8-MAY 4

**GRADUATE SEMINAR**

**GEOL 595B** R CREDIT
Prereq: SENIOR OR GRADUATE CLASSIFICATION
Satisfactory-Fail Only
8220005  F 4:10-6:00PM
MEETS: JAN 8-MAY 4

**CREATIVE COMPONENT**

**GEOL 599** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**ADV SEM EARTH MTRLS**

**GEOL 610A** 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**ADV SEM ECONOM GEOL**

**GEOL 610B** 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**ADV SEM GEOCLIMATOLOGY**

**GEOL 610I** 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**ADV SEM SURFIC PROC**

**GEOL 610G** 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RES SURFICIAL PROC**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH STRATIGRAPHY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH SEDIMENTATION**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH PALEONTOLOGY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH PETROLOGY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH GEOCHEMISTRY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH HYDROGEOLOGY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH EARTH SCIENCE**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH MINERAL RESOURC**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH GEOCHEMISTRY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH GEOCHEMISTRY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH EARTH SCIENCE**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RES MINERAL RESOURC**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH GEOCHEMISTRY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH PETROLOGY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH TECTONICS**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH GEOCLIMATOLOGY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH GEOCHEMISTRY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH PETROLOGY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH TECTONICS**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH GEOCHEMISTRY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4

**RESRCH PETROLOGY**

**GEOL 699** VAR. CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
MEETS: JAN 8-MAY 4
GERMANY

ELEMNTERY GERMAN II GER 102 4 CREDITS
Prereq: GER 101
Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
SCHOOL GERMAN MAY NOT ENROLL IN 102.
Meets international perspectives reqmt
3950005 1 MTWR 10:00-10:50
MEETS: JAN 8-MAY 4
3950010 2 MTWR 11:00-11:50
MEETS: JAN 8-MAY 4
3950015 3 MTWR 1:00-1:50
MEETS: JAN 8-MAY 4

INTERM ED GERMAN II GER 202 4 CREDITS
Prereq: GER 201
Note: TEST NOT AVAILABLE IF ALSO REGISTERED
BUSINESS EMPHASIS
Meets international perspectives reqmt
3954005 1 MTWR 9:00-9:50
MEETS: JAN 8-MAY 4
3954010 2 MTWR 10:00-10:50
MEETS: JAN 8-MAY 4

COMPOSITION GER 302 3 CREDITS
Prereq: GER 202
Note: Meets international perspectives reqmt
3956005 1 TR 9:30-10:50
MEETS: JAN 8-MAY 4

G E R M A N Y TO D A Y GER 320 3 CREDITS
Prereq: GER 301 OR GER 304
Note: Meets international perspectives reqmt
3792005 1 MW 3:10-4:30
MEETS: JAN 8-MAY 4

GER FILM& MEDIA STI GER 378 3-4 CREDITS
Prereq: SOPHOMORE CLASSIFICATION. FOR 4 CREDIT, 6 CREDITS IN GERMAN AT THE 300 LEVEL.
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2018.
Meets international perspectives reqmt
7143005 1 T 6:10-9:00PM
MEETS: JAN 8-MAY 4
Note: SEC 1 OFFERED FOR 3 CREDITS SPRING 2018

7143010 2 T 6:10-9:00PM
ARRANGED
MEETS: JAN 8-MAY 4
Note: SEC 2 OFFERED FOR 4 CREDITS SPRING 2018

TOPCS GER CULTUR ST GER 476 3-4 CREDITS
Prereq: SOPHOMORE CLASSIFICATION. FOR 4 CREDIT, 6 CREDITS IN GERMAN AT THE 300 LEVEL OF COURSES INSTRUCTED IN GERMAN.
Note: TOPIC: GERMANY CULTURE
Meets international perspectives reqmt
3958005 1 TR 2:10-3:30
MEETS: JAN 8-MAY 4
Note: SEC 1 OFFERED FOR 3 CREDITS SPRING 2018
3958010 2 TR 2:10-3:30
MEETS: JAN 8-MAY 4
Note: SEC 2 OFFERED FOR 4 CREDITS SPRING 2018

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 IN THE MAJOR
Permission of department chair required.
***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP 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
Permission of department chair required.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP GER CIVILIZTN GER 5900 2-4 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR; 6 CREDITS OF 400-LEVEL GERMAN
***** SEE DEPT FOR REFERENCE NUMBERS

GERONTOLOGY

ADULT DEVELOPMENT GERON 234 3 CREDITS
Prereq: HD FS 102
2026005 1 TR 10:30-11:30
MEETS: JAN 8-MAY 4
MARGRETT J

RETIRED PLN&BENEFITS GERON 378 3 CREDITS
Prereq: J CR IN PRINCIPLES OF ECON, 3 CR IN HD FS
Note: Meets U.S. Diversity reqmt
8564005 MWF 2:10-3:00
GUDMUNSON C
MEETS: JAN 8-MAY 4

GERONTL PREPRAC SEM GERON 466 1 CREDIT
Prereq: 9 CR IN CORE COURSES FOR THE GERON MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR
7869005 ARRANGED
MEETS: JAN 8-MAY 4

GERONTOL PRACTICUM GERON 467 3-6 CREDITS
Prereq: GERON 466, ADVANCE RESERVATION
Note: SEC 2 OFFERED FOR 6 CREDITS SPRING 2018
7870005 ARRANGED
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY GERON 490 VAR. CREDITS
3052005 ARRANGED
MEETS: JAN 8-MAY 4
3052038 JM ARRANGED
MEETS: JAN 8-MAY 4

SURV OF GERONTOLOGY GERON 510 1-3 CREDITS
3053005 W 1:10-2:00
MEETS: JAN 8-MAY 4
Note: OPEN SEC OFFERED FOR 1 CREDIT SPRING 2018
3053010 2 W 1:10-2:00, ARRANGED
MEETS: JAN 8-MAY 4
Note: SEC 3 OFFERED FOR 2 CREDITS SPRING 2018
3053015 3 W 1:10-2:00, ARRANGED
MEETS: JAN 8-MAY 4
Note: SEC 3 OFFERED FOR 3 CREDITS SPRING 2018

SPECIAL TOPICS GERON 590 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP GERON 591 1-9 CREDITS
9810077 PM ARRANGED
MEETS: JAN 8-MAY 4

CREATIVE COMPONENT GERON 599 VAR. CREDITS
9839077 PM ARRANGED
MEETS: JAN 8-MAY 4

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

GLOBAL RESOURCE SYSTEMS

GLOBAL RESOURCE SYS GLOBE 201 3 CREDITS
6635005 TR 9:30-10:50
MEETS: JAN 8-MAY 4

ISSU GLBL RSRC SYS GLOBE 211 1 CREDIT
Note: NO MORE THAN 3 CREDITS OF GLOBE 211 MAY BE APPLYED TOWARD DEGREE REQUIREMENTS
6651005 1 T 3:40-5:00
MEETS: JAN 8-MAY 4
Note: SEC 1 OFFERED FOR 1 CREDIT SPRING 2018
6651010 2 R 3:40-5:00
MEETS: JAN 8-MAY 4
Note: SEC 2 OFFERED FOR 1 CREDIT SPRING 2018

GLOBAL SUSTAINABILITY GLOBE 220 3 CREDITS
Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220 MAY NOT BE APPLIED TOWARD ANY ENGINEERING COLLEGE DEGREE
7869005 1 TR 1:10-3:30
HALLAM A
MEETS: JAN 8-MAY 4

APPRENTICESHIP GLOBE 221 R CREDIT
Satisfactory-Fail Only.
6652005 ARRANGED
MEETS: JAN 8-MAY 4

APRINTICESHIP GLOBE 221 R CREDIT
Satisfactory-Fail Only.
6652005 ARRANGED
MEETS: JAN 8-MAY 4
Note: Instructor permission required.

INDEPENDENT STUDY GLOBE 290 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY GLOBE 290H 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
***** SEE DEPT FOR REFERENCE NUMBERS
GLOBAL RESOURCE SYSTEMS (CONTINUED)

SOCIO-ECON RSRC SYS GLOBE 304 3 CREDITS  
Prereq: GLOBE 201, ECON 101 OR ECON 102  
6154005 TR 12:40-2:00  
MEETS: JAN 8-MAY 4

GLB SYS INTERN PREP GLOBE 320 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
5201005 W 4:10-5:00  
MEETS: JAN 8-MAY 4

INTERNSHIP - GLOBAL RESOURCE SYSTEMS MAJOR 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

GLOBAL RESOURCE SYSTEMS (CONTINUED)

Note: Instructor permission required.

ECONOMIC DEVELOPMNT GLOBE 385 3 CREDITS  
Prereq: ECON 101, ECON 102  
Note: Meets international perspectives reqmt

3230005 1 TR 12:40-2:00  
MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATN GLOBE 398 R CREDIT  
Preq: 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  
MEETS: JAN 8-MAY 4

SENIOR PROJECT GLOBE 401 3 CREDITS  
Prereq: SENIOR CLASSIFICATION IN GLOBE  
6799005 MW 3:10-4:00, ARRANGED  
MEETS: JAN 8-MAY 4

SENIOR PROJ HONORS GLOBE 401H 3 CREDITS  
8914005 MW 3:10-4:00, ARRANGED  
MEETS: JAN 8-MAY 4

GLBL RSOURC CHALLNG GLOBE 402 3 CREDITS  
6815005 T 11:00-12:20  
R 11:00-12:20  
MEETS: JAN 8-MAY 4

INT'L ANIMAL AGRICU GLOBE 441 3 CREDITS  
Note: Meets international perspectives reqmt

7435005 1 TR 11:00-12:15  
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY GLOBE 490A 1-4 CREDITS  
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS  
**

IND STY 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  
MEETS: JAN 8-MAY 4

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  
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY GLOBE 490A 1-4 CREDITS  
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS  
8687005  
MEETS: JAN 8-MAY 4

GLOBAL RESOURCE SYSTEMS (CONTINUED)

SERVICE LEARN INT'L GLOBE 494A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
3581005  
MEETS: JAN 8-MAY 4

Note: Instructor permission required.

SERVC LNG DOMESTIC GLOBE 494B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
3604005  
MEETS: JAN 8-MAY 4

Note: Instructor permission required.

SVC LNG U.S.,DVRSTY GLOBE 494C 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Meets U.S. diversity reqmt

9775005  
MEETS: JAN 8-MAY 4

Note: Instructor permission required.

GL RSOURC ABRD PREP GLOBE 495 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
8845015 CN W 3:10-4:10  
MEETS: JAN 8-MAY 4

Note: SEC ON HIS STUDY ABROAD PREPARATION CLASS IS FOR THE CHINA THAT WILL TAKE PLACE SUMMER 2018

8845005 IT TR 3:10-5:00  
MEETS: JAN 8-MAY 4

Note: SEC IT HIS STUDY ABROAD PREPARATION CLASS IS FOR THE ROMA ITALY TRIP THAT WILL TAKE PLACE SUMMER 2018  
MAY 10-JUNE 5

8845005 UG W 5:10-7:00  
MEETS: JAN 8-MAY 4

Note: SEC UG PRE-TRAVEL FOR SUMMER STUDY ABOARD TO UGANDA.

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS  
6903005 ARRANGED  
MEETS: JAN 8-MAY 4

Note: Instructor permission required.

GRADUATE STUDIES

PREP PUBLSHBL THESIS GR ST 529 3 CREDITS  
9736005 T 11:00-12:20  
MEETS: JAN 8-MAY 4

Note: Instructor permission required.

RSBL RSRCH CONDUCT GR ST 565 1 CREDIT  
7866005 1 W 11:00-11:50  
MEETS: JAN 8-MAY 4

7866010 2 T 11:00-2:00  
MEETS: JAN 8-MAY 4

7866025 5 R 11:00-12:20  
MEETS: JAN 8-MAY 4

7866030 6 W 11:00-12:20  
MEETS: JAN 8-MAY 4

7866035 7 F 11:00-11:50  
MEETS: JAN 8-MAY 4

GRANT WRITING GR ST 569 1 CREDIT  
Prereq: AT LEAST TWO PRIOR YEARS OF GRADUATE CLASSIFICATION  
3910005 1 MW 10:00-10:50  
MEETS: JAN 8-MAY 4

Note: SEC 1: FOCUS ON THE NSF

3910010 2 MW 11:00-11:50  
MEETS: JAN 8-MAY 2

Note: SEC 2: FOCUS ON FULBRIGHT, ARTS, HUMANITIES FUNDING

PREP FUTR FAC SM II GR ST 586 1-3 CREDITS  
Prereq: ADMISSION INTO PFF PROGRAM; COMPLETION OF GR ST 585 OR PERMISSION OF INSTRUCTOR  
7033005 T 3:40-6:40 PM  
MEETS: JAN 8-MAY 4

Note: Instructor permission required.

PREP FAC TCHG PRACT GR ST 587 1-3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, GR ST 585, CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586  
7679005  
MEETS: JAN 8-MAY 4

Note: Instructor permission required.

PREP FIR FAC SPL TP GR ST 588 1-3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, GR ST 585; CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586  
8341005 1 ARRANGED  
MEETS: JAN 8-MAY 4

Note: SEC 1: PFF

8341010 2 ARRANGED  
MEETS: JAN 8-MAY 4

Note: SEC 2: CIFST

8341015 3 ARRANGED  
MEETS: JAN 8-MAY 4

Note: SEC 3: TAR

Instructor permission required.
MEETS: JAN 8-MAY 4
9814005     MW 2:10-5:00

PRACTICAL TRAINING OR ART 697 R CREDIT
6905005     ARRANGED
MEETS: JAN 8-MAY 4

GRAPHIC DESIGN

GRAPHIC DESIGN STUDIO II ARTGR 271 3 CREDITS
Prereq: ART 230, ARTGR 270, ARTGR 275 AND ENROLLMENT IN ARTGR 276
Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
Instructor permission required 1st week.
1786005 A MW 9:00-11:50 MEETS: JAN 8-MAY 4 1786010 B MW 9:00-11:50 MEETS: JAN 8-MAY 4 1786015 C MW 9:00-11:50 MEETS: JAN 8-MAY 4 1786020 D MW 9:00-11:50 MEETS: JAN 8-MAY 4

DG PHOTO FOR GR DSN ARTGR 272 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 270 OR ARTGR 271
9179005 A MW 2:10-5:00 MEETS: JAN 8-MAY 4 9179010 B TR 11:00-2:00 MEETS: JAN 8-MAY 4

GRAPHIC TECHNOLOGY II ARTGR 276 2 CREDITS
Prereq: ARTGR 275 AND CONCURRENT ENROLLMENT IN ARTGR 271
Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
5292005 A T 8:00-9:20 R 8:00-9:20 MEETS: JAN 8-MAY 4 5292010 B T 8:00-9:20 R 8:00-9:20 MEETS: JAN 8-MAY 4 5292015 C T 8:00-9:20 R 8:00-9:20 MEETS: JAN 8-MAY 4 5292020 D T 8:00-9:20 R 8:00-9:20 MEETS: JAN 8-MAY 4

GRAPHIC DESIGN STUDIO IV ARTGR 371 3 CREDITS
Prereq: ARTGR 270 AND ARTGR 277
Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
Instructor permission required 1st week.

GR DSN MTRLS & PROCES ARTGR 372 3 CREDITS
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR 370 OR ARTGR 371
Note: COURSE RESTRICTED TO ARTGR MAJORS
1805005 A TR 6:10-7:30PM MEETS: JAN 8-MAY 4

GRPH DSN INTERN SEM ARTGR 377 1 CREDIT
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR 370 OR ARTGR 371
Note: Instructor permission required 1st week.
7537005 A F 11:00-11:50 MEETS: JAN 8-MAY 4

GR DSN HIST/CRT II ARTGR 388 3 CREDITS
Note: Meets U.S. diversity reqmt
Instructor permission required 1st week.
9451005 MW 11:00-12:00 MEETS: JAN 8-MAY 4

3D MOTION GRAPHICS ARTGR 463 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370 OR ARTGR 371 OR ARTGR 470
9814005 MW 2:10-5:00

GRAPHIC DESIGN (CONTINUED)

GRAPHIC DESGN CAPSTONE ARTGR 471 3 CREDITS
Prereq: ARTGR 470 OR PERMISSION OF INSTRUCTOR

ADVANCED TYPOGRAPHY ARTGR 475 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR 371, ARTGR 470 OR ARTGR 482
Note: COURSE RESTRICTED TO ARTGR UNDERGRADS ONLY
1888005 MW 2:10-5:00 MEETS: JAN 8-MAY 4 Note: Materials, field trips $25.00-$92.00

WAYFINDING DESIGN ARTGR 479 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR 371, ARTGR 470 OR ARTGR 482
Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY.
TOPIC: WAYFINDING DESIGN. FIELD TRIP FEE $250.00
1891005 MW 2:10-5:00 MEETS: JAN 8-MAY 4

GRPH DSGN PRO PRACT ARTGR 481 3 CREDITS
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR 470
Note: Instructor permission required 1st week.
8243005 TR 6:10-7:30PM MEETS: JAN 8-MAY 4

PROFESSIONAL PRESENTATION ARTGR 482 2 CREDITS
Prereq: ARTGR 470 AND CONCURRENT ENROLLMENT IN ARTGR 471
Note: COURSE RESTRICTED TO ARTGR MAJORS

STUDIES IN GRPH DSN ARTGR 484 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: RESTRICTED TO ARTGR MAJORS ONLY. OFFERED FOR 3 CREDITS SPRING 2018
8261005 A MW 2:10-5:00 MEETS: JAN 8-MAY 4 Note: SBC A TOPIC: DIGITAL METHODS IN CREATIVE IDEATION

IND ST THEORY, CRT 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 DESIGN 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 DESIGN 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

INDEPENDENT STUDIES ARTGR 490H 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS 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

PUBLICATION DSN: BOOKS ARTGR 492 3 CREDITS
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR 370 OR ARTGR 371
1994005 TR 10:50-12:50 MEETS: JAN 8-MAY 4

GRPH DSN FIELD STUDY ARTGR 497X 1 CREDIT
Satisfactory-Pass Only.
8803005 ARRANGED
MEETS: JAN 8-MAY 4 Note: Materials, field trips $25.00-$1,070.00
Advanced Typography
ArtGR 575 3 credits
Prereq: Concurrent enrollment in ArtGR 370 or ArtGR 470; or Grad Classification in the College of Design.
Note: Course restricted to Design College graduate students.
Meeting: Jan 8-May 4
Time: 2-10 AM-5 PM
Location: Jan 8-May 4
Description: Instructor permission required 1st week.
Materials: Field trips $25.00-$92.00

Wayfinding Design
ArtGR 579 3 credits
Prereq: Concurrent enrollment in ArtGR 370 or ArtGR 470; or Grad Classification in the College of Design.
Note: Course restricted to ArtGR majors only.
Meeting: Jan 8-May 4
Time: 2-10 AM-5 PM
Location: Jan 8-May 4
Description: Instructor permission required 1st week.

Studies in Graphic Design
ArtGR 584 1-3 credits
Prereq: Grad Classification in College of Design.
Note: Instructor permission required 1st week.
Meeting: Jan 8-May 4
Time: 2-10 AM-5 PM
Location: Jan 8-May 4
Description: Instructor permission required 1st week.
Materials: Field trip fee $25.00-$92.00

Advanced Topics
ArGR 690 3 credits
Prereq: MFA Classification, Instructor permission
Note: Course restricted to Graduate students.
Meeting: Jan 8-May 4
Time: 2-10 AM-5 PM
Location: Jan 8-May 4
Description: Instructor permission required 1st week.

Research - Thesis
ArGR 699 3 credits
Meeting: Jan 8-May 4
Time: 2-10 AM-5 PM
Location: Jan 8-May 4
Description: Instructor permission required 1st week.

Independent Study
Grek 490 1-6 credits
Prereq: 6 CR in GREEK; Permission of department chair.
Note: No more than 9 credits in GREEK 490 may be applied toward graduation.
Meeting: Jan 8-May 4
Time: 2-10 AM-5 PM
Location: Jan 8-May 4
Description: Instructor permission required 1st week.

Health Studies
Hs 110 3 credits
Prereq: Sec A1, B2 et al restricted to A TR, P ATR, KIN H Majors. Sec A2, B2 etc restricted to majors other than A TR, P ATR, KIN H.
Meeting: Jan 8-May 4
Time: 2-10 AM-5 PM
Location: Jan 8-May 4
Description: Instructor permission required 1st week.
Materials: Field trip fee $25.00-$92.00

Drug Education
Hs 215 3 credits
Meeting: Jan 8-May 4
Time: 2-10 AM-5 PM
Location: Jan 8-May 4
Description: Instructor permission required 1st week.
Materials: Field trip fee $25.00-$92.00

Health Education
Hs 275 3 credits
Prereq: HD FS 102 or HD FS 226
Note: Sec A1 restricted to A TR, KIN, P ATR, PDEXA, PDEXH majors. Sec A2, B2 etc restricted to majors other than A TR, KIN, P ATR, PDEXA, PDEXH majors.
Meeting: Jan 8-May 4
Time: 2-10 AM-5 PM
Location: Jan 8-May 4
Description: Instructor permission required 1st week.
Materials: Field trip fee $25.00-$92.00

Publications Books
ArtGR 592 3 credits
Prereq: Graduate enrollment in College of Design.
Note: Instructor permission required 1st week.
Meeting: Jan 8-May 4
Time: 2-10 AM-5 PM
Location: Jan 8-May 4
Description: Instructor permission required 1st week.
Materials: Field trip fee $25.00-$92.00
<table>
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<td>SCHNEIDER W</td>
<td>WH</td>
<td>9-10</td>
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EDU YOUTH HTHY HORT 282 3 CREDITS 7419005 MW 11:00-11:50 12:00-12:50 MEETS: JAN 8-MAY 4 Note: Materials, field trips $0.00

PESTICIDE APPL CERT HORT 283 2 CREDITS 8732205 M 2:10-3:00 MEETS: JAN 8-MAY 4

PLANT PROPAGATION HORT 322 3 CREDITS 4304005 1 TR 10:00-10:50 W 10:00-11:50 MEETS: JAN 8-MAY 4 4304010 2 TR 10:00-10:50 W 11:00-12:00 MEETS: JAN 8-MAY 4

GREENHOUSE OPERATIONS HORT 332 4 CREDITS 4306005 1 MWF 1:10-2:00 W 2:00-3:00 MEETS: JAN 8-MAY 4 4306010 2 MWF 1:10-2:00 W 2:00-3:00 MEETS: JAN 8-MAY 4

WOODY PLANT CULTIVARS HORT 341 2 CREDITS 2770005 TR 8:00-8:50 MEETS: JAN 8-MAY 4

SOIL & PLANT GROWTH HORT 354 3 CREDITS 8494005 1 MWF 10:00-10:50 MEETS: JAN 8-MAY 4

PRIN GARDEN COMPOSITION HORT 380 2 CREDITS 7264005 TR 9:30-10:20 MEETS: JAN 8-MAY 4

BEGIN COMPD SCOPE HORT 381 2 CREDITS 7284005 1 MW 8:00-9:00 2 MW 9:00-10:00 3 MW 10:00-11:00 4 MW 11:00-12:00 5 MW 12:00-1:00 MEETS: JAN 8-MAY 4

HORT MGT EXPERIENCE HORT 391 1 CREDIT 7284005 1 MW 9:00-10:00 2 MW 10:00-11:00 3 MW 11:00-12:00 MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATION HORT 398R 1 CREDIT 7284005 1 MW 1:00-2:00 2 MW 2:00-3:00 3 MW 3:00-4:00 MEETS: JAN 8-MAY 4

VEGETABLE PRODUCTION HORT 471 2 CREDITS 4323005 MW 8:00-8:50 MEETS: JAN 8-MAY 4 Note: Materials, field trips $0.00

IND ST GROWTH CROP HORT 490A 3 CREDITS 1378005 W 3:10-6:00PM MEETS: JAN 8-MAY 4 Note: Materials, field trips $0.00

IND ST NURS CROP HORT 490B 3 CREDITS 9370005 ARRANGED MEETS: JAN 8-MAY 4

IND ST TURFGRASS HORT 490C 3 CREDITS 3163005 ARRANGED MEETS: JAN 8-MAY 4

IND STU FRUIT CROP HORT 490D 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

IND STU CROSS-COMMO HORT 490F 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

IND STU INTRST REAS HORT 490G 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

IND STU INTERNSHIP HORT 490H 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

IND STU FRUIT CROP HORT 490D 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

IND STU INTRST REAS HORT 490G 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

IND STU CROSS-COMMO HORT 490F 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

IND STU INTERNSHIP HORT 490H 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

IND DEEP STUDY HONORS HORT 490I 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

INTERNATIONAL DEEP STUDY HORT 490I 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

IND DEEP STUDY HONORS HORT 490J 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

SEED SCIENCE INTERNSHIP HORT 491I 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

SERVICE LEARN INT'L HORT 494A 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

SERVICE LEARN DOMESTIC HORT 494B 3 CREDITS 3066005 ARRANGED MEETS: JAN 8-MAY 4

DEPARTMENTAL COURSE REQUIREMENTS

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

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** See Dept for Reference Numbers
FOODSERVICE MGT II HSP M 392 3 CREDITS
PreReq: HSP M 391
Note: Instructor permission required 1st week.

HOSPITALITY MANAGEMENT (CONTINUED)

CASE STUDY EVENT MGT HSP M 431X 3 CREDITS
PreReq: Instructor permission required 1st week.

HOSPITALITY MANAGEMENT (CONTINUED)

IND IND ENG HELP WRTN HSP M 699 2 CREDITS
PreReq: HSP M 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT
Note: Instructor permission required 1st week.

CREATIVE COMPONENT HCI 592 3 CREDITS
PreReq: Instructor permission required 1st week.

HUMAN COMPUTER INTERACTION

HOSPITALITY MANAGEMENT (CONTINUED)

SPL TOP CMRC 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.

ADV LNR ENVIR DESN HPC 603 3 CREDITS
PreReq: Instructor permission required 1st week.

HUMAN COMPUTER INTERACTION

STATISTIC LANGU PROC HCI 515 3 CREDITS
PreReq: STAT 310 or EQUIVALENT. RECOMMEND: LING 219 or LING 511

HUMAN COMPUTER INTERACTION

ADV LNR ENVIR DESN HPC 603 3 CREDITS
PreReq: Instructor permission required 1st week.
HUMAN COMPUTER INTERACTION  (CONTINUED)

HCI INTERNSHIP  H 691  R CREDIT
Prereq: GRAD CLASSIFICATION, PERMISSION OF
DIRECTOR OF GRADUATE STUDIES
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  H 699  VAR. CREDITS
Satisfactory-Fail Only.
*******  SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

INDV&FAM DEVELPAHLTH  HD FS 102  3 CREDITS
3491160  XW ARRANGED  DENLINGER M
MEETS: JAN 8-MAY 4
Note: Section XW is off campus
Course delivery is WWW

PRO PRN WRK W CHILD  HD FS 103  .5 CREDIT
Note: CREDIT FOR EITHER HD FS 103 OR HD FS 105, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
COURSE RESTRICTED TO CH FS, ECE, P ECP, F C P,
FCEDS MAJORS ONLY
Satisfactory-Fail Only.
4950005  ARRANGED  LUZE G
MEETS: JAN 8-MAY 4

NEW TRANSPR STU SMNR - HD FS 111  1 CREDIT
Prereq: CLASSIFICATION AS A CH FS, FCEDS OR
F C P MAJOR
Note: COURSE RESTRICTED TO CH FS, FCEDS, F C P MAJORS
Satisfactory-Fail Only.
7003005  M 9:00-11:00  HANSEN M
MEETS: JAN 8-MAY 4

FIRST LECTURE.

PRNSL FIN ERLY ADLT  HD FS 183  1 CREDIT
Prereq: CLASSIFICATION AS A CH FS, FCEDS OR
F C P MAJOR
Note: COURSE RESTRICTED TO CH FS, ECE, P ECP &
FCEDS MAJORS ONLY
Satisfactory-Fail Only.
4390005  W 1:10-2:00  HANSEN M
MEETS: JAN 8-MAY 4

PRO ORIENT&SRSVC LRN  HD FS 218  2 CREDITS
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN
HD FS 102. CLASSIFICATION AS A CH FS MAJOR.
Note: COURSE RESTRICTED TO CH FS MAJORS ONLY
Satisfactory-Fail Only.
2190005  W 1:10-2:00  HANSEN M
MEETS: JAN 8-MAY 4

CHILD DEVEL&PHEALTH  HD FS 223  3 CREDITS
1239600  XW ARRANGED  SHEED C
Note: Section XW is off campus
Course delivery is WWW

DEVELPMNT BIRTH-8YRS  HD FS 224  3 CREDITS
Prereq: HD FS 102 AND HD FS 103
Note: LAB PLACEMENT ASSIGNED AT FIRST LECTURE.
Department permission required 1st week.
7011005  1 TR 12:40-2:00  HUGHES-BELDING K
F 9:00-11:00  HUGHES-BELDING K
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
7011010  2 TR 12:40-2:00  HUGHES-BELDING K
T 9:00-11:00  HUGHES-BELDING K
MEETS: JAN 8-MAY 4
Note: SEC 2 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
7011015  3 TR 12:40-2:00  HUGHES-BELDING K
W 9:00-11:00  HUGHES-BELDING K
MEETS: JAN 8-MAY 4
Note: SEC 3 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
7011020  4 TR 12:40-2:00  HUGHES-BELDING K
R 9:00-11:00  HUGHES-BELDING K
MEETS: JAN 8-MAY 4
Note: SEC 4 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
7011025  5 TR 12:40-2:00  HUGHES-BELDING K
F 9:00-11:00  HUGHES-BELDING K
MEETS: JAN 8-MAY 4

DEVELPMNT & FAMILY STUDIES  (CONTINUED)

DEVELPMNT BIRTH-8YRS  HD FS 224  3 CREDITS
Note: SEC 5 RESTRICTED TO CH FS, ECK, FCEDS MAJORS
7011030  6 TR 12:40-2:00  HUGHES-BELDING K
M 3:10-5:00  HUGHES-BELDING K
MEETS: JAN 8-MAY 4
Note: SEC 6 RESTRICTED TO CH FS, ECK, FCEDS MAJORS
7011035  7 TR 12:40-2:00  HUGHES-BELDING K
T 9:00-11:00  HUGHES-BELDING K
MEETS: JAN 8-MAY 4
Note: SEC 7 RESTRICTED TO CH FS, ECK, FCEDS MAJORS
7011040  8 TR 12:40-2:00  HUGHES-BELDING K
W 9:00-11:00  HUGHES-BELDING K
MEETS: JAN 8-MAY 4
Note: SEC 8 RESTRICTED TO CH FS, ECK, FCEDS MAJORS
7011045  9 TR 12:40-2:00  HUGHES-BELDING K
R 9:00-11:00  HUGHES-BELDING K
MEETS: JAN 8-MAY 4
Note: SEC 9 RESTRICTED TO CH FS, ECK, FCEDS MAJORS
7011050  10 TR 12:40-2:00  HUGHES-BELDING K
F 9:00-11:00  HUGHES-BELDING K
MEETS: JAN 8-MAY 4
Note: SEC 10 RESTRICTED TO CH FS, ECK, FCEDS MAJORS
7011055  11 TR 12:40-2:00  HUGHES-BELDING K
M 9:00-11:00  LIPPARD C
MEETS: JAN 8-MAY 4
7011060  12 TR 12:40-2:00  LIPPARD C
I 9:00-11:00  LIPPARD C
MEETS: JAN 8-MAY 4
7011065  13 TR 12:40-2:00  LIPPARD C
W 9:00-11:00  LIPPARD C
MEETS: JAN 8-MAY 4
7011070  14 TR 12:40-2:00  LIPPARD C
R 9:00-11:00  LIPPARD C
MEETS: JAN 8-MAY 4
7011075  15 TR 12:40-2:00  LIPPARD C
F 9:00-11:00  LIPPARD C
MEETS: JAN 8-MAY 4
7011080  16 TR 12:40-2:00  LIPPARD C
M 3:10-5:00  LIPPARD C
MEETS: JAN 8-MAY 4
7011085  17 TR 12:40-2:00  LIPPARD C
T 3:10-5:00  LIPPARD C
MEETS: JAN 8-MAY 4
7011090  18 TR 12:40-2:00  LIPPARD C
W 3:10-5:00  LIPPARD C
MEETS: JAN 8-MAY 4
7011095  19 TR 12:40-2:00  LIPPARD C
R 3:10-5:00  LIPPARD C
MEETS: JAN 8-MAY 4
7011100  20 TR 12:40-2:00  LIPPARD C
F 3:10-5:00  LIPPARD C
MEETS: JAN 8-MAY 4

ADULT DEVELOPMENT  HD FS 234  3 CREDITS
Prereq: HD FS 102
3401005  1 TR 2:10-3:30  MARGRETT J
MEETS: JAN 8-MAY 4

CONSUMER ISSUES  HD FS 239  3 CREDITS
Note: Meets U.S. diversity reqmt
3494005  MWF 1:10-2:00  HILLMAN A
MEETS: JAN 8-MAY 4

LIT FOR CHILDREN  HD FS 240  3 CREDITS
Prereq: 102 OR PSYCH 230
Note: Meets U.S. diversity reqmt
2194005  A1 TR 3:40-5:00  CLUCAS M
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO CH FS, ECE, EL ED,
FCEDS MAJORS ONLY
2194010  A2 TR 3:40-5:00  CLUCAS M
MEETS: JAN 8-MAY 4
Note: SEC 2 FOR MAJORS OTHER THAN CH FS, ECE, EL ED,
FCEDS MAJORS
2194015  B1 MWF 3:10-5:00  HUGHES-BELDING K
MEETS: JAN 8-MAY 4
Note: SEC B1 RESTRICTED TO CH FS, ECE, EL ED,
FCEDS MAJORS
2194020  B2 MWF 3:10-5:00  HUGHES-BELDING K
MEETS: JAN 8-MAY 4

PRNT&FAM DVRSTY ISS  HD FS 249  3 CREDITS
Note: Meets U.S. diversity reqmt
2207005  1 TR 11:00-12:15  BALTIMORE D
MEETS: JAN 8-MAY 4
2207010  2 TR 11:00-12:15  BALTIMORE D
MEETS: JAN 8-MAY 4
Note: SEC 2 FOR MAJORS OTHER THAN CH FS, ECE, FCEDS,
F C P MAJORS ONLY.

FAMILY COMM&RELATIONS  HD FS 270  3 CREDITS
Prereq: HD FS 102 OR PSYCH 230
Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, F C P
MEETS: JAN 8-MAY 4
7012005  1 MWF 1:10-2:00  HUGHES-BELDING K
MEETS: JAN 8-MAY 4

<table>
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<th>Code</th>
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<th>Instructor</th>
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Note: Section XV is off campus. Course delivery is WWW.
HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

SUP TCH EARLY SP ED HD FS 417C 8 CREDITS
Prereq: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION PROGRAM, HD FS 417A, HD FS 456
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

2213005 1A ARRANGED KROGH J
MEETS: JAN 8-MARCH 2
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.

2213015 1R ARRANGED COLBERT K
MEETS: JAN 8-MARCH 2
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

2213010 2A ARRANGED KROGH J
MEETS: MARCH 5-MAY 4
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

2213020 2R ARRANGED COLBERT K
MEETS: MARCH 5-MAY 4
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE LAST 8 WEEKS OF THE SEMESTER.

PRO PRAC RFLCT:TCCHG HD FS 418A .5 CREDIT
Prereq: CONCURRENT ENROLLMENT IN HD FS 417
Satisfactory-Fail Only.
4952005 ARRANGED KROGH J
MEETS: JAN 8-MAY 4

PRO PRAC RFLCT:INTN HD FS 418B 2 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO CH FS, F C P MAJORS ONLY
Satisfactory-Fail Only.
3681005 W 3:10-5:00 ENLOE L
MEETS: JAN 8-MAY 4

PRG EVAL&PROPOS WRI HD FS 449 3 CREDITS
Prereq: HD FS 369
4 & 5 CREDITS ONLY
2221005 1 TR 11:00-12:20 GILLIGAN M
MEETS: JAN 8-MAY 4

2221010 2 WMF 12:10-1:10 ZARLING A
MEETS: JAN 8-MAY 4

CURR--AGES 3 THRU 6 HD FS 455 4 CREDITS
Prereq: HD FS 345, SP ED 355 AND SP ED 455
Note: INFORMAL BACKGROUND CHECK IS REQUIRED - ASSOCIATED COSTS ARE THE RESPONSIBILITY OF THE STUDENT.
2222005 1 TR 12:40-2:00 KROGH J
MEETS: JAN 8-MAY 4

2222010 2 TR 12:40-2:00 KROGH J
MEETS: JAN 8-MAY 4

2222015 3 TR 12:40-2:00 KROGH J
R 8:00-11:50 KROGH J
MEETS: JAN 8-MAY 4

2222020 4 TR 12:40-2:00 KROGH J
MEETS: JAN 8-MAY 4

Note: Department permission required last 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 SHEED C
MEETS: JAN 8-MAY 4

ENVIR FOR THE AGING HD FS 463 3 CREDITS
Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH, INTRODUCTION TO REHABILITATION, PSYCH OR HD FS
Note: Meets U.S. diversity reqmt
3522600 WMX ARRANGED HILLMAN A
MEETS: JAN 8-MAY 4
Note: Section WMX is off campus

FAMILY INTERACT DYN HD FS 479 3 CREDITS
Prereq: HD FS 102 OR EQUIVALENT; HD FS 369 OR EQUIVALENT; 9 HOURS IN SOCIAL SCIENCES; JUNIOR OR SENIOR STATUS
3524005 1 TR 12:40-2:00 SCHOFIELD T
MEETS: JAN 8-MAY 4

ESTATE PLN FAMILIES HD FS 484 3 CREDITS
Prereq: HD FS 283
4052005 M 5:30-8:30PM LEE D
MEETS: JAN 8-MAY 4

CAPSTN FAM FIN PLAN HD FS 485 3 CREDITS
Prereq: HD FS 283, HD FS 341, HD FS 378, HD FS 383, HD FS 482, FNS 361
4049005 TR 1:10-8:00PM FOX J
MEETS: JAN 8-MAY 4

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

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, F C P MAJORS ONLY
3619005 1 WMF 1:10-2:00 ALLEN B
3619010 2 TR 3:40-5:00 VAN RYSWK J
MEETS: JAN 8-MAY 4

FINANC COUNSEL LAB HD FS 489L 1 CREDIT
8102005 1 ARRANGED STECKELBERG C
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY HD FS 490 VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS
INDEP STUDY HONORS HD FS 490H VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4-9 CREDITS
Prereq: HD FS 418B; PERMISSION OF INSTRUCTOR; SENIOR CLASSIFICATION; MINIMUM 2.0 GPA; RESERVATION REQUIRED ONE SEMESTER BEFORE PLACEMENT
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HD FS 499 1-6 CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSED TO WORK, CONSULT DEPARTMENT OFFICE FOR PROCEDURES
******* SEE DEPT FOR REFERENCE NUMBERS

PRO DEVELP IN HD FS HD FS 502 2 CREDITS
Prereq: GRADUATE CLASSIFICATION, HD FS 501
3431005 T 10:00-11:15 MARTIN P
MEETS: JAN 8-MAY 4

APP QTVE RSCH 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 DORIUS C
7057010 2 T 1:10-4:00, ARRANGED DORIUS C
MEETS: JAN 8-MAY 4
Note: SEC 2 FOR MAJORS OTHER THAN HD FS

FAMILY THEORY HD FS 511 3 CREDITS
Prereq: 9 CREDITS IN SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR
7701005 1 M 9:00-11:40 GILLIGAN M
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO HD FS MAJORS ONLY
7701010 2 M 9:00-11:40 GILLIGAN M
Note: SEC 2 FOR MAJORS OTHER THAN HD FS

INDIV/FAMILY ASESMT HD FS 568 3 CREDITS
Prereq: HD FS 510 OR PERMISSION OF INSTRUCTOR
8132005 P 9:00-11:40 ZARLING A
MEETS: JAN 8-MAY 4

CROSS-CULTR PERSPECT HD FS 575 3 CREDITS
Prereq: 6 CREDITS IN SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt
3556005 R 1:10-4:00 DORIUS C
MEETS: JAN 8-MAY 4

FINANC COUNSEL LAB HD FS 589L 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
3510005 1 ARRANGED GUDMUNSON C
MEETS: JAN 8-MAY 4

SP TOP HUMAN,FAMILY HD FS 590I VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INTEGRITY DV,FAMILY HD FS 591I VAR. CREDITS
Prereq: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HD FS 599 VAR. CREDITS
Prereq: 9 GRAD CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

ADV QUALITVE METHODS HD FS 604 3 CREDITS
Prereq: HD FS 504 OR PERMISSION OF INSTRUCTOR
3586005 1 R 9:00-11:15 JORDAN T
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO HD FS MAJORS ONLY
3586010 2 R 9:00-11:15 JORDAN T
MEETS: JAN 8-MAY 4
Note: SEC 2 FOR MAJORS OTHER THAN HD FS
3586600 XE R 9:00-11:50 JORDAN T
Note: Section XE is off campus
Course delivery is Videostreaming
ADVISORY COUNSELING
HD FS 606 3 CREDITS
Prereq: HD FS 603 OR STAT 404 OR PERMISSION OF INSTRUCTOR.
MEETS: JAN 8-MAY 4
5962005 TR 9:30-10:45 MEETS: JAN 8-MAY 4
Note: OPEN SECTION RESTRICTED TO IND D MAJORS ONLY
5962010 2 TR 9:30-10:45 MEETS: JAN 8-MAY 4
Note: SEC 2 FOR MAJORS OTHER THAN IND D

STATEMENT WRITING
IND D 270 6 CREDITS
Prereq: IND D 201 OR PERMISSION OF INSTRUCTOR
4442005 TR 4:10-5:30 MEETS: JAN 8-MAY 4

INDUSTRIAL DESIGN
INDUS DSN STUDIO II IND D 202 6 CREDITS
Prereq: IND D 201
5972005 1 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972010 2 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972015 3 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972020 4 MWF 9:00-12:20 MEETS: JAN 8-MAY 4

HUMAN DEVELOPMENT & FAMILY STUDIES
DIALOG ON DIVERSITY H SCI 150 1 CREDIT
Note: Meets D.S. diversity reqmt
6929005 1 M 1:10-3:00 MEETS: MARCH 5-MAY 4
6929010 2 W 1:10-3:00 MEETS: MARCH 5-MAY 4
6929015 3 W 1:10-3:00 MEETS: MARCH 5-MAY 4
6929020 4 M 1:10-3:00 MEETS: MARCH 5-MAY 4
6929025 5 T 1:10-3:00 MEETS: MARCH 5-MAY 4
6929030 6 W 1:10-3:00 MEETS: MARCH 5-MAY 4

INDUSTRIAL DESIGN
INDUS DSN STUDIO II IND D 202 6 CREDITS
Prereq: IND D 201
5972005 1 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972010 2 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972015 3 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972020 4 MWF 9:00-12:20 MEETS: JAN 8-MAY 4

HUMAN SCIENCES
DIALOG ON DIVERSITY H SCI 150 1 CREDIT
Note: Meets D.S. diversity reqmt
6929005 1 M 1:10-3:00 MEETS: MARCH 5-MAY 4
6929010 2 W 1:10-3:00 MEETS: MARCH 5-MAY 4
6929015 3 W 1:10-3:00 MEETS: MARCH 5-MAY 4
6929020 4 M 1:10-3:00 MEETS: MARCH 5-MAY 4
6929025 5 T 1:10-3:00 MEETS: MARCH 5-MAY 4
6929030 6 W 1:10-3:00 MEETS: MARCH 5-MAY 4

IMMUNOBIOLOGY
SEMINAR IMMUNOBIOLOGY IMBIO 604 1 CREDIT
5949005 ARRANGED MEETS: JAN 8-MAY 4

INDUSTRIAL DESIGN
INDUS DSN STUDIO II IND D 202 6 CREDITS
Prereq: IND D 201
5972005 1 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972010 2 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972015 3 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972020 4 MWF 9:00-12:20 MEETS: JAN 8-MAY 4

INDUSTRIAL DESIGN
INDUS DSN STUDIO II IND D 202 6 CREDITS
Prereq: IND D 201
5972005 1 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972010 2 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972015 3 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972020 4 MWF 9:00-12:20 MEETS: JAN 8-MAY 4

INDUSTRIAL DESIGN
INDUS DSN STUDIO II IND D 202 6 CREDITS
Prereq: IND D 201
5972005 1 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972010 2 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972015 3 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972020 4 MWF 9:00-12:20 MEETS: JAN 8-MAY 4

INDUSTRIAL DESIGN
INDUS DSN STUDIO II IND D 202 6 CREDITS
Prereq: IND D 201
5972005 1 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972010 2 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972015 3 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972020 4 MWF 9:00-12:20 MEETS: JAN 8-MAY 4

INDUSTRIAL DESIGN
INDUS DSN STUDIO II IND D 202 6 CREDITS
Prereq: IND D 201
5972005 1 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972010 2 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972015 3 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972020 4 MWF 9:00-12:20 MEETS: JAN 8-MAY 4

INDUSTRIAL DESIGN
INDUS DSN STUDIO II IND D 202 6 CREDITS
Prereq: IND D 201
5972005 1 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972010 2 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972015 3 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
5972020 4 MWF 9:00-12:20 MEETS: JAN 8-MAY 4
INDUSTRIAL DESIGN (CONTINUED)
PORTFOLIO PROJECTIONS
IND D 543 3 CREDITS
Prereq: ADVANCED STANDING IN IND D PROGRAM
3176005 1 TR 1:10-3:00
MEETS: JAN 8-MAY 4
SPECIAL TOPICS
IND D 590 3 CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR PERMISSION OF INSTRUCTOR
SPECIAL PROJECTS
IND D 592 3 CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR PERMISSION OF INSTRUCTOR
Note: OFFERED FOR 6 CREDITS SPRING 2018
4181005 ARRANGED
MEETS: JAN 8-MAY 4
Note: Instructor permission required.
GRADUATE PROJECT II
IND D 602 6 CREDITS
Prereq: IND D 601
7674005 ARRANGED
MEETS: JAN 8-MAY 4
THESIS PREPARATION
IND D 632 3 CREDITS
Prereq: IND D 631
3001005 TR 11:00-12:20
MEETS: JAN 8-MAY 4
THESIS
IND D 699 6 CREDITS
Prereq: IND D 632
2151005 ARRANGED
MEETS: JAN 8-MAY 4
INDUSTRIAL ENGINEERING
INDUS ENGR PROFESSN
I E 101 R CREDIT
Course delivery is WWW
4402005 T 3:10-4:00
MEETS: JAN 8-MAY 4
INFO ENGINEERING
I E 148 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 141, 142, AND 143
5037005 A TR 10:00-11:50
GILBERT S
MEETS: JAN 8-MAY 4
5037010 B TR 12:10-2:00
GILBERT S
MEETS: JAN 8-MAY 4
METHODS SYS IMPRVMTS
I E 222 3 CREDITS
Prereq: CREDIT IN ENGR 160, 267, 267, AND 271
Note: COURSE RESTRICTED TO I E MAJORS ONLY
5140005 A TR 2:10-3:30
POTTER L
MEETS: JAN 8-MAY 4
5140010 B TR 12:40-2:00
POTTER L
MEETS: JAN 8-MAY 4
APP ERGONOM 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
MIRRA G
MEETS: JAN 8-MAY 4
5169010 2 TR 11:00-12:20
STONE R
MEETS: JAN 8-MAY 4
ENGR ECONOMIC ANALYSIS
I E 305 3 CREDITS
Prereq: MATH 166
Note: SEC A1, B1, ETC RESTRICTED TO I E MAJORS ONLY. SEC A2, B2, ETC RESTRICTED TO MAJORS OTHER THAN I E.
4425005 A1 MWF 10:00-11:50
WANG L
MEETS: JAN 8-MAY 4
4425010 A2 MWF 11:00-12:00
WANG L
MEETS: JAN 8-MAY 4
4425015 B1 TR 12:40-2:00
HU G
MEETS: JAN 8-MAY 4
4425020 B2 TR 12:40-2:00
HU G
MEETS: JAN 8-MAY 4
4425600 XE ARRANGED
MACKENZIE C
MEETS: JAN 8-MAY 4
Note: Section XE is off campus
Course delivery is WWW
SOLIDIFICATION PROCESSES
I E 348 3 CREDITS
Prereq: I E 248 AND MAT E 275, OR MAT E 215
SOL 130010 1 TR 9:30-11:50
MEETS: JAN 8-MAY 4
5810205 2 MWF 10:00-11:50
MEETS: JAN 8-MAY 4
5810005 A TR 8:00-9:50
MEETS: JAN 8-MAY 4
5810010 B R 8:00-9:50
MEETS: JAN 8-MAY 4
5810015 C T 10:00-11:50
MEETS: JAN 8-MAY 4
INDUSTRIAL ENGINEERING (CONTINUED)
SOLIDIFICATION PROCESSES
I E 348 3 CREDITS
5810020 D R 10:00-11:50
MEETS: JAN 8-MAY 4
5810025 E T 11:00-3:00
MEETS: JAN 8-MAY 4
5810030 F R 11:00-3:00
MEETS: JAN 8-MAY 4
5810035 G T 3:10-5:00
MEETS: JAN 8-MAY 4
5810040 J M 1:10-3:00
MEETS: JAN 8-MAY 4
5810045 K F 1:10-3:00
MEETS: JAN 8-MAY 4
5810050 L M 3:10-5:00
MEETS: JAN 8-MAY 4
5810055 M W 3:10-5:00
MEETS: JAN 8-MAY 4
5810060 N R 3:10-5:00
MEETS: JAN 8-MAY 4
STAT QUALITY ASSURANCE
I E 361 3 CREDITS
Prereq: STAT 231 OR STAT 301 OR STAT 326 OR STAT 401
4416005 A T 3:40-5:30
NORDMAN D
MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO I E & STAT MAJORS ONLY
COOPERATIVE EDUCATION
I E 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Pass Only.
Note: SEE DEPT FOR REFERENCE NUMBERS
ADV ENG ECNMY: CMPLX
I E 405 3 CREDITS
Prereq: I E 305, TR 267, MATH 267, STAT 231, OR PERMISSION OF INSTRUCTOR
9836005 TR 12:40-11:50
MEETS: JAN 8-MAY 4
INDUSTRIAL ENGINEERING
I E 441 3 CREDITS
Prereq: I E 248, I E 271, I E 361; CREDIT OR ENROLLMENT IN I E 248
4443005 A M 2:10-3:00
SLY D
MEETS: JAN 8-MAY 4
4432010 B M 2:10-3:00
SLY D
MEETS: JAN 8-MAY 4
4432015 C M 2:10-3:00
S D
MEETS: JAN 8-MAY 4
BIOMETRIC DESIGN & MFG
I E 447 3 CREDITS
Prereq: TWO SEMESTERS OR LESS BEFORE GRADUATION
2886005 T 3:40-6:30PM
RIVERO I
MANUFACTURING ENGINEERING
I E 448 3 CREDITS
Prereq: I E 248, I E 305
6090005 A MWF 11:00-11:50
RIVERO I
MEETS: JAN 8-MAY 4
ENGRS TECHNICAL SALES
I E 450 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN I E 305
8885005 A W 6:10-9:00PM
MEYER Q
MEETS: JAN 8-MAY 4
TECHNICAL SALES II
I E 451 3 CREDITS
Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR
9088600 XE ARRANGED
MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO I E MAJORS ONLY.
MULTIDISCIPLINARY DESIGN
I E 466 3 CREDITS
Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR
1902005 A MF 3:10-5:00
MEETS: JAN 8-MAY 4
KNOWLEDGE DISCOVERY
I E 483 3 CREDITS
Prereq: I E 248 AND I E 310, STAT 231
7175005 MFN 10:00-10:50
OLAFSSON S
MEETS: JAN 8-MAY 4
7175600 XE ARRANGED
OLAFSSON S
MEETS: JAN 8-MAY 4
Note: Section XE is off campus
Course delivery is WWW
INDEPENDENT STUDY
I E 490 1-5 CREDITS
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
Satisfactory-Pass Only.
Note: SEE DEPT FOR REFERENCE NUMBERS
INDUSTRIAL ENGINEERING (CONTINUED)

INDEPENDENT STUDY HONORS I E 490H 1-5 CREDITS
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
UNIV HONORS PROGRAM MEMBER
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
Satisfactory-Fail Only.

M5 RSRC BASICSCMM I E 501 R CREDIT
Prereq: ENROLLMENT IN M.S. OR M.ENG. PROGRAM
IN INDUSTRIAL ENGINEERING
Satisfactory-Fail Only.
3550600 XE ARRANGED
MEETS: JAN 8-MAY 4
Note: Section XE is off campus
Course delivery is WWW

NETWORK ANALYSIS I E 510 3 CREDITS
Prereq: I E 312
4448005 TR 11:00-12:20
MEETS: JAN 8-MAY 4

PRODUCTION SCHEDULE I E 514 3 CREDITS
Prereq: I E 312, I E 341
4451005 A MWF 9:00-9:50
MEETS: JAN 8-MAY 4
4451600 XE ARRANGED
MEETS: JAN 8-MAY 4
Note: Section XE is off campus
Course delivery is WWW

RELIABILITY I E 533 3 CREDITS
Prereq: STAT 342 OR STAT 432 OR STAT 447
4458005 TR 3:40-5:00
MEETS: JAN 8-MAY 4

INVENTORY & PRODUCTION PLAN I E 541 3 CREDITS
Prereq: I E 418
4463005 TR 9:30-10:45
MEETS: JAN 8-MAY 4
4463600 XE ARRANGED
MEETS: JAN 8-MAY 4
Note: Section XE is off campus
Course delivery is WWW

RAPID PROTOTYPE & MFG I E 545 3 CREDITS
Prereq: I E 248 OR SIMILAR MANUFACTURING ENGINEERING COURSE; MATH 265; UNDERGRADUATES MUST HAVE PERMISSION OF INSTRUCTOR
3554005 TR 11:00-12:15
MEETS: JAN 8-MAY 4

BIOMECH DESIGN & MFG I E 547 3 CREDITS
Prereq: TWO SEMESTERS OR LESS UNTIL GRADUATION
2899005 A TR 3:40-6:30PM
MEETS: JAN 8-MAY 4

DECISION ANALYSIS I E 564 3 CREDITS
Prereq: COURSE IN PROBABILITY AND STATISTICS
9833005 A TR 8:00-9:15
MEETS: JAN 8-MAY 4
9833010 B TR 8:00-9:15
MEETS: JAN 8-MAY 4
9833605 XE ARRANGED
MEETS: JAN 8-MAY 4
Note: THIS SECTION IS RESTRICTED TO ENG M, I E, SYS E, INSE GRADUATE STUDENTS ONLY.
Section XE is off campus
Course delivery is WWW
9833606 XW ARRANGED
MEETS: JAN 8-MAY 4
Note: CONTACT LAURIE HOIFEYLD FOR PERMISSION TO REGISTER
Course delivery is WWW

SYSTEMS ENGINEERING ANALYSIS I E 565 3 CREDITS
Prereq: COURSEWORK IN BASIC STATISTICS
8932005 A TR 11:00-12:20
MEETS: JAN 8-MAY 4
8932010 B TR 11:00-12:20
MEETS: JAN 8-MAY 4
8932600 XE ARRANGED
MEETS: JAN 8-MAY 4
Note: THIS SECTION IS RESTRICTED TO ENG M, I E, SYS E, INSE GRADUATE STUDENTS ONLY.
Section XE is off campus
Course delivery is WWW
8932605 XW ARRANGED
MEETS: JAN 8-MAY 4
Note: FOR PERMISSION TO REGISTER, PLEASE E-MAIL HOIFEYLD@IUSTATE.EDU
Instructor permission required.
Section XW is off campus
Course delivery is WWW

INFORMATION ASSURANCE

INTRANET SECURITY INFAS 131 1 CREDIT
Satisfactory-Fail Only.
3495005 A MWF 11:00-11:50
MEETS: JAN 8-MAY 4
2749005 ARRANGED
MEETS: JAN 8-MAY 4

INFORMATION WARFARE INFAS 532 3 CREDITS
Prereq: CPR E 531
8092005 TR 8:00-9:50
MEETS: JAN 8-MAY 4

INFO ASSUR LEGISLATION INFAS 534 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, CPR E 531
8095005 A M 6:10-9:00PM
MEETS: JAN 8-MAY 4
8095015 A TR 9:30-10:15
MEETS: JAN 8-MAY 4
8509600 XE ARRANGED
MEETS: JAN 8-MAY 4
Note: Section XE is off campus
Course delivery is WWW
INTEGRATED STUDIO ARTS

CRTV VISUAL THINKING ARTIS 201 3 CREDITS
Prereq: Sophomore Level and Above
Note: Sec A1,B1 Restricted to ARTIS Majors Only
Course delivery is WWW

STUDIO FUND:WOOD ARTIS 202 2 CREDITS
Prereq: Sophomore Level and Above
Note: Sec A1,B1 Restricted to ARTIS Majors Only
1975005 A TR 2:10-5:20, ARRANGED CARR C
1975010 B TR 2:10-5:20, ARRANGED CARR C
1975015 C TR 2:10-5:20, ARRANGED CARR C
Note: Course delivery is WWW

STDIO FUND:PRINTMKG ARTIS 206 2 CREDITS
Prereq: Sophomore Level and Above
Note: Sec A2,B2 for Majors Other Than ARTIS
5927005 A MW 8:00-10:10 MARTIN C
5927010 B MW 8:00-10:10 MARTIN C
5927015 C MW 8:00-10:10 MARTIN C
Note: Course delivery is WWW

STDIO FUND:TEXTILE ARTIS 214 2 CREDITS
Prereq: Sophomore Level and Above
Note: Sec A Restricted to College of Design Majors
5947005 A MW 9:00-11:10 CARR C
Note: Sec A Restricted to College of Design Majors

INTEGRATED STUDIO ARTS (CONTINUED)

STDIO FUND:CEMICS ARTIS 204 2 CREDITS
Prereq: Sophomore Level and Above
Note: Sec A1,B1 Restricted to ARTIS Majors Only
1975005 A MW 3:40-6:00PM LILLEGREN I
1975010 B MW 3:40-6:00PM LILLEGREN I
1975015 C MW 3:40-6:00PM LILLEGREN I
Note: Sec A Restricted to College of Design Majors

STDIO FUND:CMPUTRS ARTIS 212 2 CREDITS
Prereq: Sophomore Level and Above
Note: Sec A1,B1 Restricted to ARTIS Majors Only
2784005 A MW 8:00-10:20 MARTIN C
2784010 B MW 8:00-10:20 MARTIN C
2784015 C MW 8:00-10:20 MARTIN C
Note: Course delivery is WWW
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTIS 230</td>
<td>DRAWING</td>
<td>3</td>
<td>Requisite: DSN S 102, DSN S 183 and DSN S 131. Instructor permission required. 1779005 A M 1:10-4:00 WALTSON B</td>
</tr>
<tr>
<td>ARTIS 233</td>
<td>WATERCOLOR PAINTING</td>
<td>3</td>
<td>Requisite: ARTIS 230 and INSTRUCTOR permission required. 1780005 A M 12:10-3:00 HARRIS A</td>
</tr>
<tr>
<td>ARTIS 305</td>
<td>COLLAGE, ASSEM. FOUND.</td>
<td>3</td>
<td>Requisite: 6 CREDITS of 200 LEVEL STUDENT OR PERMISSION OF INSTRUCTOR 1771005 A TR 1:10-4:00 PASCHKE T</td>
</tr>
<tr>
<td>ARTIS 326</td>
<td>ILLUSTRATION &amp; SOFTWARE</td>
<td>3</td>
<td>Requisite: ARTIS 203 or INSTRUCTOR permission. 6423005 A M 12:40-3:30 MUECHEN J</td>
</tr>
<tr>
<td>ARTIS 329</td>
<td>ADVANCED PHOTOGRAPHY</td>
<td>3</td>
<td>Requisite: ARTIS 329. 1836005 A TR 9:30-12:20 MARTIN C</td>
</tr>
<tr>
<td>ARTIS 330H</td>
<td>SOURCES VISUAL DESIGN</td>
<td>3-4</td>
<td>Requisite: ARST 200 or INSTRUCTOR permission. 9379005 A M 12:40-3:30 ARRANGED</td>
</tr>
<tr>
<td>ARTIS 332</td>
<td>INTRODUC. FURNITURE DESIGN</td>
<td>3</td>
<td>Requisite: ARTIS 205 or INSTRUCTOR permission. 1199005 A TR 9:30-12:20 MARTIN C</td>
</tr>
<tr>
<td>ARTIS 335</td>
<td>THREE-DIMENSIONAL STUDIO</td>
<td>3</td>
<td>Requisite: ARTIS 238 or ARTIS 213 and ARTIS 230. Instructor permission required. 1806005 A TR 12:40-2:50</td>
</tr>
<tr>
<td>ARTIS 337</td>
<td>APP SCI ILLUSTRATION &amp; TECHN.</td>
<td>3</td>
<td>Requisite: ARST 337. 9104005 A TR 2:10-5:00 MUECHEN J</td>
</tr>
<tr>
<td>ARTIS 338</td>
<td>PAINTING II</td>
<td>3</td>
<td>Requisite: ARTIS 238 or ARTIS 213 and ARTIS 230. Instructor permission required. 1832005 A TR 2:10-5:00</td>
</tr>
<tr>
<td>ARTIS 420</td>
<td>ADVANCED FURNITURE DESIGN</td>
<td>3</td>
<td>Requisite: ARTIS 320 and INSTRUCTOR permission. 1838005 A TR 9:30-12:20 MARTIN C</td>
</tr>
<tr>
<td>ARTIS 422</td>
<td>CERAMICS STUDIO</td>
<td>3</td>
<td>Requisite: ARTIS 322 or INSTRUCTOR permission. 1799005 A TR 9:30-12:20 LILLIGREN I</td>
</tr>
<tr>
<td>ARTIS 424</td>
<td>JEWELRY/METALSMITH II</td>
<td>3</td>
<td>Requisite: ARTIS 234 or INSTRUCTOR permission. 7237005 A M 9:00-11:30 MUECHEN J</td>
</tr>
<tr>
<td>ARTIS 427</td>
<td>APP SCI ILLUSTRATION &amp; TECHN.</td>
<td>3</td>
<td>Requisite: ARST 327. 9104005 A TR 2:10-5:00 MUECHEN J</td>
</tr>
<tr>
<td>ARTIS 428</td>
<td>ADVANCED PHOTOGRAPHY</td>
<td>3</td>
<td>Requisite: ARTIS 329 or INSTRUCTOR permission. 1802005 A TR 11:00-2:50 MUECHEN J</td>
</tr>
<tr>
<td>ARTIS 429</td>
<td>ADVANCED PHOTOGRAPHY</td>
<td>3</td>
<td>Requisite: ARTIS 329. 1836005 A TR 9:30-12:20 CARR C</td>
</tr>
</tbody>
</table>
INTEGRATED STUDIO ARTS (CONTINUED)

DRAWING
ARTIS 430 3 CREDITS
Prereq: ARTIS 330
Note: Course restricted to Arc, Arch, Artd, Artfa, Artgr, Artis, Bpm 1, C r F, Dsgrs, L A, P Arc, P L & Fpms Majors only.
Instructor permission required 1st week.
1841005 A TR 9:30-12:20 JONES B MEETS: JAN 8-MAY 4
SEQUENTIAL DRAW ARTIS 432 3 CREDITS
Prereq: DN 5 119, ARTIS 236 or ARTIS 330 or Permission of Instructor
2174005 A TR 8:00-10:50 RICHARDS C MEETS: JAN 8-MAY 4

PAINTING III
ARTIS 438 3 CREDITS
Prereq: ARTIS 338
Note: Course restricted to Arc, Arch, Artd, Artis, Bpm 1, Dsgrs & Fpms Majors only.
Instructor permission required 1st week.
7833005 A TR 2:10-5:00 JONES B MEETS: JAN 8-MAY 4

PAINTING III
ARTIS 438H 3-4 CREDITS
Prereq: ARTIS 338
Note: Instructor permission required.
7147005 A TR 2:10-5:00, Arranged JONES B MEETS: JAN 8-MAY 4

DIGITAL TEXTILE DESIGN
ARTIS 448 3 CREDITS
Prereq: Junior classification in either College of Design or A M D
Note: Topic: Digital Textile design
2442005 A TR 9:00-11:50 PASCHKE T MEETS: JAN 8-MAY 4

ADVANCED PRINTMAKING
ARTIS 458 3 CREDITS
Prereq: ARTIS 356, ARTIS 357, or ARTIS 358, and Permission of Instructor
8400005 A MW 9:00-11:50 KATZ A MEETS: JAN 8-MAY 4

ADVANCED PRINTMAKING
ARTIS 458H 3-4 CREDITS
Prereq: ARTIS 356, ARTIS 357, or ARTIS 358, and Permission of Instructor
Note: Instructor permission required.
6312005 A MW 9:00-11:50 KATZ A Arranged MEETS: JAN 8-MAY 4

VIDEO ART
ARTIS 473 3 CREDITS
Prereq: ARTIS 212 or Permission of Instructor
8279005 A TR 8:00-10:50 STEWART A MEETS: JAN 8-MAY 4

TOPICS STUDIO ART
ARTIS 482 1-3 CREDITS
Prereq: Permission of Instructor
Note: Course topic: Social Capital—Seeing, Making, Doing.
Course offered for 3 credits Spring 2018
1855005 MW 1:10-2:30 MEETS: JAN 8-MAY 4
1855010 B 9:00-11:15 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY CERAMICS
ARTIS 490B 1-6 CREDITS
Prereq: Written approval of instr and dept chair
On req’d form in advance of semester of enrollment
Note: Instructor permission required 1st week.
Materials and equipment use fee $125.00
****** See dept for reference numbers

IND ST COMPUTER A&D
ARTIS 490C 1-6 CREDITS
Prereq: Written approval of instr and dept chair
On req’d form in advance of semester of enrollment
Note: Instructor permission required 1st week.
****** See dept for reference numbers

INDEPENDENT STUDY DRAWING
ARTIS 490D 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

INDEPENDENT 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 req’d form in advance of semester of enrollment
****** See dept for reference numbers

INTEGRATED STUDIO ARTS (CONTINUED)

INDEPENDENT STUDY METALS
ARTIS 490G 1-6 CREDITS
Prereq: Written approval of instr and dept chair
On req’d form in advance of semester of enrollment
Note: Instructor permission required 1st week.
****** See dept for reference numbers

INDEPENDENT STUDY HONORS
ARTIS 490H 1-6 CREDITS
Prereq: Written approval of instr and dept chair
On req’d 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

INDEPENDENT STUDY PAINTING
ARTIS 490I 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 PHOTOGRAPHY
ARTIS 490J 1-6 CREDITS
Prereq: Written approval of instr and dept chair
On req’d form in advance of semester of enrollment
****** See dept for reference numbers

IND STU PRINTMAKING
ARTIS 490K 1-6 CREDITS
Prereq: Written approval of instr and dept chair
On 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

INDEPENDENT STUDY FURNITURE
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 req’d form in advance of semester of enrollment
Note: Instructor permission required 1st week.
****** See dept for reference numbers

STUDIO IN EUR SEMINAR
ARTIS 494 1 CREDIT
Prereq: Permission of instructor and planned enrollment in arts 495
Note: Meets International perspectives req’d
Satisfactory-Fail Only.
1954005 A T 7:10-8:00PM JONES B MEETS: JAN 8-MAY 4

STUDIO INTERNSHIP
ARTIS 497 1-6 CREDITS
Satisfactory-Fail Only.
****** See dept for reference numbers

BFA EXHIBITION
ARTIS 499 1 CREDIT
Prereq: Arts 399 and Senior classification in the ISA BFA Curriculum
Note: Course restricted to Seniors
1708005 A W 7:10-8:40PM MUECH J MEETS: MARCH 5-MAY 4

INTEGRATED MEDIA
ARTIS 505 3 CREDITS
Note: Instructor permission required 1st week.
7553005 A MW 12:10-3:00 PASCHKE T MEETS: JAN 8-MAY 4

CPTF ADAMANalytics
ARTIS 508 3 CREDITS
Prereq: Arts 408 or Graduate Classification and Permission of Instructor
Note: Course restricted to design
Instructor permission required 1st week.
8265005 A TR 12:00-1:50 CALL A MEETS: JAN 8-MAY 4

SEMINAR IN TEACHING
ARTIS 511 3 CREDITS
Prereq: Graduate Classification
9849005 T 5:30-8:30PM KATZ A MEETS: JAN 8-MAY 4

ADVANCED FURNITURE DESIGN
ARTIS 520 3 CREDITS
Prereq: Grad classification
1895005 A TR 9:30-12:20 MARTIN C MEETS: JAN 8-MAY 4

INTEGRATED STUDIO ARTS (CONTINUED)

CERAMICS STUDIO
ARTIS 522 3 CREDITS
Prereq: Graduation Classification or Permission of Instructor
1896005 A TR 3:10-6:00PM LILLIGREN I MEETS: JAN 8-MAY 4

Note: Instructor permission required.
INTEGRATED STUDIO ARTS (CONTINUED)

JEWELRY DEC METAL III ARTIS 524 3 CREDITS
Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
Note: Instructor permission required lst week.
725005 A MW 9:00-11:50 MUENCH J
MEETS: JAN 8-MAY 4
ADVANCED PHOTOGRAPHY ARTIS 529 3 CREDITS
Prereq: PHOTOGRAPHY, INSTRUCTOR PERMISSION
7399005 A TR 9:30-12:20 CARR C
MEETS: JAN 8-MAY 4
DRAWING ARTIS 530 3 CREDITS
Note: Instructor permission required lst week.
7747005 A TR 9:30-12:20 JONES B
MEETS: JAN 8-MAY 4
SEQUENT NARRATIVE ARTIS 532 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION
OF INSTRUCTOR
9741005 TR 8:00-10:50 RICHARDS C
MEETS: JAN 8-MAY 4
ADVANCED PAINTING ARTIS 538 3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION
OF INSTRUCTOR
Note: Instructor permission required lst week.
7826005 A TR 2:10-5:00 JONES B
MEETS: JAN 8-MAY 4
DIGITAL TEXTILE DESIGN ARTIS 548 3 CREDITS
Prereq: DIGITAL TEXTILE DESIGN
Note: Instructor permission required lst week.
2451005 A TR 9:30-12:20 PASCHKE T
MEETS: JAN 8-MAY 4
LITHOGRAPHY/DOUGLAS ARTIS 558 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Instructor permission required lst week.
7750005 MW 9:00-11:50 RATZ A
MEETS: JAN 8-MAY 4
VIDEO ART ARTIS 573 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION
2387005 A TR 8:00-10:50 STEWART A
MEETS: JAN 8-MAY 4
TOPICS STUDIO ART ARTIS 582 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE TOPIC: DIGITAL DRAWING
COURSE OFFERED FOR 3 CREDITS SPRING 2018
1870005 MW 1:10-2:30, ARRANGED
MEETS: JAN 8-MAY 4
SPL TOPICS CERAMICS ARTIS 590B VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSNG,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Instructor permission required lst week.
Materials and equipment use fee $125.00
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP COMPUTR A&D ARTIS 590C VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSNG,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOPICS DRAWING ARTIS 590D VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSNG,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOPICS TEXTILES ARTIS 590E VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSNG,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Instructor permission required lst week.
Materials and equipment use fee $35.00
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOPC ILLUSTRATE ARTIS 590F VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSNG,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
******* SEE DEPT FOR REFERENCE NUMBERS

INTEGRATED STUDIO ARTS (CONTINUED)

SPECL TOPICS METALS ARTIS 590G VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSNG,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Materials and equipment use fee $25.00
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOPICS PAINTING ARTIS 590I VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSNG,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP PRINTMAKING ARTIS 590K VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSNG,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOPICS FURNITURE ARTIS 590L VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSNG,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOPICS PARALING ARTIS 590M VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSNG,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOPICS METALS ARTIS 590G VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSNG,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Materials and equipment use fee $25.00
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOPICS FURNITURE ARTIS 590L VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSNG,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS
INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS
4480005 ARRANGED
MEETS: JAN 8-MAY 4
RESEARCH: THESIS IGS 699A VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH: THESIS EXHIB IGS 699B VAR. CREDITS
Note: Materials and equipment use fee $25.00
******* SEE DEPT FOR REFERENCE NUMBERS

INTERIOR DESIGN

INTERIOR DESIGN

RECRE SHPE INT SPCE ARTID 255 3 CREDITS
4259005 TR 12:40-2:00
MEETS: JAN 8-MAY 4
SOPHOMOR FIELD STDY ARTID 259 R CREDIT
Prereq: ENROLLMENT IN INTERIOR DESIGN STUDIO
Note: COURSE RESTRICTED TO ARTID MAJORS
Satisfactory-Fail Only.
2162005 ARRANGED
MEETS: JAN 8-MAY 4
GRPH COM INT DSN II ARTID 263 3 CREDITS
Prereq: 261, ENROLLMENT IN 267
Note: COURSE RESTRICTED TO ARTID MAJORS
2177005 A MW 8:00-8:50
MEETS: JAN 8-MAY 4
2177010 B MW 8:00-8:50
MEETS: JAN 8-MAY 4
INTERIOR DESIGN
(Continued)

INT DSGN STUDIO II      ARTID 267   4 CREDITS
Prereq: ARTID 265
Note: COURSE RESTRICTED TO ARTID MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
Instructor permission required 1st week.
1714005 A TR 12:10-3:00
   T 11:00-11:50
MEETS: JAN 8-MAY 4
1714010 B TR 12:10-3:00
   T 11:00-11:50
MEETS: JAN 8-MAY 4
1714015 C TR 12:10-3:00
   T 11:00-11:50
MEETS: JAN 8-MAY 4
1714020 D TR 12:10-3:00
   T 11:00-11:50
MEETS: JAN 8-MAY 4

INTERR FINISH MATL   ARTID 350   3 CREDITS
Note: Instructor permission required 1st week.
1859005 MW 3:10-4:30
MEETS: JAN 8-MAY 4

ENVRN CONTRL SYST   ARTID 352   3 CREDITS
Note: COURSE RESTRICTED TO ARTID MAJORS.
Instructor permission required 1st week.
1683005 M 9:30-10:50
MEETS: JAN 8-MAY 4

INT DSN HIST/THRY I   ARTID 355   3 CREDITS
Note: Instructor permission required 1st week.
1689005 A TR 3:40-5:00
MEETS: JAN 8-MAY 4

SOPH INTERNSH SEMNR   ARTID 360   1 CREDIT
Prereq: SOPH CLASSIF IN INTERIOR DESIGN PROGRAM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
1818005 A W 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO SOPHOMORES ONLY

JUNIOR INTERN SEMNR   ARTID 361   1 CREDIT
Prereq: JUNIOR CLASSIFICATION IN INTERIOR DESIGN PROGRAM
16463005 M 12:10-1:00
FORD M
MEETS: JAN 8-MAY 4

INT DESIGN STUDIO IV   ARTID 367   4 CREDITS
Prereq: ARTID 365
Note: Instructor permission required 1st week.
1817005 A T 9:00-10:50
   R 8:00-11:50
   T 8:00-8:50
MEETS: JAN 8-MAY 4
1817010 B T 9:00-10:50
   R 8:00-11:50
   T 8:00-8:50
MEETS: JAN 8-MAY 4
1817015 C T 9:00-10:50
   R 8:00-11:50
   T 8:00-8:50
MEETS: JAN 8-MAY 4
1817020 D T 9:00-10:50
   R 8:00-11:50
   T 8:00-8:50
MEETS: JAN 8-MAY 4

INT DESIGN STUDIO IV ARTID 367H   4-5 CREDITS
Prereq: ARTID 365. MEMBERSHIP IN UNIV HONORS PROG
Note: Instructor permission required.
5001005 T 8:00-10:50
   R 9:00-11:50
   T 8:00-8:50, ARRANGED
MEETS: JAN 8-MAY 4

INT DSN PRO PRACTCE   ARTID 461   2 CREDITS
Prereq: ARTID 460
Note: COURSE RESTRICTED TO ARTID MAJORS.
Instructor permission required 1st week.
1847005 M 1:10-3:00
   R 11:00-11:50
   T 10:00-11:00
MEETS: JAN 8-MAY 4

INT DESIGN STUDIO VI   ARTID 467   4 CREDITS
Prereq: ARTID 465
Note: COURSE RESTRICTED TO ARTID MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
Instructor permission required 1st week.
1852005 MW 1:10-3:00
   D 11:00-1:50
MEETS: JAN 8-MAY 4

SPECIAL TOPICS   ARTID 590   VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN INTERIOR DESIGN OR EVIDENCE OF SATISFACTORY EXPERIENCE IN SPECIALZD AREA.
Instructor permission required 1st week.
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
\* \* \* \* \* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT   ARTID 599   VAR. CREDITS
Prereq: MFA CLASSIFICATION, PERMISSION OF INSTR
ADVANCED TOPICS   ARTID 690   VAR. CREDITS
Prereq: MEETING OF THE COLLEGE OF DESIGN CORE
INDEP STUDY HONORS   ARTID 690H   1-6 CREDITS
Prereq: INSTRUCTORS PERMISSION
ADV STUDI DSGN THRY ARTID 692   3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
MEETS: JAN 8-MAY 4

INT DSN URBAN SETNG   ARTID 468   3 CREDITS
Prereq: CR OR ENROLLMT IN 3RD-YEAR STUDIO COURSES
2062005 MW 3:00-4:15
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY   ARTID 490   1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT
\* \* \* \* \* 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 ENROLLMT
INMEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS
\* \* \* \* \* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTID 699A   VAR. CREDITS
\* \* \* \* \* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS   ARTID 590   VAR. CREDITS
Prereq: INSTRUCTORS PERMISSION
ADVANCED TOPICS   ARTID 690   VAR. CREDITS
Prereq: MEETING OF THE COLLEGE OF DESIGN CORE
INTE...
INTERNATIONAL STUDIES (CONTINUED)

SEMR INT'L STUDIES INTST 430 3 CREDITS
Prereq: INTST 235, JUNIOR CLASSIFICATION OR HIGHER
Note: Meets international perspectives reqnt
9583005 1A TR 2:10-3:30
MEETS: JAN 8-MAY 4
Note: SEC 1A RESTRICTED TO INTST MAJORS
9583010 1B TR 2:10-3:30
MEETS: JAN 8-MAY 4
Note: SEC 1B FOR MAJORS OTHER THAN INTST.
INDEPENDENT STUDY INTST 490 1-3 CREDITS
Prereq: PERMISSION OF INTERNATIONAL STUDIES DIRECTOR AND FACULTY SUPERVISOR
Note: NO MORE THAN 3 CREDITS IN INTST 490 MAY BE USED TOWARD GRADUATION IN THE INTERNATIONAL STUDIES MAJOR OR MINOR.
3719005 ARRANGED
MEETS: JAN 8-MAY 4
THINK GLOBALLY INTST 491 1 CREDIT
Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD AND/OR INTERNSHIP ABROAD
Satisfactory-Fail Only.
3467005 1 MW 11:00-12:00
MEETS: JAN 8-MARCH 2

ITALIAN
INTENS BEGN ITALIAN ITAL 107X 4 CREDITS
9528005 1 MTWR 10:00-10:50
MEETS: JAN 8-MAY 4
JOURNALISM & MASS COMMUNICATION
MASS MEDIA & SOCIETY JL MC 101 3 CREDITS
4656005 1 MW 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO ADVRT, JL MC, P R MAJORS ONLY.
4656010 2 MW 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC 2 FOR MAJORS OTHER THAN ADVRT, JL MC.
JOURNL&COMM ORIENT JL MC 110 1 CREDIT
Satisfactory-Fail Only.
4675005 1 MW 8:00-9:20
MEETS: JAN 8-MAY 4
4675010 2 R 9:30-10:50
MEETS: JAN 8-MAY 4
4675015 3 T 9:30-10:50
MEETS: JAN 8-MAY 4
REPORT&WRT 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 REGISTERING; ENGL 250; CREDIT OR ENROLLMENT IN JL MC 110
Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS
4658005 1 MW 8:00-10:10
ARRANGED
MEETS: JAN 8-MAY 4
4658010 2 MW 8:00-10:10
ARRANGED
MEETS: JAN 8-MAY 4
4658015 3 TR 12:40-2:50
ARRANGED
MEETS: JAN 8-MAY 4
4658020 4 TR 9:50-12:00
MEETS: JAN 8-MAY 4
4658025 5 TR 10:20-12:30
ARRANGED
MEETS: JAN 8-MAY 4
4658030 6 TR 10:20-12:30
ARRANGED
MEETS: JAN 8-MAY 4
4658035 7 TR 4:10-6:20
ARRANGED
MEETS: JAN 8-MAY 4
4658040 8 TR 8:00-10:10
ARRANGED
MEETS: JAN 8-MAY 4
Note: SEC 8 RESTRICTED TO AG COLLEGE MAJORS

VISUAL PRIN MASS CM JL MC 242 3 CREDITS
Note: SEC 1A RESTRICTED TO JL MC, ADVRT, P R SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT, P R
4673005 1A MW 11:00-11:50
MEETS: JAN 8-MAY 4
4673010 1B MW 11:00-11:50
MEETS: JAN 8-MAY 4

JOURNALISM & MASS COMMUNICATION (CONTINUED)

INT REPORT MASS MED JL MC 302 3 CREDITS
Prereq: JL MC 110; JL MC 201 WITH A GRADE OF C+ OR BETTER
4659005 1 MW 3:10-5:00
MEETS: JAN 8-MAY 4
4659010 2 MW 12:40-2:30
MEETS: JAN 8-MAY 4
ELECTRON MEDIA WRIT JL MC 303 3 CREDITS
Prereq: JL MC 110; JL MC 201 WITH A GRADE OF C+ OR BETTER
8510005 1 MW 10:00-11:50
MEETS: JAN 8-MAY 4
8511010 2 MW 8:00-9:50
MEETS: JAN 8-MAY 4
ELECTRON MEDIA PROD JL MC 306 3 CREDITS
Prereq: C+ OR BETTER IN JL MC 201
Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS
8513005 1 TR 2:10-4:00
MEETS: JAN 8-MAY 4
DIGITAL VIDEO PRODUC JL MC 307 3 CREDITS
Prereq: CLASSIFICATION IN A GREENLEE SCHOOL MAJOR
4727005 1 F 8:00-9:50
MEETS: JAN 8-MAY 4
4727010 2 F 10:00-11:50
MEETS: JAN 8-MAY 4
4727015 3 F 12:10-2:00
MEETS: JAN 8-MAY 4
ELECTRN NEWS PRODUC JL MC 308 3 CREDITS
Prereq: C+ OR BETTER IN JL MC 201
4665005 1 MW 2:10-4:00
MEETS: JAN 8-MAY 4
FUND PHOTOJOURNALISM JL MC 310 3 CREDITS
Prereq: C+ OR BETTER IN JL MC 201
Note: COURSE RESTRICTED TO JL MC, ADVRT P R MAJORS
EQUIPMENT PURCHASE MAY BE REQUIRED.
8688005 1 MW 12:10-2:10
MEETS: JAN 8-MAY 4
8688010 2 MW 2:30-4:40
MEETS: JAN 8-MAY 4
MULTIMEDIA PRODUCTN JL MC 315 3 CREDITS
Prereq: JL MC 308 OR JL MC 310 OR JL MC 316 OR EQUIVALENT COMPUTER DESIGN PROFICIENCY
Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS
4663005 1 TR 12:10-2:00
MEETS: JAN 8-MAY 4
INTRO DIGITL PUBLISH JL MC 316 3 CREDITS
Prereq: C+ OR BETTER IN JL MC 242 AND C+ OR BETTER IN JL MC 201
5325005 1 TR 8:00-9:40
MEETS: JAN 8-MAY 4
5325010 2 TR 9:50-11:30
MEETS: JAN 8-MAY 4
5325015 3 TR 8:00-9:40
MEETS: JAN 8-MAY 4
5325020 4 TR 12:20-2:00
MEETS: JAN 8-MAY 4
MOBILE DVIC 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 8-MAY 4
PUBL AFFAIRS REPORT JL MC 346 3 CREDITS
Prereq: C+ OR BETTER IN JL MC 302 OR P R 321
Note: COURSE RESTRICTED TO ADVRT, JL MC P R MAJORS.
4675005 1 TR 2:10-4:00
MEETS: JAN 8-MAY 4
SCIENCE COMMUNICATN JL MC 347 3 CREDITS
Prereq: C+ OR BETTER IN JL MC 302 OR P R 321.
NONMAJORS AND MINORS BY PERMISSION OF INSTRUCTOR.
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
4676005 1 MW 12:10-2:10
MEETS: JAN 8-MAY 4
NEWS&FEATURE EDITING JL MC 349 3 CREDITS
Prereq: C+ OR BETTER IN JL MC 302 OR P R 321
Note: COURSE RESTRICTED TO ADVRT, JL MC P R MAJORS
ONLY. TOPIC: PRINT EDITING
4677005 1 TR 10:00-11:50
MEETS: JAN 8-MAY 4
JOURNALISM & Mass Communication (Continued)

PRO SKILL DEVEL:MAP JL MC 390A 1 CREDIT
Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR
MEETS: JAN 8-MAY 4
Satisfactory-Fail Only.
9706005 1 ARRANGED
MEETS: JAN 8-MAY 4

PRO SKILL: FASHN WRIT JL MC 390J 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
MEETS: JAN 8-MAY 4
Note: SEC 1A RESTRICTED TO ADVRT, JL MC, P R MAJORS
ONLY
9780010 1B MW 2:40-3:50
MEETS: JAN 8-MAY 4
Note: SEC 1B FOR MAJORS OTHER THAN ADVRT, JL MC,
P R MAJORS

MEDIA MANAGEMENT JL MC 406 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Course Restricted to Juniors and Seniors Only
1812005 1 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

MASS COMMUNICATION 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
Course Restricted to ADVRT, JL MC, P R JUNIORS &
SENIORS ONLY
4688005 1 MWF 8:00-8:50
MEETS: JAN 8-MAY 4
4688010 2 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

JOURNALISM & LIT JL MC 464 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
1 TR 8:00-9:20
MEETS: JAN 8-MAY 4

INDEPENDENT CMNCATN JL MC 490 VAR. CREDITS
Prereq: JUNIOR CLASSIFICATION AND CONTRACT WITH
SUPERVISING PROFESSOR TO REGISTER
APPLIED TOWARDS A DEGREE IN JL MC OR ADVERTISING
Satisfactory-Fail Only.
5671010 2 MWF 10:30-11:50
MEETS: JAN 8-MAY 4
5671005 1 MWF 9:00-10:20
MEETS: JAN 8-MAY 4

SP TOPC MAGAZINE PUBL JL MC 497C 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
9911005 1 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

SP TOP COMPUT COMM JL MC 497J 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
9907005 A1 MW 4:10-5:50
MEETS: JAN 8-MAY 4
9907010 A2 MW 4:10-5:50
MEETS: JAN 8-MAY 4

PRO MEDIA INTERNSHIP JL MC 499A 3 CREDITS
Prereq: FORMAL FACULTY ADVISER APPROVAL
JL MC MAJORS: C+ OR BETTER IN JL MC 202 OR JL MC 206
OR P R 321; ADVRT MAJORS: C+ OR BETTER IN JL MC 201
AND ADVRT 301; P R MAJORS: C+ OR BETTER IN P R 321.
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 MEDIA INTERNSHIP JL MC 499B 1-3 CREDITS
Prereq: FORMAL FACULTY ADVISER APPROVAL
JL MC MAJORS: C+ OR BETTER IN JL MC 202 OR JL MC 206
OR P R 321; ADVRT MAJORS: C+ OR BETTER IN JL MC 201
AND ADVRT 301; P R MAJORS: C+ OR BETTER IN P R 321.
NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
Department permission required.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

ADV RES MTHDS: QUANT JL MC 503X 3 CREDITS
Prereq: JL MC 502 OR EQUIVALENT BASIC
RESEARCH METHOD COURSE OR PERMISSION OF INSTRUCTOR
9904005 MW 4:10-5:50
MEETS: JAN 8-MAY 4

ADV RES MTHDS: QUALV JL MC 504X 3 CREDITS
Prereq: JL MC 502 OR EQUIVALENT RESEARCH
METHODS COURSE
9905005 R 5:40-8:30PM
MEETS: JAN 8-MAY 4

MEDIA MANAGEMENT JL MC 506 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION
OF INSTRUCTOR
1813005 1 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

STRATEG OF COMMUNICATION JL MC 510 3 CREDITS
Prereq: JL MC 551
4730005 1 TR 4:10-5:30
MEETS: JAN 8-MAY 4

PUBLIC RELA THY & MTH JL MC 520 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION
OF INSTRUCTOR
4731005 1 TR 5:40-8:30PM
MEETS: JAN 8-MAY 4

SCIENCE COMMUNICATION JL MC 547 3 CREDITS
Prereq: GRADUATE CLASSIFICATION. NONMAJORS
AND MINORS MUST HAVE PERMISSION OF INSTRUCTOR.
7316005 1 MW 12:10-2:00
MEETS: JAN 8-MAY 4

COMM TECH & ASSOC CHANG JL MC 574 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION
OF INSTRUCTOR
Note: Meets international perspectives reqmt
4736005 1 TR 12:40-2:00

SP TOP MEDIA STUDIO JL MC 590A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP PRO SPECIALZ JL MC 590B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPC PRO RESCH 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

PROFESSIONAL INTERNSHIP JL MC 591 1-2 CREDITS
Prereq: APPROVED CREDIT COMPONENT PROPOSAL
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT JL MC 599 VAR. CREDITS
Prereq: APPROVED THESIS COMPONENT PROPOSAL
******* SEE DEPT FOR REFERENCE NUMBERS

THESES RESEARCH JL MC 699 VAR. CREDITS
Prereq: APPROVED THESIS PROPOSAL
******* SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY

SWIMMING I JL 101 1 CREDIT
Satisfactory-Fail Only
5660005 1 TR 11:00-10:50
MEETS: JAN 8-MAY 4

SWIMMING II JL 102 1 CREDIT
Prereq: JL 101 OR EQUIVALENT SKILL
Satisfactory-Fail Only
5661005 1 TR 11:00-12:15
MEETS: JAN 8-MAY 4

AQUATIC FITNESS JL 108 1 CREDIT
Prereq: JL 102 OR EQUIVALENT SKILL
Satisfactory-Fail Only
5665005 1 TR 12:40-2:00
MEETS: JAN 8-MAY 4

BADMINTON JL 122 1 CREDIT
Satisfactory-Fail Only
5671005 1 MW 9:00-10:20
MEETS: JAN 8-MAY 4
Note: MATERIALS, EQUIPMENT FEE $25.00
5671010 2 MW 10:30-11:50
MEETS: JAN 8-MAY 4
Note: MATERIALS, EQUIPMENT FEE $25.00
KINESIOLOGY

BOWLING  KIN  129  1 CREDIT
Satisfactory-Fail Only.
5675005 1 MW 9:00-9:50
MEETS: JAN 8-MAY 4
5675010 2 MW 10:00-10:50
MEETS: JAN 8-MAY 4
5675015 3 MW 11:00-11:50
MEETS: JAN 8-MAY 4
5675020 4 TR 9:30-10:20
MEETS: JAN 8-MAY 4
5675025 5 TR 11:00-11:50
MEETS: JAN 8-MAY 4
5675030 6 TR 12:40-1:30
MEETS: JAN 8-MAY 4

GOLF  KIN  135  1 CREDIT
Satisfactory-Fail Only.
5678005 1 MW 8:00-9:20
MEETS: MARCH 5-MAY 4
5678010 2 MW 9:30-10:50
MEETS: MARCH 5-MAY 4
5678015 3 MW 11:00-12:20
MEETS: MARCH 5-MAY 4

ICE SKATING  KIN  153  1 CREDIT
Note: Course taught at Ames/ISU Ice Arena, Southeast of the Towers. Must allow extra time between this and other classes for travel to and from Ames/ISU Ice Arena. Must provide own transportation.
5689005 1 TR 1:10-3:00
MEETS: JAN 8-MARCH 2

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 TR 1:00-2:00
MEETS: JAN 8-MAY 4

PLAN SUCCESS HEALTH  KIN  242X  .5 CREDIT
Prereq: Freshman classification or above
Note: Course restricted to HHP, KIN/MAJORS only for students with full or tentative admission to the University Teacher Education Program. Instructor permission required 1st week.
9620005 1 TR 12:10-2:00
MEETS: JAN 8-MAY 4

SCHOOL PHYS ACT PROG  KIN  214X  1 CREDIT
Prereq: Eligibility for admission to KIN teacher education program
Note: Course restricted to HHP, KIN MAJORS only. For students with full or tentative admission to the University Teacher Education Program.
4672005 ARRANGED
MEETS: JAN 8-MAY 4

TENNIS  KIN  158  1 CREDIT
Satisfactory-Fail Only.
5690005 1 MW 9:30-10:50
MEETS: MARCH 5-MAY 4
5690010 2 MW 11:00-12:20
MEETS: MARCH 5-MAY 4
5690015 3 MW 12:30-2:00
MEETS: MARCH 5-MAY 4

WEIGHT TRAINING  KIN  166  1 CREDIT
Prereq: Credit for only one of the following may be applied toward graduation: ATH 101, skill technique course in the same sport as the ATH 101, EX SP/KIN 166
Satisfactory-Fail Only.
5696005 1 MW 9:00-9:50
MEETS: JAN 8-MAY 4
5696010 2 MW 10:00-10:50
MEETS: JAN 8-MAY 4
5696015 3 MW 11:00-11:50
MEETS: JAN 8-MAY 4
5696020 4 MW 12:10-1:00
MEETS: JAN 8-MAY 4
5696025 5 MW 1:10-2:00
MEETS: JAN 8-MAY 4

JUDO  KIN  168  1 CREDIT
Satisfactory-Fail Only.
5353005 1 TR 9:00-9:50
MEETS: JAN 8-MAY 4

KINESIOLOGY (CONTINUED)

TAEKWONDO/KARATE I  KIN  170  1 CREDIT
Prereq: 170
Satisfactory-Fail Only.
5700005 1 MW 9:00-9:50
MEETS: JAN 8-MAY 4
5700010 2 MW 10:00-10:50
MEETS: JAN 8-MAY 4
5700015 3 MW 11:00-11:50
MEETS: JAN 8-MAY 4

TAEKWONDO/KARATE II  KIN  171  1 CREDIT
Prereq: 170
Satisfactory-Fail Only.
5701005 1 TR 10:00-10:50
MEETS: JAN 8-MAY 4
5702005 1 TR 11:00-11:50
MEETS: JAN 8-MAY 4

HAPKIDO/MARTL DFNSE  KIN  173  1 CREDIT
Satisfactory-Fail Only.
5704005 1 TR 10:00-10:50
MEETS: JAN 8-MAY 4

VOLLEYBALL  KIN  182  1 CREDIT
Satisfactory-Fail Only.
5703005 1 TR 10:00-10:50
MEETS: JAN 8-MAY 4

SOCCER  KIN  185  1 CREDIT
Satisfactory-Fail Only.
5702005 1 TR 10:00-10:50
MEETS: JAN 8-MAY 4
KINESIOLOGY
(Continued)

PHYS FITNESS & COND KIN 258 2 CREDITS
5732050 5B TR 12:10-1:00 ARRANGED MEETS: JAN 8-MAY 4
5732055 6A TR 1:10-2:00, ARRANGED MEETS: JAN 8-MAY 4
5732060 6B TR 1:10-2:00, ARRANGED MEETS: JAN 8-MAY 4
5732065 7A TR 2:10-3:00, ARRANGED MEETS: JAN 8-MAY 4
5732070 7B TR 1:10-2:00, ARRANGED MEETS: JAN 8-MAY 4

LDRSHIP TECH FITNESS KIN 259 2 CREDITS
Prereq: KIN 258
Note: COURSE RESTRICTED TO A TR, P ATR, PDEXA, PDEXH, CH E, KIN H MAJORS ONLY.
9622005 1 M 1:10-2:00 WERSTEIN K
5:10-6:00 WERSTEIN K
MEETS: JAN 8-MAY 4
9622010 2 M 1:10-2:00 WERSTEIN K
5:10-6:00 WERSTEIN K
MEETS: JAN 8-MAY 4

ADV STRENGTH TRAINNG KIN 266 2 CREDITS
Prereq: KIN 258
Note: COURSE RESTRICTED TO A TR, KIN, P ATR, JRS & SRS ONLY.
7421005 1 TR 8:00-9:20 WERSTEIN K
MEETS: JAN 8-MAY 4
7421010 2 TR 9:30-10:50 ANDERSON A
MEETS: JAN 8-MAY 4

FIELD EXP ELEM P E KIN 280 1 CREDIT
Prereq: COURSE RESTRICTED TO KIN 4 MAJORS ONLY
Instructor permission required 1st week.
Satisfactory-Fail Only.
7536005 1 F 8:00-11:00 GROTE L
MEETS: JAN 8-MAY 4
7536010 2 F 10:00-11:10 GROTE L
MEETS: JAN 8-MAY 4

FIELD EXP SECEDY P E KIN 281 1 CREDIT
Prereq: COURSE RESTRICTED TO STUDENTS ACCEPTED TO FULL UNIVERSITY EDUCATION PROGRAM
Satisfactory-Fail Only.
7699005 1 F 8:00-11:30 GROTE L
MEETS: JAN 8-MAY 4
Note: Instructor permission required 1st week.
7699010 2 F 9:30-11:50 SMITH J
MEETS: JAN 8-MAY 4
Note: Instructor permission required 1st week.

ELEM/PRESCH MVT ED KIN 284 3 CREDITS
Prereq: 3 COURSES IN HUMAN DEVELOPMENT FAMILY STUDIES
Note: INSTRUCTOR PERMITTED FOR KIN 275/312 OR KIN 284,
BUT NOT BOTH, MAY BE APPLIED TOWARDS GRADUATION.
5737005 1 MW 1:10-3:00 VAZOU S
MEETS: JAN 8-MAY 4
5737010 2 TR 8:00-10:50 VAZOU S
MEETS: JAN 8-MAY 4

PRE-INTERN KINANLTH KIN 285 1-2 CREDITS
Prereq: KINESIOLOGY AND HEALTH MAJOR, AND PERMISSION OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
8750005 ARRANGED POWER D
MEETS: JAN 8-MAY 4
Note: Instructor permission required.

INDEPENDENT STUDY KIN 290 1 CREDIT
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

SECDY PHYSICAL EDUC KIN 313 3 CREDITS
Prereq: ADMISSION TO EDUCATION PROGRAM, KIN 281
5756005 1 MW 8:00-10:50 GUNDLACH K
MEETS: JAN 8-MAY 4
5756010 2 MW 8:00-10:50 GUNDLACH K
MEETS: JAN 8-MAY 4

COACH THY/ADMIN ISS KIN 315 3 CREDITS
Prereq: COURSE RESTRICTED TO JRS AND SRS ONLY
3532005 1 TR 11:00-12:20 DUKES L
MEETS: JAN 8-MAY 4

KINESIOLOGY
(Continued)

MGT HEALTH-FIT PROG KIN 345 3 CREDITS
Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR
7697005 TR 9:30-10:50 POWER D
MEETS: JAN 8-MAY 4

BIOMECHANICS KIN 355 3 CREDITS
Prereq: PHYS 111 OR PHYS 111L
5752005 1 MWF 8:00-8:50 MARTIN P
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
PDEXA, PDEXH JRS & SRS, KIN H & FSHNH GRADS.
5752010 2 MWF 8:00-8:50 MARTIN P
MEETS: JAN 8-MAY 4
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN D EXA,
D EXH, KIN, KIN H, PDEXA, PDEXH. JRS & ABOVE &
FSHNH GRADS.
5752015 3 TR 8:00-9:20 GILLETT J
MEETS: JAN 8-MAY 4
Note: SEC 3 RESTRICTED TO D EXA, D EXH, P ATR,
PDEXA, PDEXH JRS & SRS, KIN H & FSHNH GRADS.
5752020 4 TR 8:00-9:20 GILLETT J
MEETS: JAN 8-MAY 4
Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN D EXA,
D EXH, KIN, KIN H, PDEXA, PDEXH. JRS & ABOVE &
FSHNH GRADS.

PHYSIOLOGY EXERCISE KIN 358 3 CREDITS
Prereq: BIOL 255, BIOL 255L, BIOL 256 AND
BIOL 256L
5766005 1 MWF 12:10-1:00 KING D
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
PDEXA, PDEXH JRS & SRS & KIN H MAJORS.
5766010 2 MWF 12:10-1:00 KING D
MEETS: JAN 8-MAY 4
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR,
D EXA, D EXH, KIN, P ATR, PDEXA, PDEXH JRS & ABOVE
AND KIN H MAJORS.
5766015 3 MWF 8:00-8:50 VALENTINE R
MEETS: JAN 8-MAY 4
Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
PDEXA, PDEXH JRS & SRS, KIN H, FSHNH GRADS.
5766020 4 MWF 8:00-8:50 VALENTINE R
MEETS: JAN 8-MAY 4
Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN A TR,
D EXA, D EXH, KIN, P ATR, PDEXA, PDEXH. JRS & ABOVE
AND KIN H MAJORS.

SOC SPORT & EXERCISE KIN 360 3 CREDITS
Prereq: SOC 134, STAT 101 OR 104 OR 226/326;
OR KIN 471
5753005 1 F 10:00-11:50 COFFMAN H
MEETS: JAN 8-MAY 4
ARRANGED
5753010 2 F 11:00-11:50 COFFMAN H
MEETS: JAN 8-MAY 4
ARRANGED
5753015 3 F 11:00-11:50 COFFMAN H
MEETS: JAN 8-MAY 4
ARRANGED
5753020 4 F 11:00-11:50 COFFMAN H
MEETS: JAN 8-MAY 4
ARRANGED

KINESIOLOGY
(Continued)

SPORT PSYCHOLOGY KIN 365 3 CREDITS
Prereq: PSYCH 101 OR PSYCH 230
5754005 1 W 2:10-3:00, ARRANGED WERSTEIN K
MEETS: JAN 8-MAY 4
Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR,
PDEXA, PDEXH JRS & SRS, KIN H MAJORS.
5754010 2 W 2:10-3:00, ARRANGED WERSTEIN K
MEETS: JAN 8-MAY 4
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR, D EXA,
D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH.
5754015 3 W 2:10-3:00, ARRANGED WERSTEIN K
MEETS: JAN 8-MAY 4
Note: SEC 3 RESTRICTED TO JRS, KIN H, PDEXA, PDEXH
JRS & SRS.
5754020 4 W 2:10-3:00, ARRANGED WERSTEIN K
MEETS: JAN 8-MAY 4
Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN A TR,
D EXA, D EXH, KIN, P ATR, PDEXA, PDEXH.

SPRING 2018
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<th>Notes</th>
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<td>146</td>
<td><strong>KINESIOLOGY</strong></td>
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</table>
KINESIOLOGY

PRA MOTV INTWV:SUPV KIN 494B 1 CREDIT
Preq: KIN 494A, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
9729005 ARRANGED ELLINGSON L
MEETS: JAN 8–MAY 4

RESRCH MTH PHY ACTV KIN 501 3 CREDITS
Preq: GRAD CLASSIFICATION IN KINESIOLOGY AND HEALTH
5780005 TR 12:40–2:00 ELLINGSON L
MEETS: JAN 8–MAY 4

QUAN ANLY HUMAN MOV KIN 516 3 CREDITS
Preq: KIN 355
5801005 TR 2:10–3:30 DERRICK T
Note: Materials fee $25.00
MEETS: JAN 8–MAY 4

STDT TEACH ELEM P E KIN 518 8 CREDITS
Preq: KIN 512, KIN 570, KIN 575
7443005 1A ARRANGED
MEETS: JAN 8–MAY 4

STDT TEACH SECD P E KIN 519 8 CREDITS
Preq: KIN 512, KIN 570, KIN 575
7448005 1A ARRANGED
MEETS: JAN 8–MAY 4

ADV PHYSIOL EXER II KIN 551 3 CREDITS
Note: COURSE RESTRICTED TO GRADUATE STUDENTS
5792005 1 T 4:10–6:00PM SHARP R
2 R 4:10–6:00PM SHARP R
MEETS: JAN 8–MAY 4

EXERC&HLTH:BHVR CHG KIN 567 3 CREDITS
Preq: KIN 366 OR EQUIVALENT
3232005 1 W 10:00–11:30 ELLINGSON L
ARRANGED ELLINGSON L
MEETS: JAN 8–MAY 4

MEASUREMT IN PHY ED KIN 571 3 CREDITS
Preq: ADMISSION TO EDUCATOR PREPARATION PROGRAM
7459005 1 MWF 1:10–2:00 PITCHFORD E
MEETS: JAN 8–MAY 4

SPECIAL TOPICS P E KIN 590A 1–3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO KIN 590B 1–3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 590D 1–3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT SOCIO KIN 590E 1–3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH KIN 590F 1–3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR BEHAV KIN 590G 1–3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANICS KIN 590H 1–3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCCH 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
Preq: 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
Preq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

PRACTCM COLLEG TCWG KIN 592 1–3 CREDITS
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY

CREATIVE COMPONENT KIN 599 1–3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR KIN 615 1–3 CREDITS
Note: COURSE OFFERED FOR 1 CREDIT SPRING 2018
Instructor permission required 1st week.
5812005 F 11:00–12:00 MARTIN P
MEETS: JAN 8–MAY 4

RESEARCH KIN 699 1–6 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

PLAY!ACTV URBN LSCF L A 171X 3 CREDITS
9947005 ARRANGED SHIRTLIFF B
MEETS: JAN 8–MAY 4

STUDIO:SITE DSGN I L A 202 6 CREDITS
Preq: L A 201
Note: Instructor permission required 1st week.
4776005 1 MW 1:10–5:20 MARTIN M
F 4:10–5:20 MARTIN M
F 1:10–3:50 MARTIN M
MEETS: JAN 8–MAY 4

DIGTL DSN MTHDS L A 211 3 CREDITS
9796005 W 11:00–11:50 WESTORT C
F 10:00–11:50 WESTORT C
MEETS: JAN 8–MAY 4

LANDSCAPE DYNAMICS L A 282 3 CREDITS
4263005 T 11:00–11:50 SCHUCKERT S
R 9:30–10:50 MEETS: JAN 8–MAY 4

ECO DSN REGNL SCALE L A 302 6 CREDITS
Preq: L A 282, L A 301, L A 381 AND NREM 120
Note: Instructor permission required 1st week.
4778005 1 F 1:10–3:50 SCHUCKERT S
F 4:10–5:20 SCHUCKERT S
MW 1:10–5:20 SCHUCKERT S
MEETS: JAN 8–MAY 4

FIELD TRAVEL L A 309 1–2 CREDITS
Preq: ENROLLMENT IN THE PROFESSIONAL PROGRAM AND PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
4771005 ARRANGED ROGERS C
MEETS: JAN 8–MAY 4

CONTEMP LANDSC ARCH L A 341 1 CREDIT
6119005 M 12:10–1:00 MARTIN M
MEETS: JAN 8–MAY 4

HIST MODRN LANDSCP L A 371 3 CREDITS
4662005 TR 9:30–10:50 SCHUNK L
MEETS: JAN 8–MAY 4

ADV LAND ARC DESIGN L A 404 6 CREDITS
Preq: L A 401
Note: Instructor permission required 1st week.
4781005 ARRANGED
MEETS: JAN 8–MAY 4

Note: SEC IT TAUGHT IN ROME, ITALY. "COLLEGE OF DESIGN IN ROME, ARCHITECTURE, SPRING 2018. OFFERED FOR 6 CREDITS Materials, field trips $/or travel fee $25.00-$750.00 Study Abroad Administrative Fee Applies
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<tr>
<td>L A 444A</td>
<td>ARCH INTERNSHIP</td>
<td>R CREDIT</td>
<td>L A 341 OR PERMISSION OF ADVISER AND</td>
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<tr>
<td>L A 444B</td>
<td>STUDY ABROAD</td>
<td>R CREDIT</td>
<td>L A 341 OR PERMISSION OF ADVISER AND</td>
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<tr>
<td>L A 444C</td>
<td>NAT'L STDT XCHNG</td>
<td>R CREDIT</td>
<td>L A 341 OR PERMISSION OF ADVISER AND</td>
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<td>L A 444G</td>
<td>WEB MAPPING/GIS</td>
<td>3</td>
<td>C R P 451 OR C R P 551, L A 302,</td>
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<tr>
<td>L A 490B</td>
<td>IND STU LANDSC PLAN</td>
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<td>GEOL 452 OR GEOL 552 OR INSTRUCTOR PERMISSION</td>
<td>Instructor permission required</td>
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<tr>
<td>L A 490C</td>
<td>IND STUDY CONSTRUCT</td>
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<td>INSTR &amp; DEPT CHAIR APPROVAL ON REQ'D FORM</td>
<td>Instructor permission required</td>
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<td>L A 490D</td>
<td>SPCL TOPICS HISTORY</td>
<td>1-6</td>
<td>INSTR &amp; DEPT CHAIR APPROVAL ON REQ'D FORM</td>
<td>Instructor permission required</td>
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<tr>
<td>L A 490E</td>
<td>SPL TOPC CONSTRUCT</td>
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<td>INSTR &amp; DEPT CHAIR APPROVAL ON REQ'D FORM</td>
<td>Instructor permission required</td>
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<tr>
<td>L A 490F</td>
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<td>INSTR &amp; DEPT CHAIR APPROVAL ON REQ'D FORM</td>
<td>Instructor permission required</td>
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<tr>
<td>L A 490G</td>
<td>INDEP STUDY GRAPHICS</td>
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<td>INSTR &amp; DEPT CHAIR APPROVAL ON REQ'D FORM</td>
<td>Instructor permission required</td>
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<td>L A 490H</td>
<td>INDEP STUDY HONORS</td>
<td>1-6</td>
<td>INSTR &amp; DEPT CHAIR APPROVAL ON REQ'D FORM</td>
<td>Instructor permission required</td>
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**Note:** Instructor permission required 1st week.
LANDSCAPE ARCHITECTURE  (CONTINUED)

SPL TOP LANDSC PLAN L A  590E  1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DESIGN L A  590F  1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS L A  590G  1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP L A  590I  1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT’L STUDY L A  590J  1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC CMPT APPL L A  590K  1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC ECO DESIGN L A  590L  1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
******* SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN L A  591  3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
2350005  W 5:10-8:00PM  
MEETS: JAN 8-MAY 4

ENVIR JUSTIC BUILT E L A  594  3 CREDITS  
Prereq: GRADUATE STANDING  
4164005  R 5:10-8:00PM  SHIRTLIFF B  
MEETS: JAN 8-MAY 4

CREATIVE COMPONENT L A  599  1- 8 CREDITS  
Prereq: PERMISSION OF MAJOR PROF  
Note: Instructor permission required 1st week.  
******* SEE DEPT FOR REFERENCE NUMBERS

STDO I:LANDFORM&PL L A  602  6 CREDITS  
Prereq: L A 601  
9824005  MWF 1:10-3:00  YOST B  
MEETS: JAN 8-MAY 4

STDO IV:CITY MATTEMS L A  604  6 CREDITS  
Prereq: L A 603  
4029005  ARRANGED, TR 8:00-1:00  ENGLER M  
MEETS: JAN 8-MAY 4

THESIS RESEARCH L A  699  1- 8 CREDITS  
Prereq: PERMISSION OF MAJOR PROFESSOR  
Note: Instructor permission required 1st week.  
******* SEE DEPT FOR REFERENCE NUMBERS

LATIN

ELEMENTARY LATIN II LATIN 102  4 CREDITS  
Prereq: LATIN 101  
Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL LATIN MAY NOT ENROLL IN 102. STUDENTS WHO HAVE COMPLETED MORE THAN 1 YEAR BUT LESS THAN 3 YEARS OF U.S. LATIN ARE REQUIRED TO TAKE 1ST YR TEST OUT EXAM.  
Meets international perspectives reqmt  
4855005  1 MTWF 10:00-10:50  
MEETS: JAN 8-MAY 4

4855010  2 MTWF 2:10-3:00  
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY LATIN 490  1- 6 CREDITS  
Prereq: 6 CR IN LATIN, PERMISSION OF DEPT CHAIR  
Note: No More Than 9 CREDITS IN LATIN 490 MAY BE APPLIED TOWARD GRADUATION.  
Permission of department chair required.  
******* SEE DEPT FOR REFERENCE NUMBERS

LEADERSHIP STUDIES

LEADNG WITH PURPOSE LD ST 122  1 CREDIT  
9525005  A W 3:10-5:00  SHAMBERGER K  
Note: SEC A FOR STUDENTS IN THE MEN OF COLOR ORGANIZATION  
MEETS: MARCH 5-MAY 4

9525010  B T 6:10-8:00PM  BOULDEN B  
MEETS: JAN 8-MARCH 2

CAMPUS LDRSHIP DEVELOPMENT LD ST 270  3 CREDITS  
9524003  TR 12:40-2:00  MANNING-OUELLETT  
MEETS: JAN 8-MAY 4

SPECIAL PROJECTS LD ST 290  1- 3 CREDITS  
Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION, PERMISSION OF THE INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

LDSHIP DIVERSE SOCIETY LD ST 322  3 CREDITS  
Prereq: SOCIETY FOR DIVERSITY CLASSIFICATION  
Note: Meets U.S. diversity reqmt  
4949005  1 TR 10:10-12:30  WIDNER T  
MEETS: JAN 8-MAY 4

4949010  2 TR 12:40-2:00  SNYDER-YULY J  
MEETS: JAN 8-MAY 4

4949015  3 TR 11:00-12:20  WIDNER T  
MEETS: JAN 8-MAY 4

4949050  XW ARRANGED  
MEETS: JAN 8-MAY 4

WOMEN & LEADERSHIP LD ST 333  3 CREDITS  
Prereq: SOCIETY FOR WOMEN CLASSIFICATION  
Note: Meets U.S. diversity reqmt  
4980005  1 TR 11:00-12:20  WIDNER T  
MEETS: JAN 8-MAY 4

SPL TOPIC: LEADERSHIP LD ST 370X  1- 3 CREDITS  
9937000  XW ARRANGED  
MEETS: JAN 8-MAY 4

LEADERSHIP FOUNDATIONS LD ST 422  3 CREDITS  
3700005  1 TR 9:00-10:50  WIDNER T  
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY LD ST 490  1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Departmental permission required.  
******* SEE DEPT FOR REFERENCE NUMBERS

LEARNING AND LEADERSHIP SCIENCES

DEVELOPMENT AND LEADERSHIP LNRS LL S 114  2 CREDITS  
3589005  A W 4:10-6:00PM  MEETS: JAN 8-MAY 4

PROB SOLV & ACT PLAN LL S 312  2 CREDITS  
3592005  ARRANGED  
MEETS: JAN 8-MAY 4

LIBERAL ARTS & SCIENCES

HUMANITIES FRONTIERS LAS 103B  1 CREDIT  
Note: No More Than 3 TOTAL CREDITS OF LAS 103X, LAS 103A, LAS 103B, LAS 103C, LAS 103D, AND LAS 103E MAY BE APPLIED TOWARD GRADUATION Satisfactory-Fail Only.  
7463005  1 TR 10:10-12:30  MEETS: JAN 8-MAY 4

7465005  2 TR 12:40-2:00  MEETS: JAN 8-MAY 4

7465100  3 TR 11:00-12:20  MEETS: JAN 8-MAY 4

7465605  XW ARRANGED  
MEETS: JAN 8-MAY 4

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.  
7463005  1 TR 10:10-12:30  MEETS: JAN 8-MAY 4

7465005  2 TR 12:40-2:00  MEETS: JAN 8-MAY 4

7465100  3 TR 11:00-12:20  MEETS: JAN 8-MAY 4

7465605  XW ARRANGED  
MEETS: JAN 8-MAY 4

Note: Section XW is off campus
LIBERAL ARTS & SCIENCES (CONTINUED)

BOLD LRNG CMH SEMNR LAS 106 1 CREDIT
Prereq: MEMBERSHIP IN THE BOLD LEARNING COMMUNITY
Satisfactory-Fail Only.
4031005 1 W 4:10-5:25
Note: Instructor permission required.

SPECIAL PROJECTS LAS 290D 1-3 CREDITS
Prereq: PERMISSION OF THE COLLEGE OF LAS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 298 R CREDIT
Prereq: PERMISSION OF LAS CAREER SERVICES; LAS MAJORS; SOFHNORE CLASSIFICATION
Note: Instructor permission required.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 398 R CREDIT
Prereq: PERMISSION OF LAS CAREER SERVICES; LAS MAJORS; JUNIOR CLASSIFICATION
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

LAS LAW LAS 400 R CREDIT
Note: College permission required.
9763005 A ARRANGED
MEETS: JAN 8-MAY 4
Note: SEC A DRAKE LAW SCHOOL
9763010 B ARRANGED
MEETS: JAN 8-MAY 4
Note: SEC B UNIVERSITY OF IOWA LAW SCHOOL

INDEPENDENT STUDY LAS 490A VAR. CREDITS
Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE
Note: College permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRNSH LAS 490E VAR. CREDITS
Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE
Note: No more than 9 credits of Las 490 may be applied toward graduation.
College permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SERVC LRNG DIVERSITY LAS 491B 1-4 CREDITS
Note: Meets U.S. diversity reqmt
******* SEE DEPT FOR REFERENCE NUMBERS

SRVC LRN INTL PERSP LAS 491C 1-4 CREDITS
Note: Meets international perspectives reqmt
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 498 R CREDIT
Prereq: PERMISSION OF LAS CAREER SERVICES; LAS MAJORS; SENIOR CLASSIFICATION
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LAS 499 1-4 CREDITS
Prereq: PERMISSION OF LAS CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

LIBRARY

INFORMATN LITERACY LIB 160 1 CREDIT
Prereq: COMP 101 REQUIRED FOR STUDENTS WHOSE NATIVE LANGUAGE IS NOT ENGLISH
Note: TEST-OUT FORM SCHEDULED WED., JAN, 18; THURS., JAN, 18; MDD., MARCH 21; OR THURS., MARCH 22.
SPECIAL LIBRARY TEST-OUT FEE IS $100. DETAILS AVAILABLE IN 140 PARKS LIBRARY.
Satisfactory-Fail Only.
4862005 1 M 9:00-9:50, ARRANGED
MEETS: JAN 8-MARCH 2
4862010 2 M 10:00-10:50
ARRANGED
MEETS: JAN 8-MARCH 2
4862015 3 M 11:00-11:50
ARRANGED
MEETS: JAN 8-MARCH 2
4862020 4 M 1:10-2:00, ARRANGED
MEETS: JAN 8-MARCH 2
4862025 5 M 2:10-3:00, ARRANGED
MEETS: JAN 8-MARCH 2
4862030 6 T 10:00-10:50, ARRANGED
MEETS: JAN 8-MARCH 2
4862035 7 T 11:00-10:50, ARRANGED
MEETS: JAN 8-MARCH 2
4862040 8 T 11:00-11:50
ARRANGED
MEETS: JAN 8-MARCH 2
4862045 9 T 12:00-12:50
ARRANGED
MEETS: JAN 8-MARCH 2
4862050 10 T 1:00-1:50, ARRANGED
MEETS: JAN 8-MARCH 2
4862055 11 W 9:00-9:50, ARRANGED
MEETS: JAN 8-MARCH 2
4862060 12 W 10:00-10:50
ARRANGED
MEETS: JAN 8-MARCH 2
**LINGUISTICS**

INTRO STDY LINGUIST LING 101 1 CREDIT
Prereq: ENGL 219 OR LING 219

INTRO WORLD LANGUAG LING 119 3 CREDITS
Note: Meets international perspectives reqmt

INTRO SYMB LOGIC LING 207 3 CREDITS
Prereq: ENGL 219 OR LING 219

INTRO LINGUISTICS LING 219 3 CREDITS
Prereq: SOFLOMERO CLASSIFICATION

TOPC LINGUIST STRUC LING 320X 3 CREDITS
Prereq: ENGL 219 OR LING 219, ENGL 220 OR LING 220

THEORY OF COMPUTING LING 331 3 CREDITS
Prereq: COM S 228, COM S 229, COM S 330 OR CPR E 330; MATH 166, ENGL 250

PRAC APPLD LING &TEC LING 590G VAR. CREDITS
Prereq: 9 CR IN ANTHRO, LING SOPH. & ABOVE

SPECIFIC PURPO ENGL LING 528 3 CREDITS
Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS

INTRO COMM DISORDER LING 275 3 CREDITS

DISCOURSE ANALYSIS LING 527 3 CREDITS
Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS

LINGUISTICS (CONTINUED)

**LINGUISTICS**

HIST OF ENGLISH LANG LING 420 3 CREDITS
Prereq: ENGL 219, ENGL 220

WOMEN, MEN&ENGL LANG LING 422 3 CREDITS
Prereq: ENGL 219

2ND LANG LENGTH CHNG LING 425 3 CREDITS
Prereq: ENGL 219, JUNIOR CLASSIFICATION

INTRO SYMB LOGIC LING 207 3 CREDITS
Prereq: ENGL 219 OR LING 219

INTRO LINGUISTICS LING 219 3 CREDITS
Prereq: SOFLOMERO CLASSIFICATION

TOPC LINGUIST STRUC LING 320X 3 CREDITS
Prereq: ENGL 219 OR LING 219, ENGL 220 OR LING 220

THEORY OF COMPUTING LING 331 3 CREDITS
Prereq: COM S 228, COM S 229, COM S 330 OR CPR E 330; MATH 166, ENGL 250

PRAC APPLD LING &TEC LING 590G VAR. CREDITS
Prereq: 9 CR IN ANTHRO, LING SOPH. & ABOVE

SPECIFIC PURPO ENGL LING 528 3 CREDITS
Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS

INTRO STDY LANG ANTHR LING 490D 1-5 CREDITS
Prereq: 9 CR IN ANTHRO, LING SOPH. & ABOVE

LANGU ASSESS PRACTM LING 513 3 CREDITS
Prereq: ENGL 519

LINGUISTICS (CONTINUED)

HIST OF ENGLISH LANG LING 420 3 CREDITS
Prereq: ENGL 219, ENGL 220

WOMEN, MEN&ENGL LANG LING 422 3 CREDITS
Prereq: ENGL 219

2ND LANG LENGTH CHNG LING 425 3 CREDITS
Prereq: ENGL 219, JUNIOR CLASSIFICATION

INTRO SYMB LOGIC LING 207 3 CREDITS
Prereq: ENGL 219 OR LING 219

INTRO LINGUISTICS LING 219 3 CREDITS
Prereq: SOFLOMERO CLASSIFICATION

TOPC LINGUIST STRUC LING 320X 3 CREDITS
Prereq: ENGL 219 OR LING 219, ENGL 220 OR LING 220

THEORY OF COMPUTING LING 331 3 CREDITS
Prereq: COM S 228, COM S 229, COM S 330 OR CPR E 330; MATH 166, ENGL 250

PRAC APPLD LING &TEC LING 590G VAR. CREDITS
Prereq: 9 CR IN ANTHRO, LING SOPH. & ABOVE

SPECIFIC PURPO ENGL LING 528 3 CREDITS
Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS

INTRO SYMB LOGIC LING 207 3 CREDITS
Prereq: ENGL 219 OR LING 219

INTRO LINGUISTICS LING 219 3 CREDITS
Prereq: SOFLOMERO CLASSIFICATION

TOPC LINGUIST STRUC LING 320X 3 CREDITS
Prereq: ENGL 219 OR LING 219, ENGL 220 OR LING 220

THEORY OF COMPUTING LING 331 3 CREDITS
Prereq: COM S 228, COM S 229, COM S 330 OR CPR E 330; MATH 166, ENGL 250
ENTREPRENEURSHIP & INNOVATION MGMT 310 3 CREDITS
Prereq: Sophomore Classification
Note: SEC A, B1, C1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY.
SEC A, B2, C2 FOR COLLEGES OTHER THAN BUSINESS MAJORS.
COURSE NOT OPEN TO UNDERGRAD STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
5318005 A1 TR 8:00-10:25
MEETS: JAN 8-MAY 4
5318010 A2 TR 11:00-12:15
MEETS: JAN 8-MAY 4
5318015 B1 MW 1:10-2:00
MEETS: JAN 8-MAY 4
5318020 B2 MW 1:10-2:00
MEETS: JAN 8-MAY 4
5318025 C1 TR 5:10-6:25
MEETS: JAN 8-MAY 4
5318030 C2 TR 5:10-6:25
MEETS: JAN 8-MAY 4
5318035 D1 T 6:40-9:25
MEETS: JAN 8-MAY 4
5318040 D2 T 6:40-9:25
MEETS: JAN 8-MAY 4
5318045 E1 TR 12:40-1:55
MEETS: JAN 8-MAY 4
5318050 E2 TR 12:40-1:55
MEETS: JAN 8-MAY 4

FEASIBILITY ANALYSIS BUS PLN MGMT 313 3 CREDITS
Prereq: MGMT 310
Note: SEC A, B1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS.
SEC A, B2 FOR COLLEGES OTHER THAN BUSINESS MAJORS.
COURSE NOT OPEN TO UNDERGRAD STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
6779005 A T 6:40-9:25
MEETS: JAN 8-MAY 4
6779010 A2 T 6:40-9:25
MEETS: JAN 8-MAY 4
6779015 B1 TR 11:00-12:15
MEETS: JAN 8-MAY 4
6779020 B2 TR 11:00-12:15
MEETS: JAN 8-MAY 4

CORPORATE ENTREPRENEURSHIP MGMT 320X 3 CREDITS
Prereq: MGMT 310
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS OTHER THAN P BUS.
4578005 A MWF 11:00-11:50
MEETS: JAN 8-MAY 4

INTERNATIONAL MGMT MGMT 367 3 CREDITS
Prereq: Sophomore Classification
Note: COURSE INCLUDES A REQUIRED STUDY ABROAD TRIP TO ITALY DURING SPRING BREAK 2018.
FOR MORE INFORMATION & TO REGISTER CONTACT TAYLOR SHIRE -TSHIRE@IASTATE.EDU
5293005 A1 MFN 8:00-9:50
MEETS: JAN 8-MAY 4
5293010 A2 MFN 8:00-9:50
MEETS: JAN 8-MAY 4
5293015 B1 MFN 10:00-1:00
MEETS: JAN 8-MAY 4
5293020 B2 MFN 9:00-10:50
MEETS: JAN 8-MAY 4

PERS & HUMAN RESOURCE MGMT MGMT 471 3 CREDITS
Prereq: Junior Standing
Note: SEC A1, B1 RESTRICTED TO MGMT MAJORS. SEC A2, B2 RESTRICTED MAJORS OTHER MGMT, P BUS.
COURSE RESTRICTED TO UNDERGRAD STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
4444005 A1 MFN 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC A1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS.
Note: SEC A2 RESTRICTED TO STUDENTS OTHER THAN P BUS.
Note: SEC A2, B2 RESTRICTED MAJORS OTHER THAN MGMT, P BUS.
COURSE NOT OPEN TO UNDERGRAD STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
5283000 A W 6:40-9:25
MEETS: JAN 8-MAY 4
5283010 A1 W 6:40-9:25
MEETS: JAN 8-MAY 4
5283015 B1 MFN 10:00-10:50
MEETS: JAN 8-MAY 4
5283020 B2 MFN 9:00-10:50
MEETS: JAN 8-MAY 4

MANAGEMENT OF DIVERSITY MGMT 472 3 CREDITS
Prereq: Junior Classification
Note: STUDENTS OTHER THAN P BUS. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
4444005 A1 MFN 11:00-11:50
MEETS: JAN 8-MAY 4
5283010 A2 MFN 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC A2 RESTRICTED MAJORS OTHER THAN THE BUSINESS COLLEGE.
5283015 B1 MFN 12:10-1:00
MEETS: JAN 8-MAY 4
Note: SEC B1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS.
5283020 B2 MFN 12:10-1:00
MEETS: JAN 8-MAY 4

STRATEGIC MANAGEMENT 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 2019 IN THE COLLEGE OF BUSINESS
5294005 A TR 6:40-9:25
MEETS: JAN 8-MAY 4
5294010 B TR 6:40-9:25
MEETS: JAN 8-MAY 4
5294015 C TR 11:00-12:15
MEETS: JAN 8-MAY 4
5294020 D TR 12:40-2:00
MEETS: JAN 8-MAY 4
5294025 E TR 2:10-3:30
MEETS: JAN 8-MAY 4
5294030 F TR 3:40-5:00
MEETS: JAN 8-MAY 4
5294035 G TR 5:10-6:25
MEETS: JAN 8-MAY 4
5294040 H MON 6:40-9:25
MEETS: JAN 8-MAY 4
5294045 K TR 3:40-5:00
MEETS: JAN 8-MAY 4
5294050 L TR 6:40-9:25
MEETS: JAN 8-MAY 4
MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

PROJECT MANAGEMENT MIS 340 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MIS 301
Note: SEC A1, B2, EC RESTRICTED TO BUS COLLEGE UNDERGRADS EXCEPT P BUS. SEC A2, B2, EC FOR MAJORS OTHER THAN BUS COLLEGE COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
4561005 A1 TR 12:40-1:55 MEETS: JAN 8-APRIL 4
4561010 A2 TR 12:40-1:55 MEETS: JAN 8-APRIL 4
4561015 B1 TR 3:40-4:55 MEETS: JAN 8-APRIL 4
4561020 B2 TR 3:40-4:55 MEETS: JAN 8-APRIL 4
4561025 CI TR 5:10-6:25PM MEETS: JAN 8-APRIL 4
4561030 C2 TR 5:10-6:25PM MEETS: JAN 8-APRIL 4
ADV BUSINESS PROGRAM MIS 407 3 CREDITS
Prereq: MIS 307
1775005 A1 MWF 2:10-3:00 MEETS: JAN-APRIL 4
Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY
1775010 A2 MWF 2:10-3:00 MEETS: JAN-APRIL 4
Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTRP, FIN, MGMT, SCM & MKT UNDERGRADS
INFO SYS INFRASTRUCT MIS 435 3 CREDITS
Prereq: MIS 301
Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY. SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, ENTRP, FIN, MGMT, MRT, SCM MAJORS ONLY. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION
6396005 A1 TR 2:10-3:25 MEETS: JAN 8-APRIL 4
6396010 A2 TR 2:10-3:25 MEETS: JAN 8-APRIL 4
INTRO BUSINESS ANALYTICS MIS 436 3 CREDITS
Prereq: MIS 301
8713005 A1 TR 2:10-3:25 MEETS: JAN 8-APRIL 4
Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY
8713010 A2 TR 2:10-3:25 MEETS: JAN 8-APRIL 4
Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTRP, FIN, MGMT, MRT & MKT UNDERGRADS
ENTERPRISE SYSTEMS MIS 445 3 CREDITS
Prereq: MIS 301
Note: COURSE RESTRICTED TO MIS MAJORS ONLY
7696005 A TR 9:30-10:45 MEETS: JAN 8-APRIL 4
ADV BUSINESS ANALYTICS MIS 446 3 CREDITS
Prereq: MIS 320
9113005 A1 M 5:10-6:25PM MEETS: JAN 8-APRIL 4
Note: SEC A1 RESTRICTED TO MIS, SCM MAJORS ONLY
9113010 A2 TR 5:10-6:25PM MEETS: JAN 8-APRIL 4
INFO SYSTEM DEVELOPMENT MIS 447 3 CREDITS
Prereq: MIS 301
5291005 A1 M 6:40-9:25PM MEETS: JAN 8-APRIL 4
Note: SEC A1 RESTRICTED TO MIS UNDERGRADS ONLY
5291010 A2 M 6:40-9:25PM MEETS: JAN 8-APRIL 4
INDEPENDENT STUDY MIS 490 1-3 CREDITS
Prereq: MIS 301, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS
CASE PRACTICUM MIS 495 3 CREDITS
Prereq: MIS 301
Note: COURSE RESTRICTED TO MIS MAJORS ONLY
7819005 A A 5:10-6:25PM ARRANGED MEETS: JAN 8-APRIL 4
MANAGEMENT INFORMATION SYSTEMS MIS 501 3 CREDITS
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
Note: Department permission required 1st week
9126005 A TR 7:30-10:50 MEETS: JAN 8-FEB 15
9126010 B M 6:40-10:00PM MEETS: JAN 8-APRIL 2
MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

TELECOMMUNICATIONS MGT MIS 535 3 CREDITS
Prereq: MIS 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS OR WITH PERMISSION FROM THE COLLEGE OF BUSINESS
8679005 A TR 12:40-1:55 MEETS: JAN 8-APRIL 4
FOUND BUSINESS ANALYTICS MIS 536 3 CREDITS
4234005 A W 6:40-10:00PM MEETS: JAN 8-APRIL 4
BUSINESS PROCESSES MIS 538 3 CREDITS
Prereq: MIS 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS OR WITH PERMISSION FROM THE COLLEGE OF BUSINESS
2259005 A R 6:40-10:00PM MEETS: JAN 11-APRIL 5
TOPICS MGT INFO SYS MIS 539 3 CREDITS
Prereq: MIS 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS OR WITH PERMISSION FROM THE COLLEGE OF BUSINESS
7953005 A W 6:40-10:00PM MEETS: JAN 8-APRIL 4
7953010 B W 6:40-10:00PM MEETS: JAN 8-APRIL 4
ADVANCED BUSINESS ANALYTICS MIS 546 3 CREDITS
4333005 A T 6:40-10:00PM MEETS: JAN 8-APRIL 4
Note: COURSE RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
PECIAL TOPICS MIS 590 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
****** SEE DEPT FOR REFERENCE NUMBERS
RES SEMINAR IN MIS MIS 598 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
8081005 A W 2:00-5:20 MEETS: JAN 8-APRIL 4
CREATIVE COMPONENT MIS 599 3 CREDITS
Prereq: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
****** SEE DEPT FOR REFERENCE NUMBERS
SMNR IT STRATEGIES MIS 603 3 CREDITS
Prereq: MIS 601
7531005 A R 9:00-11:50 MEETS: JAN 8-APRIL 4
RESEARCH MIS 699 3-6 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
****** SEE DEPT FOR REFERENCE NUMBERS

MARKETING

PRINCIPLES OF MARKETING MRT 340 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN ECON 101
Note: COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
5352005 A MWF 2:10-3:00 MEETS: JAN 8-APRIL 4
Note: SEC A RESTRICTED TO ACCT, AG B, AG SO, AN S, BUS S, BUS U, BUSEC, ENTRP, DSY, HORT, I TEC, ENTRP, FIN, MGMT, MRT, SCM, MRT & MKT UNDERGRADS
5352010 B TR 3:40-5:15 MEETS: JAN 8-APRIL 4
Note: SEC B RESTRICTED TO ACCT, AG B, AG SO, AN S, BUS S, BUS U, BUSEC, ENTRP, DSY, HORT, I TEC, ENTRP, FIN, MGMT, MRT, SCM, MRT & MKT UNDERGRADS
5352015 C TR 11:00-12:15 MEETS: JAN 8-APRIL 4
Note: SEC C RESTRICTED TO ACCT, AG B, AG SO, AN S, BUS S, BUS U, BUSEC, ENTRP, DSY, HORT, I TEC, ENTRP, FIN, MGMT, MRT, SCM, MRT & MKT UNDERGRADS
5352020 D MWF 1:10-2:00 MEETS: JAN 8-APRIL 4
Note: SEC D RESTRICTED TO ACCT, AG B, AG SO, AN S, BUS S, BUS U, BUSEC, ENTRP, DSY, HORT, I TEC, ENTRP, FIN, MGMT, MRT, SCM, MRT & MKT UNDERGRADS
5352025 E MWF 1:10-2:00 MEETS: JAN 8-APRIL 4
Note: SEC E RESTRICTED TO ANY MAJOR OTHER THAN BUSINESS COLLEGE OR AG B, AG SO, AN S, BUS S, BUS U, BUSEC, ENTRP, DSY, HORT, I TEC, ENTRP, FIN, MGMT, MRT, SCM, MRT & MKT UNDERGRADS
5352030 F MWF 12:10-1:20 MEETS: JAN 8-APRIL 4
Note: SEC F RESTRICTED TO ACCT, AG B, AG SO, AN S, BUS S, BUS U, BUSEC, ENTRP, DSY, HORT, I TEC, ENTRP, FIN, MGMT, MRT, SCM, MRT & MKT UNDERGRADS
5352035 G W 12:10-1:20 MEETS: JAN 8-APRIL 4
Note: SEC G RESTRICTED TO ACCT, AG B, AG SO, AN S, BUS S, BUS U, BUSEC, ENTRP, DSY, HORT, I TEC, ENTRP, FIN, MGMT, MRT, SCM, MRT & MKT UNDERGRADS
5352040 H W 12:10-1:20 MEETS: JAN 8-APRIL 4
Note: SEC H RESTRICTED TO ACCT, AG B, AG SO, AN S, BUS S, BUS U, BUSEC, ENTRP, DSY, HORT, I TEC, ENTRP, FIN, MGMT, MRT, SCM, MRT & MKT UNDERGRADS
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<th>Credits</th>
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<td>MARKETING RSEARCH TCNQ MGT 444</td>
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<td>PROMOTIONAL STRATEG MKT 410</td>
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<td>GLOBAL MARKETING MGT 448</td>
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<td>INDEPENDENT STUDY MGT 490</td>
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<td>IN'TL MARKETING MGT 541</td>
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<td>CUSTOMER RELATN MGT 445</td>
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<td>PERSONAL SALES MKT 343</td>
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<td>PRIN OF MARKETING MKT 340</td>
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<td>CHILDREN'S NUTRITION MGT 315</td>
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**Notes:**
- Sec A1, B1 restricted to MKT majors only.
- Sec A2, B2 for majors other than MKT and P BUS.
- Grad students must have permission from 1200 GERDIN.
- Sec A1 restricted to MKT majors only.
- Sec A2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- 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 must have permission from 1200 GERDIN.
- Sec A1, B1, etc. for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Course not open to graduate students.
- Course restricted to MKT seniors only.
- Course restricted to MKT majors only.
- Graduate students must have permission from 1200 GERDIN.
- Sec A2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Sec A2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Course restricted to MKT majors only.
- Note: Course restricted to MKT majors only.
- Sec A2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Sec B2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Sec A1 restricted to MKT majors only.
- Note: Course restricted to MKT seniors only.
- Sec A1 restricted to MKT majors only.
- Sec A2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Sec B2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Sec A1 restricted to MKT majors only.
- Note: Course restricted to MKT seniors only.
- Sec A1 restricted to MKT majors only.
- Sec A2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Sec B2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Note: Course restricted to MKT majors only.
- Sec A1 restricted to MKT majors only.
- Sec A2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Sec A1 restricted to MKT majors only.
- Note: Course restricted to MKT seniors only.
- Sec A1 restricted to MKT majors only.
- Note: Sec A1 restricted to MKT majors only.
- Sec A2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Sec A2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Sec A1 restricted to MKT majors only.
- Note: Course restricted to MKT seniors only.
- Sec A1 restricted to MKT majors only.
- Sec A2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Sec A2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
- Note: Sec A1 restricted to MKT majors only.
- Sec A2 for majors other than MKT, P BUS.
- Graduate students must have permission from 1200 GERDIN.
### MATERIALS ENGINEERING (CONTINUED)

<table>
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<th>Course Code</th>
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MATHEMATICS                               (CONTINUED)
INTRO TO MATH IDEAS       MATH 105       3 CREDITS
PreReq: SATISFACTORY PERFORMANCE ON PLACEMENT
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
HIGH SCHOOL GEOMETRY
Note: CREDITS EARNED IN MATH 105 CANNOT BE APPLIED
TOWARD GRADUATION BY MAJORS.
MEETS: JAN 8-MAY 4
5129005 MWF 9:00-9:50
MEETS: JAN 8-MAY 4

COLLEGE ALGEBRA           MATH 140       3 CREDITS
PreReq: SATISFACTORY PERFORMANCE ON PLACEMENT
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
HIGH SCHOOL GEOMETRY OR MATH 30
Note: CREDITS EARNED IN MATH 140 CANNOT BE APPLIED
TOWARD GRADUATION BY MAJORS. STUDENTS IN THE
COLLEGE OF LIBERAL ARTS AND SCIENCES MAY NOT APPLY
MATH 140 TOWARD THE GEN ED REQUIREMENTS FOR GRADUATION
5132005 1 TR 8:00-8:50
W 8:00-8:50
MEETS: JAN 8-MAY 4
5132010 2 TR 8:00-8:50
W 8:00-8:50
MEETS: JAN 8-MAY 4
5132015 3 TR 8:00-8:50
W 9:00-9:50
MEETS: JAN 8-MAY 4
5132020 4 TR 8:00-8:50
W 9:00-9:50
MEETS: JAN 8-MAY 4
5132025 5 TR 8:00-8:50
W 10:00-10:50
MEETS: JAN 8-MAY 4
5132030 6 TR 8:00-8:50
W 10:00-10:50
MEETS: JAN 8-MAY 4
5132035 7 TR 8:00-8:50
W 12:10-1:00
MEETS: JAN 8-MAY 4
5132040 8 WF 12:10-1:00
R 12:10-1:00
MEETS: JAN 8-MAY 4
5132045 9 WF 12:10-1:00
R 12:10-1:00
MEETS: JAN 8-MAY 4
5132050 10 NF 12:10-1:00
R 1:10-2:00
MEETS: JAN 8-MAY 4
5132055 11 NF 12:10-1:00
R 1:10-2:00
MEETS: JAN 8-MAY 4
5132060 12 WF 12:10-1:00
R 3:10-4:00
MEETS: JAN 8-MAY 4
5132065 13 WF 12:10-1:00
R 3:10-4:00
MEETS: JAN 8-MAY 4

PREP FOR CALCULUS           MATH 143       4 CREDITS
PreReq: SATISFACTORY PERFORMANCE ON PLACEMENT
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA; 1 YEAR OF
HIGH SCHOOL GEOMETRY OR MINIMUM OF C- IN MATH 140
Note: CREDIT FOR EITHER MATH 143 OR MATH 145, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY NOT APPLY MATH 143
TOWARD GENERAL EDUCATION REQUIREMENTS.
51342005 A MW 2:10-3:00
TR 12:10-1:00
MEETS: JAN 8-MAY 4
51342010 B MW 2:10-3:00
TR 12:10-1:00
MEETS: JAN 8-MAY 4
51342015 C MW 2:10-3:00
TR 11:00-1:00
MEETS: JAN 8-MAY 4
51342020 D MW 2:10-3:00
TR 11:00-1:00
MEETS: JAN 8-MAY 4
51342025 E MW 2:10-3:00
TR 11:00-1:00
MEETS: JAN 8-MAY 4
51342030 F MW 2:10-3:00
TR 11:00-1:00
MEETS: JAN 8-MAY 4

APPLD TRIGONOMETRY          MATH 145       3 CREDITS
PreReq: SATISFACTORY PERFORMANCE ON PLACEMENT
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA; 1 YEAR OF
HIGH SCHOOL GEOMETRY OR MINIMUM OF C- IN MATH 140
Note: CREDIT IN EITHER MATH 143 OR MATH 145, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION. STUDENTS IN THE
LAS COLLEGE MAY NOT APPLY MATH 145 TOWARD THE
GENERAL EDUCATION REQUIREMENTS. COURSE NOT OPEN TO
ENGINEERING COLLEGE MAJORS.
9173005 A MF 8:00-8:50
W 8:00-8:50
MEETS: JAN 8-MAY 4
9173010 B MF 8:00-8:50
W 9:00-9:50
MEETS: JAN 8-MAY 4
9173015 C MF 8:00-8:50
W 11:00-1:50
MEETS: JAN 8-MAY 4
9173020 D MF 8:00-8:50
W 11:00-1:50
MEETS: JAN 8-MAY 4

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 HOURS 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 MAJORS.
5135003 A ARRANGED, T 9:00-9:50
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135010 B ARRANGED
T 10:00-10:50
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135015 C ARRANGED, T 1:10-2:00
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135020 D ARRANGED
T 2:10-3:00
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135025 E ARRANGED, T 3:10-4:00
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135030 F ARRANGED, T 4:10-5:00
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135035 G ARRANGED, W 9:00-9:50
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135040 H ARRANGED
W 10:00-10:50
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135045 J ARRANGED
W 11:00-11:50
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135050 K ARRANGED
W 12:10-1:00
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135055 L ARRANGED, W 1:10-2:00
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135060 M ARRANGED, W 2:10-3:00
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135065 N ARRANGED, W 3:10-4:00
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135070 P ARRANGED
R 10:00-10:50
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135075 Q ARRANGED
R 11:00-11:50
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
5135080 R ARRANGED, F 9:00-9:50
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW
Section info: http://orion.math.iastate.edu/mathbus
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**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.

**Survey of Calculus**

Math 151

Prereq: Satisfactory Performance on Placement Assessment, 2 Years of High School Algebra, 1 Year of High School Geometry, or Math 143. Credit earned in 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.

**Calculus I**

Math 165

Prereq: Satisfactory Performance on Placement Assessment, 2 Years of High School Algebra, 1 Year of Geometry, 1 Semester of Trigonometry, or Math 143.
MEETS: JAN 8-MAY 4
5144005   A MWF 9:00-9:20
MEETS: JAN 8-MAY 4
5144010   B MFN 9:30-10:50
MEETS: JAN 8-MAY 4
5144015   C MFN 11:00-12:20
MEETS: JAN 8-MAY 4
5144020   D MFN 12:40-2:00
MEETS: JAN 8-MAY 4
5144025   E MWF 2:10-3:30
MEETS: JAN 8-MAY 4
MATH FOR ELEM ED I  MATH 195  3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
ASSESSMENT, 2 YEARS HIGH SCHOOL ALGEBRA, 1 YEAR OF
HIGH SCHOOL GEOMETRY, ENROLLMENT IN ELEMENTARY ED
OR EARLY CHILDHOOD EDUCATION.
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS.
STUDENTS IN THE LAS COLLEGE MAY NOT APPLY CREDIT
IN MATH 195 TOWARD GENERAL ED REQUIREMENTS FOR
GRADUATION.
Night exams scheduled. For dates go to
http://www.registrar.iastate.edu/students/exams/
night-exams.
5144005   A MWF 9:00-9:20
MEETS: JAN 8-MAY 4
MATHEMATICS (CONTINUED)

CALCULUS III  MATH 265  4 CREDITS
5151090  18 MWF 12:10-1:00
5151093  19 MWF 12:10-1:00
5151100  20 MWF 12:10-1:00
5151105  21 MWF 12:10-1:00
5151110  22 MWF 12:10-1:00
5151115  23 MWF 12:10-1:00
HONORS CALCULUS III  MATH 265H  4 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR; AND MATH 166 OR MATH 166H.
Note: HIGH MATH PLACEMENT SCORES RECOMMENDED BUT NOT REQUIRED. PREFERENCE WILL BE GIVEN TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM.
2073005 MTRF 12:10-1:00
MEETS: JAN 8 - MAY 4

ELEM DIFF EQNTHS 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 269, MATH 269H.
5152005 A MWF 8:00-8:50
5152010 B MWF 10:00-10:50
5152015 C MTRF 10:00-10:50
5152020 D MWF 12:10-1:00
MEETS: JAN 8 - APRIL 2
Note: SEC C RESTRICTED TO MATH MAJORS ONLY

DIFF EQ & TRANSFS 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 269, MATH 269H.
5153005 1 MWF 8:00-8:50
5153010 2 MWF 8:00-8:50
5153015 3 MWF 8:00-8:50
5153020 4 MWF 8:00-8:50
5153025 5 MWF 8:00-8:50
5153030 6 MWF 8:00-8:50
5153035 7 MWF 10:00-10:50
5153040 8 MWF 10:00-10:50
5153045 9 MWF 10:00-10:50
5153050 10 MWF 10:00-10:50
5153055 11 MWF 10:00-10:50
5153060 12 MWF 10:00-10:50
5153065 13 MTRF 10:00-10:50
Note: SEC C RESTRICTED TO MATH MAJORS ONLY

DIFF EQ & TRANSFS MATH 267  4 CREDITS
5153090 18 MWF 12:10-1:00
5153093 19 MWF 12:10-1:00
5153100 20 MWF 12:10-1:00
5153105 21 MWF 12:10-1:00
5153110 22 MWF 12:10-1:00
5153115 23 MWF 12:10-1:00
MEETS: JAN 8 - MAY 4

GRAPH THEORY MATH 314  3 CREDITS
Prereq: MATH 166 OR MATH 166H; MATH 317 OR MATH 201;
GRADE OF C- OR BETTER IN MATH 201.
5156305 TR 11:00-12:20
MEETS: JAN 8 - MAY 4

ABSTRACT ALGEBRA II MATH 302  3 CREDITS
Prereq: MATH 301.
5159005 MWF 10:00-10:50
MEETS: JAN 8 - MAY 4

ABSTRACT ALGEBRA I MATH 301  3 CREDITS
Prereq: MATH 166 OR MATH 166H, MATH 317 OR MATH 201;
GRADE OF C- OR BETTER IN MATH 201.
5158005 A MWF 10:00-10:50
5158010 B MWF 10:00-10:50
MEETS: JAN 8 - MAY 4

INDEPENDENT STUDY MATH 290H  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR.
Note: Department permission required.
5157005 ARRANGED
MEETS: JAN 8 - MAY 4

THRY LINEAR ALGEBRA MATH 317  4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 201.
Note: CREDIT FOR EITHER MATH 207 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
7872005 A MTRF 9:00-9:50
7872010 B MWF 2:10-3:00
7872015 C MTRF 10:00-10:50
MEETS: JAN 8 - MAY 4

INDEPENDENT STUDY 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.
5156005 ARRANGED
MEETS: JAN 8 - MAY 4

SYSTMS OF DIFF EQ 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 269, MATH 269H.
Instructor permission required.
5155005 ARRANGED
MEETS: JAN 8 - MAY 4

LAPLACE TRANSFORMS MATH 268  1 CREDIT
Prereq: MATH 201.
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.
5154005 ARRANGED
MEETS: JAN 8 - MAY 4

ABSTRACT ALGEBRA I MATH 301  3 CREDITS
Prereq: MATH 166 OR MATH 166H, MATH 317 OR MATH 201;
GRADE OF C- OR BETTER IN MATH 201.
5158005 A MWF 10:00-10:50
5158010 B MWF 10:00-10:50
MEETS: JAN 8 - MAY 4

THRY LINEAR ALGEBRA MATH 317  4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 201.
Note: CREDIT FOR EITHER MATH 207 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
7872005 A MTRF 9:00-9:50
7872010 B MWF 2:10-3:00
7872015 C MTRF 10:00-10:50
MEETS: JAN 8 - MAY 4

ABSTRACT ALGEBRA II MATH 302  3 CREDITS
Prereq: MATH 301.
5159005 MWF 10:00-10:50
MEETS: JAN 8 - MAY 4

GRAPH THEORY MATH 314  3 CREDITS
Prereq: MATH 166 OR MATH 166H; MATH 201 OR
EXPERIENCE WITH PROOFS.
5163005 TR 11:00-12:20
MEETS: JAN 8 - MAY 4

INDEPENDENT STUDY MATH 290H  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR.
Note: Department permission required.
5156005 A ARRANGED
MEETS: JAN 8 - MAY 4

THRY LINEAR ALGEBRA MATH 317  4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 201.
Note: CREDIT FOR EITHER MATH 207 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
7872005 A MTRF 9:00-9:50
7872010 B MWF 2:10-3:00
7872015 C MTRF 10:00-10:50
MEETS: JAN 8 - MAY 4

ABSTRACT ALGEBRA II MATH 302  3 CREDITS
Prereq: MATH 301.
5159005 MWF 10:00-10:50
MEETS: JAN 8 - MAY 4
MATHEMATICS  (CONTINUED)

INTR THY PROBAB & I MATH 341  3 CREDITS
Prereq: MATH 265 (OR MATH 265H)
Note: кредит FOR EITHER MATH 265 OR MATH 265H
MATH 341 OR MATH 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5166005 MWF 9:00-9:50
MEETS: JAN 8-MAY 4

INTR THY PROB & STAT II MATH 342  3 CREDITS
Prereq: STAT 341; MATH 307 OR MATH 317
5167005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

NUMBERS THEORY MATH 350  3 CREDITS
Prereq: MATH 201 OR COM S 230
5170005 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

COMPLEX VARIABLES MATH 365  3 CREDITS
Prereq: MATH 265
5168005 TR 12:40-2:00
MEETS: JAN 8-MAY 4

INTR PART DIFF EQUA MATH 385  3 CREDITS
Prereq: MATH 265 AND ONE OF MATH 266, MATH 267
5170005 MWF 8:00-9:20
MEETS: JAN 8-MAY 4

UNIV MATH TCH SECEDY MATH 397  3 CREDITS
Prereq: MATH 201, MATH 301
7521005 A ARRANGED
MEETS: JAN 8-MAY 4
7521010 B MWF 10:00-10:50
MEETS: JAN 8-MAY 4

COOPERATIVE EDUC MATH 398  R CREDIT
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
4551005 ARRANGED
MEETS: JAN 8-MAY 4

ANALYSIS I MATH 414  3 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 261
5171005 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

ANALYSIS II MATH 415  3 CREDITS
Prereq: MATH 414; MATH 265; MATH 317 OR MATH 407
5172005 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

GEOMETRY II MATH 436  3 CREDITS
Prereq: MATH 435
5176005 MWF 12:10-1:00
MEETS: JAN 8-MAY 4

FRAC TALS AND CHAOS MATH 439  3 CREDITS
Prereq: MATH 265; MATH 266 OR MATH 267
8519005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

NUMERICAL MTHDS DIFF EQ MATH 481  3 CREDITS
Prereq: MATH 265 AND EITHER MATH 266 OR MATH 267;
KNOWLEDGE OF A PROGRAMMING LANGUAGE
5180005 TR 10:00-10:50
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY MATH 490  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF MATH 490 OR MATH 490H
MAY BE APPLIED TOWARD GRADUATION.
****** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD THESIS MATH 491  2- 3 CREDITS
Note: Department permission required.
5184005 ARRANGED
MEETS: JAN 8-MAY 4

UNDERGRAD SEMINAR MATH 492  2 CREDITS
Prereq: MATH 317 OR MATH 407
6698005 1 M 3:10-5:00
MEETS: JAN 8-MAY 4
6698010 2 ARRANGED
MEETS: JAN 8-MAY 4

SPECIAL TOPICS MATH 495  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: May be repeated for credit under different
7683005 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

TOPOLOGY MATH 502  3 CREDITS
Prereq: MATH 414 OR MATH 501
4958005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

ABSTRACT ALGEBRA II MATH 505  3 CREDITS
Prereq: MATH 504
5187005 A MWF 12:10-1:00
MEETS: JAN 8-MAY 4

LINEAR ALGEBRA MATH 510  3 CREDITS
Prereq: MATH 317, OR MATH 407, OR MATH 207
5191005 MWF 9:00-9:50
MEETS: JAN 8-MAY 4

FNC T SNGL CMPLEX VAR MATH 511  3 CREDITS
Prereq: MATH 414 OR MATH 501
5192005 A MWF 9:00-9:50
MEETS: JAN 8-MAY 4

REAL ANALYSIS II MATH 516  3 CREDITS
Prereq: MATH 515
8868005 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

FINITE DIFFRNC MTHD MATH 517  3 CREDITS
Prereq: MATH 481 OR MATH 561
6101005 MWF 12:10-1:00
MEETS: JAN 8-MAY 4

MATH APPLIED MATH II MATH 520  3 CREDITS
2297005 TR 9:30-10:50
MEETS: JAN 8-MAY 4

NUM ANALY HI-P CMP MATH 525  3 CREDITS
Prereq: CPR E 308 OR MATH 481; EXPERIENCE IN
SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C
1367005 TR 11:00-1:00
MEETS: JAN 8-MAY 4

STEGERNOADB FORNASC MATH 535  3 CREDITS
Prereq: E E 524 OR MATH 317 OR MATH 407 OR
COM S 310
7681005 TR 9:30-10:50
MEETS: JAN 8-MAY 4

7681600 XE ARRANGED NEWMAN J
Note: Section XE is off campus
Course delivery is WWW

NUMERICAL ANALYS II MATH 562  3 CREDITS
5703005 TR 12:40-2:00
MEETS: JAN 8-MAY 4

NONLINEAR SYSTEMS MATH 578  3 CREDITS
8195005 M 4:10-5:30
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY MATH 590 VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

MATH GRAD ORIENT II MATH 592 .5 CREDIT
3689005 W 4:10-5:00
MEETS: JAN 8-MAY 4

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

ENUM COM&ORDRD SETS MATH 606 3 CREDITS
8888005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

EXTREMAL GRAPH THRY MATH 608 3 CREDITS
9095005 TR 12:40-2:00
MEETS: JAN 8-MAY 4

SEMINAR MATH 610 VAR. CREDITS
Note: OFFERED FOR 3 CREDITS SPRING 2018
5231005 A M 2:10-5:00
MEETS: JAN 8-MAY 4
5231010 B R 2:10-5:00
MEETS: JAN 8-MAY 4

ADV PROBABILTY THRY MATH 642 3 CREDITS
Prereq: STAT 542; MATH 607
5350005 TR 2:10-3:30
MEETS: JAN 8-MAY 4

ADV STOCHAST PROCES MATH 645 3 CREDITS
5215005 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

MATH MODEL PHYSC SY MATH 646 3 CREDITS
1822005 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

PARTIAL DIFF EQ II MATH 656 3 CREDITS
Prereq: MATH 455
5228005 MWF 11:00-12:00
MEETS: JAN 8-MAY 4
MECHANICAL ENGINEERING

PROBLM SOLV WTH CPR   M E   160   3 CREDITS
Prereq: M E 160 OR EQUIVALENT, MATH 142 OR MATH 143 OR
MATH 145; CREDIT OR ENROLLMENT IN MATH 145
Note: CREDIT ONLY ONE OF THE FOLLOWING COURSES
MAY BE APPLIED TOWARD GRADUATION: A B E 160, C E 160,
AER E 160, E M 160, CPR E 185, E E 185, E 185,
RESTRICTED TO M E MAJORS ONLY

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 TRA

MECH ENGR PRO PLAN   M E   202   R CREDIT
Prereq: SOPHOMORE CLASSIFICATION
Satisfactory-Pass Only.

ENG TOPCS DIFF EQUA   MATH 680E   3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.

ADV TOPCS MEETS: JAN 8-MAY 4
MATH 680E   3 CREDITS
MWF 12:10-1:00
MEETS: JAN 8-MAY 4

MECHANICS AND STRUCTURAL ENGINEERING

ENGR THERMODYNAMS I   M E   231   3 CREDITS
Prereq: MATH 166, CHEM 167, PHYS 221
Note: COURSE RESTRICTED TO M E MAJORS ONLY.

ENG TOPICS MEETS: JAN 8-MAY 4
MATH 680E   3 CREDITS
MWF 8:00-9:50
MEETS: JAN 8-MAY 4

MECHANICAL ENGINEERING (CONTINUED)

ENG TOPCS DIFF EQUA   MATH 680E   3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.

ADV TOPCS MEETS: JAN 8-MAY 4
MATH 680E   3 CREDITS
MWF 12:10-1:00
MEETS: JAN 8-MAY 4

MECHANICS AND STRUCTURAL ENGINEERING

ENGR THERMODYNAMS I   M E   231   3 CREDITS
Prereq: MATH 166, CHEM 167, PHYS 221
Note: COURSE RESTRICTED TO M E MAJORS ONLY.

ENG TOPCS DIFF EQUA   MATH 680E   3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.

ADV TOPCS MEETS: JAN 8-MAY 4
MATH 680E   3 CREDITS
MWF 12:10-1:00
MEETS: JAN 8-MAY 4

MECHANICAL ENGINEERING (CONTINUED)

ENG TOPCS DIFF EQUA   MATH 680E   3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.

ADV TOPCS MEETS: JAN 8-MAY 4
MATH 680E   3 CREDITS
MWF 12:10-1:00
MEETS: JAN 8-MAY 4

MECHANICS AND STRUCTURAL ENGINEERING

ENGR THERMODYNAMS I   M E   231   3 CREDITS
Prereq: MATH 166, CHEM 167, PHYS 221
Note: COURSE RESTRICTED TO M E MAJORS ONLY.

ENG TOPCS DIFF EQUA   MATH 680E   3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.

ADV TOPCS MEETS: JAN 8-MAY 4
MATH 680E   3 CREDITS
MWF 12:10-1:00
MEETS: JAN 8-MAY 4

MECHANICS AND STRUCTURAL ENGINEERING

ENGR THERMODYNAMS I   M E   231   3 CREDITS
Prereq: MATH 166, CHEM 167, PHYS 221
Note: COURSE RESTRICTED TO M E MAJORS ONLY.

ENG TOPCS DIFF EQUA   MATH 680E   3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.

ADV TOPCS MEETS: JAN 8-MAY 4
MATH 680E   3 CREDITS
MWF 12:10-1:00
MEETS: JAN 8-MAY 4

MECHANICS AND STRUCTURAL ENGINEERING

ENGR THERMODYNAMS I   M E   231   3 CREDITS
Prereq: MATH 166, CHEM 167, PHYS 221
Note: COURSE RESTRICTED TO M E MAJORS ONLY.

ENG TOPCS DIFF EQUA   MATH 680E   3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.

ADV TOPCS MEETS: JAN 8-MAY 4
MATH 680E   3 CREDITS
MWF 12:10-1:00
MEETS: JAN 8-MAY 4

MECHANICS AND STRUCTURAL ENGINEERING

ENGR THERMODYNAMS I   M E   231   3 CREDITS
Prereq: MATH 166, CHEM 167, PHYS 221
Note: COURSE RESTRICTED TO M E MAJORS ONLY.

ENG TOPCS DIFF EQUA   MATH 680E   3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
MECHANICAL ENGINEERING

FLUID FLOW
M E 335
4 CREDITS
Prereq: E M 345, MATH 266 or MATH 267,
CREDIT OR ENROLLMENT IN M E 332
Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
FIRST AND THEN NUMBERED SECTION. RESTRICTED TO
M E MAJORS ONLY.

5703005 A TR 12:40-2:00
MEETS: JAN 8-MAY 4
5703010 B TR 8:00-9:20
MEETS: JAN 8-MAY 4
5703015 C MW 9:00-10:50
MEETS: JAN 8-MAY 4
5703020 D R 8:00-9:50
MEETS: JAN 8-MAY 4
5703025 E W 8:00-9:50
MEETS: JAN 8-MAY 4
5703030 F 3 R 8:00-9:50
MEETS: JAN 8-MAY 4
5703035 G F 8:00-9:50
MEETS: JAN 8-MAY 4
5703040 H T 10:00-11:50
MEETS: JAN 8-MAY 4
5703045 I W 10:00-11:50
MEETS: JAN 8-MAY 4
5703050 J R 10:00-11:50
MEETS: JAN 8-MAY 4
5703055 K F 10:00-11:50
MEETS: JAN 8-MAY 4
5703060 L W 12:10-2:00
MEETS: JAN 8-MAY 4
5703065 M F 12:10-2:00
MEETS: JAN 8-MAY 4
5703070 N T 2:10-4:00
MEETS: JAN 8-MAY 4
5703075 O W 2:10-4:00
MEETS: JAN 8-MAY 4
5703080 P R 2:10-4:00
MEETS: JAN 8-MAY 4
5703085 Q F 2:10-4:00
MEETS: JAN 8-MAY 4
5703090 R W 4:10-6:00PM
MEETS: JAN 8-MAY 4
5703095 S T 4:10-6:00PM
MEETS: JAN 8-MAY 4
5703100 T R 4:10-6:00PM
MEETS: JAN 8-MAY 4

ENGINEERING DYNAMICS
M E 345
3 CREDITS
Prereq: E M 345, STAT 305
Note: RESTRICTED TO M E MAJORS ONLY.
2-PART COURSE. REGISTER FOR LETTERED SECTION
FIRST AND THEN NUMBERED SECTION.

4881005 A MW 8:00-8:50
MEETS: JAN 8-MAY 4
4881010 B MW 8:00-8:50
MEETS: JAN 8-MAY 4
4881015 C T 9:00-11:50
MEETS: JAN 8-MAY 4
4881020 D W 9:00-11:50
MEETS: JAN 8-MAY 4
4881025 E R 9:00-11:50
MEETS: JAN 8-MAY 4
4881030 F P 10:00-10:50
MEETS: JAN 8-MAY 4
4881035 G T 12:10-3:00
MEETS: JAN 8-MAY 4
4881040 H W 12:10-3:00
MEETS: JAN 8-MAY 4
4881045 I R 12:10-3:00
MEETS: JAN 8-MAY 4
4881050 J F 11:00-2:00
MEETS: JAN 8-MAY 4
4881055 K M 11:00-2:00
MEETS: JAN 8-MAY 4
4881060 L T 11:00-2:00
MEETS: JAN 8-MAY 4
4881065 M W 3:10-6:00PM
MEETS: JAN 8-MAY 4
4881070 N R 3:10-6:00PM
MEETS: JAN 8-MAY 4
4881075 O F 3:10-6:00PM
MEETS: JAN 8-MAY 4

MECHANICAL MEASUREMENTS
M E 370
3 CREDITS
Prereq: E E 442, STAT 305
Note: RESTRICTED TO M E MAJORS ONLY.

4888005 A TR 10:00-11:50
MEETS: JAN 8-MAY 4
4888010 B TR 11:00-1:00
MEETS: JAN 8-MAY 4
4888015 C TR 2:10-5:00
MEETS: JAN 8-MAY 4
4888020 D MFN 10:00-11:50
MEETS: JAN 8-MAY 4
4888025 E MFN 11:00-3:00
MEETS: JAN 8-MAY 4

MECHANISM DESIGN
M E 415
3 CREDITS
Prereq: M E 324, M E 325
6310005 A TR 8:00-9:20
MEETS: JAN 8-MAY 4
6310015 B TR 9:30-10:50
MEETS: JAN 8-MAY 4
6310020 C TR 11:00-1:00
MEETS: JAN 8-MAY 4
6310025 D TR 1:10-3:00
MEETS: JAN 8-MAY 4
6310030 E TR 2:10-4:00
MEETS: JAN 8-MAY 4
6310035 F TR 3:10-5:00
MEETS: JAN 8-MAY 4
6310040 G TR 4:10-6:00
MEETS: JAN 8-MAY 4
6310045 H TR 5:10-7:00
MEETS: JAN 8-MAY 4

MECHANICAL SYSTEMS
M E 416
3 CREDITS
Prereq: E M 345, M E 325
9859005 TR 9:30-10:50
MEETS: JAN 8-MAY 4
9859010 TR 11:00-12:20
MEETS: JAN 8-MAY 4
9859015 TR 12:30-1:50
MEETS: JAN 8-MAY 4
9859020 TR 1:30-2:50
MEETS: JAN 8-MAY 4
9859025 TR 2:30-3:50
MEETS: JAN 8-MAY 4
9859030 TR 3:30-4:50
MEETS: JAN 8-MAY 4

COOPERATIVE EDUC
M E 398
R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES

MECHANICAL ENGINEERING (CONTINUED)

SYST DYNAM & CONTROL
M E 421
4 CREDITS
Prereq: E M 345, MATH 267, E E 442, E E 446
Note: COURSE RESTRICTED TO M E MAJORS ONLY

6100005 A TR 8:00-9:20
MEETS: JAN 8-MAY 4
6100010 B TR 9:30-10:50
MEETS: JAN 8-MAY 4
6100020 C TR 10:00-11:50
MEETS: JAN 8-MAY 4
6100025 D TR 11:00-3:00
MEETS: JAN 8-MAY 4
6100030 E TR 12:30-2:00
MEETS: JAN 8-MAY 4

VEHICLE DYNAMICS & SUSPENSION SYSTEMS
M E 427X
3 CREDITS
Prereq: MATH 245, MATH 267, M E 332
9862005 MFN 2:00-3:30
MEETS: JAN 8-MAY 4

HEAT TRANSFER
M E 436
4 CREDITS
Prereq: M E 335
Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
FIRST AND THEN NUMBERED SECTION. RESTRICTED TO E E, M E, CON, E, A & E MAJORS.

VEHICLE DYNAMICS & SUSPENSION SYSTEMS
M E 427X
3 CREDITS
Prereq: MATH 245, MATH 267, M E 332
9862005 MFN 2:00-3:30
MEETS: JAN 8-MAY 4

HEAT TRANSFER
M E 436
4 CREDITS
Prereq: M E 335
Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
FIRST AND THEN NUMBERED SECTION. RESTRICTED TO E E, M E, CON, E, A & E MAJORS.

VEHICLE DYNAMICS & SUSPENSION SYSTEMS
M E 427X
3 CREDITS
Prereq: MATH 245, MATH 267, M E 332
9862005 MFN 2:00-3:30
MEETS: JAN 8-MAY 4

HEAT TRANSFER
M E 436
4 CREDITS
Prereq: M E 335
Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
FIRST AND THEN NUMBERED SECTION. RESTRICTED TO E E, M E, CON, E, A & E MAJORS.
### Mechanical Engineering

#### Heat Transfer
- **Course:** M E 436
- **Credits:** 4
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4
- **Prerequisites:** Graduate Classification

#### Heat & Air Conditioning Design
- **Course:** M E 442
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4
- **Prerequisites:** M E 332 or Equivalent

#### Fluid Dynamics and Turbomach
- **Course:** M E 448
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4
- **Prerequisites:** M E 335 or Equivalent

#### Engineering Acoustics
- **Course:** M E 451
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4
- **Prerequisites:** Phys 221 and Math 266 or Math 267

#### Multidisciplinary Engr Design
- **Course:** M E 466
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4
- **Prerequisites:** Course to be taken within 2 semesters of graduation, permission of instructor

#### Modeling & Simulation
- **Course:** M E 475
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4
- **Prerequisites:** E E 475 or AER E 432 or M E 411 or M E 414

#### Advanced Combustion
- **Course:** M E 542
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4
- **Prerequisites:** M E 324 or CH 272 and M E 324

#### Fluid Mechanics
- **Course:** M E 547
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4
- **Prerequisites:** M E 332 or CH 381

#### Machine Design
- **Course:** M E 517
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4
- **Prerequisites:** M E 419, M E 414, or Instructor Permission

### Electrical Engineering

#### Control Design
- **Course:** M E 411
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Digital Feedback Control
- **Course:** M E 576
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Introductory Electrical Engineering
- **Course:** M E 319
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Advanced Electrical Engineering
- **Course:** M E 510
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Advanced Heat Transfer
- **Course:** M E 536
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Advanced Mechanical Engineering
- **Course:** M E 511
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Advanced Machine Design
- **Course:** M E 517
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Advanced Combustion
- **Course:** M E 542
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Fluid Mechanics
- **Course:** M E 547
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Heat Transfer
- **Course:** M E 436
- **Credits:** 4
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Heat & Air Conditioning Design
- **Course:** M E 442
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Fluid Dynamics and Turbomach
- **Course:** M E 448
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Engineering Acoustics
- **Course:** M E 451
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Multidisciplinary Engr Design
- **Course:** M E 466
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Modeling & Simulation
- **Course:** M E 475
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Advanced Combustion
- **Course:** M E 542
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Machine Design
- **Course:** M E 517
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Control Design
- **Course:** M E 411
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Digital Feedback Control
- **Course:** M E 576
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Introductory Electrical Engineering
- **Course:** M E 319
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Advanced Electrical Engineering
- **Course:** M E 510
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Advanced Heat Transfer
- **Course:** M E 536
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Advanced Mechanical Engineering
- **Course:** M E 511
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Advanced Machine Design
- **Course:** M E 517
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Advanced Combustion
- **Course:** M E 542
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Fluid Mechanics
- **Course:** M E 547
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Heat Transfer
- **Course:** M E 436
- **Credits:** 4
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Heat & Air Conditioning Design
- **Course:** M E 442
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Fluid Dynamics and Turbomach
- **Course:** M E 448
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Engineering Acoustics
- **Course:** M E 451
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Multidisciplinary Engr Design
- **Course:** M E 466
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Modeling & Simulation
- **Course:** M E 475
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Advanced Combustion
- **Course:** M E 542
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4

#### Machine Design
- **Course:** M E 517
- **Credits:** 3
- **Course Delivery:** WWW
- **Meetings:** Jan 8 - May 4
MECHANICAL ENGINEERING (CONTINUED)

NONLINEAR SYSTEMS M E 578 3 CREDITS
Prereq: E E 577
8200005 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

SP TOP LIT INVESTG M E 590Q 1-8 CREDITS
********** SEE DEPT FOR REFERENCE NUMBERS

SPL TP BIOM&NANO SCI M E 590T 1-8 CREDITS
********** SEE DEPT FOR REFERENCE NUMBERS

SPL TP CMPLX FLUID 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 TOP DS&MG INVNO M E 590W 1-8 CREDITS
********** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SIMUL&VISUAL M E 590X 1-8 CREDITS
********** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CL ENRG TC M E 690Y 1-8 CREDITS
********** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP DS&MFG INNOV M E 690Z 1-8 CREDITS
********** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SIMUL&VISUAL M E 690Z 1-8 CREDITS
********** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING INTERNSHIP M E 697 R CREDIT
Prereq: PERMISSION OF DIRECTOR OF GRADUATE EDUCATION, GRAD CLASSIFICATION
Satisfactory-Fail Only.
8151005 ARRANGED
MEETS: JAN 8-MAY 4

MECHANICAL ENGINEERING (CONTINUED)

RESEARCH M E 699 VAR. CREDITS
Satisfactory-Fail Only.
********** SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY

EARTH, WIND & ORIENT MTEOR 113 1 CREDIT
9504005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

WORLD WATER RESOURCES MTEOR 160 3 CREDITS
Note: Meets international perspectives reqmt
3242005 MF 10:00-10:50
MEETS: JAN 8-MAY 4

INTRO WEATHER & CLIMATE MTEOR 206 3 CREDITS
5375005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATION MTEOR 290 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
4813005 ARRANGED
MEETS: JAN 8-MAY 4

GEN METEOROLOGY I MTEOR 301 4 CREDITS
Prereq: MATH 166, CREDIT OR ENROLLMT IN PHYS 222
5376005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

METEOROLOGICAL INTERNSHIP MTEOR 321 1-2 CREDITS
Prereq: MTEOR 311; JR OR SR STANDING; PERMISSION OF COOP PROGRAM COORD; ACCEPTANCE BY SPONSORING AGENCY
Satisfactory-Fail Only.
5381005 ARRANGED
MEETS: JAN 8-MAY 4

ENERGY & THE ENVIRON MTEOR 324 3 CREDITS
Note: MTEOR/GEOL/ENV 324 DOES NOT APPLY TOWARD CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
5614005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

5614600 W XW ARRANGED
MEETS: JAN 8-MAY 4

Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
5614600 W XW ARRANGED
MEETS: JAN 8-MAY 4

Note: Section XW is off campus
Course delivery is WWW

ATMOSPHERIC PHYSICS II MTEOR 342 3 CREDITS
Prereq: MTEOR 341
5383005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATION MTEOR 398 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
4823005 ARRANGED
MEETS: JAN 8-MAY 4

GLOBAL CHANGE MTEOR 404 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; SOPHOMORE CLASSIFICATION
8141005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

Note: ON-CAMPUS SEC RESTRICTED TO AGRON, GEOL, MTEOR, ENSECA, ENSECS & GE AT MAJORS ONLY
Syllabus: http://www.meteor.iastate.edu/classes/mt404

WORLD CLIMATES MTEOR 406 3 CREDITS
Prereq: MTEOR 206/MTEOR 206
5384005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

COOPERATIVE EDUCATION MTEOR 398 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
4823005 ARRANGED
MEETS: JAN 8-MAY 4

Note: Department permission required.

WORLD WATER RESOURCES MTEOR 407 3 CREDITS
Prereq: MTEOR 206/MTEOR 206
5384005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

Note: Meets international perspectives reqmt
5384005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

MEOSSCAL METEOROLOGY MTEOR 407 3 CREDITS
Prereq: MATH 166, CMEG 443
1066005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4

MEOSSCAL FORECAST LAB MTEOR 417 3 CREDITS
Prereq: CREDIT OR ENROLLMT IN MTEOR 411
5389005 TR 2:30-4:30
MEETS: JAN 8-MAY 4

DYNAMIC METEOROLOGY I MTEOR 443 3 CREDITS
Prereq: MTEOR 341
5385005 MWF 10:00-10:50
MEETS: JAN 8-MAY 4
SPRING 2018

Meteorology (continued)

Surv Remote Sns Tec Meteoro 489 3 credits
Prereq: Four Courses in Physical or Biological Sciences or Engineering
9748005 TR 9:30-10:50
Meets: Jan 8-May 4

Satell Rmt Sns Lab Meteoro 489l 1 credit
Prereq: Credit in Enroll in Meteoro 489 or Meteoro 589 or Geol 489 or Geol 589 or Nrem 489 or Nrem 589 or Ee 489 or Ee 589
5208005 TR 11:00-1:50
Meets: Jan 8-May 4

Ind Study Synoptic Meteoro 490A 1-3 credits
Prereq: Six Credits in Meteoro, Instructor Permission
Note: No more than 9 credits in Meteoro 490 may be applied toward graduation
8424005 Arranged
Meets: Jan 8-May 4

Ind Study Dynamic Meteoro 490B 1-3 credits
Prereq: Six Credits in Meteoro, Instructor Permission
Note: No more than 9 credits in Meteoro 490 may be applied toward graduation
8425005 1 Arranged
Meets: Jan 8-May 4
8425010 2 Arranged
Meets: Jan 8-May 4

Ind Study Physical Meteoro 490C 1-3 credits
Prereq: Six Credits in Meteoro, Instructor Permission
Note: No more than 9 credits in Meteoro 490 may be applied toward graduation
8426005 1 Arranged
Meets: Jan 8-May 4
8426010 2 Arranged
Meets: Jan 8-May 4

Ind Study Hydrology Meteoro 490E 1-3 credits
Prereq: Six Credits in Meteoro, Instructor Permission
Note: No more than 9 credits in Meteoro 490 may be applied toward graduation
8668005 Arranged
Meets: Jan 8-May 4

Cooperative Educate Meteoro 498R/Credit
Education Coordinator, Senior Classification
4824005 Arranged
Meets: Jan 8-May 4

Note: Department permission required.

Global Change Meteoro 504 3 credits
Prereq: Four Courses in Physical or Biological Sciences or Engineering, Junior, Senior or Graduate Standing
8142005 TR 11:00-1:50
Meets: Jan 8-May 4

Mesoscale Meteorology Meteoro 507 3 credits
Prereq: Math 166 and Meteoro 443
2521005 TR 9:30-10:50
Meets: Jan 8-May 4

Microwave Remote Sns Meteoro 518 3 credits
Prereq: Math 265 or Equivalent
5860005 TR 11:00-1:50
Meets: Jan 8-May 4

Surv Remote Sns Tec Meteoro 589 3 credits
Prereq: Four Courses in Physical or Biological Sciences or Engineering
9750005 TR 9:30-10:50
Meets: Jan 8-May 4

Graduate Seminar Meteoro 595A 1 credit
Prereq: Senior or Graduate Classification
3596005 F 4:10-6:00PM
Zhou Y
Meets: Jan 8-May 4

Graduate Seminar Meteoro 595B 1 credit
Prereq: Senior or Graduate Classification
3599005 F 4:10-6:00PM
Zhou Y
Meets: Jan 8-May 4

Research Meteoro 699 Variable Credits
******** See Dept for Reference Numbers

Microbiology

Intro Microbiology Micro 201 2 credits
Prereq: One Semester of College-Level Biology
5305005 TR 11:00-1:50
Meets: Jan 8-May 4

Intro Microbiol Lab Micro 201L 1 credit
Prereq: Credit or Enrollment in Micro 201 or Micro 302L
Note: Credit for Either Micro 201L or Micro 302L, But Not Both, May Be Applied Toward Graduation
1433005 1 M 8:00-9:20
Meets: Jan 8-May 4
1433010 2 M 9:30-10:50
Meets: Jan 8-May 4
1433015 3 M 11:00-12:20
Meets: Jan 8-May 4
1433020 4 TR 9:30-10:50
Meets: Jan 8-May 4
1433025 5 TR 11:00-12:20
Meets: Jan 8-May 4
1433030 6 TR 9:30-10:50
Meets: Jan 8-May 4
1433035 7 TR 11:00-12:20
Meets: Jan 8-May 4
1433040 8 TR 8:00-9:20
Meets: Jan 8-May 4
**MEETS: JAN 8-MAY 4**

**MICRO/V MPM 575**

APPLIED TOWARD GRADUATION: MICRO 475, V MPM 520, MICRO 302

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE

Prereq: MICRO 310

**IMMUNOLOGY**

MICRO 575       3 CREDITS

Prereq: BIOG 211, CREDIT OR ENROLLMT IN BIOG 212;
ONE SEMESTER OF CHEMISTRY

1426005  A MWF 10:00-10:50

MEETS: JAN 8-MAY 4

Note: Course delivery is WWW

**MICROBIOLOGY**

MICRO 302L       1 CREDIT

Prereq: MICRO 302L OR MICRO 201L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

3024005  1 MWF 11:00-12:30

MEETS: JAN 8-MAY 4

3024010  2 MWF 11:00-12:30

MEETS: JAN 8-MAY 4

3024015  3 MWF 1:20-4:00

MEETS: JAN 8-MAY 4

3024020  4 TR 1:10-2:30

MEETS: JAN 8-MAY 4

3024025  5 TR 2:40-4:00

MEETS: JAN 8-MAY 4

**MOLEC&CELL BACTERIO**

MICRO 320       4 CREDITS

Prereq: MICRO 302, BIOG 313, CREDIT OR ENROLLMT IN CHEM 312

3781005  1 MWF 10:00-11:50

MEETS: JAN 8-MAY 4

**GENOME PRSPCTV BIOL**

MICRO 349       3 CREDITS

9399005  T 3:40-5:30; R 3:40-5:30

MEETS: JAN 8-MAY 4

**INTRO PARASITOLOGY**

MICRO 353       3 CREDITS

7682005  TR 9:30-10:50

JONES D

MEETS: JAN 8-MAY 4

**INSECTS &OUR HEALTH**

MICRO 374       3 CREDITS

Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES

Note: Meets international perspectives reqmt

2784005  A TR 10:00-12:15

MEETS: JAN 8-MAY 4

**SAFETY FOOD FROM ANI**

MICRO 407       3 CREDITS

Prereq: MICRO 420

1881005  TR 8:00-9:20

MEETS: JAN 8-MAY 4

**FOODBORNE HAZARDS**

MICRO 419       3 CREDITS

Prereq: MICRO 201 OR MICRO 302, A COURSE IN BIOCHEMISTRY

Note: CREDIT FOR EITHER FS BN\TEXT\MICRO 419 OR FS BN\TEXT\BN100W 519, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

1462005  1 MWF 11:00-11:50

MEETS: JAN 8-MAY 4

**FOOD MICROBIOL LAB**

MICRO 421       3 CREDITS

Prereq: MICRO 201 OR MICRO 302, MICRO 201L OR MICRO 302L

MOBILE/ENROLLMT IN FS BN\MICRO 420

9676005  1 TR 9:30-11:30

COLEMAN S

4:00-4:00

MEETS: JAN 8-MAY 4

**LAB MCR PHYSL,DVRS**

MICRO 440       4 CREDITS

Prereq: MICRO 302, MICRO 302L, CHEM 332, BIOG 331L

6135005  1 TR 2:10-3:00

MEETS: JAN 8-MAY 4

5319010  2 T 3:10-5:00

MEETS: JAN 8-MAY 4

**UG CAPSTONE COLLOQM**

MICRO 450       2 CREDITS

Prereq: SP CM 212 AND SP STANDING IN MICROBIOLOGY

5319005  1 T 10:00-11:50

MEETS: JAN 8-MAY 4

**IMMUNOLOGY**

MICRO 475       3 CREDITS

Prereq: MICRO 310

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE

APPLIED TOWARD GRADUATION: MICRO 475, V MPM 520, MICRO/V MPM 575

9677005  MWF 10:00-8:50

MEETS: JAN 8-MAY 4

**IMMUNOLOGY LAB**

MICRO 475L       1 CREDIT

Prereq: CREDIT OR ENROLLMT IN MICRO 310 OR

MICRO 475 OR MICRO 575

6720009  1 TR 1:10-5:00

MEETS: JAN 8-MARCH 2

**BACT-PLANT INTERACT**

MICRO 477       3 CREDITS

Prereq: 1 CREDITS IN MICROBIO OR PLANT PATHOLOGY

5646005  MWF 12:10-1:00

MEETS: JAN 8-MAY 4

**HONORS INDEP STUDY**

MICRO 490H       1- 5 CREDITS

Prereq: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE

COURSEWORK IN MICRO, INSTR PERMISSION, MEMBERSHIP IN\nUNIV HONORS PROGRAM

Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE

USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR

GRADUATION. COURSE RESTRICTED TO UNIVERSITY TO

HONORS STUDENTS ONLY.

Instructor permission required 1st week.

*******

SEE DEPT FOR REFERENCE NUMBERS

**INTERNSHIP**

MICRO 495       1- 2 CREDITS

Prereq: AT LEAST 6 CREDITS OF 300-LEVEL OR ABOVE

COURSEWORK IN MICRO, APPROVAL OF ACADEMIC ADVISOR

Satisfactory-Fail Only.

9679005  1 ARRANGED

MEETS: JAN 8-MAY 4

**SAFETY FOOD FROM ANIMALS**

MICRO 507       3 CREDITS

Prereq: MICRO 420

2129005  1 TR 8:00-9:20

MEETS: JAN 8-MAY 4

3024005  1 MWF 11:00-12:15

JURENKA R

MEETS: JAN 8-MAY 4

**Virology**

MICRO 554       1 CREDIT

Prereq: UNDERGRADUATE COURSES IN GENERAL MICRO

AND GENETICS

7118005  MWF 10:00-11:50

MEETS: JAN 8-MAY 4

**Fungal Biology**

MICRO 555       1 CREDIT

Prereq: MICRO 302, BIOG 313

7138005  MWF 10:00-11:50

MEETS: JAN 8-MAY 4

**Microorganisms Ecology**

MICRO 556       1 CREDIT

Prereq: MICRO 303, BIOG 313

7159005  MF 10:00-11:50

MEETS: JAN 8-MAY 4

**Microbiology**

MICRO 575       3 CREDITS

Prereq: MICRO 310

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE

APPLIED TOWARD GRADUATION: MICRO 475, V MPM 520,

MICRO/V MPM 575

5335005  MWF 8:00-8:50

MEETS: JAN 8-MAY 4

**Special Topics**

MICRO 590       1- 5 CREDITS

Prereq: PERMISSION OF INSTRUCTOR

Note: Instructor permission required 1st week.

*******

SEE DEPT FOR REFERENCE NUMBERS

**Seminar**

MICRO 604       1 CREDIT

Satisfactory-Fail Only.

6962005  A T 4:10-5:00

MEETS: JAN 8-MAY 4

**Grad Research Rotat Micro**

MICRO 7697       1 CREDIT

Prereq: UNDERGRADUATE COURSES IN GENERAL MICRO

Satisfactory-Fail Only.

5962005  A T 4:10-5:00

MEETS: JAN 8-MAY 4

**Curr Topic Microbio**

MICRO 690A       1- 3 CREDITS

Prereq: PERMISSION OF INSTRUCTOR

Note: Instructor permission required 1st week.

*******

SEE DEPT FOR REFERENCE NUMBERS

**Grad Research**

MICRO 7698       1 CREDIT

Prereq: UNDERGRADUATE COURSES IN GENERAL MICRO

Satisfactory-Fail Only.

5962005  A T 4:10-5:00

MEETS: JAN 8-MAY 4

**Military Science**

STRUCFUNC U.S.ARMY M S 102       1 CREDIT

Prereq: CONCURRENT ENROLLMENT IN M S 102L REQUIRED

4995005  1 T 12:40-1:30

MEETS: JAN 8-MAY 4

4995010  2 W 10:00-11:50

MEETS: JAN 8-MAY 4

Note: Instructor permission required 1st week.

*******

SEE DEPT FOR REFERENCE NUMBERS
MILITARY SCIENCE (CONTINUED)

BASIC LDERSHP LAB II M S 102L 1 CREDIT
Preq: CONCURRENT ENROLLMENT IN M S 102 REQUIRED
MEETS: JAN 8-MAY 4
2983005 1 W 4:10-6:00PM REILLY S
Note: CONCURRENT ENROLLMENT IN M S 102 REQUIRED

ARMY PHY READINESS M S 150 1 CREDIT
Preq: 1 MF 6:00-7:15 BOWMAN J
MEETS: JAN 8-MAY 4
8414005

MAP READ&LAND Navig M S 202 2 CREDITS
Preq: CONCURRENT ENROLLMENT IN M S 202 REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 202 REQUIRED
4999005 1 MW 9:00-9:50 BOWMAN J
MEETS: JAN 8-MAY 4
4999010 2 MW 11:00-11:50 BOWMAN J
MEETS: JAN 8-MAY 4

BAS LEADERSHIP LAB IV M S 202L 1 CREDIT
Preq: CONCURRENT ENROLLMENT IN M S 202 REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 202 REQUIRED
3198005 1 W 4:10-6:00PM BOWMAN J
MEETS: JAN 8-MAY 4

ADV PHY READINNS II M S 251 2 CREDITS
Preq: SUCCESSFUL COMPLETION OF M S 150 AND M S 250
9029005 1 MTR 6:00-7:15 CULBERTSON J
Note: Department permission required.

IND STY:BASIC MIL M S 290 1-3 CREDITS
Preq: PERMISSION OF THE M S DEPT CHAIR
8153005 1 ARRANGED GUERTTMAN M
Note: Instructor permission required.

APPLIED LEADERSHIP M S 302 3 CREDITS
Preq: COMPLETION OF THE BASIC MILITARY SCIENCE PROGRAM, CONCURRENT ENROLLMENT IN M S 302L AND PERMISSION OF THE CHAIR OF THE MILITARY SCIENCE DEPT
5002005 1 TR 9:30-10:50 CULBERTSON J
MEETS: JAN 8-MAY 4
Note: Department permission required.
5002010 2 TR 12:40-1:40 CULBERTSON J
MEETS: JAN 8-MAY 4
Note: Department permission required.

ADV LEADERSHIP LAB II M S 302L 1 CREDIT
Preq: COMPLETION OF THE BASIC PROGRAM, CONCURRENT ENROLLMENT IN M S 302 AND PERMISSION OF THE CHAIR OF MILITARY SCIENCE
5005005 1 W 4:10-6:00PM CULBERTSON J
MEETS: JAN 8-MAY 4
Note: Department permission required.

SEMINR: PRO OFFICER M S 402 3 CREDITS
Preq: COMPLETION OF THE BASIC PROGRAM, CONCURRENT ENROLLMENT IN M S 402L AND PERMISSION OF THE MILITARY SCIENCE DEPARTMENT CHAIR
5009005 1 W 12:40-2:40 DIAL E
MEETS: JAN 8-MAY 4
Note: Department permission required.
5009010 2 ARRANGED DIAL E
MEETS: JAN 8-MAY 4
Note: Department permission required.

ADV LEADERSHIP LAB IV M S 402L 1 CREDIT
Preq: 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 DIAL E
MEETS: JAN 8-MAY 4
Note: Department permission required.

IND STY:ADV MIL ST M S 490 1 CREDIT
Preq: M S 301, M S 302, M S 401, M S 402, PERMISSION OF THE MILITARY SCIENCE DEPARTMENT CHAIR
9598005 1 ARRANGED DIAL E
MEETS: JAN 8-MAY 4
Note: Department permission required.

MOLECULAR CELLULAR DEV BIOLOGY

ADV MOLECULR GENETC MCD 511 3 CREDITS
Preq: BIOL 313 AND BBMB 405
5303005 MF 9:00-9:50 MEETS: JAN 8-MAY 4

GRAD RESEARCH ROTATN MCD 697 1-6 CREDITS
Satisfactory-Fail Only.
7278005 ARRANGED MEETS: JAN 8-MAY 4

MOLECULAR CELLULAR DEV BIOLOGY (CONTINUED)

SEMIN UR:MCDB 698 1-2 CREDITS
Preq: COURSE OFFERED FOR 1 CREDIT SPRING 2018
5275005 M 3:30-5:00PM MEETS: JAN 8-MAY 4

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

MUSIC

FUNDAMNTLS OF MUSIC MUSIC 101 2 CREDITS
Preq: 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 106
7180005 A MF 9:00-9:50 MEETS: JAN 8-MAY 4
7180010 B MF 10:00-11:00 MEETS: JAN 8-MAY 4

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS
Note: Meets international perspectives reqmt
5406005 A MF 9:00-9:50 MEETS: JAN 8-MAY 4
5406010 B MF 10:00-11:00 MEETS: JAN 8-MAY 4

BASIC MUSICIANSHIP MUSIC 105 3 CREDITS
Preq: 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 106
2975005 TR 2:10-3:00 W 12:10-1:00 MEETS: JAN 8-MAY 4

WIND ENSEMBLE MUSIC 111 1 CREDIT
Preq: OPEN TO ALL STUDENTS BY AUDITION
5408005 MWF 1:00-2:00 MEETS: JAN 8-MAY 4

CONCERT BAND MUSIC 112 1 CREDIT
Preq: OPEN TO ALL STUDENTS WHO PERFORMED ON A WIND OR PERCUSSION IN HS AS BAND OR ORCHESTRA
5409005 A TR 4:10-5:30 MEETS: JAN 8-MAY 4
5409010 B R 7:10-9:00PM MEETS: JAN 8-MAY 4

JAZZ ENSEMBLE MUSIC 113 1 CREDIT
Preq: OPEN TO ALL STUDENTS BY AUDITION
Note: STUDENT MUST ENROLL IN ASSIGNED SECTION
5410005 A TR 2:10-3:40 MEETS: JAN 8-MAY 4
5410010 B MF 11:00-12:20 MEETS: JAN 8-MAY 4

Pep Band MUSIC 114B 1 CREDIT
Preq: PREREQ: STUDENTS SELECTED BY AUDITION FROM MEMBERS OF MUSIC 114A.
4603005 T 6:10-7:40PM MEETS: JAN 8-MAY 4

SYMPHONIC BAND MUSIC 115 1 CREDIT
Preq: OPEN TO ALL STUDENTS BY AUDITION
9610005 MWF 11:00-11:50 MEETS: JAN 8-MAY 4

APPLIED MUSIC VOICE MUSIC 118A 1-2 CREDITS
Preq: 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
 confess Music fee $150.00-$190.00
****** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1-2 CREDITS
Preq: AUDITION, PERMISSION OF INSTRUCTOR
Note: CREDIT IN MUSIC 118B WILL NOT SATISFY APPLIED MUSIC REQUIREMENTS FOR MUSIC MAJORS
APPLIED MUSIC FEE $150.00-$190.00
****** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 118C 1-2 CREDITS
Preq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
****** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC STRINGS MUSIC 118D 1-2 CREDITS
Preq: Audition, permission of instructor
Note: Applied Music fee $150.00-$190.00
****** SEE DEPT FOR REFERENCE NUMBERS
INTRO TO MUSIC EDUC    MUSIC 266    2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN MUSIC 480K
5459005  A MW 3:10-4:00
5459010  B MW 8:00-8:50
MEETS: JAN 8-MAY 4
5807005  ARRANGED
MEETS: JAN 8-MAY 4

SPCL PROB EDUCATION    MUSIC 290A    VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: ADDITIONAL EXPENSES MAY BE APPLIED
********
SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY    MUSIC 290B    VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
********
SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION    MUSIC 290C    VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
********
SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE    MUSIC 290E    VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
********
SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC    MUSIC 290F    VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: ADDITIONAL EXPENSES MAY APPLY FOR LESSONS
SEE SPECIFIC SECTION FOR DETAILS
********
SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS    MUSIC 290H    VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
Instructor permission required 1st week.
********
SEE DEPT FOR REFERENCE NUMBERS

OPERA/OPTITTA STUDIO    MUSIC 301A    1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8656005  TR 2:10-3:30
MEETS: JAN 8-MAY 4

OPERA STD MO THTRE    MUSIC 301B    1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8670005  ARRANGED
MEETS: MARCH 5-MAY 4

WESTR CULT MASTERRC    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  TR 3:10-4:00
MEETS: JAN 8-MAY 4

APPLIED MUSIC VOICE    MUSIC 318A    1-2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
********
SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO    MUSIC 318B    1-2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
********
SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN    MUSIC 318C    1-2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
********
SEE DEPT FOR REFERENCE NUMBERS

APPLIED 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

APPLIED 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

APPLIED 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

APPLIED 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 PERMISSION, 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 PERMISSION, 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 PERMISSION, MUSIC MAJOR
Note: Applied Music fee $150.00-$190.00
********
SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC Percuss    MUSIC 319I    1-3 CREDITS
Prereq: AUDITION, INSTRUCTOR PERMISSION, MUSIC MAJOR
Note: Applied Music fee $150.00-$190.00
********
SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE    MUSIC 321A    1 CREDIT
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
********
SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO    MUSIC 321B    1 CREDIT
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
********
SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE ORGAN    MUSIC 321C    1 CREDIT
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
Note: ONLY 1 CREDIT PER SECTION OF MUSIC 321 IS ALLOWED
********
SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE 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 ENSEMBLE BRASS    MUSIC 321E    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 Percuss    MUSIC 321I    1 CREDIT
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
********
SEE DEPT FOR REFERENCE NUMBERS
MUSIC 344 3 CREDITS
Prereq: MUSIC 334. Concurrent enrollment in MUSIC 345 recommended.
2571005  A MWF 2:10-3:00
    MEETS: JAN 8-MAY 4
2571010  B MWF 9:00-9:50
    MEETS: JAN 8-MAY 4

AURAL THEORY IV  MUSIC 345 1 CREDIT
Prereq: MUSIC 335; Credit or enrollment in MUSIC 344
2602005  A TR 9:00-9:50
    MEETS: JAN 8-MAY 4
2602010  B TR 8:00-8:50
    MEETS: JAN 8-MAY 4

CPTR MUS PRGRM DSN  MUSIC 346 3 CREDITS
Prereq: MUSIC 246 or permission of instructor
8436005  M 3:10-4:00
    W 3:10-5:00
    MEETS: JAN 8-MAY 4

WDWND:FLT,SAX,CLAR  MUSIC 351 2 CREDITS
Prereq: Concurrent enrollment in MUSIC 358B is required of instrumental music education majors
5500005  MW 11:00-12:00
    MEETS: JAN 8-MAY 4

BRSS:TRBM,BARI,TUBA  MUSIC 354 1 CREDIT
Prereq: MUSIC 353 or permission of instructor. Concurrent enrollment in MUSIC 358B is required of instrumental music education majors
5503005  TR 11:00-11:50
    MEETS: JAN 8-MAY 4

PERCUSSION TECH  MUSIC 355 1 CREDIT
Prereq: Concurrent enrollment in MUSIC 358B is required of instrumental music education majors
5504005  TR 11:00-11:50
    MEETS: JAN 8-MAY 4

LAB ENSEMBLE CHORAL  MUSIC 358A R CREDIT
7331005  W 4:10-5:45
    MEETS: JAN 8-MAY 4

LAB ENSEMBLE INSTRUM  MUSIC 358B R CREDIT
Note: Additional expenses may apply
7330005  T 12:10-1:00
    MEETS: JAN 8-MAY 4

VOCAL PEDAGOGY  MUSIC 360 2 CREDITS
Prereq: MUSIC 219A or vocal proficiency exam
5506005  MW 11:00-2:00
    MEETS: JAN 8-MAY 4

CONDUCTG II:INSTRUM  MUSIC 362B 2 CREDITS
Prereq: Music major status or permission of instructor. MUSIC 361; concurrent enrollment in MUSIC 358B
1240005  MW 9:00-9:50
    MEETS: JAN 8-MAY 4

CHORAL LITERATURE  MUSIC 367 2 CREDITS
Prereq: MUSIC 361 recommended
4597005  TR 4:10-5:00
    MEETS: JAN 8-MAY 4

CHORAL MTHDS INSTRM  MUSIC 375 1 CREDIT
Prereq: Classification as a music major; MUSIC 280J; MUSIC 266; admission into teacher education
4375005  T 8:00-8:50
    MEETS: JAN 8-MAY 4

HISTORY OF MUSIC II  MUSIC 384 3 CREDITS
Prereq: MUSIC 383; Music major status or permission of instructor
Note: Meets international perspectives reqmt
5512005  MW 10:00-10:50
    MEETS: JAN 8-MAY 4

LIT &PEDAGOGY VOICE  MUSIC 415A 1-4 CREDITS
Prereq: Permission of instructor
      *** SEE DEPT FOR REFERENCE NUMBERS

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 & PEDAG JAZZ PERF  MUSIC 415J 1-4 CREDITS
Prereq: Permission of instructor
      *** SEE DEPT FOR REFERENCE NUMBERS

STUDNT TCH ELEM MUS  MUSIC 417R VAR. CREDITS
Note: Course offered for 8 credits spring 2018
6741005  1A ARRANGED
    MEETS: JAN 8-MARCH 2
    Note: Professional support, field trips /or travel fee $155.00
6741010  1R ARRANGED
    MEETS: JAN 8-MARCH 2
    Note: Professional support, field trips /or travel fee $155.00
6741015  2A ARRANGED
    MEETS: MARCH 5-MAY 4
    Note: Professional support, field trips /or travel fee $155.00
6741020  2R ARRANGED
    MEETS: MARCH 5-MAY 4
    Note: Professional support, field trips /or travel fee $155.00

STUDNT TCHG SEC MUS  MUSIC 417S VAR. CREDITS
Note: Course offered for 8 credits spring 2018
6690005  1A ARRANGED
    MEETS: JAN 8-MARCH 2
    Note: SEC 1A for students teaching inside central iowa the first 8 weeks of the semester.
    Professional support, field trips /or travel fee $155.00
6690010  1R ARRANGED
    MEETS: JAN 8-MARCH 2
    Note: SEC 1R for students teaching outside central iowa the first 8 weeks of the semester.
    Professional support, field trips /or travel fee $155.00
6690015  2A ARRANGED
    MEETS: MARCH 5-MAY 4
    Note: SEC 2A for students teaching inside central iowa the last 8 weeks of the semester.
    Professional support, field trips /or travel fee $155.00
6690020  2R ARRANGED
    MEETS: MARCH 5-MAY 4
    Note: SEC 2R for students teaching outside central iowa the last 8 weeks of the semester.
    Professional support, field trips /or travel fee $155.00

APPLIED MUSIC VOICE  MUSIC 419A 1-3 CREDITS
Prereq: Audition, instr perm, 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 perm, 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 perm, music majors only
Note: Applied music fee $150.00-$190.00
      *** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC STRINGS  MUSIC 419D 1-3 CREDITS
Prereq: Audition, instr perm, music majors only
Note: Applied music fee $150.00-$190.00
      *** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS  MUSIC 419E 1-3 CREDITS
Prereq: Audition, instr perm, music majors only
Note: Applied music fee $150.00-$190.00
      *** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON  MUSIC 419F 1-3 CREDITS
Prereq: Audition, instr perm, music majors only
Note: Applied music fee $150.00-$190.00
      *** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PEDAGOGY  MUSIC 419G 1-3 CREDITS
Prereq: Audition, instr perm, music majors only
Note: Applied music fee $150.00-$190.00
      *** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PERCUSSION  MUSIC 419H 1-3 CREDITS
Prereq: Audition, instr perm, music majors only
Note: Applied music fee $150.00-$190.00
      *** SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC WOODWIND MUSIC 419F 1-3 CREDITS
Prereq: AUDITION, INSTR PERM, 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 PERM, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PERCUSS MUSIC 419I 1-3 CREDITS
Prereq: AUDITION, INSTR PERM, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******** SEE DEPT FOR REFERENCE NUMBERS

JR/SENIOR RECITAL MUSIC 420 R CREDIT
Prereq: ADVANCED PERFORMING ABILITY, PERMISSION OF INSTRUCTOR, CONCURRENT REGISTRATION IN MUSIC 319
or MUSIC 419
Satisfactory-Fail Only.
5584005 ARRANGED
MEETS: JAN 8-MAY 4
Note: COURSES FOR JUNIOR OR SENIOR RECITALS ONLY

EXPERIENCE III: MUSIC MUSIC 480K 1 CREDIT
Note: COURSE OFFERED FOR 1 CREDIT SPRING 2018
Satisfactory-Fail Only.
7691005 ARRANGED
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY MUSIC ED MUSIC 490A 1-3 CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THEORY MUSIC 490B 1-3 CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HISTORY MUSIC 490C 1-3 CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY LITERATURE MUSIC 490E 1-3 CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY APPLIED MUSIC MUSIC 490F 1-3 CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY CONDUCTG MUSIC 490G 1-3 CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS MUSIC 490H 1-3 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

INDEPENDENT STUDY ELECTRONIC MUSIC 490I 1-3 CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THEORY MUSIC 590A 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS COMPOSIT MUSIC 590C 1-3 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 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS APPLIED MUSIC 590F 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL Top ELECTRONIC MUSIC 590I 1-3 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 100 COMM SEMINAR NREM 111 1 CREDIT
Prereq: MEMBER OF THE NREM TRANSITIONS LEARNING COMMUNITY
Satisfactory-Fail Only.
8032005 1 F 12:10-1:00 BURNETT J
MEETS: JAN 8-MAY 4
8032010 2 R 12:10-1:00 BURNETT J
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY NREM 120 3 CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN NREM, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
1297005 MN 12:10-1:00 RENTZ M
MEETS: JAN 8-MAY 4

NATURAL RESOURCE CAREERS NREM 211 1 CREDIT
Prereq: SOPHOMORE CLASSIFICATION
Satisfactory-Fail Only.
4467005 R 2:10-3:00 BURNETT J

QUANTUM PROBLEM SOLV NREM 240X 3 CREDITS
Prereq: STAT 101 OR STAT 104, OR PERMISSION OF THE INSTRUCTOR
9918005 MW 12:10-1:00 MOORE P
MEETS: JAN 8-MAY 4
8032005 R 3:40-4:55 STOKKE D
1055005 R 12:10-1:00 ISENHART T

INTERNSHIP NREM 303 1-3 CREDITS
Prereq: PERMISSION OF DEPARTMENT MENTOR, SOPHOMORE STANDING
******** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR NREM 305 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: TOPIC: FISH PHYSIOLOGY; INCLUDES FIELD TRIPS TO AREA BODIES OF WATER TO COLLECT SAMPLES OFFERED FOR 3 CREDITS SPRING 2018
1058005 1 T 3:10-6:00 PM WEBER M
MEETS: JAN 8-MAY 4
Note: Materials, field trips $30.00-$100.00 travel fee $25.00-$50.00
1058010 1 12:10-2:00 MCMULLEN C
MEETS: MARCH 5-MAY 4
Note: SEC 2 OFFERED FOR 1 CREDIT TOPIC: WILD EDIBLES Materials, field trips $0-$100.00 travel fee

PRINCIPAL 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
1070010 1 T 2:10-3:00 RENTZ M
R 2:10-3:00 RENTZ M
R 3:10-5:00 RENTZ M
MEETS: JAN 8-MAY 4
Note: Instructor permission required.
**NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)**

**NAT RES PHOTOMAGIS**
NREM 345 3 CREDITS
- **Prereq:** JUNIOR CLASSIFICATION
- **MEETS:** JAN 8–MAY 4
- **W 1:10–4:00** WOLTER P

**WATERSHED MANAGEMENT**
NREM 407 4 CREDITS
- **Prereq:** A COURSE IN GENERAL BIOLOGY
- **MEETS:** JAN 8–MAY 4
- **T 9:30–10:50** SCHULTZ R
- **T 10:10–12:00** SCHULTZ R
- **F 11:00–2:00** SCHULTZ R

**ECOSYSTEM MANAGEMENT**
NREM 452 3 CREDITS
- **Prereq:** JR OR SR CLASSIFICATION
- **MEETS:** JAN 8–MAY 4
- **F 11:00–2:00** SCHULTE-MOORE L
- **S 1:10–4:00** SCHULTE-MOORE L

**AGROFORESTRY SYSTEMS**
NREM 471 3 CREDITS
- **Prereq:** 6 CREDITS IN BIOLOGICAL, ENVIRONMENTAL, OR SOCIAL SCIENCES OR ENGINEERING
- **MEETS:** JAN 8–MAY 4
- **F 11:00–2:00** TYNDALL J
- **T 3:10–6:00** TYNDALL J

**CONTRIB NAT RESRC MGT**
NREM 460 3 CREDITS
- **Prereq:** NREM 120, AND A ECL 312 OR NREM 311, AND JUNIOR CLASSIFICATION
- **MEETS:** JAN 8–MAY 4
- **T 11:00–12:20** MOORE P
- **F 11:00–2:00** SCHULTE-MOORE L

**SATELL RMT SENS LAB**
NREM 489L 1 CREDIT
- **Prereq:** 6 CREDITS IN BIOLOGICAL, ENVIRONMENTAL, OR SOCIAL SCIENCES OR ENGINEERING
- **MEETS:** JAN 8–MAY 4
- **F 11:00–2:00** SCHULTE-MOORE L
- **S 1:10–4:00** SCHULTE-MOORE L

**ADV DECISION RES ALLOC**
NREM 570 3 CREDITS
- **Prereq:** FOR 451 OR TWO COURSES IN ECONOMICS AT 300 LEVEL OR ABOVE
- **MEETS:** JAN 8–MAY 4
- **T 3:10–5:00** TYNDALL J
- **F 11:00–12:50** TYNDALL J

**AGROFORESTRY SYSTEMS**
NREM 571 3 CREDITS
- **Prereq:** 6 CREDITS IN BIOLOGICAL, ENVIRONMENTAL, OR SOCIAL SCIENCES OR ENGINEERING
- **MEETS:** JAN 8–MAY 4
- **F 11:00–2:00** SCHULTE-MOORE L
- **M 1:10–4:00** SCHULTE-MOORE L

**DOMESTIC TRAVEL**
NREM 598 1-3 CREDITS
- **Prereq:** PERMISSION OF DEPARTMENT CHAIR
- **MEETS:** JAN 8–MAY 4
- **T 9:30-10:50** SCHULTZ R
- **T 10:10-12:00** SCHULTZ R
- **T 12:10-3:00** SCHULTZ R

**TEACHING PRACTICUM**
NREM 599 1 CREDIT
- **Prereq:** GRAD CLASSIFICATION AS M.S. CANDIDATE IN AN NREM MAJOR, PERMISSION OF INSTRUCTOR
- **MEETS:** JAN 8–MAY 4
- **F 8:00–9:50** SCHULTE M

**INTERNATIONAL TRAVEL**
NREM 596A 1-5 CREDITS
- **Prereq:** PERMISSION OF INSTRUCTOR
- **MEETS:** JAN 8–MAY 4
- **T 12:10-3:00** SCHULTZ R

**DOMESTIC TRAVEL**
NREM 596B 1-5 CREDITS
- **Prereq:** PERMISSION OF INSTRUCTOR
- **MEETS:** JAN 8–MAY 4
- **F 1:10–3:00** RENTZ M

**DOMESTIC TRAVEL**
NREM 59700 1-5 CREDITS
- **Prereq:** PERMISSION OF INSTRUCTOR
- **MEETS:** JAN 8–MAY 4
- **F 9:00–11:00** THOMPSON J

**DOMESTIC TRAVEL**
NREM 59800 1-5 CREDITS
- **Prereq:** PERMISSION OF INSTRUCTOR
- **MEETS:** JAN 8–MAY 4
- **F 9:00–11:00** THOMPSON J
NAVAL SCIENCE

SEAPOWMARITIME AFF N S 212 3 CREDITS
7303005 A TR 9:30-10:50
F 4:10-5:30
R 4:10-5:30
MEETS: JAN 8-MAY 4

NAVIGATION N S 230 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
5708005 A TR 8:00-9:20
F 4:10-5:30
R 4:10-5:30
MEETS: JAN 8-MAY 4

FUND MNEUV WARFARE N S 240 3 CREDITS
9516005 TR 5:10-6:30PM
TR 4:10-5:30
MEETS: JAN 8-MAY 4

NAVAL SHIP SYST II N S 330 3 CREDITS
Prereq: PHYS 221, SOPHOMORE CLASSIFICATION
5707005 A MWF 9:00-10:50
R 4:10-5:30
MEETS: JAN 8-MAY 4
Note: Department permission required.

LEADERSHIP & ETHICS N S 412 3 CREDITS
Prereq: REQMTS FOR NROTC STUDENTS - N S 111,
N S 212 OR HIST 389, N S 220, N S 230, N S 320,
N S 330 AND N S 430
Note: COURSE RESTRICTED TO SENIOR MIDSHIPMEN
5704005 A MWF 9:00-10:50
TR 4:10-5:30
MEETS: JAN 8-MAY 4

SPECIAL PROBLEMS NUC E 490 1-3 CREDITS
Prereq: NUC E 401, PERMISSION OF NUCLEAR
ENGINEERING PROGRAM DIRECTOR
9086605 XE ARRANGED
MEETS: JAN 8-MAY 4

RESEARCH NUC E 499 1-12 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
NATURAL RESOURCE ECOLOGY AND MGNT (CONTINUED)

NAVAL SCIENCE

NUCLEAR REACTR ENGR NUC E 402 3 CREDITS
Prereq: NUC E 401, PERMISSION OF NUCLEAR
ENGINEERING PROGRAM DIRECTOR
7745600 XE ARRANGED
MEETS: JAN 8-MAY 4
Note: Section XE is off campus
Course delivery is WW

RAD PROTECISHIELDING NUC E 405 3 CREDITS
Prereq: NUC E 401, PERMISSION OF NUCLEAR
ENGINEERING PROGRAM DIRECTOR
7755600 XE ARRANGED
MEETS: JAN 8-MAY 4
Note: Section XE is off campus
Course delivery is WW

NUCLEAR ENGINEERING

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS
5824005 A TR 2:10-3:00
MEETS: JAN 8-MAY 4
TSOO J
5824010 B TR 12:10-1:00
MEETS: JAN 8-MAY 4
DOSANJH R
5824015 C MWF 10:00-10:50
MEETS: JAN 8-MAY 4
8567005 A TR 9:30-10:50
MEETS: JAN 8-MAY 4
CAMPBELL C

PHILOSOPHY

NUCLR ENRGY&GSRCTY NUC E 430 3 CREDITS
Prereq: NUC E 401
9086605 XE ARRANGED
MEETS: JAN 8-MAY 4
HARDING M

INDEPENDENT STUDY NUC E 490 1-3 CREDITS
Prereq: JUNIOR CLASSIFICATION
****** SEE DEPT FOR REFERENCE NUMBERS

NUCLEAR SCIENCE

NON-RUMIN DIGESTIVE NUTR 518 3 CREDITS
Prereq: AN S 419 OR NUTR 501
8541005 1 ARRANGED
MEETS: JAN 8-MAY 4

PERFORMING ARTS

ISSUES PERFORM ARTS PERF 105 R CREDIT
3673005 R 4:10-5:30
MEETS: JAN 8-MAY 4

PERFORMING ARTS SEMINAR PERF 401 2 CREDITS
3706005 ARRANGED
MEETS: JAN 8-MAY 4

ORGANIZATION FOR TROPICAL STUDIES

ORGANIZATION FOR TROPICAL STUDIES

PERFORMING ARTS

ISSUES PERFORM ARTS PERF 105 R CREDIT
3673005 R 4:10-5:30
MEETS: JAN 8-MAY 4

PERFORMING ARTS SEMINAR PERF 401 2 CREDITS
3706005 ARRANGED
MEETS: JAN 8-MAY 4

ORGANIZATION FOR TROPICAL STUDIES

ECONOMIC DEVELOPMENT OTS 510 8 CREDITS
7535005 ARRANGED
MEETS: JAN 8-MAY 4

TROPICAL BIODL OTS 515 1-8 CREDITS
7544005 ARRANGED
MEETS: JAN 8-MAY 4

NUTRITION

RESCH NUTRITION NUTR 699 VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

PERFORMING ARTS

ISSUES PERFORM ARTS PERF 105 R CREDIT
3673005 R 4:10-5:30
MEETS: JAN 8-MAY 4

PERFORMING ARTS SEMINAR PERF 401 2 CREDITS
3706005 ARRANGED
MEETS: JAN 8-MAY 4

PERFORMING ARTS

ISSUES PERFORM ARTS PERF 105 R CREDIT
3673005 R 4:10-5:30
MEETS: JAN 8-MAY 4

PERFORMING ARTS SEMINAR PERF 401 2 CREDITS
3706005 ARRANGED
MEETS: JAN 8-MAY 4

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS
5824005 A MFN 2:10-3:00
MEETS: JAN 8-MAY 4
TSOO J
5824010 B MNB 12:10-1:00
MEETS: JAN 8-MAY 4
DOSSANJH R
5824015 C MNF 10:00-10:50
MEETS: JAN 8-MAY 4
8567005 A TR 9:30-10:50
MEETS: JAN 8-MAY 4
CAMPBELL C

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS
5824005 A MFN 2:10-3:00
MEETS: JAN 8-MAY 4
TSOO J
5824010 B MNB 12:10-1:00
MEETS: JAN 8-MAY 4
DOSSANJH R
5824015 C MNF 10:00-10:50
MEETS: JAN 8-MAY 4
8567005 A TR 9:30-10:50
MEETS: JAN 8-MAY 4
CAMPBELL C

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS
5824005 A MFN 2:10-3:00
MEETS: JAN 8-MAY 4
TSOO J
5824010 B MNB 12:10-1:00
MEETS: JAN 8-MAY 4
DOSSANJH R
5824015 C MNF 10:00-10:50
MEETS: JAN 8-MAY 4
8567005 A TR 9:30-10:50
MEETS: JAN 8-MAY 4
CAMPBELL C

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS
5824005 A MFN 2:10-3:00
MEETS: JAN 8-MAY 4
TSOO J
5824010 B MNB 12:10-1:00
MEETS: JAN 8-MAY 4
DOSSANJH R
5824015 C MNF 10:00-10:50
MEETS: JAN 8-MAY 4
8567005 A TR 9:30-10:50
MEETS: JAN 8-MAY 4
CAMPBELL C
PHILOSOPHY

INTR SYMBOLIC LOGIC PHI 207 3 CREDITS
5826005 TR 12:40-2:00 BUTLER A
MEETS: JAN 8-MAY 4

PHILOSOPHY OF LAW PHI 332 3 CREDITS
5836005 MWF 8:00-8:50 WOLF C
MEETS: JAN 8-MAY 4

MORAL THEOR&PRACTICE PHI 230 3 CREDITS
5827005 A MWF 11:00-12:00 HOBSON K
MEETS: JAN 8-MAY 4
5827010 B MWF 1:10-2:00 HOBSON K
MEETS: JAN 8-MAY 4
5827015 C MWF 9:00-9:50 PADGETT-WALSH C
MEETS: JAN 8-MAY 4
5827020 D MWF 10:00-10:50 HOBSON K
MEETS: JAN 8-MAY 4
5827025 E TR 9:30-10:30 BUTLER T
MEETS: JAN 8-MAY 4
5827030 F TR 11:00-12:00 BUTLER T
Note: SEC P FOR COLLEGE OF BUSINESS MAJORS ONLY
MEETS: JAN 8-MAY 4

ETH ISS DIVERSE SOC PHI 235 3 CREDITS
5827035 G TR 11:00-12:00 HOLMGREN M
MEETS: JAN 8-MAY 4
5827040 J MWF 11:00-12:00 HOLMGREN M
MEETS: JAN 8-MAY 4
5827045 K MWF 12:10-1:00 KNIGHT G
MEETS: JAN 8-MAY 4
5827050 L MWF 10:00-10:50 PADGETT-WALSH C
MEETS: JAN 8-MAY 4
5827055 M MWF 11:00-12:00 HOBSON M
MEETS: JAN 8-MAY 4
5827075 P MWF 2:10-3:00 KNIGHT G
MEETS: JAN 8-MAY 4
5827070 Q TR 9:30-10:30 PADGETT-WALSH K
MEETS: JAN 8-MAY 4
5827080 R TR 11:00-12:30 PADGETT-WALSH K
MEETS: JAN 8-MAY 4

PHYSICS

INTRO PHYSICS PREP PHYS 50X 0 CREDITS
Frezq: 1 YEAR OF HIGH SCHOOL ALGEBRA
6112005 1 TR 3:30-5:30 MEETS: JAN 8-MAY 4
6112010 2 TR 3:40-5:00 MEETS: MARCH 5-MAY 4

PHYS FOR NON-SCIENT PHYS 101 3 CREDITS
5835005 TR 12:40-2:10 MEETS: JAN 8-MAY 4

PHYSICAL SC FOR EL ED PHYS 102L 3 CREDITS
5835005 TR 12:40-2:10 MEETS: JAN 8-MAY 4

PHYSICAL SC FOR EL ED PHYS 102L 3 CREDITS
Frezq: MATH 195 OR MATH 140
8651005 1 M 3:30-4:30 TR 10:00-11:50 MEETS: JAN 8-MAY 4
8651010 2 TR 3:40-5:00 MEETS: JAN 8-MAY 4
8651015 3 M 3:30-4:30 TR 10:00-11:50 MEETS: JAN 8-MAY 4
8651020 4 TR 10:00-11:50 MEETS: JAN 8-MAY 4
8651025 5 TR 10:00-11:50 MEETS: JAN 8-MAY 4
8651030 6 TR 10:00-11:50 MEETS: JAN 8-MAY 4
8651035 7 TR 10:00-11:50 MEETS: JAN 8-MAY 4

APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM
Prereq: 6 CR IN PHILOSOPHY
TOPICS EPISTEMOLOGY PHI 466 3 CREDITS
5844005 TR 12:40-2:10 ALEXANDER D
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY PHI 490 1-4 CREDITS
Frezq: 6 CR IN PHI, PERMISSION OF INSTRUCTORS, APPROVAL OF CHAIR
Note: NO MORE THAN 9 CREDITS OF PHI 490 MAY BE
APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS PHI 490H 1-4 CREDITS
Frezq: 6 CR IN PHI, PERMISSION OF INSTRUCTORS, APPROVAL OF CHAIR
Note: NO MORE THAN 9 CREDITS OF PHI 490H MAY BE
APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

GRADUATING SR SURVEY PHYS 492 R CREDIT
3891005 ARRANGED
MEETS: JAN 8-MAY 4

SPCL TOPC HISTORY PHYS 590A 2-4 CREDITS
Frezq: INSTRUCTOR PERMISSION, 9 CR IN PHYS
5850005 ARRANGED
MEETS: JAN 8-MAY 4

SPL TOP VALUE THRY PHYS 590C 2-4 CREDITS
Frezq: INSTRUCTOR PERMISSION, 9 CR IN PHYS
5852005 ARRANGED
MEETS: JAN 8-MAY 4

SPL TOP LOGIC&P SCI PHYS 590D 2-4 CREDITS
Frezq: INSTRUCTOR PERMISSION, 9 CR IN PHYS
5853005 ARRANGED
MEETS: JAN 8-MAY 4

SPL TOP VALUE THRY PHYS 590C 2-4 CREDITS
Frezq: INSTRUCTOR PERMISSION, 9 CR IN PHYS
5852005 ARRANGED
MEETS: JAN 8-MAY 4
GENERAL PHYSICS       PHYS 111       5 CREDITS
5857005   1 TR 9:30-10:50
          F 8:00-9:50
          MEETS: JAN 8-MAY 4
5857010   2 TR 9:30-10:50
          F 8:00-9:50
          MEETS: JAN 8-MAY 4
5857015   3 TR 9:30-10:50
          F 10:00-10:50
          MEETS: JAN 8-MAY 4
5857020   4 TR 9:30-10:50
          F 11:00-11:50
          MEETS: JAN 8-MAY 4
5857025   5 TR 9:30-10:50
          F 12:10-1:00
          MEETS: JAN 8-MAY 4
5857030   6 TR 9:30-10:50
          F 1:10-2:00
          MEETS: JAN 8-MAY 4
5857035   7 TR 9:30-10:50
          F 2:10-3:00
          MEETS: JAN 8-MAY 4
5857040   8 TR 9:30-10:50
          F 3:10-4:00
          MEETS: JAN 8-MAY 4
5857045   9 TR 9:30-10:50
          F 4:10-5:00
          MEETS: JAN 8-MAY 4
5857050  10 TR 11:00-12:20
          F 6:10-7:00
          MEETS: JAN 8-MAY 4
5857055  11 TR 11:00-12:20
          F 7:10-8:00
          MEETS: JAN 8-MAY 4
5857060  12 TR 11:00-12:20
          F 8:00-9:00
          MEETS: JAN 8-MAY 4
5857065  13 TR 11:00-12:20
          F 9:10-10:00
          MEETS: JAN 8-MAY 4
5857070  14 TR 11:00-12:20
          F 10:10-11:00
          MEETS: JAN 8-MAY 4
5857075  15 TR 11:00-12:20
          F 11:10-12:00
          MEETS: JAN 8-MAY 4
5857080  16 TR 11:00-12:20
          F 12:10-13:00
          MEETS: JAN 8-MAY 4
5857085  17 TR 11:00-12:20
          F 13:10-14:00
          MEETS: JAN 8-MAY 4
5857090  18 TR 11:00-12:20
          F 14:10-15:00
          MEETS: JAN 8-MAY 4
5857095 A M 8:00-9:00
          B M 10:00-11:00
          MEETS: JAN 8-MAY 4
5857060 C M 12:00-1:00
          D M 1:00-2:00
          MEETS: JAN 8-MAY 4
5857065 E M 2:00-3:00
          F M 3:00-4:00
          MEETS: JAN 8-MAY 4
5857070 G T 12:10-1:00
          H T 1:00-2:00
          MEETS: JAN 8-MAY 4
5857075 I T 2:00-3:00
          J T 3:00-4:00
          MEETS: JAN 8-MAY 4
5857080 K T 4:00-5:00
          L T 5:00-6:00
          MEETS: JAN 8-MAY 4
5857085 M T 6:00-7:00
          N T 7:00-8:00
          MEETS: JAN 8-MAY 4
5857090 O T 8:00-9:00
          P T 9:00-10:00
          MEETS: JAN 8-MAY 4
5857095 K W 10:00-11:00
          L W 11:00-12:00
          MEETS: JAN 8-MAY 4
5857100 M W 12:00-1:00
          N W 1:00-2:00
          MEETS: JAN 8-MAY 4
5857105 O W 2:00-3:00
          P W 3:00-4:00
          MEETS: JAN 8-MAY 4
5857110 Q W 4:00-5:00
          R W 5:00-6:00
          MEETS: JAN 8-MAY 4
5857115 S W 6:00-7:00
          T W 7:00-8:00
          MEETS: JAN 8-MAY 4
5857120 U R 10:00-11:00
          V R 11:00-12:00
          MEETS: JAN 8-MAY 4
5857125 W R 12:00-1:00
          X R 1:00-2:00
          MEETS: JAN 8-MAY 4
5857130 Y R 2:00-3:00
          Z R 3:00-4:00
          MEETS: JAN 8-MAY 4
5857135 A V 6:00-7:00
          B V 7:00-8:00
          MEETS: JAN 8-MAY 4
5857140 C V 8:00-9:00
          D V 9:00-10:00
          MEETS: JAN 8-MAY 4
5857145 E V 10:00-11:00
          F V 11:00-12:00
          MEETS: JAN 8-MAY 4
5857300 LW ARRANGED
          MEETS: JAN 8-MAY 4

Note: SEC LW IS THE LAB WAIVER SECTION. FOR
STUDENTS WHO HAVE ALREADY COMPLETED THIS COURSE'S
LABS IN THE PAST. STUDENTS MUST APPLY FOR LAB
WAIVER ON BLACKBOARD IN 1ST WEEK OF CLASSES
<table>
<thead>
<tr>
<th>CRN</th>
<th>Section</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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**PHYSICS PHYS I PHYS 221 5 CREDITS**

Note: SEC G RESTRICTED TO PHYSICS MAJORS ONLY
Note: SEC K RESTRICTED TO PHYSICS MAJORS ONLY
Note: SEC N RESTRICTED TO PHYSICS MAJORS ONLY
Note: SEC AF RESTRICTED TO PHYSICS MAJORS ONLY
Note: SEC DD DO NOT ENROLL IN A TUES/THURS DIS.
That meets at the same time as the Thurs. Lab
Note: SEC EE DO NOT ENROLL IN A THURS. DISCUSSION
That meets at the same time as the Lab
Note: SEC FF DO NOT ENROLL IN A THURS. DISCUSSION
That meets at the same time as the Lab
Note: SEC GG DO NOT ENROLL IN A THURS. DISCUSSION
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Note: SEC JJ DO NOT ENROLL IN A THURS DISCUSSION
That meets at the same time as the Thurs. Lab
Note: SEC LM IS ONLY FOR STUDENTS WHO HAVE SUCCESSFULLY COMPLETED PHYS 221 LABS. STUDENTS IN SEC LM MUST APPLY FOR LAB WAIVER ON BLACKBOARD IN THE 1ST WEEK OF CLASSES
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<td>PRINC SYM PHYS</td>
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<td>PHYS 860</td>
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<td>PHYS 980</td>
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<td>PRINC SYM PHYS</td>
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<td>PHYS 990</td>
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<td>PRINC SYM PHYS</td>
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<td>T 11:00-11:50</td>
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</tbody>
</table>

Note: See the catalog for more information on the courses and prerequisites.
PHYSICS (CONTINUED)

UNDERGRAD RESEARCH  PHYS 450L  1- 6 CREDITS
Prereq: PHYS 311, PERMISSION OF INSTRUCTOR
******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED PHYSICS LAB  PHYS 470L  2- 5 CREDITS
Prereq: PHYS 322 AND PERMISSION OF INSTRUCTOR
3161005  ARRANGED
MEETS: JAN 8-MAY 4

QUANTUM MECHANICS II  PHYS 481  3 CREDITS
Prereq: PHYS 480
5891005  TR 8:00-9:20
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY  PHYS 490  1- 4 CREDITS
Prereq: 6 CREDITS IN PHYS, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE APPLIED TOWARD GRADUATION
******  SEE DEPT FOR REFERENCE NUMBERS

MODERN OPTICS  PHYS 496  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN PHYS 322, PHYS 365, PHYS 480
5884005  MWF 10:00-10:50
MEETS: JAN 8-MAY 4

CONDENSED MATTER II  PHYS 512  3 CREDITS
Prereq: PHYS 511
5897005  TR 9:30-10:50
MEETS: JAN 8-MAY 4

STATISTICAL MECHANI  PHYS 531  3 CREDITS
Prereq: PHYS 304 AND CREDIT OR ENROLLMENT IN PHYS 481, MATH 465, CREDIT OR ENROLLMENT IN MATH 365 OR MATH 426
5902005  TR 11:00-12:20
MEETS: JAN 8-MAY 4

MOLCL\&CELL BIOPHYS  PHYS 532  3 CREDITS
Prereq: PHYS 304 OR CHEM 325
8708005  MWF 11:00-11:50
MEETS: JAN 8-MAY 4

PHYS SEMCOND DEVIC  PHYS 536  3 CREDITS
Prereq: E E 535
5904005  MW 5:40-7:00PM
MEETS: JAN 8-MAY 4

COMPUTATIONAL PHYS  PHYS 551  2 CREDITS
Prereq: PHYS 365, CREDIT OR ENROLLMENT IN PHYS 481
Satisfactory-Fail Only,
7651005  W 2:10-4:00
MEETS: JAN 8-MAY 4

ADV CLASSICL MECHAN  PHYS 564  3 CREDITS
Prereq: PHYS 362, MATH 426, MATH 465
5907005  TR 12:40-2:00
MEETS: JAN 8-MAY 4

ADV ELECT\&MAGNET II  PHYS 572  3 CREDITS
Prereq: PHYS 571
5909005  MW 11:00-11:50
MEETS: JAN 8-MAY 4

SPCL TOPICS NUCLEAR PHYS  PHYS 590A  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5910005  ARRANGED
MEETS: JAN 8-MAY 4

SPC CTN  PHYS 590B  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE OFFERED FOR 3 CREDITS
5911005  1 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

SPC CTN  PHYS 590C  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5912005  ARRANGED
MEETS: JAN 8-MAY 4

SPC CTN  PHYS 590D  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5913005  ARRANGED
MEETS: JAN 8-MAY 4

SPC CTN  PHYS 590E  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5914005  ARRANGED
MEETS: JAN 8-MAY 4

PHYSICS (CONTINUED)

QUANTUM PHYSICS II  PHYS 592  4 CREDITS
Prereq: PHYS 591
5916005  MF 10:00-10:50
W 9:00-10:50
MEETS: JAN 8-MAY 4

CREATIVE COMPONENT  PHYS 599  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******  SEE DEPT FOR REFERENCE NUMBERS

QUANT THRY C MATTER PHYS  PHYS 611  3 CREDITS
Prereq: PHYS 512 AND PHYS 681 OR PERMISSION OF INSTRUCTOR
5918005  TR 9:30-10:50
MEETS: JAN 8-MAY 4

ADV NUCLEAR PHYSICS PHYS 624  3 CREDITS
Prereq: PHYS 526, PHYS 592
3143005  TR 9:30-10:50
MEETS: JAN 8-MAY 4

PH STRONG INTERACTN PHYS 625  3 CREDITS
Prereq: PHYS 591
3150005  ARRANGED
MEETS: JAN 8-MAY 4

ELEM PARTICLE PH II PHYS 638  3 CREDITS
Prereq: PHYS 637
5922005  MWF 11:00-11:50
MEETS: JAN 8-MAY 4

MATH MODEL PHYSC SY PHYS 646  3 CREDITS
Prereq: PHYS 637
9102005  MWF 11:00-11:50
MEETS: JAN 8-MAY 4

ADV SEMINAR NUCLEAR PHYS 650A  1 CREDIT
Prereq: PHYS 681
5923005  R 4:10-5:00
MEETS: JAN 8-MAY 4

ADV SEM COND MATTER PHYS 650B  1 CREDIT
Prereq: PHYS 681
5924005  R 4:10-6:00PM
MEETS: JAN 8-MAY 4

ADV SEM HIGH ENERGY PHYS 650C  1 CREDIT
Prereq: PHYS 681
5925005  W 4:10-5:00
MEETS: JAN 8-MAY 4

ADV SEMINAR PHYSICS PHYS 650D  1 CREDIT
Prereq: PHYS 681
5926005  F 12:10-1:00
MEETS: JAN 8-MAY 4

ADV SEMINAR APPLIED PHYS 650E  1 CREDIT
Prereq: PHYS 681
5927005  M 4:10-6:00PM
MEETS: JAN 8-MAY 4

ADV TOP COND MATTER PHYS 660B  1- 3 CREDITS
Prereq: PHYS 681
5929005  ARRANGED
MEETS: JAN 8-MAY 4

ADV TOP HIGH ENERGY PHYS 660C  1- 3 CREDITS
Prereq: PHYS 681
5930005  ARRANGED
MEETS: JAN 8-MAY 4

ADV TOPICS PHYSICS PHYS 660D  1- 3 CREDITS
Prereq: PHYS 681
5931005  ARRANGED
MEETS: JAN 8-MAY 4

ADV TOPICS PHYSICS PHYS 660E  1- 3 CREDITS
Prereq: PHYS 681
5932005  ARRANGED
MEETS: JAN 8-MAY 4

QUANTUM FLD THRY PHYS 681  3 CREDITS
Prereq: PHYS 681
5934005  TR 2:10-3:30
MEETS: JAN 8-MAY 4

RESEARCH PHYS 699  VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION REQUIRED
******  SEE DEPT FOR REFERENCE NUMBERS

PLANT BIOLOGY

RESEARCH SEMINAR PLBIO 696  1 CREDIT
Prereq: PHYS 637
8828005  W 4:10-5:00
MEETS: JAN 8-MAY 4

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

PRIN OF PLANT PATH PL P 408 3 CREDITS
Prereq: 8 CREDITS IN LIFE SCIENCES, INCLUDING BIO 211, 212
3998005 1 MW 11:00-11:50
W 12:10-2:00
MEETS: JAN 8-MAY 4
3998010 2 MW 11:00-11:50
W 2:10-4:00
MEETS: JAN 8-MAY 4
3998015 3 MW 11:00-11:50
W 4:10-6:00PM
MEETS: JAN 8-MAY 4
BACT-PLANT INTERACT PL P 477 3 CREDITS
Prereq: 3 CREDITS IN MICROBIOL OR PLANT PATHOLOGY
5648005 MWF 12:10-1:00
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY PL P 490 5-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CR 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.
3155005 ARRANGED
MEETS: JAN 8-MAY 4
PLANT-PATH INTERACT PL P 506 2 CREDITS
Prereq: PL P 408 OR BIO 416, 513
9645005 TR 9:00-9:50
MEETS: JAN 8-MAY 4

POLITICAL SCIENCE (CONTINUED)

INTRO CMPAR GOVT & POL POL S 241 3 CREDITS
Note: Meets international perspectives reqmt
5963005 A MWF 11:00-11:50
MEETS: JAN 8-MAY 4
5963100 B TR 9:30-10:50
MEETS: JAN 8-MAY 4

INTRO INTERNATL POLIT POL S 251 3 CREDITS
Note: Meets international perspectives reqmt
5964005 A TR 12:40-2:00
MEETS: JAN 8-MAY 4
5964100 B TR 9:30-10:50
MEETS: JAN 8-MAY 4

INTRO EMPIRCL RSCH POL S 301 3 CREDITS
Note: Enrollment restricted to POL S majors only
5965005 A MWF 9:00-9:50
MEETS: JAN 8-MAY 4

PUB OPINION & VOT. POLL POL S 306 3 CREDITS
Note: Enrolled in political science
9242005 A TR 12:40-2:00
MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO POL S MAJORS ONLY

INTRO AMER GOVT & POL POL S 310 3 CREDITS
Prereq: 3 CR IN POL S
5968005 A TR 11:00-1:30
MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO POL S MAJORS ONLY
5968100 B TR 2:10-3:30
MEETS: JAN 8-MAY 4
Note: SEC B RESTRICTED TO POL S MAJORS ONLY

LATIN AM GOVT & POL POL S 340 3 CREDITS
Prereq: A COURSE IN POL S OR SOC
5970010 A TR 12:40-2:00
MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO POL S, CJ ST, INDIS

AMER JUDICIAL PROC POL S 320 3 CREDITS
Prereq: POL S 215
5970005 A TR 11:00-1:30
MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO POL S, CJ ST, INDIS

SCIENCE & PUBLC POLICY POL S 335 3 CREDITS
Note: Meets U.S. diversity reqmt
6471005 TR 11:00-12:20
MEETS: JAN 8-MAY 4

POLITICS & SOCIETY POL S 334 3 CREDITS
Note: A COURSE IN POL S OR SOC
7403005 A TR 11:00-1:30
MEETS: JAN 8-MAY 4
Note: SEC B FOR MAJORS OTHER THAN POL S

THESIS & DIS RESEARCH PL P 699 1-6 CREDITS
Note: SATISFACTORY-FAIL. NO CREDITS.
8680005 ARRANGED

SPL TOP THRY & METHODS POL S 313 2 CREDITS
Note: A TOPIC MAY NOT BE TAKEN MORE THAN ONCE
680005 A MWF 11:00-11:50
MEETS: JAN 8-MAY 4

LAW AND POLITICS POL S 319 3 CREDITS
Prereq: SOFMORE STANDING; POL S 215 RECOMMENDED
Note: CREDIT FOR EITHER POL S 319 OR POL S 230 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
3865005 A MWF 12:10-1:00
MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO POL S MAJORS ONLY
3865100 B MWF 12:10-1:00
MEETS: JAN 8-MAY 4
Note: SEC B FOR MAJORS OTHER THAN POL S, CJ ST, INDIS

DMRCY & DVSTY IN US POL S 333 3 CREDITS
Prereq: SOFMORE STANDING; POL S 215 RECOMMENDED
Note: Meets U.S. diversity reqmt
6471005 TR 11:00-12:20
MEETS: JAN 8-MAY 4

POLITICS & SOCIETY POL S 334 3 CREDITS
Note: A COURSE IN POL S OR SOC
7403005 A TR 11:00-1:30
MEETS: JAN 8-MAY 4
Note: SEC B FOR MAJORS OTHER THAN POL S

SCI, TECH & PUBLC POLICY POL S 335 3 CREDITS
Note: Meets U.S. diversity reqmt
7987005 A R 6:10-9:00PM
Note: SEC A RESTRICTED TO POL S MAJORS ONLY
7987100 B R 6:10-9:00PM
MEETS: JAN 8-MAY 4
Note: SEC B FOR MAJORS OTHER THAN POL S

POLITICS & SOCIETY POL S 340 3 CREDITS
Note: Meets international perspectives reqmt
5971005 A TR 12:40-2:00
MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO POL S MAJORS ONLY
5971100 B MWF 11:00-1:00
MEETS: JAN 8-MAY 4
Note: SEC B FOR MAJORS OTHER THAN POL S
POLITICAL SCIENCE (CONTINUED)

PUBLIC POLICY POL S 344 3 CREDITS
9243005 A TR 9:30-10:50 MEETS: JAN 8-MAY 4
9243010 B TR 9:30-10:50 MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
Note: SEC B FOR MAJORS OTHER THAN POL S

EUROPEAN POLITICS POL S 346 3 CREDITS
Note: Meets international perspectives reqmt
5976005 A TR 12:40-2:00 MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
5976010 B TR 12:40-2:00 MEETS: JAN 8-MAY 4
Note: SEC B FOR MAJORS OTHER THAN POL S

WAR,HUMANTRN POLITICS POL S 354 3 CREDITS
Prereq: POL S 235 OR POL S 251 OR ANTHR 230
6464005 MWF 1:10-2:00 MEETS: JAN 8-MAY 4
Note: Meets international perspectives reqmt

INT'L SECURITY PLCY POL S 357 3 CREDITS
9647005 A MW 11:00-11:50 MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
9647010 B MW 11:00-11:50 MEETS: JAN 8-MAY 4
Note: SEC B FOR MAJORS OTHER THAN POL S

ISSUES FOREIGN PLCY POL S 359 3 CREDITS
Prereq: POL S 215, POL S 251, OR POL S 358
1006005 A TR 9:30-10:50 MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
1006010 B TR 9:30-10:50 MEETS: JAN 8-MAY 4
Note: SEC B FOR MAJORS OTHER THAN POL S.

THE JUDICIARY POL S 362 3 CREDITS
9807005 TR 11:00-12:20 MEETS: JAN 8-MAY 4

RELIGION & POLITICS POL S 370 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
3166005 A TR 2:10-3:30 MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
3166010 B TR 2:10-3:30 MEETS: JAN 8-MAY 4
Note: SEC B FOR MAJORS OTHER THAN POL S.

INT'L POLIT ECONOMY POL S 381 3 CREDITS
1000005 A TR 2:10-3:30 MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO POL S MAJOR ONLY.
1000010 B TR 2:10-3:30 MEETS: JAN 8-MAY 4
Note: SEC B FOR MAJORS OTHER THAN POL S

ADV WRITING POL SCI POL S 395 R CREDIT
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCAT POL S 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION, COORDINATOR, JUNIOR CLASSIFICATION
4566005 ARRANGED MEETS: JAN 8-MAY 4

CONSTITUTN FREEDOMS POL S 421 3 CREDITS
Prereq: POL S 320 OR POL S 420
5989005 MW 2:10-3:10 MEETS: JAN 8-MAY 4

INTERNATIONAL LAW POL S 422 3 CREDITS
Prereq: POL S 215 OR POL S 251, JUNIOR CLASSIFICATION
5990005 MW 10:00-10:50 MEETS: JAN 8-MAY 4

COMP FOREIGN POLICY POL S 452 3 CREDITS
Prereq: POL S 251
Note: Meets international perspectives reqmt
6000005 MW 2:10-3:00 MEETS: JAN 8-MAY 4

POLITICAL SCIENCE (CONTINUED)

POLITICAL GAME THEOR POL S 470 3 CREDITS
Prereq: ECON 101
8904005 MW 12:10-1:00 MEETS: JAN 8-MAY 4

MGMT PUBLIC SECTOR POL S 475 3 CREDITS
Prereq: POL S 373
6005005 TR 6:10-9:00PM MEETS: JAN 8-MAY 4

6005600 XW ARRANGED MEETS: JAN 8-MAY 4
Note: Section XW is off campus
Course delivery is WWW

ETHICS&PUBLIC POLICY POL S 480 3 CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
6008005 TR 9:30-10:50

6008600 XW ARRANGED TUCKNESS A MEETS: JAN 8-MAY 4
Note: Section XW is off campus
Course delivery is WWW

ELECTRONIC DEMOCRACY POL S 487 3 CREDITS
Prereq: SONDRE HANSON OR INSTRUCTOR APPROVAL
6140005 MW 11:00-12:00 MEETS: JAN 8-MAY 4

IND STUDY AMER GOVT POL S 490A VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION.

IND STUDY INT'L RELA 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.

IND STUDY THRI&METHOD 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.

IND STUDY COMPAR POL POL S 490C VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION.

ETHICS&PUBLIC POLICY 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.

ETHICS&PUBLIC POLICY 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.

IND STUDY 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.

IND STUDY EXT CREDIT POL S 490E 1-2 CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION.

IND STUDY CATT CNTR POL S 490G VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION.

INDDEPENDENT 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.

SENIOR THESIS POL S 491 3 CREDITS
Prereq: 21 CREDITS OF POL S, SENIOR STATUS AND PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
POLITICAL SCIENCE (CONTINUED)

TEACHING INTERNSHIP POL S 496 3 CREDITS
Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSION
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 PERMISSION
Note: Use of POL S 497 CREDIT IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATION POL S 498 R CREDIT
Prereq: PERMISSION OF DEPARTMENT COOPERATION COORDINATOR; SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

POL SCI INTERNSHIP POL S 499 VAR. CREDITS
Prereq: 6 CREDITS IN POL S; JUNIOR OR SENIOR CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR
Note: Use of POL S 499 CREDIT IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
******* SEE DEPT FOR REFERENCE NUMBERS

INTL BIOL/NW LAW POL S 516 3 CREDITS
7425600 XW ARRANGED WANG Y
MEETS: JAN 8–MAY 4
Note: Section XW is off campus
Course delivery is WWW

MASS POL/TCL BEHAV POL S 525 3 CREDITS
7993005 R 2:10–5:00
MEETS: JAN 8–MAY 4

INFO ASSUR LEGAL & ET POL S 534 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, CPR E 531/INFAS S 531
7329005 M 6:10–9:00PM
MEETS: JAN 8–MAY 4

COMP FOREIGN POLICY POL S 552 3 CREDITS
Prereq: POL S 251
Note: Meets international perspectives reqmt
6029005 MWF 2:10–3:00
MEETS: JAN 8–MAY 4

POLICY 6PRGMRM EVAL POL S 574 3 CREDITS
6036005 ARRANGED
MEETS: JAN 8–MAY 4
Note: Course delivery is WWW
6036600 XW ARRanged SHELLEY M
MEETS: JAN 8–MAY 4
Note: Section XW is off campus
Course delivery is WWW

MGMT PUBLIC SECTOR POL S 575 3 CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
6037005 TR 6:10–9:00PM
MEETS: JAN 8–MAY 4
6037600 XW ARRANGED
Note: Section XW is off campus
Course delivery is WWW

ETHICS & PUBLIC POLICY POL S 580 3 CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
6040005 TR 9:10–10:50
MEETS: JAN 8–MAY 4
6040600 XW ARRANGED TUCKNESS A
MEETS: JAN 8–MAY 4
Note: Section XW is off campus
Course delivery is WWW

ELECTRONIC DEMOCRACY POL S 587 3 CREDITS
Prereq: Sophomore standing or instructor permission
3084005 MWF 1:10–2:00
MEETS: JAN 8–MAY 4

SPL TOP US P INSTIT POL S 590A 2–5 CREDITS
Prereq: 15 CR IN POL S; WRITTEN INSTRUCTOR PERMISSION
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 INSTRUCTOR PERMISSION
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.
6069005 A TR 9:30–10:50 DARK V
MEETS: JAN 8–MAY 4
6069010 B TR 11:00–12:20 DARK V
MEETS: JAN 8–MAY 4

LAB INTRODUC PSYCH PSYCH 102 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN PSYCH 101
Note: Sec A1, B1 ECT. RESTRICTED TO PSYCH MAJORS ONLY.
SEC A2, B2 ECT FOR MAJORS OTHER THAN PSYCH.
4786005 A1 T 1:10–3:00
MEETS: JAN 8–MAY 4
4786010 A2 T 1:10–3:00
MEETS: JAN 8–MAY 4
4786015 B1 W 8:00–9:50
MEETS: JAN 8–MAY 4
4786020 B2 W 8:00–9:50
MEETS: JAN 8–MAY 4
4786025 C1 T 3:10–5:00
MEETS: JAN 8–MAY 4
4786030 C2 T 3:10–5:00
MEETS: JAN 8–MAY 4
4786035 D1 R 1:10–3:00
MEETS: JAN 8–MAY 4
4786040 D2 R 1:10–3:00
MEETS: JAN 8–MAY 4

ORIENTATN TO PSYCH PSYCH 111 .5 CREDIT
Satisfactory-Fail Only
6068005 1 W 3:10–4:00
MEETS: JAN 8–MARCH 23
6068010 2 R 10:00–10:50
MEETS: JAN 8–MARCH 23

PSY LRN CMNTY SEMNR PSYCH 112 1 CREDIT
Prereq: PARTICIPATION IN FRESHMAN LEARNING COMMUNITY
Satisfactory-Fail Only
9388005 1 W 3:10–4:00
MEETS: JAN 8–MAY 4
# Psychology (Continued)

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RELIGIOUS STUDIES (CONTINUED)

PHILOS OF RELIGION RELIG 350 3 CREDITS
PreReq: PHIL 201
6199005 A TR 12:40-2:00
METEES: JAN 8-MAY 4
GEIRSSON H

INTRODUCT TO ISLAM RELIG 358 3 CREDITS
Note: Meets International Perspectives reqmt
3320005 TR 10:00-12:20
ARCHER G
METEES: JAN 8-MAY 4

RELIGION ANC GRAM RELIG 368X 3 CREDITS
Note: Meets International Perspectives reqmt
9901005
METEES: JAN 8-MAY 4

RELIGION & POLITICS RELIG 370 3 CREDITS
3165005 A TR 2:10-3:30
SEC A RESTRICTED TO POL S MAJORS ONLY
3165010 B TR 2:10-3:30
SEC B FOR MAJORS OTHER THAN POL S
Note: Course restricted to graduate students only.

CATHOLIC SOC THOUGHT RELIG 380 3 CREDITS
Note: Course restricted to sophomores and above.
8994005 TR 12:40-2:00
CIFFORD A
METEES: JAN 8-MAY 4

SEM: ISS STUDY RELIG RELIG 475 3 CREDITS
PreReq: 6 CREDITS IN RELIGIOUS STUDIES
6204005 M 11:00-1:30
AVALOS H
METEES: JAN 8-MAY 4

INDEPENDENT STUDY RELIG 490 1-3 CREDITS
PreReq: 6 CR IN RELIGIOUS STUDIES; PERMISSION OF INSTRUCTOR; APPROVAL OF DEPT CHAIR.
Note: No more than 9 credits of RELIG 490 may be applied toward graduation.
No 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.
No instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH & EVALUATION

INTRO EDUC RESEARCH RESEV 550 3 CREDITS
Note: Course restricted to graduate students only.
6211005 1 M 5:30-8:20 PM
METEES: JAN 8-MAY 4

BASIC EDUC STATISTICS RESEV 552 3 CREDITS
7368005 1 M 6:00-9:00 PM
METEES: JAN 8-MAY 4

INTMED EDUC STATISTIC RESEV 553 3 CREDITS
PreReq: RESEV 552 OR STAT 401
Note: Course restricted to graduate students only.
7684005 1 T 5:10-8:20 PM
METEES: JAN 8-MAY 4

Survey Ed Research RESEV 570 3 CREDITS
PreReq: RESEV 552 or Equivalent
8408005 1 M 5:30-8:20 PM
METEES: JAN 8-MAY 4
Satisfactory-Fail Only.

Intro Qtv Res Mthd RESEV 580 3 CREDITS
Note: Course restricted to graduate students only.
4059005 1 T 5:30-8:20 PM
METEES: JAN 8-MAY 4

Special Topics RESEV 590 1-3 CREDITS
PreReq: Graduate Standing
****** SEE DEPT FOR REFERENCE NUMBERS

Supervised Field Exper RESEV 591 2-4 CREDITS
PreReq: RESEV 550
Note: Course restricted to College of Human Sciences graduate students.
6218008 1 R 1:10-4:00
METEES: JAN 8-MAY 4
6218010 2 W 9:00-11:50
METEES: JAN 8-MAY 4

Program Assess&Eval RESEV 597 3 CREDITS
PreReq: RESEV 550
Note: Course restricted to College of Human Sciences graduate students.
6218005 1 R 1:10-4:00
METEES: JAN 8-MAY 4
6218010 2 W 9:00-11:50
METEES: JAN 8-MAY 4

RESEARCH & EVALUATION (CONTINUED)

Found Qualv Inquiry RESEV 603X 3 CREDITS
PreReq: C I 601
9899005 R 5:30-8:20 PM
METEES: JAN 8-MAY 4

Crit Iss Qtv Inqui RESEV 680 3 CREDITS
PreReq: RESEV 580
4564005 1 R 5:30-8:20 PM
METEES: JAN 8-MAY 4

Adv Special Topics RESEV 690 1-3 CREDITS
PreReq: Graduate Standing
****** SEE DEPT FOR REFERENCE NUMBERS
Research RESEV 699 Var. Credits
PreReq: Graduate Standing
****** SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN

Elem Russian II RUS 102 4 CREDITS
PreReq: RUS 101
Note: Students who have completed 3 or more yrs of high school rus may not enroll in 102. Students who have completed more than 1 yr but less than 3 yrs of H.S. rus are required to take 1st year testout exam.
6229005 1 MF 9:00-9:50
MEETES: JAN 8-MAY 4
Note: SEC 1 HYBRID FORMAT

Intermed Russian II RUS 202 4 CREDITS
PreReq: RUS 201
Note: Testout not available if also registered.
6230005 1 TR 12:40-2:10 PM
MEETES: JAN 8-MAY 4

Independent Study RUS 490 1-6 CREDITS
PreReq: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR.
Note: No more than 9 credits in rus 490 may be applied toward graduation.
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

Intro 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.
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

Seed Technology and Business

Creative Component STB 599 2-3 CREDITS
PreReq: Admission to Seed Technology and Business Master’s Degree Program and permission of instructor
3239005 ARRANGED
MEETES: JAN 8-MAY 4

Sociology

Sociology Orientation SOC 115 1 CREDIT
6345005 A M 9:00-9:50
MEETES: JAN 8-MARCH 2
HAGLEY M

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 MF 10:00-10:50
SCHNEINDRUBER D
MEETES: JAN 8-MAY 4

36461000 FW ARRANGED
KRIER D
MEETES: JAN 8-MAY 4
Note: Section FW is off campus.
Course delivery is online.

Intimate Relationship SOC 219 3 CREDITS
PreReq: SOC 134
6349005 A TR 9:30-10:50
MEETES: JAN 8-MAY 4
6349010 B MF 11:00-11:50
STOEHR A
SOCIOLOGY (CONTINUED)

GLOBAL SUSTAINABILITY SOC 220 3 CREDITS
Note: Meets international perspectives reqmt
3847005 1 MWF 11:00-11:50  HALLAM A
MEETS: JAN 8-MAY 4
SOCIAL PROBLEMS SOC 235 3 CREDITS
Prereq: SOC 134
6347005 A TR 9:30-10:50 WAHL D
MEETS: JAN 8-MAY 4
YOUTH & CRIME SOC 241 3 CREDITS
Prereq: SOC 134
6350005 A TR 11:00-12:20 ERICKSON J
MEETS: JAN 8-MAY 4
SOC SCI RSRCH MTHDS SOC 302 3 CREDITS
Prereq: SOC 134; STAT 101; OR CONCURRENT
ENROLLMENT IN STAT 101
Note: COURSE RESTRICTED TO AG SO, SOC, P S A, CJ ST, INDIS. STUDENTS WHO HAVE PREVIOUSLY TAKEN SOC 202 WILL NOT RECEIVE CREDIT FOR SOC 302.
6354005 A MWF 10:00-11:00  DORIUS S
MEETS: JAN 8-MAY 4
SOC PSYCH SOC 305 3 CREDITS
Prereq: SOC 134
Note: SEC A1,B1 ETC RESTRICTED TO AG SO, SOC, P S A, INDIS ONLY. SEC A2,B2 ETC FOR ALL OTHER MAJORS.
6355005 A1 MWF 9:00-11:00  JONES-JOHNSON G
MEETS: JAN 8-MAY 4
6355010 A2 MWF 9:00-11:00  JONES-JOHNSON G
6355015 B1 MWF 11:00-1:00  JONES-JOHNSON G
6355020 B2 MWF 1:00-3:00  JONES-JOHNSON G
COMMUNITY SOC 310 3 CREDITS
Prereq: SOC 134
Note: SEC A2 FOR MAJORS OTHER THAN AG SO, PS A & SOC
6321005 A MWF 11:00-12:00  REGER R
MEETS: JAN 8-MAY 4
TRANSITION IN AGRIC SOC 325 3 CREDITS
6322005 A1 TR 12:40-2:00  BAIN C
MEETS: JAN 8-MAY 4
Note: SEC A1 RESTRICTED TO AG SO, INDIS, PSA, SOC MAJORS ONLY.
6322010 A2 TR 12:40-2:00  BAIN C
Note: SEC A2 FOR MAJORS OTHER THAN AG SO, PSA & SOC
SEX&GENDER IN SOC SOC 327 3 CREDITS
Prereq: SOC 134
6356005 A1 MWF 10:00-11:00  POPILLION A
MEETS: JAN 8-MAY 4
6356010 A2 MWF 10:00-11:00  POPILLION A
MEETS: JAN 8-MAY 4
ETHNIC & RACE RELN SOC 330 3 CREDITS
Prereq: SEC A1 RESTRICTED TO SOC, INDIS, P S A MAJORS SEC A2, B2 FOR MAJORS OTHER THAN SOC, INDIS, P S A.
MEETS U.S. diversity reqmt
6352605 XW ARRANGED  KUBOS A
MEETS: JAN 8-MAY 4
Note: Section XW is off campus
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.
6357005 A1 TR 3:40-5:00  ROBERTS B
MEETS: JAN 8-MAY 4
6357010 A2 TR 3:40-5:00  ROBERTS B
MEETS: JAN 8-MAY 4
POLITICS & SOCIETY SOC 334 3 CREDITS
Prereq: A COURSE IN POLITICAL SCIENCE OR SOCIOLOGY
7401005 A TR 2:10-3:30  DORIUS B
MEETS: JAN 8-MAY 4
DEViant & CRIM BEHAV SOC 340 3 CREDITS
Prereq: 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.
6358005 A MWF 11:00-12:00  BEHNKEN M
MEETS: JAN 8-MAY 4
SOCIOLOGY (CONTINUED)

POPULATION & SOCIETY SOC 345 3 CREDITS
Prereq: SOC 134
Note: Meets international perspectives reqmt
6359005 A TR 2:10-3:30  MAZUR R
MEETS: JAN 8-MAY 4
GLBL POVS & SUSBN DEVELOP SOC 348 3 CREDITS
Prereq: SOC 134
Note: Meets international perspectives reqmt
9576005 A TR 12:40-1:00  DORIUS B
MEETS: JAN 8-MAY 4
9576005 XW ARRANGED  MAZUR R
MEETS: JAN 8-MAY 4
Note: Section XW is off campus
Course delivery is WWW
SOCIOLOGY OF WORK SOC 380 3 CREDITS
Prereq: SOC 134
6362005 A MWF 9:00-10:00  REGER R
MEETS: JAN 8-MAY 4
ENVIRONMENTAL SOCIOLOGY 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,B2 FOR MAJORS OTHER THAN AG SO, SOC, P S A.
7713005 A1 MWF 9:00-10:00  BALAYAR R
7713010 A2 MWF 9:00-10:00  BALAYAR R
MEETS: JAN 8-MAY 4
CONTEN SOC THEORIES SOC 401 3 CREDITS
6366005 A MWF 11:00-12:00  SAPP S
MEETS: JAN 8-MAY 4
6365010 B TR 12:40-1:00  KRIER D
MEETS: JAN 8-MAY 4
SURV RESEARCH METHODS SOC 414X 3 CREDITS
Prereq: STAT 101 OR STAT 104; SOC 392
9720005 A MWF 1:00-2:00  PETERS D
MEETS: JAN 8-MAY 4
CRIM 460 JUSTICE & PRAC SOC 460 3-12 CREDITS
Prereq: JR/SR CLASSIFICATION, PERMISSION 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.
6367005 ARRANGED  MEETS: JAN 8-MAY 4
INDEPENDENT STUDY 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 9 CREDITS OF SOC 490A 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 9 CREDITS OF SOC 490B TOWARD GRADUATION.

******** SEE DEPT FOR REFERENCE NUMBERS
INDEPENDENT STUDY HONORS SOC 490H 1-3 CREDITS
Prereq: 6 CR IN SOC AND INSTRUCTOR PERMISSION
Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY NO MORE THAN 9 CREDITS OF SOC 490H TOWARD GRADUATION.

******** SEE DEPT FOR REFERENCE NUMBERS
QUALITY RSRC MTHDS SOC 513 3 CREDITS
Prereq: SOC 511
8565005 A R 3:10-6:00PM  OBERHAUSER A
MEETS: JAN 8-MAY 4
SEM SOC PSY SYMBOLOC SOC 525C 3 CREDITS
Prereq: SOC 305 OR PSYCH 280
5246005 A W 5:10-8:00PM  SCHWEINRUBER D
MEETS: JAN 8-MAY 4
STRATEGIC CMNTY SOC 536 3 CREDITS
Prereq: 6 CREDITS IN SOCIOLOGY
8646005 A TR 11:00-12:20  WELLS B
MEETS: JAN 8-MAY 4
SOFTWARE ENGINEERING

SOFTWARE ENGR ORIENT S E 101 R CREDIT
7220005 A W 11:00-11:50 MEETS: JAN 8-MAY 4
7220010 B W 13:00-13:50 MEETS: JAN 8-MAY 4
7220015 C W 14:00-14:50 MEETS: JAN 8-MAY 4

SOFTWARE CARRIERS S E 166 R CREDIT
7290005 A W 14:00-14:50 MEETS: JAN 8-MAY 4
7290010 B W 15:00-15:50 MEETS: JAN 8-MAY 4
7290015 C W 16:00-16:50 MEETS: JAN 8-MAY 4

PROB SOLV SFTWR ENG S E 185 3 CREDITS
Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165
Note: CREDIT MAY BE APPLIED TOWARDS ONE OF THE FOLLOWING COURSES
ENGR 110, STAT 110, ENGR 165, SOFTWIRE 185, E E 185, S E 185, I E 185

SFTWR CNGNSR IN S E 319 3 CREDITS
Prereq: COM S 228
7191005 A MWF 13:00-13:50 MEETS: JAN 8-MAY 4

SOFTWARE PROJECT MGT S E 329 3 CREDITS
Prereq: COM S 310
7377005 A TR 10:00-11:00 MEETS: JAN 8-MAY 4

SFTWR ARCHITC&DESIGN S E 339 3 CREDITS
Prereq: S E 319
7259005 A TR 10:00-11:00 MEETS: JAN 8-MAY 4

PRIN PROGR LANGUAGES S E 342 3 CREDITS
Prereq: EITHER COM S 109, COM S 362, OR COM S 363; ENGL 250 OR ENGL 105
1043000 A TR 12:00-12:50 MEETS: JAN 8-MAY 4
1043100 1 W 11:00-11:50 MEETS: JAN 8-MAY 4
1043105 2 W 12:00-12:50 MEETS: JAN 8-MAY 4

SOFTWARE ENGINEERING (CONTINUED)

FORML MTHDS SFTWR E S E 412 3 CREDITS
Prereq: COM S 230 OR CPR E 310; COM S 311;
7257005 A TR 10:00-10:50 MEETS: JAN 8-MAY 4
7240005 A TR 11:00-11:50 MEETS: JAN 8-MAY 4

SOFTWARE EVOLUI&MAINT S E 416 3 CREDITS
Prereq: COM S 309
7240005 A TR 11:00-11:50 MEETS: JAN 8-MAY 4

LG SC DTA ANLY SFTW S E 419 4 CREDITS
7517005 A TR 12:00-12:50 MEETS: JAN 8-MAY 4
7517010 B TR 13:00-13:50 MEETS: JAN 8-MAY 4

INDEPENDENT STUDY S E 490 VAR. CREDITS
Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGR
Note: SEE DEPT FOR REFERENCE NUMBERS

SPANISH

ACCEL SPANISH REVIEW SPAN 97 0 CREDITS
Prereq: TWO YEARS BUT LESS THAN THREE YEARS OF HIGH-SCHOOL SPANISH
Note: DEVELOPMENTAL SPANISH FEE APPLIES. SEE HTTP://WWW.REGISTRAR.IASTATE.EDU/FEES/ORTHFEE.SHTML
8246005 A MW 10:00-10:50 MEETS: JAN 8-MAY 4
8246010 A MW 11:00-11:50 MEETS: JAN 8-MAY 4

ELEM ELEMTARY SPANISH I SPAN 101 4 CREDITS
6473005 A MWF 10:00-10:50 MEETS: JAN 8-MAY 4

ELEM SPANISH II SPAN 102 4 CREDITS
Prereq: SPAN 101, SPAN 97 OR PLACEMENT BY DEPARTMENTAL EXAM
Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL SPANISH MAY NOT ENROLL IN 102.
6474005 A MWF 10:00-10:50 MEETS: JAN 8-MAY 4
6474010 A MWF 11:00-11:50 MEETS: JAN 8-MAY 4
6474015 A MWF 12:00-12:50 MEETS: JAN 8-MAY 4
6474020 A MWF 13:00-13:50 MEETS: JAN 8-MAY 4

INTERM SPANISH I SPAN 201 4 CREDITS
Prereq: SPAN 201, SPAN 97 OR PLACEMENT BY DEPARTMENTAL EXAM
Note: Meets international perspectives reqmt
6477005 A MWF 10:00-10:50 MEETS: JAN 8-MAY 4

INTERM SPANISH II SPAN 202 4 CREDITS
Prereq: SPAN 201, SPAN 97 OR PLACEMENT BY DEPARTMENTAL EXAM
Note: Meets international perspectives reqmt
6478005 A MWF 10:00-10:50 MEETS: JAN 8-MAY 4
6478010 A MWF 11:00-11:50 MEETS: JAN 8-MAY 4
6478015 A MWF 12:00-12:50 MEETS: JAN 8-MAY 4
6478020 A MWF 13:00-13:50 MEETS: JAN 8-MAY 4

Note: Materials and equipment use fee $25.00
SPANISH (CONTINUED)

CONVERS THRU CULTUR SPAN 303A 3 CREDITS
Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM
Note: Meets international perspectives reqmt
6142005 1 MWF 9:00-9:50
MEETS: JAN 8-MAY 4
6142010 2 MWF 10:00-10:50
MEETS: JAN 8-MAY 4
6142015 3 TR 9:30-10:50
MEETS: JAN 8-MAY 4
6142020 4 TR 11:00-12:20
MEETS: JAN 8-MAY 4

CONVERS FOR PROFSNL SPAN 303B 3 CREDITS
Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM
Note: Meets international perspectives reqmt
6160005 1 TR 12:40-2:00
MEETS: JAN 8-MAY 4

TXUTUAL&MEDIA ANALYS SPAN 314 3 CREDITS
Prereq: SPAN 301
Note: Meets international perspectives reqmt
8894005 1 MWF 1:10-2:00
MEETS: JAN 8-MAY 4

SPANISH CIVILIZATN SPAN 321 3 CREDITS
Prereq: ONE SPAN COURSE AT THE 300 LEVEL
Note: Meets international perspectives reqmt
6483005 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

SPAIN TODAY SPAN 323 3 CREDITS
Prereq: ONE SPAN COURSE AT THE 300 LEVEL
Note: Meets international perspectives reqmt
4047005 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

LATIN AMERICA TODAY SPAN 324 3 CREDITS
Prereq: ONE SPAN COURSE AT THE 300 LEVEL
Note: Meets international perspectives reqmt
4100005 1 TR 9:30-10:50
MEETS: JAN 8-MAY 4

STD L ATIN AMER LIT SPAN 332 3 CREDITS
Prereq: SPAN 314
Note: Meets international perspectives reqmt
6487005 TR 11:00-12:20
MEETS: JAN 8-MAY 4

INTR SPANSH PHONOLG SPAN 352 3 CREDITS
Prereq: SPAN 301, SPAN 303 OR SPAN 304
Note: Meets international perspectives reqmt
3382005 1 MWF 2:10-3:00
MEETS: JAN 8-MAY 4

INTR SPN-ENG INTERP SPAN 354 3 CREDITS
Prereq: SPAN 351
Note: Meets international perspectives reqmt
9273005 1 MWF 9:00-9:50
MEETS: JAN 8-MAY 4

SEM LIT&CULTR SPAIN SPAN 440 3 CREDITS
Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333
(RECOMMEND SPAN 330 & SPAN 331)
Note: Meets international perspectives reqmt
7688005 1 TR 11:00-12:20
MEETS: JAN 8-MAY 4

SEM LIT&CUL LATN AM SPAN 445 3 CREDITS
Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333
(RECOMMEND SPAN 332 & SPAN 333)
Note: Meets international perspectives reqmt
6496005 1 MWF 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC 1 TOPIC: LATIN AMERICAN SCIENCE FICTION

INDEPENDENT STUDY SPAN 490 1-6 CREDITS
Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED TOWARD GRADUATION.
Permission of department chair required.
****** SEE DEPT FOR REFERENCE NUMBERS

SPANISH (CONTINUED)

SPANISH INTERNSHIP SPAN 499 1-3 CREDITS
Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURE INTERNSHIP COORDINATOR
Note: NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR
Department permission required.
7467005 1 TR 11:00-12:20
MEETS: JAN 8-MAY 4

SEM LIT&CULTR SPAN SPAN 540 3 CREDITS
Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT 400 LEVEL
7468005 1 MWF 11:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC 1 TOPIC: LATIN AMERICAN SCIENCE FICTION

SPECIAL EDUCATION

EXCEPTIONAL LEARNER SP ED 250 3 CREDITS
Prereq: C I 204
Note: Meets U.S. diversity reqmt
6452005 1 MWF 9:00-9:50
MEETS: JAN 8-MAY 4

AESS INCLUSV CLSRM SP ED 355 2 CREDITS
Prereq: C I 433, C I 439, C I 468 I
CONCURRENT ENROLLMENT IN SP ED 455
Note: CONCURRENT ENROLLMENT IN C I 433, 439, 468 I, SP ED 455, REGISTER FOR THE SAME SECTION NUMBERS.
4385005 1 M 11:00-11:50
MEETS: JAN 8-MAY 4

TCHG IN INCLUSV SET SP ED 368 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN C I 377, C I 438, C I 468 F, C I 468 G
Note: CONCURRENT ENROLLMENT IN C I 377
4085005 W 2:10-3:25
MEETS: JAN 8-MAY 4

TCH SCRDRY EXCEP GEN SP ED 401 3 CREDITS
5059005 1 TR 11:00-12:15
MEETS: JAN 8-MAY 4

SUPV STUDENT TEACHG SP ED 416 VAR. CREDITS
Prereq: FULL ADMISSION TO TEACHER EDUC. SENIOR CLASSIFICATION, MAJOR IN ELEMENTARY EDUC, SP ED 330, SP ED 334, SP ED 365, SP ED 436, SP ED 439, C I 280 I, C I 452
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM OFFERED FOR 8 CREDITS SPRING 2018
3286005 1A ARRANGED
MEETS: JAN 8-MARCH 2
3286015 1R ARRANGED
MEETS: MARCH 5-MAY 4
3286020 2R ARRANGED
MEETS: MARCH 5-MAY 4

INST MTHD M/MO DSAB SP ED 436 3 CREDITS
Prereq: C I 245, CONCURRENT ENROLLMENT IN SP ED 436
1884005 W 2:10-3:00
MEETS: JAN 8-MAY 4

INSTR MTH INCLU CLSP SP ED 455 2 CREDITS
Prereq: C I 433, C I 439, C I 468 I
CONCURRENT ENROLLMENT IN SP ED 355
6848005 1 W 11:00-11:30
MEETS: JAN 8-MAY 4
SPEECH COMMUNICATION

LISTENING
SP CM 110
3 CREDITS

618005
AM 11:00-12:20
MEETS: JAN 8-MAY 4

FUND PUBLIC SPEAKING
SP CM 212
3 CREDITS

618005
AM 11:00-12:20
MEETS: JAN 8-MAY 4
### SPEECH COMMUNICATION (CONTINUED)

#### FUND PUBLIC SPEAKING
- **SP CM 212** 3 CREDITS
  - Meetings occurring on 1/8, 1/25, 2/6, 2/13.
  - Course delivery is WWM

  **Note:** SEC 43 is a web-blended course with 50% of class taking place online and 50% of class meetings taking place on campus at the time and location this is indicated above. This course will have 16 on campus meetings occurring on 1/8, 1/25, 2/6, 2/13, 2/15, 2/20, 2/22, 3/6, 3/20, 3/27, 3/29, 4/3, 4/5, 4/19, 4/24, 4/26.

#### HONORS PUBLIC SPEAKING
- **SP CM 212H** 3 CREDITS
  - Membership in the University Honors Program
  - Course restricted to University Honors students only.
  - Meetings: Jan 8 - May 4

#### SPECIAL PROJECTS
- **SP CM 290** 1-2 CREDITS
  - Prereq: 3 credits in SP CM
  - Permission of Program Director
  - Note: No credits in SP CM 290 may be applied toward the minimum credits for the major. No credits in SP CM 290 may be applied toward the minor.

#### BUSINESS & PRO SPEAKING
- **SP CM 312** 3 CREDITS
  - Department permission required.

#### PRINCIPLES OF STATISTICS
- **STAT 101** 4 CREDITS
  - Prereq: One and a half years of high school algebra

#### SPECIAL TOPICS
- **SP CM 590** 1-4 CREDITS
  - Prereq: Permission of Program Director
  - 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.

#### PROSEM-TCH FUND SPK
- **SP CM 513** 1 CREDIT
  - Prereq: Permission of Instructor

#### INDEPENDENT STUDY
- **SP CM 490** 1-3 CREDITS
  - Prereq: 18 credits in SP CM, Junior Classification, Permission of Program Director
  - Note: No credits in SP CM 490 may be applied toward the minor.

#### COMMUNIC INTERNSHIP
- **SP CM 499** 1-3 CREDITS
  - Prereq: 18 credits 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

#### GENDER & COMMUNICATION
- **SP CM 592C** 3 CREDITS
  - Core: Pro Commnic SP CM
  - 3 credits applied toward the minor.

#### INDEPENDENT STUDY (CONTINUED)

#### 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.

**COURSES NOT OPEN TO BUSINESS COLLEGE MAJORS.

**COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.

**PRIN OF STATISTICS**
- **STAT 101** 4 CREDITS
  - Prereq: One and a half years of high school 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.

#### SPECIAL TOPICS
- **SP CM 590** 1-4 CREDITS
  - Prereq: Permission of Program Director
  - 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.

#### COMMUNIC INTERNSHIP
- **SP CM 499** 1-3 CREDITS
  - Prereq: 18 credits 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

#### SPECIAL TOPICS
- **SP CM 590** 1-4 CREDITS
  - Prereq: Permission of Program Director
  - 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.

#### COMMUNIC INTERNSHIP
- **SP CM 499** 1-3 CREDITS
  - Prereq: 18 credits 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

#### SPECIAL TOPICS
- **SP CM 590** 1-4 CREDITS
  - Prereq: Permission of Program Director
  - 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.

#### COMMUNIC INTERNSHIP
- **SP CM 499** 1-3 CREDITS
  - Prereq: 18 credits 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

#### SPECIAL TOPICS
- **SP CM 590** 1-4 CREDITS
  - Prereq: Permission of Program Director
  - 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.

#### COMMUNIC INTERNSHIP
- **SP CM 499** 1-3 CREDITS
  - Prereq: 18 credits 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

#### SPECIAL TOPICS
- **SP CM 590** 1-4 CREDITS
  - Prereq: Permission of Program Director
  - 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.

#### COMMUNIC INTERNSHIP
- **SP CM 499** 1-3 CREDITS
  - Prereq: 18 credits 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

#### SPECIAL TOPICS
- **SP CM 590** 1-4 CREDITS
  - Prereq: Permission of Program Director
  - 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.
PRINCIPLES OF STATISTICS (ST 101) 4 CREDITS
Note: Instructor permission required 1st week.
6502065 N MWF 8:00-9:50
T 8:00-9:50
MEETS: JAN 8-MAY 4
Note: Instructor permission required 1st week.
6502070 P MWF 8:00-9:50
W 10:00-11:50
MEETS: JAN 8-MAY 4
Note: Instructor permission required 1st week.

INTRO TO STATISTICS (ST 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 301, STAT 104, STAT 105, STAT 201, STAT 226. COURSE NOT OPEN TO BUS COLLEGE MAJORS.
6503005 A TR 1:10-2:00
F 12:10-2:00
MEETS: JAN 8-MAY 4
6503010 B TR 2:10-3:00
F 2:10-4:00
MEETS: JAN 8-MAY 4
6503015 C TR 8:00-8:50
F 8:00-9:50
MEETS: JAN 8-MAY 4
6503020 D TR 9:00-9:50
F 10:00-11:50
MEETS: JAN 8-MAY 4
6503025 E MW 8:00-8:50
R 12:10-2:00
MEETS: JAN 8-MAY 4
6503030 F MW 9:00-9:50
R 10:00-11:50
MEETS: JAN 8-MAY 4

INTRO TO STAT FOR ENGR (ST 105) 3 CREDITS
Prereq: MATH 165 (OR MATH 165H)
Note: COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS. CREDIT FOR EITHER ST 105 OR ST 305, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226.
6504005 A TR 9:30-10:50
MEETS: JAN 8-MAY 4

INTR STAT CNCPVTMH (ST 201) 4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 165
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226.
4709005 MWF 11:00-12:00
W 2:10-4:00
MEETS: JAN 8-MAY 4

INTR BUSINES STAT I (ST 226) 3 CREDITS
Prereq: MATH 150 OR MATH 165
Note: ON-CAMPUS SEC. RESTRICTED TO ACCT, AG B, BUS S, MIS, MKT, P BUS, SCM MAJORS ONLY. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: ST 226.
3975005 A TR 9:30-10:50
MEETS: JAN 8-MAY 4
3975010 B TR 9:30-10:50
MEETS: JAN 8-MAY 4
3975015 C TR 2:10-3:30
MEETS: JAN 8-MAY 4
3975020 D TR 2:10-3:30
MEETS: JAN 8-MAY 4
3975025 E TR 3:40-5:00
MEETS: JAN 8-MAY 4
3975030 F TR 8:00-9:20
MEETS: JAN 8-MAY 4
3975035 G TR 8:00-9:20
MEETS: JAN 8-MAY 4
3975040 H TR 3:40-5:00
MEETS: JAN 8-MAY 4
3975045 I TR 11:00-12:20
MEETS: JAN 8-MAY 4
3975050 J TR 11:00-12:20
MEETS: JAN 8-MAY 4

PROB&INFERENCE, ENGRS (ST 231) 4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 265
Note: Instructor permission required 1st week.
6507005 A MTRF 8:00-8:50
MEETS: JAN 8-MAY 4
6507010 B MTRF 12:10-1:00
MEETS: JAN 8-MAY 4

INTRO TO STATISTICS (ST 301) 4 CREDITS
Prereq: STAT 101 OR STAT 104 OR STAT 105 OR STAT 201, STAT 226. COURSE NOT OPEN TO BUS COLLEGE MAJORS.
4710005 A TR 11:00-12:20
T 2:10-4:00
MEETS: JAN 8-MAY 4
4710010 B TR 8:00-9:20
R 2:10-4:00
MEETS: JAN 8-MAY 4

ECONOMIC STATISTICS (ST 305) 3 CREDITS
Prereq: MATH 165 (OR MATH 165H)
Note: CREDIT FOR EITHER ST 105 OR ST 305, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. ON-CAMPUS SECTIONS RESTRICTED TO ENGR COLLEGE MAJORS.
6509005 A TR 12:40-2:00
MEETS: JAN 8-MAY 4
6509010 B TR 3:40-5:00
MEETS: JAN 8-MAY 4
6509015 C TR 9:30-10:15
MEETS: JAN 8-MAY 4
6509020 D TR 10:20-11:40
MEETS: JAN 8-MAY 4
6509025 E TR 9:00-10:20
MEETS: JAN 8-MAY 4
6509030 F TR 2:10-3:30
MEETS: JAN 8-MAY 4
6509060 XW ARRANGED
GHO SH A
Note: Section XW is off campus
Course delivery is WWW

PROBABAB&STAT COM SCI (ST 330) 3 CREDITS
Prereq: MATH 166
7372005 A MF 3:10-4:00
MEETS: JAN 8-MAY 4
7372010 B MF 3:10-4:00
MEETS: JAN 8-MAY 4

INTR THE PROBABAB& STAT I (ST 341) 3 CREDITS
Prereq: MATH 265 (OR MATH 265H)
Note: CREDIT FOR EITHER STAT/MATH 341 OR STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
6511005 MF 9:00-10:50
MEETS: JAN 8-MAY 4

STAT QUALITY ASSUR (ST 361) 3 CREDITS
Prereq: STAT 231 OR STAT 401
6513005 A T 3:40-5:30
NORDMAN D
MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO I E & STAT MAJORS ONLY

COOPERATIVE EDUCATION (ST 399) 1 CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR
1530005 ARRANGED
MEETS: JAN 8-MAY 4
Note: SEC A RESTRICTED TO AG COLLEGE AND VET COLLEGE
STATISTICS (CONTINUED)

STAT METH FOR RSRCH STAT 401 4 CREDITS
MAJORS, A E, A B E, BCB, BIOL, BOT S, D EX, D EXH, DIETH, EEB, EOB, EXOS, FS H, FSHNH, GDM, GENET, GENET, HRP, IMB, MBIO, NRC, NS H, NUTR, F PHY, PDEK, PPLB, SUSAC, TOX, ZLNGS
Instructor permission required 1st week.
6514010 B TR 11:00-12:20
F 2:10-4:00
MEETS: JAN 8-MAY 4
Note: SEC B FOR TO POL S, EDUC, HD FS, PSYC, FS SOC, INTERDIS MAJORS
Instructor permission required 1st week.
6514015 C MWF 11:00-1:30
MEETS: JAN 8-MAY 4
Note: SEC C FOR ENGINEERING, PHYSICAL SCIENCES MAJORS
Instructor permission required 1st week.
6514600 XV ARRANGED VARDEN S
Note: Section XV is off campus
Course delivery is WWW
6514605 XW ARRANGED KOEHLER K
Note: Section XW is off campus
Course delivery is WWW
STAT DESIGN&EXPERMT STAT 402 3 CREDITS
Prereq: STAT 301 OR STAT 326 OR STAT 401
5074005 1 TR 12:40-2:00
OR COM S 228, GEN 411, STAT 430
Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
SYSTEMS BIOLOGY STAT 570 3 CREDITS
MEETS: JAN 8-MAY 4
5070005 TR 9:30-10:50
Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
Prereq: STAT 500; STAT 447 OR CREDIT OR ENROLLMENT IN GEN 409
STAT BIOINFORMATICS STAT 568 3 CREDITS
MEETS: JAN 8-MAY 4
9789600 XW ARRANGED VARDEN S
Note: Section XW is off campus
Course delivery is WWW
APP MOD MLTVRT LRNG STAT 502 3 CREDITS
MEETS: JAN 8-MAY 4
9789005 MW 4:10-6:00
Prereq: STAT 500, STAT 542, STAT 579
APP MOD MLTVRT LRNG STAT 542 3 CREDITS
MEETS: JAN 8-MAY 4
9789005 MW 4:10-6:00
Prereq: STAT 500, STAT 542, STAT 579
APP MOD MLTVRT LRNG STAT 547 3 CREDITS
MEETS: JAN 8-MAY 4
Prereq: STAT 543
BAYESIAN STATISTICS STAT 544 3 CREDITS
MEETS: JAN 8-MAY 4
Prereq: STAT 542
THRY PROBAB&STAT II STAT 543 3 CREDITS
MEETS: JAN 8-MAY 4
Prereq: STAT 542
ST MTH SPATIAL DATA STAT 546 3 CREDITS
MEETS: JAN 8-MAY 4
Prereq: STAT 447 OR STAT 542
STAT DESIGN&EXPERMT STAT 547 3 CREDITS
MEETS: JAN 8-MAY 4
Prereq: STAT 543
ST MTH SPATIAL DATA STAT 548 3 CREDITS
MEETS: JAN 8-MAY 4
Prereq: STAT 301 OR STAT 326 OR STAT 401
THRY PROBAB&STAT II STAT 549 3 CREDITS
MEETS: JAN 8-MAY 4
Prereq: STAT 542
INDEPENDENT STUDY STAT 490 3 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
INDEPENDENT STUDY STAT 490 3 CREDITS
Prereq: 10 CREDITS IN STATISTICS
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 MTHD STAT 501 3 CREDITS
Prereq: STAT 500 OR STAT 440; STAT 447 OR STAT 542; STAT 579 OR EQUIVALENT; KNOWLEDGE OF MATRIX ALGEBRA
6530005 1 TR 9:30-10:50
MEETS: JAN 8-MAY 4
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
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
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
SUPPLY CHAIN MANAGEMENT (CONTINUED)

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
1629025 C1 MWF 2:10-3:00 MEETS: JAN 8-MAY 4
1629030 C2 MWF 2:10-3:00 MEETS: JAN 8-MAY 4
1629035 D1 MWF 10:00-10:50 MEETS: JAN 8-MAY 4
1629040 D2 MWF 10:00-10:50 MEETS: JAN 8-MAY 4
1629045 E1 MWF 1:10-2:00 MEETS: JAN 8-MAY 4
1629050 E2 MWF 1:10-2:00 MEETS: JAN 8-MAY 4
1629055 F1 TR 12:40-2:00 MEETS: JAN 8-MAY 4
1629060 F2 TR 12:40-2:00 MEETS: JAN 8-MAY 4
1629065 G1 W 6:40-9:25PM MEETS: JAN 8-MAY 4
1629070 G2 W 6:40-9:25PM MEETS: JAN 8-MAY 4
1629075 J1 M 6:40-9:25PM MEETS: JAN 8-MAY 4
1629080 J2 M 6:40-9:25PM MEETS: JAN 8-MAY 4
1629085 K1 MF 11:00-11:50 MEETS: JAN 8-MAY 4
1629090 K2 MF 11:00-11:50 MEETS: JAN 8-MAY 4
1629095 L1 TR 3:40-5:00 MEETS: JAN 8-MAY 4
1629100 L2 TR 3:40-5:00 MEETS: JAN 8-MAY 4
1629105 M1 T 2:10-3:25 ARRANGED MEETS: JAN 8-MAY 4
1629110 M2 T 2:10-3:25 ARRANGED MEETS: JAN 8-MAY 4
1629115 N1 R 2:10-3:25 ARRANGED MEETS: JAN 8-MAY 4
1629120 N2 R 2:10-3:25 ARRANGED MEETS: JAN 8-MAY 4
1629125 N3 R 2:10-3:25 ARRANGED MEETS: JAN 8-MAY 4
7426005 A1 TR 12:40-1:55 MEETS: JAN 8-MAY 4
7426010 A2 TR 12:40-1:55 MEETS: JAN 8-MAY 4
7426015 B1 TR 3:40-4:55 MEETS: JAN 8-MAY 4
7426020 B2 TR 3:40-4:55 MEETS: JAN 8-MAY 4
7426025 C1 TR 5:10-6:25PM MEETS: JAN 8-MAY 4
7426030 C2 TR 5:10-6:25PM MEETS: JAN 8-MAY 4
5287005 A TR 2:10-3:25 MEETS: JAN 8-MAY 4
5287010 B TR 5:10-6:25PM MEETS: JAN 8-MAY 4
5287015 C TR 12:40-2:00 MEETS: JAN 8-MAY 4
PROCESS IMPROVEMENT SCM 434X 3 CREDITS
Prereq: SCM 301
Note: COURSE RESTRICTED TO ACCTM BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRADS ONLY.
9925005 A TR 3:40-4:55 MEETS: JAN 8-MAY 4
SPLY CHN PLAN&CTLRC SCM 453 3 CREDITS
Prereq: SCM 301
Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS MAJORS EXCEPT P BUS. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.
4729005 A TR 12:40-2:00 MEETS: JAN 8-MAY 4
4729010 B TR 3:40-5:00 MEETS: JAN 8-MAY 4
4729015 C MF 3:10-4:00 MEETS: JAN 8-MAY 4
DECISION TOOLS LOG&OP SCM 460 3 CREDITS
Prereq: SCM 301
Note: COURSE RESTRICTED TO SCM MAJORS ONLY
6790005 A1 MF 8:00-8:50 MEETS: JAN 8-MAY 4
6790010 A2 MF 8:00-8:50 MEETS: JAN 8-MAY 4
SUPPLY CHAIN MANAGEMENT (CONTINUED)

DECISION TOOLS LOG & OP SCM 460 3 CREDITS
Prereq: SCM 301
Note: Not open to P Bus Majors

6790015 B MWF 9:00-9:50 MEETS: JAN 8-APRIL 5
6790020 B MWF 9:00-9:50 MEETS: JAN 8-APRIL 5
6790025 C1 TR 9:30-10:45 MEETS: JAN 8-APRIL 5
6790030 C2 TR 9:30-10:45 MEETS: JAN 8-APRIL 5

PRIN TRANSPORTATION SCM 461 3 CREDITS
Prereq: SCM 301
Note: Course not open to P Bus Majors

6791005 A1 MWF 9:00-9:50 MEETS: JAN 8-APRIL 5
6791010 A2 MWF 9:00-9:50 MEETS: JAN 8-APRIL 5
6791015 B MWF 9:00-9:50 MEETS: JAN 8-APRIL 5
6791020 B1 MWF 9:00-9:50 MEETS: JAN 8-APRIL 5
6791025 C1 MWF 12:10-1:00 MEETS: JAN 8-APRIL 5
6791030 C2 MWF 12:10-1:00 MEETS: JAN 8-APRIL 5

PRIN PURCHASING & SUPPLY MGT SCM 486 3 CREDITS
Prereq: SCM 301
Note: Course not open to P Bus Majors

4788005 A MWF 9:00-9:50, ARRANGED MEETS: JAN 8-APRIL 5
Note: Sec A is a hybrid class that will meet Monday & Wednesday in Classroom with the remaining of the course content delivered online.

4788010 B M 3:10-4:00, ARRANGED MEETS: JAN 8-APRIL 5
Note: Sec B is a hybrid class that will meet Monday & Wednesday in Classroom with the remaining of the course content delivered online.

4788015 C M 6:40-8:20PM ARRANGED MEETS: JAN 8-APRIL 5
Note: Sec C is a hybrid class that will meet Monday in Classroom with the remaining of the course content delivered online.

INDEPENDENT STUDY SCM 490 1-3 CREDITS
Prereq: SCM 301, Senior Classification, Instructor Permission
Note: Course not open to P Bus Majors
Department permission required.

CASE PRACTICUM SCM 495 3 CREDITS
Prereq: SCM 301

4577005 A M 5:10-6:25PM ARRANGED MEETS: JAN 8-MAY 4

SUPPLY CHAIN MGMT SCM 501 3 CREDITS
Prereq: Enrollment in MBA Program or Departmental Permission

9391005 A TR 7:30-10:50 MEETS: MARCH 20-APRIL 5

PURCHASING & SUPPLY MGT SCM 563 3 CREDITS
Prereq: SCM 501 or permission of Instructor
Note: Restricted to Business College Graduate Students

7251005 A M 6:40-10:00PM MONTABON P MEETS: JAN 8-APRIL 2

SPECIAL TOPICS SCM 590 1-3 CREDITS
Prereq: Grad Classification, Instructor Permission

6790020 A TR 9:30-10:45 MEETS: JAN 8-APRIL 5

DISCUSSION SCM 601 9 CREDITS
Prereq: SCM 601 or Concurrent Enrollment
Note: Restricted to Business College Graduate Students

8039005 A M 11:00-1:00 MEETS: JAN 8-APRIL 5

DISSERTATION SCM 699 12 CREDITS
Prereq: Graduate Classification, Permission of dissertation supervisor
Note: Course not open to P Bus Majors

SUSTAINABLE AGRICULTURE

STRATEGIC AGRICULTURE SUSAG 546 3 CREDITS
Prereq: SUSAG 559

7427005 ARANGED MEETS: JAN 8-MAY 4

AGROFORESTRY SYSTEMS SUSAG 571 3 CREDITS
Prereq: 6 CR in Biol Sci at 300-Level or above
Note: Meets international perspectives reqmt

5077005 TR 8:00-8:50 ROUSSELT A
M 1:10-4:00 ROUSSELT A MEETS: JAN 8-MAY 4

SPECIAL TOPICS SUSAG 590 1-3 CREDITS
Prereq: Grad Classification, Instructor Permission

CREATIVE COMPONENT SUSAG 599 3 CREDITS
Note: See Dept for Reference Numbers

SUSTAINAG BC COLLOQ SUSAG 600 1 CREDIT
5035005 M 3:10-5:00 MEETS: JAN 8-MAY 4
Section info: https://susag.iastate.edu/colloquium

RESEARCH SUSAG 699 3 CREDITS
Note: See Dept for Reference Numbers

SUSTAINABLE ENVIRONMENTS

SUSTAINABLE DESIGN STUDIO I SUS E 501 5 CREDITS
Prereq: SUS E 521

3009005 W 11:00-1:20 MEETS: JAN 8-MAY 4

SUSTAINABLE DESIGN STUDIO II SUS E 512 1 CREDIT
Prereq: SUS E 511

3625005 M 6:10-8:00PM WAGNER M MEETS: JAN 8-MAY 4

HUMAN DIMENSIONS SUSNL SUS E 531 3 CREDITS
Prereq: Graduate Standing or Senior Classification with Instructor Permission

3820005 T 5:10-7:40PM WAGNER M MEETS: JAN 8-MAY 4

MTHDS SUSTAINABLE DESIGN SUS E 540 3 CREDITS
Prereq: Senior or Graduate Standing

4055005 F 8:00-10:40 WHEELER A MEETS: JAN 8-MAY 4

TECHNOLOGY & SOCIAL CHANGE

GLOBAL SUSTAINABILITY T SC 220 3 CREDITS
Note: T SC/ANTHR/ENV S/GLOBE/M/E/SOC 220
May not be applied as technical elective credit toward any Engineering College Degree

3640005 1 MFN 11:00-11:50 HALLAM A MEETS: JAN 8-MAY 4

WORLD FOOD ISSUES T SC 342 3 CREDITS
Prereq: Junior Classification
Note: Meets international perspectives reqmt

5256005 1 TR 11:00-12:20 MEETS: JAN 8-MAY 4
5256010 2 TR 11:00-11:50 MEETS: JAN 8-MAY 4
Note: Sec. 2 Restricted Agron, CS A, CS H, DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA 4 PDEXA Majors Only.

5256015 3 TR 2:10-3:30 MEETS: JAN 8-MAY 4
5256020 4 MWF 1:10-2:00 MEETS: JAN 8-MAY 4
5256025 5 TR 12:40-2:00 MEETS: JAN 8-MAY 4

PHIL OF TECHNOLOGY T SC 343 3 CREDITS
Prereq: 6 Credits of Social Science, or T SC 341 and 3 Credits of Social Science

5211005 A MF 12:10-1:00 MEETS: JAN 8-MAY 4
5211010 B MF 10:00-10:50 MEETS: JAN 8-MAY 4

5211015 C TR 9:30-10:50 SMITH T MEETS: JAN 8-MAY 4
SPRING 2018

TECHNOLOGY SYSTEMS MANAGEMENT

EXPERCING TECHNOLOG TSM 111 1 CREDIT
Prereq: AST AND I TEC MAJORS ONLY OR PERMISSION
8507005 A M 2:10-4:00
MEETS: JAN 8-MARCH 2
8507010 B M 2:10-4:00
MEETS: MARCH 5-MAY 4
8507015 C W 2:10-4:00
MEETS: JAN 8-MARCH 2
8507020 D W 2:10-4:00
MEETS: MARCH 5-MAY 4

SOLV TECHNOL PROBLM TSM 115 3 CREDITS
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN MATH 140 OR HIGHER
1358005 A MW 10:00-11:50
MEETS: JAN 8-MAY 4
Note: SEC A FOR MAJORS OTHER THAN AST, I TEC
1358010 B TR 3:40-5:40
MEETS: JAN 8-MAY 4
Note: SEC B RESTRICTED TO AST, I TEC MAJORS ONLY.

INTR DSGN IN TCNOL TSM 116 3 CREDITS
4496005 A TR 10:00-11:50
MEETS: JAN 8-MAY 4

SMRN:PREP FOR WRKPL TSM 201 1 CREDIT
Prereq: SOPH CLASSIFICATION IN A E, AST, BSE, OR I TEC
1384005 A MW 4:10-5:00
MEETS: JAN 8-MARCH 2

FUND OF TECHNOLOGY TSM 210 3 CREDITS
Prereq: TSM 115 OR EQUIVALENT, MATH 140 OR HIGHER
1359005 A2 MW 9:00-9:50
MEETS: JAN 8-MAY 4
Note: SEC A1 RESTRICTED TO A B E, AND I TEC MAJORS
1359010 A2 MW 9:00-9:50
MEETS: JAN 8-MAY 4
Note: SEC A2 FOR MAJORS OTHER THAN A B E, AST OR I TEC
MANAGING TECNL PROJ TSM 214 1 CREDIT
Prereq: TSM 201 OR A B E 201; SOPHMORE CLASSIFICATION IN A E, AST, BSE, OR I TEC
4057000 A MW 4:10-5:00
MEETS: MARCH 5-MAY 4

ADV TECH GRAPHICS CAD TSM 216 2 CREDITS
Prereq: TSM 116
4504005 A TR 8:00-9:30
MEETS: JAN 8-MAY 4
4504010 B TR 12:40-2:00
MEETS: JAN 8-MAY 4

INTRO MANUFACT PROC TSM 240 3 CREDITS
6601005 A M 2:10-3:00
WF 9:00-10:50
MEETS: JAN 8-MAY 4
6601010 B M 2:10-3:00
WF 12:10-2:00
MEETS: JAN 8-MAY 4
6601015 C M 2:10-3:00
TR 9:00-10:50
MEETS: JAN 8-MAY 4
6601020 D M 2:10-3:00
TR 12:10-1:00
MEETS: JAN 8-MAY 4

TOTAL QUAL IMPROVT TSM 310 3 CREDITS
Prereq: STAT 101 OR STAT 104, JR CLASSIFICATION
9202005 A1 TR 3:40-5:10
MEETS: JAN 8-MAY 4
Note: SEC A1 RESTRICTED TO AST, I TEC MAJORS ONLY
9202010 A2 TR 3:40-5:10
MEETS: JAN 8-MAY 4
Note: SEC A2 FOR MAJORS OTHER THAN AST, I TEC

PRESRV GRAIN QUALTY TSM 322 2 CREDITS
Prereq: MATH 140 OR HIGHER
1352005 A1 TR 11:00-1:30
MEETS: JAN 8-MAY 4
Note: SEC A1 RESTRICTED TO AST, I TEC MAJORS ONLY
1352010 A2 TR 11:00-1:30
MEETS: JAN 8-MAY 4
Note: SEC A2 FOR MAJORS OTHER THAN AST, I TEC

PRESRV QUALITY GRAIN TSM 322L 1 CREDIT
Prereq: CREDIT ON ENROLLMENT IN TSM 322L
5581005 A T 12:10-3:00
MEETS: JAN 8-MAY 4
5581010 B W 12:10-3:00
MEETS: JAN 8-MAY 4
5581015 C W 1:10-6:00PM
MEETS: JAN 8-MAY 4

SOIL & WTR CONSRV MGT TSM 324 3 CREDITS
Prereq: MATH 140 OR MATH 151
1345005 A W 8:00-9:50
T 12:10-1:30
MEETS: JAN 8-MAY 4
AG MACHNRY & PWR MGT TSM 330 3 CREDITS
Prereq: TSM 210 OR MATH 145 OR MATH 151
Note: COURSE RESTRICTED TO AST, I TEC MAJORS
MINORS MAY REQUEST A SIGNATURE TO ADD
1347005 A W 10:00-11:50
W 3:10-5:00
MEETS: JAN 8-MAY 4
1347010 B W 10:00-11:50
F 10:00-11:50
MEETS: JAN 8-MAY 4
1347015 C W 10:00-11:50
W 1:10-3:00
MEETS: JAN 8-MAY 4

FLUID PWR SYST CNCL TSM 337 3 CREDITS
Prereq: TSM 270, TSM 240, MATH 151
3335005 A MN 11:00-1:30
T 9:00-10:50
MEETS: JAN 8-MAY 4
3335010 B MN 11:00-1:30
T 12:10-2:30
MEETS: JAN 8-MAY 4
3335015 C MN 11:00-1:30
R 12:10-2:00
MEETS: JAN 8-MAY 4
3335020 D MN 11:00-1:30
F 12:10-2:00
MEETS: JAN 8-MAY 4

ADV AUTMA MPG PROC TSM 340 3 CREDITS
Prereq: TSM 216, TSM 240, MATH 151
4522005 A MN 11:00-1:30
R 1:10-3:00
MEETS: JAN 8-MAY 4
4522010 B MN 11:00-1:30
R 8:00-9:50
MEETS: JAN 8-MAY 4
4522015 C MN 9:00-1:30
R 8:00-11:50
MEETS: JAN 8-MAY 4
4522020 D MN 9:00-1:30
F 8:00-9:50
MEETS: JAN 8-MAY 4
4522025 E MN 9:00-1:30
W 2:10-4:00
MEETS: JAN 8-MAY 4

ELECTR FOR AG&INDUS TSM 363 4 CREDITS
Prereq: TSM 210
6831005 A TR 8:00-9:30
MEETS: JAN 8-MAY 4
Note: COURSE RESTRICTED TO A E, AST, BSE & I TEC MAJORS ONLY
6831010 B TR 8:00-9:30
MEETS: JAN 8-MAY 4
6831015 C TR 8:00-9:30
MEETS: JAN 8-MAY 4
6831020 D TR 8:00-9:30
MEETS: JAN 8-MAY 4
6831025 E TR 8:00-9:30
W 2:10-4:00
MEETS: JAN 8-MAY 4

AG MACHNRY & PWR MGT TSM 330 2 CREDITS
Prereq: MATH 140 OR MATH 151
7282005 A TR 3:10-5:00
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW

OCCUPATIONAL SAFETY TSM 370 3 CREDITS
Prereq: TSM 270, JUNIOR STANDING
7282005 A TR 3:10-5:00
MEETS: JAN 8-MAY 4
Note: Course delivery is WWW

TECHNOLOGY INTERNSHIP TSM 397 R CREDIT
Prereq: AT LEAST 45 CREDITS OF COURSEWORK
CLASSIFICATION IN AST OR I TEC MAJOR, APPROVAL OF INTERNSHIP COORDINATOR
** SEE DEPT FOR REFERENCE NUMBERS
WORK EXPERC 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
THEATRE

INTR PERFORMING ARTS THTR 106 3 CREDITS
6729005 A MWF 11:00-12:15 MEETS: JAN 8-MAY 4
6729010 B MWF 11:00-12:15 MEETS: JAN 8-MAY 4
6730005 C MWF 11:00-12:15 MEETS: JAN 8-MAY 4

THEATRE AND SOCIETY THTR 110 3 CREDITS
1103005 TR 1:10-2:00 MEETS: JAN 8-MAY 4

CONCERT & THEATRE DANCE THTR 224 .5 - 2 CREDITS
Prereq: BY AUDITION ONLY
Note: Instructor permission required 1st week. Satisfactory-Fail Only.
6731005 1 ARRANGED BAKER J MEETS: JAN 8-MAY 4
Note: SEC 1 OFFERED FOR .5 CREDIT ONLY
6731010 2 ARRANGED BAKER J MEETS: JAN 8-MAY 4
Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
6731015 3 ARRANGED BAKER J MEETS: JAN 8-MAY 4
Note: SEC 3 OFFERED FOR 2 CREDITS ONLY

THEATRE PRACTICUM THTR 250 1 - 2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
6732005 A M 5:10-6:00 PM ARRANGED MEETS: JAN 8-MAY 4

ACTING I THTR 251 3 CREDITS
6733005 A MWF 11:00-12:15 MEETS: JAN 8-MAY 4
Note: SEC A FOR MAJORS OTHER THAN EL ED
6733010 B TR 11:00-12:15 MEETS: JAN 8-MAY 4
Note: SEC B FOR MAJORS OTHER THAN EL ED
6733015 C MWF 11:00-12:15 MEETS: JAN 8-MAY 4
Note: SEC C FOR MAJORS OTHER THAN EL ED
6733020 D MWF 11:00-12:15 MEETS: JAN 8-MAY 4
Note: SEC D FOR MAJORS OTHER THAN EL ED
6733025 E TR 11:00-12:15 MEETS: JAN 8-MAY 4
Note: SEC E RESTRICTED TO EL ED MAJORS ONLY
6733030 F MWF 10:00-11:15 MEETS: JAN 8-MAY 4
Note: SEC F RESTRICTED TO EL ED MAJORS ONLY
6733035 G MWF 9:00-10:15 MEETS: JAN 8-MAY 4
Note: SEC G RESTRICTED TO EL ED MAJORS ONLY

INTR THEATRICAL PROD THTR 255 4 CREDITS
6734005 A MWF 1:10-2:00 MEETS: JAN 8-MAY 4
W 2:10-5:00 MEETS: JAN 8-MAY 4
6734010 B MWF 1:10-2:00 MEETS: JAN 8-MAY 4
6734015 C MWF 1:10-2:00 R 2:10-5:00 MEETS: JAN 8-MAY 4
6734020 D MWF 1:10-2:00 P 2:10-5:00 MEETS: JAN 8-MAY 4

SCRIPT ANALYSIS THTR 263 3 CREDITS
6763005 TR 9:30-10:50 MEETS: JAN 8-MAY 4

SPECIAL PROJECTS THTR 290 1 - 3 CREDITS
Prereq: 3 CREDITS IN THEATRE; PERMISSION OF INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL
Note: Instructor permission required. ******** SEE DEPT FOR REFERENCE NUMBERS

ACTING II THTR 351 3 CREDITS
Prereq: THTR 251, DANCE 120 RECOMMENDED
6737005 A MWF 11:00-12:15 MEETS: JAN 8-MAY 4
6737010 B TR 9:30-10:50 MEETS: JAN 8-MAY 4

MUSICAL THEATRE II THTR 355 3 CREDITS
Prereq: THTR 354
3132005 TR 2:10-3:30, ARRANGED MEETS: JAN 8-MAY 4
### TRANSPORTATION

<table>
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<tr>
<th>Course Code</th>
<th>Hours</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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<tr>
<td>1956005</td>
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<td>6787005</td>
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### U.S. LATINO/A STUDIES

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<tr>
<th>Course Code</th>
<th>Hours</th>
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<tr>
<td>2890005</td>
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<td>5252005</td>
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### INDEPENDENT STUDY

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<th>Instructor</th>
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### UNIVERSITY STUDIES (CONTINUED)

#### FIRST-YR SEM II/MVP

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<th>Instructor</th>
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#### FIRST-YR SEM II:SCI

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<th>Instructor</th>
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#### PERSONAL CAREER DEV

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<th>Instructor</th>
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#### CARVER FRESHMAN SEMN

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<th>Instructor</th>
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#### INT'L FIRST YR SMNR

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<th>Instructor</th>
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#### CALM LIFE SKILL SEM

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<th>Course Code</th>
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#### LEADERS SMNR I: HIXS

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#### CARVER AIDE ADVISER

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<th>Instructor</th>
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#### MCNAIR SR SEMNAR II

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### UNIVERSITY STUDIES (CONTINUED)

#### CURRICULUM TOPICS

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<th>Course Code</th>
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#### RESEARCH

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#### RESEARCH

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#### TOXICOLOGY

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<th>Instructor</th>
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**Note:** Meets U.S. diversity reqmt

**Note:** No more than 3 credits in US LS 490 may be applied towards the U.S. LATINO/A STUDIES certificate.

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**TOXICITY**

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<th>Course Code</th>
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**Note:** Meets international perspectives reqmt
VET DIAGNOSTIC & PRODUCTION AN MED

SPANISH FOR VETERINR VDPAM 308 2 CREDITS
Prereq: CLASSIFICATION IN VETERINARY MEDICINE,
BASIC KNOWLEDGE OF SPANISH
Note: COURSE RESTRICTED TO V M AND VM NE MAJORS ONLY
9308005 W 3:10-4:00, ARRANGED
MEETS: JAN 8-MAY 4

INTR PROD INFRTMC S VDPAM 309 1 CREDIT
Prereq: 2ND OR 3RD YEAR CLASSIFICATION IN
VETERINARY MEDICINE OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO COLLEGE OF V MED
SOPHOMORES AND JUNIORS
8463005 W 1:10-3:00
MEETS: JAN 8-MAY 4

INTRO ANIL WELFARE VDPAM 312 1 CREDIT
Prereq: 1ST YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO COLLEGE OF V MED
STUDENTS ONLY
1665005 F 9:00-9:50

CLINICAL FOUNDATNS VDPAM 340 1 CREDIT
Prereq: CLASSIFICATION IN VETERINARY MEDICINE
4872005 ARRANGED
MEETS: JAN 8-MAY 4

BOVIN EMBRYO TRANSFR VDPAM 350 2 CREDITS
Prereq: 2ND OR 3RD YEAR CLASSIFICATION IN
VETERINARY MEDICINE OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO COLLEGE OF V MED
SOPHOMORES AND JUNIORS
9301005 W 11:00-2:00
MEETS: JAN 8-MAY 4

ADV DAIRY INFRTMCS VDPAM 402A 2 CREDITS
Prereq: VDPAM 309 OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO V M AND VM NE MAJORS
2547005 ARRANGED

ADV DY INF EXPRC I VDPAM 402B 2 CREDITS
Prereq: VDPAM 402A
Note: COURSE RESTRICTED TO V M AND VM NE MAJORS
4987005 ARRANGED

ADV DY INF EXPRC II VDPAM 402C 2 CREDITS
Prereq: VDPAM 402A, VDPAM 402B
Note: COURSE RESTRICTED TO V M AND VM NE MAJORS
5133005 ARRANGED

ADV DY INF NP III VDPAM 402D 2 CREDITS
Prereq: VDPAM 402A, VDPAM 402B, VDPAM 402C
Note: COURSE RESTRICTED TO V M AND VM NE MAJORS
5162005 ARRANGED

CLINCL DECISN MKNG VDPAM 407 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
5440005 ARRANGED
MEETS: JAN 8-MAY 4

POULTRY DISEASES VDPAM 408 2 CREDITS
Prereq: 2ND OR 3RD YEAR CLASSIFICATION IN
VETERINARY MEDICINE OR PERMISSION OF INSTRUCTOR
5607005 ARRANGED
MEETS: JAN 8-MAY 4

VET PRAC ENTREPRENR VDPAM 414 2- 3 CREDITS
7216005 TR 12:10-1:00
MEETS: JAN 8-MAY 4

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

BOVIN REPROD EV LAB VDPAM 416 1 CREDIT
Prereq: 3RD YEAR CLASSIFICATION IN V MED,
- 10 STUDENTS PER SECTION.
5110005 A M 1:10-5:00
MEETS: JAN 8-MARCH 2
5110010 B F 1:10-5:00
MEETS: JAN 8-MARCH 2
5110015 C M 1:10-5:00
MEETS: MARCH 5-MAY 4
5110020 D F 1:10-5:00
MEETS: MARCH 5-MAY 4

PRECPT:MIXD FD AN MED VDPAM 420A 1- 6 CREDITS
Prereq: 4TH YEAR CLASSIFICATION IN V MED,
Note: COURSE RESTRICTED TO V M AND VM NE MAJORS
9072005 ARRANGED

PRECPT PRD AN MD:MIXD VDPAM 420B 1- 6 CREDITS
Prereq: 4TH YEAR CLASSIFICATION IN V MED.
Note: COURSE RESTRICTED TO V M AND VM NE MAJORS
5207005 ARRANGED

PRECPT PRD AN MD:POU VDPAM 420P 1- 6 CREDITS
Prereq: 4TH YEAR CLASSIFICATION IN V MED,
Note: NO MORE THAN 6 CREDITS IN VDPAM 420P MAY BE
APPLIED TOWARDS GRADUATION
9110001 ARRANGED

GPVEC: CALVING VDPAM 421A 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
4419005 ARRANGED

GPVEC: BULL BREEDNG VDPAM 421B 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
4417005 ARRANGED

GPVEC: FEEDLOT MGT VDPAM 421D 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
4423005 ARRANGED

GPVEC: LAMING VDPAM 421J 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
4484005 ARRANGED

GPVEC: EQUI DENTIST VDPAM 421K 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
4520005 ARRANGED

GPVEC: WINE HUSBDRY VDPAM 421Q 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
9792005 ARRANGED

BEEF CATTLE CALVING VDPAM 422 2 CREDITS
Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATION IN VET MED
4594005 ARRANGED

VET TOXICOLOGY VDPAM 426 3 CREDITS
Prereq: 3RD YEAR CLASSIFICATION IN V MED
6860005 MTR 11:00-11:50
MEETS: JAN 8-MAY 4

PRIN OF EPIDEMIOLGY VDPAM 428 3 CREDITS
5490005 ARRANGED
MEETS: JAN 8-MAY 4

BF RECORDS:HEED MGT VDPAM 436B 1 CREDIT
Prereq: VDPAM 436A, 1ST, 2ND OR 3RD YEAR CLASSIF
IN VET MED OR PERMISSION OF INSTRUCTOR
5223005 1 ARRANGED
MEETS: JAN 8-MAY 4

PRCPRD: FEEDLT MGT VDPAM 436D 1 CREDIT
Prereq: VDPAM 436A, VDPAM 436B, VDPAM 436C;
2ND OR 3RD YEAR CLASSIF IN VET MED OR PERMISSION
OF INSTRUCTOR
5280005 ARRANGED
MEETS: JAN 8-MAY 4

PROD ANM CLINCL MED VDPAM 445 3 CREDITS
Prereq: 3RD-YEAR CLASSIFICATION IN V MED
6865005 MFN 9:00-9:50
MEETS: JAN 8-MAY 4
VETERINARY CLINICAL SCIENCES

VET IN SOCIETY V  V C S 315  1 CREDIT
Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
7785005   1 RF 8:00-5:00
MEETS: JAN 8-MAKE 4

RESEARCH
VET IN SOCIETY V  V C S 315  1 CREDIT
Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
7785005   1 RF 8:00-5:00
MEETS: JAN 8-MAKE 4
VETERINARY CLINICAL SCIENCES (CONTINUED)

GRAND ROUNDS  V C S 385  R CREDIT
Prereq: CLASSIFICATION IN VETERINARY MEDICINE
Satisfactory-Fail Only.
7446005  F 8:00-8:50

SURGERY PRINCIP LAB  V C S 394  1 CREDIT
Prereq: 2ND YR CLASSIFICATION IN VET MED
3831005  1 W 1:10-5:00
3831010  2 W 3:10-5:00

SMALL ANIML SURGERY  V C S 395  2 CREDITS
Prereq: 394
3873005  TR 8:00-8:50

EQUINE SURGERY  V C S 396  2 CREDITS
Prereq: 394
3899005  T 8:00-9:50

ANESTHESIOLOGY  V C S 398  2 CREDITS
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
3472005  M 9:00-9:50
MEETS: JAN 8-MAY 4

OPHTHALMOLOGY  V C S 399  1 CREDIT
Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
3476005  F 11:00-11:50

EMERGENCY CARE TOPCS  V C S 404X  2 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
9106005  ARRANGED
MEETS: JAN 8-MAY 4

PET BIRD&AQUATIC SPEC  V C S 405  2 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO COLLEGE OF VET MED Jr.
6874005  R 2:10-5:00
MEETS: JAN 8-MAY 4

ONCOLOGY  V C S 409  2- 4 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE OFFERED FOR 2 CREDITS SPRING 2018
9213005  MTWRFS 8:00-5:00

COMPANION AN NUTRITION  V C S 414  1 CREDIT
Prereq: THIRD OR FOURTH-YR CLASSIFICATION IN V MED
ARRANGED
MEETS: JAN 8-MARCH 2

PRECEPTOR COMPAN, EQ  V C S 419  2- 6 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE
1664005  ARRANGED
Note: Permission of instructor required. Process
Approved add slip in 2270A Vet Med.

PRACTICUM  V C S 420  R CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED,
PERMISSION OF INSTRUCTOR
4548005  ARRANGED
MEETS: JAN 8-MAY 4

BLANK PK ZOO ROTATN  V C S 422  4 CREDITS
Prereq: V C S 405, FOURTH-YEAR CLASSIFICATION IN V MED,
PERMISSION OF INSTRUCTOR
1166005  MTWRFS 8:00-5:00

SM ANIML SHELTER MED  V C S 437  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
7944005  MTWRFS 8:00-5:00
MEETS: JAN 8-MAY 4

INTRO TO CLINICS  V C S 440  R CREDIT
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
Note: MUST BE CONCURRENTLY ENROLLED IN SAME SECTION
LETTER OF V C S 440, 449
Instructor permission required 1st week.
6880005  ARRANGED

CANINE REHABILITATION  V C S 441  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
Note: COURSE OFFERED FOR 2 CREDITS SPRING 2018
9232005  MTWRFS 8:00-5:00

EQUINE LAMENESS  V C S 443  2 CREDITS
Prereq: 2ND OR 3RD YR CLASSIFICATION IN VET MED
6882005  R 1:10-5:00, ARRANGED
MEETS: JAN 8-MARCH 2

CLINICAL NEUROLOGY  V C S 446  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
5112005  MTWRFS 8:00-5:00

DIAGNO IMAG&DIAGNO  V C S 448  3 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
6886005  1 TR 10:00-10:50
6886010  2 TR 10:00-10:50
T 3:10-5:00

VETERINARY CLINICAL SCIENCES (CONTINUED)

ADV SURG NEU H SOCIETY  V C S 451A  2 CREDITS
Prereq: 449
5369005  1 W 11:00-11:50
M 1:10-5:00
MEETS: MARCH 5-MAY 4

ADV TRADIT SURG LAB  V C S 451B  2 CREDITS
7005005  1 W 11:00-11:50
M 1:10-5:00
MEETS: JAN 8-MARCH 2
7005010  2 W 11:00-11:50
M 1:10-5:00
MEETS: JAN 8-MARCH 2
7005015  3 W 11:00-11:50
F 1:10-5:00
MEETS: MARCH 5-MAY 4
7005020  4 W 11:00-11:50
F 1:10-5:00
MEETS: MARCH 5-MAY 4

CLINICAL DERMATOLOGY  V C S 452  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE.
MUST HAVE INSTRUCTOR PERMISSION TO REPEAT
1931005  MTWRFS 8:00-5:00

SM ALLIMAL MED I  V C S 453  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6890005  MTWRFS 8:00-5:00

SM AN SOFT TISS SUR  V C S 455  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6891005  MTWRFS 8:00-5:00

SM AN ORTHOPED SURG  V C S 456  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6892005  MTWRFS 8:00-5:00

SM AN OVERPOPU KANSAS CITY  V C S 459A  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4050005  MTWRFS 8:00-5:00
Note: OMaha

SM AN OVERPOPU D.M.  V C S 459B  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4107005  MTWRFS 8:00-5:00
Note: DES MOINES

SM AN OVERPOPU K.C.  V C S 459C  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4313005  ARRANGED
Note: KANSAS CITY

RADIOLOGY  V C S 460  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6896005  MTWRFS 8:00-5:00

PRIMARY CARE  V C S 463  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
2322005  MTWRFS 8:00-5:00

EQUINE FIELD SERVICING  V C S 464  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4247005  MTWRFS 8:00-5:00

FARRIER  V C S 465  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
7756005  MTWRFS 8:00-5:00

VET ANESTHESIOLOGY  V C S 466  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
Note: MUST HAVE INSTRUCTOR PERMISSION TO REPEAT
7756005  MTWRFS 8:00-5:00

INTENSIVE CARE  V C S 468  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6900005  ARRANGED

OPHTHALMOLOGY  V C S 469  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6901005  MTWRFS 8:00-5:00

RADIOLOGY  V C S 470  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
COMPLETION OF V C S 460 RADIOLOGY IS REQUIRED;
Note: Permission of instructor required. Process
Approved add slip in 2270A Vet Med.
******* SEE DEPT FOR REFERENCE NUMBERS
VETERINARY CLINICAL SCIENCES (CONTINUED)

EQUINE REPRODUCTION V C S 471A 2 CREDITS
PreReq: FOURTH-YEAR CLASSIFICATION IN VET MED
****** SEE DEPT FOR REFERENCE NUMBERS

CM PART ANIM REPROD V C S 471C 2 CREDITS
PreReq: FOURTH-YEAR CLASSIFICATION IN VET MED
****** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM SURG ORTHO V C S 473O 1 CREDIT
****** SEE DEPT FOR REFERENCE NUMBERS

VET CARDIOLOGY ROTAT V C S 475 2 CREDITS
PreReq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: OFFERED FOR 2 CREDITS SPRING 2018
Department permission required.
9128005 MTHR 8:00-5:00
MEETS: JAN 8-MAY 4

EQUINE ANESTHESIOLOGY V C S 476E 2 CREDITS
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
****** SEE DEPT FOR REFERENCE NUMBERS

SM ANIML ANESTHESIO V C S 476G 2 CREDITS
PreReq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
****** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE CRITCAL CARE V C S 478 2 CREDITS
PreReq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: Course delivery is WWW
Materials and professional support fee $40.00
ADV EQUINE DENTISTRY V C S 481 2 CREDITS
PreReq: THIRD OR FOURTH-YEAR CLASSIFICATION IN VET MED
2247005 ARRANGED
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY V C S 490 VAR. CREDITS
PreReq: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS V C S 490H VAR. CREDITS
PreReq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

INTEGRTN INT’L EXPERT V C S 492 1 CREDIT
PreReq: CLASSIFICATION IN VET MED
6148005 ARRANGED

GRAND RDS PRESEXTN V C S 495 R CREDIT
PreReq: FOURTH-YEAR CLASSIFICATION IN VET MED
Satisfactory-Fail Only.
6914005 F 8:00-8:45

INT’L PRECEPTORSHIP V C S 496 1-12 CREDITS
PreReq: FOURTH-YEAR CLASSIFICATION IN VET MED
Satisfactory-Fail Only.
6094005 ARRANGED

SPL TOPICS MEDICINE V C S 590A 1-3 CREDITS
PreReq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SURGERY V C S 590B 1-3 CREDITS
PreReq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOLOGY V C S 590E 1-3 CREDITS
PreReq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MICROBIOLOGY & PREV MED

CASE STUDY IV V MPM 378 2 CREDITS
PreReq: 2ND-YEAR CLASSIFICATION IN VET MED
6744005 MR 2:10-3:00
MEETS: JAN 8-MAY 4

INFECTIOUS MEDICINE V MPM 380 2 CREDITS
PreReq: FIRST-YEAR CLASSIFICATION IN VET MED
6941010 W 11:00-11:50
F 8:00-10:00
MEETS: JAN 8-MARCH 2

PUBLIC HEALTH LAB V MPM 388 3 CREDITS
PreReq: SECOND-YEAR CLASSIFICATION IN VET MED
6944005 1 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

TOPICS VET HISTORY V MPM 390 1 CREDIT
7244005 1 ARRANGED
MEETS: JAN 8-MARCH 2

INFECTIOUS DISEASES V MPM 437 3 CREDITS
PreReq: CLASSIFICATION IN VET MED
6949005 1 MF 10:00-10:50
MEETS: JAN 8-MAY 4

PUBLIC HEALTH LAB V MPM 486 2 CREDITS
PreReq: FOURTH-YEAR CLASSIFICATION IN VET MED
6951005 MTHR 2:10-5:00

INDEP STUDY HONORS V MPM 490 VAR. CREDITS
PreReq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
Note: Course restricted to University Honors students only.
****** SEE DEPT FOR REFERENCE NUMBERS

ZOO PRECEPTORSHIP V MPM 494 1-8 CREDITS
PreReq: FOURTH-YEAR CLASSIFICATION IN VET MED
****** SEE DEPT FOR REFERENCE NUMBERS

PRIN OF EPIDEMIOLOGY V MPM 528 3 CREDITS
5368008 ARRANGED
MEETS: JAN 8-MAY 4

LIVESTOCK IMMUNOGENETICS V MPM 540 2 CREDITS
PreReq: AN S 561 OR MICRO 575 OR V MPM 520
6745008 1 MWF 11:00-11:50
MEETS: JAN 8-MAY 4

INTRO CELL TECHNIQUES V MPM 542C 1 CREDIT
9669005 TR 2:10-4:00
MEETS: JAN 8-MAY 4
VETERINARY MICROBIOLOGY & PREV MED (CONTINUED)

IMMUNOLOGY V MPM 575 3 CREDITS
Prereq: 310
Note: CREDIT FOR EITHER V MPM 520 OR MICRO/V MPM 575, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5606005 MWF 8:00-8:50 MEETS: JAN 8-MAY 4

ANIMAL VIROLOGY V MPM 587 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7951005 ARRANGED MEETS: JAN 8-MAY 4

SPECIAL TOPICS V MPM 590 1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

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

ADV TOPC CELL IMUNL V MPM 629 2 CREDITS
Prereq: 520, 575
6965005 ARRANGED MEETS: JAN 8-MAY 4

CURR TOPICS IMMUNOL V MPM 690A 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
****** 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 2018.
7082005 M 3:10-5:00 MEETS: JAN 8-MAY 4

RESEARCH V MPM 699 VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY

ANATOMIC PATHOLOGY I V PTH 342 3 CREDITS
Prereq: FIRST-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
7445005 1 M 1:10-2:00 FALES-WILLIAMS A
R 4:10-5:00 FALES-WILLIAMS A
W 1:10-3:00 FALES-WILLIAMS A
MEETS: JAN 8-MAY 4

7445010 2 M 1:10-2:00 FALES-WILLIAMS A
R 4:10-5:00 FALES-WILLIAMS A
W 1:10-3:00 FALES-WILLIAMS A
MEETS: JAN 8-MAY 4

INTRO PARASITOLOGY V PTH 353 3 CREDITS
Prereq: BIOC 211
9209005 TR 9:30-10:50 JONES D
MEETS: JAN 8-MAY 4

INTRO PATHOLOGY II V PTH 403X 3 CREDITS
Prereq: V PTH/Biol 402
9762005 TR 4:10-5:30 HAYNES J
MEETS: JAN 8-MAY 4

INTR VET CYTOL&TNC V PTH 409 1 CREDIT
Prereq: J3RD YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED JUNIORS ONLY.
8991005 1 T 1:10-3:00 VIALL A
MEETS: JAN 8-MAY 4

8991010 2 T 3:10-5:00 VIALL A
MEETS: JAN 8-MAY 4

CLINICAL PATHOLOGY V PTH 425 4 CREDITS
Prereq: 372
7004005 MF 10:00-10:50 HOSTETTER S
TWR 10:00-10:50 HOSTETTER S
R 11:00-11:50 HOSTETTER S
MEETS: JAN 8-MAY 4

NECROPSY LAB PRACT V PTH 456 1 CREDIT
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
7007005 MWF 1:10-5:00 FALES-WILLIAMS A
S 10:00-11:50 FALES-WILLIAMS A
MEETS: JAN 8-MAY 4

CLIN PATH LAB PRACT V PTH 457 1 CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED SENIORS
7008005 MTWF 8:00-11:50 FLAHERTY H

VETERINARY PATHOLOGY (CONTINUED)

INDEPENDENT STUDY V PTH 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR
Satisfactory-Fail Only.
4058005 ARRANGED MEETS: JAN 8-MAY 4

PRINCIPLES PATHOLOGY V PTH 503 3 CREDITS
Prereq: GRADUATE CLASSIFICATION; PERMISSION OF INSTRUCTOR
8632005 MTR 11:00-11:50 SMITH J
MEETS: JAN 8-MAY 4

ANATOMIC PATHOLOGY I V PTH 542 3 CREDITS
Prereq: GRADUATE CLASSIFICATION & BIOC 352 OR EQUIV FOR GRAD CREDIT, PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
7015005 1 M 1:10-2:00 FALES-WILLIAMS A
R 4:10-5:00 FALES-WILLIAMS A
W 1:10-3:00 FALES-WILLIAMS A
MEETS: JAN 8-MAY 4

7015010 2 M 1:10-2:00 FALES-WILLIAMS A
R 4:10-5:00 FALES-WILLIAMS A
W 3:10-5:00 FALES-WILLIAMS A
MEETS: JAN 8-MAY 4

DIAGN PARASITOL LAB V PTH 548 1-3 CREDITS
Prereq: 376 OR 576
9668005 ARRANGED MEETS: JAN 8-MAY 4

ETHICS IN SCI RSRCH V PTH 554 1 CREDIT
Prereq: 457, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
5755005 F 9:00-9:50 HOSTETTER S
MEETS: JAN 8-MAY 4

POSTMORT PATHOL LAB V PTH 555 1-3 CREDITS
Prereq: 542, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
7038005 MTWF 1:10-5:00 FALES-WILLIAMS A
S 10:00-11:50 FALES-WILLIAMS A
MEETS: JAN 8-MAY 4

SPI TOPC VET PATHOL V PTH 590A 1-4 CREDITS
Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
Satisfactory-Fail Only.
7479005 ARRANGED MEETS: JAN 8-MAY 4

SP TOPC VET PARASIT V PTH 590B 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
Satisfactory-Fail Only.
8255005 TR 11:00-11:50 HOSTETTER S
MEETS: JAN 8-MAY 4

CLIN COMPTNC SKILLS V PTH 599D VAR. CREDITS
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

CURR TOP VET PARASIT V PTH 599A VAR. CREDITS
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

CURR TOP VET CLIN PTH V PTH 599D 1-4 CREDITS
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET CLIN PTH V PTH 599D 1-4 CREDITS
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PATHOL V PTH 599A 1-4 CREDITS
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT V PTH 599B 1-4 CREDITS
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PATHOL V PTH 599A VAR. CREDITS
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT V PTH 599B VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

PATHOL CASE SEMINAR V PTH 604 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
Satisfactory-Fail Only.
7027005 R 12:10-1:00 YAEGGER M
MEETS: JAN 8-MAY 4
WIND ENERGY SCIENCE, ENGINEERING AND POL

WIND ENERGY SYSTEMS WSEP 502 3 CREDITS
Prereq: GRADUATE STANDING
4287005 A MWF 10:00-10:50 MEETS: JAN 8-MAY 4

WIND ENERGY RES SMNR WSEP 594 1 CREDIT
Prereq: GRADUATE STANDING
9662005 ARRANGED MEETS: JAN 8-MAY 4

WOMEN'S STUDIES

GENDER JUSTICE W S 160 1 CREDIT
Note: Meets U.S. diversity reqmt
2484005 1 M 2:10-3:00 GOEBEL M W 2:10-3:00 ANGTON A
MEETS: JAN 8-MARCH 2
2484010 2 M 2:10-3:00 GOEBEL M W 2:10-3:00 ANGTON A
MEETS: JAN 8-MARCH 2
2484015 3 M 2:10-3:00 GOEBEL M W 2:10-3:00 ANGTON A
MEETS: MARCH 5-MAY 4
2484020 4 M 2:10-3:00 GOEBEL M W 2:10-3:00 ANGTON A
MEETS: JAN 8-MARCH 2
2484025 5 M 2:10-3:00 GOEBEL M W 2:10-3:00 ANGTON A
MEETS: JAN 8-MARCH 2
9:00:9:50
MEETS: MARCH 5-MAY 4

INTRO WOMEN'S STUDI W S 201 3 CREDITS
Note: Meets U.S. diversity reqmt
7058005 A M 2:10-3:00 SCHAAL M W 9:00-9:50
MEETS: JAN 8-MAY 4
7058010 B M 2:10-3:00 SCHAAL M W 10:00-10:50
MEETS: JAN 8-MAY 4
7058015 C M 2:10-3:00 SCHAAL M W 11:00-11:50
MEETS: JAN 8-MAY 4
7058020 D M 2:10-3:00 SCHAAL M W 12:10-1:00
MEETS: JAN 8-MAY 4
7058025 E M 2:10-3:00 SCHAAL M W 1:10-2:00
MEETS: JAN 8-MAY 4
7058030 F M 2:10-3:00 SCHAAL M W 3:10-4:00
MEETS: JAN 8-MAY 4
7058060 XR ARRANGED MEETS: MARCH 5-MAY 4
Note: Section XR is off campus
Course delivery is WWW
7058610 XS ARRANGED MEETS: JAN 8-MARCH 2
Note: Section XS is off campus
Course delivery is WWW
7058615 XT ARRANGED MEETS: MARCH 5-MAY 4
Note: Section XT is off campus
Course delivery is WWW
7058620 XU ARRANGED MEETS: JAN 8-MARCH 2
Note: Section XU is off campus

HONORS INTN WMN STUDY W S 201H 3 CREDITS
Prereq: CREDIT IN OR EXEMPTION FROM ENGL 104
9809005 TR 12:40-2:00 MEETS: JAN 8-MAY 4
GENDER & COMMUNICTN W S 323 3 CREDITS
Note: Meets U.S. diversity reqmt
3533005 A MWF 11:00-11:50 MEETS: JAN 8-MAY 4
3533010 B TR 12:40-1:30 MEETS: JAN 8-MAY 4
3533015 C TR 12:40-1:30 MEETS: JAN 8-MAY 4
1033005 C TR 12:40-1:30 MEETS: JAN 8-MAY 4
1033010 D TR 12:40-1:30 MEETS: JAN 8-MAY 4
9115600 XR ARRANGED MEETS: MARCH 5-MAY 4
Note: Section WX is off campus
Course delivery is WWW

ECOFEMINISM W S 320 3 CREDITS
Prereq: W S 201 OR 3 CR IN WOMEN'S STUDIES AT THE
300 LEVEL OR ABOVE
6268600 XR ARRANGED MEETS: JAN 8-MAY 4
Note: Section WX is off campus
Course delivery is WWW
WIRTH D

WOMEN & LEADERSHIP W S 333 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: RESTRICTED TO SOPHOMORES AND ABOVE.
7481005 1 TR 11:00-12:00 MEETS: JAN 8-MAY 4
WINFREY K

HUMAN REPRODUCTION W S 344 3 CREDITS
Note: SEC A1, B1 RESTRICTED TO AG SG, INDIS, S.
SOC, P S A, W S, SEC A2, B2 FOR MAJORS OTHER THAN A,
AG SG, INDIS, SOC, P S A, W S.
3531005 A1 TR 12:40-1:15 MEETS: JAN 8-MAY 4
POPIELIA A
3531010 A2 TR 12:40-1:15 MEETS: JAN 8-MAY 4
POPIELIA A
3531015 C1 TR 12:40-1:15 MEETS: JAN 8-MAY 4

PSYCHOLOGY OF WOMEN W S 346 3 CREDITS
Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH
101
7064005 A1 TR 12:40-2:00 MEETS: JAN 8-MAY 4
SCHELL K
7064010 A2 TR 12:40-2:00 MEETS: JAN 8-MAY 4
SCHELL K
7064015 A3 TR 12:40-2:00 MEETS: JAN 8-MAY 4
SCHELL K
7064020 A4 TR 12:40-2:00 MEETS: JAN 8-MAY 4
SCHELL K
7064025 A5 TR 12:40-2:00 MEETS: JAN 8-MAY 4
SCHELL K

INTRO WOMEN'S STUDI W S 201 3 CREDITS
Note: Meets U.S. diversity reqmt
7058625 XV ARRANGED MEETS: MARCH 5-MAY 4
HAROLD R
7058650 XV ARRANGED MEETS: JAN 8-MARCH 2
HAROLD R
Note: Section XV is off campus
Course delivery is WWW
Note: Section XV is off campus
Course delivery is WWW
HONORS INTN WMN STUDY W S 201H 3 CREDITS
Prereq: CREDIT IN OR EXEMPTION FROM ENGL 104
2184009 TR 12:40-2:00 MEETS: JAN 8-MAY 4
STOEHR A
GNDR&SEX AM POP CUL W S 210X 3 CREDITS
Note: Meets U.S. diversity reqmt
9809005 TR 12:40-2:00 MEETS: JAN 8-MAY 4
GOEBEL M

PREREQ: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH
INTRO LESBIAN STUDY W S 203 3 CREDITS
Note: Meets U.S. diversity reqmt
3931005 A TR 12:40-1:15 MEETS: JAN 8-MAY 4
POPIELIA A
3931010 B TR 12:40-1:15 MEETS: JAN 8-MAY 4
POPIELIA A
3931015 C TR 12:40-1:15 MEETS: JAN 8-MAY 4

Note: Section WX is off campus
Course delivery is WWW
WOMEN'S STUDIES (CONTINUED)

WOMEN OF COLOR--U.S
W S 350            3 CREDITS
Prereq: 3 CREDITS IN W S OR AF AM
Note: Meets U.S. diversity requirement
     Instructor permission required 1st week.
2569005            MWF 11:00-11:50
MEETS: JAN 8-MAY 4

FMNST RES IN ACTION
W S 402            3 CREDITS
Prereq: 201, 301
5674005            M 3:10-6:00PM
MEETS: JAN 8-MAY 4

WOMEN, MEN & ENGL LANG
W S 422            3 CREDITS
Prereq: ENGL 219
Note: Meets U.S. diversity reqmt
1540005            A TR 11:00-12:20
MEETS: JAN 8-MAY 4

TOPICS WOMEN'S STUDIES
W S 450            3 CREDITS
Prereq: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
Note: Instructor permission required 1st week.
8910005            TR 9:30-10:30
MEETS: JAN 8-MAY 4

INDEPENDENT STUDY
W S 490            1-3 CREDITS
Prereq: ANY TWO COURSES IN W S
Note: NO MORE THAN 6 CREDITS OF W S 490 MAY BE
APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR
Department permission required.
*******
SENIOR INTERNSHIP
W S 491            3 CREDITS
Prereq: SENIOR CLASSIFICATION
*******
SENIOR THESIS
W S 499            3 CREDITS
Prereq: SENIOR CLASSIFICATION
*******
QDV SEM FM RES MTHD
W S 502            3 CREDITS
1169005            M 3:10-6:00PM
MEETS: JAN 8-MAY 4

THINK GLOBALLY
WLC 491            1 CREDIT
Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD
AND/OR INTERNSHIP ABROAD
Note: TOPIC: EXPERIENCES ABROAD: LEARNING TO
THINK GLOBALLY
Satisfactory-Fail Only.
7493005            1 MWF 1:10-2:00
MEETS: JAN 8-MARCH 2

STUDENT TEACH WORLD LANG
WLC 417G VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUCATION, APPROVAL
OF COORDINATOR DURING SEMESTER BEFORE STUDENT
TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
8139005            1A ARRANGED
MEETS: JAN 8-MARCH 2
Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
5865010            1B MWF 9:00-9:50
MEETS: JAN 8-MAY 4

WORLD LANGUAGES AND CULTURES (CONTINUED)

WORLD LANGUAGES AND CULTURES
INTRO WORLD LANGUAGE
WLC 119            3 CREDITS
Note: Meets international perspectives reqmt
5865005            1A MWF 9:00-9:50
MEETS: JAN 8-MAY 4
Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
5865010            1B MWF 9:00-9:50
MEETS: JAN 8-MAY 4

STUDENT TEACH WORLD LANG
WLC 417G VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUCATION, APPROVAL
OF COORDINATOR DURING SEMESTER BEFORE STUDENT
TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
8139005            1A ARRANGED
MEETS: JAN 8-MARCH 2
Note: SEC 1A RESTRICTED TO LING MAJORS ONLY
8139010            1R ARRANGED
MEETS: JAN 8-MARCH 2
Note: SEC 1R RESTRICTED TO LING MAJORS ONLY
8139015            2A ARRANGED
MEETS: MARCH 5-MAY 4
Note: SEC 2A RESTRICTED TO LING MAJORS ONLY
8139020            2R ARRANGED
MEETS: MARCH 5-MAY 4
Note: SEC 2R RESTRICTED TO LING MAJORS ONLY

WORLD LANGUAGES AND CULTURES
THINK GLOBALLY
WLC 491            1 CREDIT
Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD
AND/OR INTERNSHIP ABROAD
Note: TOPIC: EXPERIENCES ABROAD: LEARNING TO
THINK GLOBALLY
Satisfactory-Fail Only.
7493005            1 MWF 1:10-2:00
MEETS: JAN 8-MARCH 2