Fall Semester 2017

Classes Begin: August 21
University Holiday: September 4
Thanksgiving Break: November 20-24
Final Exams: December 11-15
University Commencement: December 16

Registration Start Dates for Fall 2017
Veterinary Medicine students: Monday, March 20
Graduate students: Monday, March 20 - Wednesday, March 22
All seniors: Tuesday, March 21 - Monday, March 27
Projected juniors: Tuesday, March 28 - Monday, April 3
Projected sophomores: Tuesday, April 4 - Monday, April 10
Continuing freshmen: Tuesday, April 11 - Monday, April 17

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

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Key Dates, Deadlines & Information

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

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

Auditing Courses
You must register for a full semester course as an 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 Scheduling & Fees Office, 10 Enrollment Services Center, 294-2331.

Fee Payment Deadlines
Fee payment deadlines for Fall 2017 are August 20, September 20, and October 20 for deferred billing. A $20 deferred billing charge is assessed. Contact Accounts Receivables for information.

Graduation Information
If planning to graduate this fall 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 earned 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.

Registration Start Dates for Fall 2017
Refer to page 1 for registration start dates.

Room Assignments
Room assignments will be show on their AccessPlus class schedule on Saturday, July 22. To find a map of class room locations go to the ISU index under Classroom abbreviations.

Schedule Changes
Students can make schedule changes using AccessPlus Registration through Friday, August 25. 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 Fall 2017

July 22, Fri. • Beginning Class lists available on AccessPlus.

Aug. 1, Tues. • University bills with Fall 2017 tuition and fees charges available on AccessPlus.

Aug. 18, Fri. • Last day to initiate registration in person without a late registration fee in the Registrar's Scheduling & Fees Office, 10 Enrollment Services Center by 5 p.m. Registration may be initiated using AccessPlus until 11 p.m. Aug 19, without a late registration fee.
•Fee payment deadline for fall. First payment (minimum due) or payment in full.
• Last day to initiate registration through AccessPlus without a late registration fee. Registration must be completed by 11 p.m.
• Last day to cancel registration on AccessPlus for fall to avoid tuition assessment. All courses must be dropped on AccessPlus by 11 p.m.

Aug. 20, Sun. • Fee payment deadline for fall. First payment (minimum due) or payment in full.

Aug. 21, Mon. • Class work begins.
• Schedule changes processed through AccessPlus registration or in 10 Enrollment Services Center.

Aug. 25, Fri. • Last day to initiate registration through AccessPlus. A late registration fee applies.
• Last day to process most schedule changes without signatures of instructor and adviser (full-semester courses and first half-semester courses). See the tuition adjustment schedule for financial deadlines.
• 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 fall through AccessPlus registration.
• Last day to change a course from audit to credit basis.
• Graduate College applications for graduation for Fall 2017 are due in the Graduate College, 1137 Pearson Hall.

Aug. 27, Sat. • Last day to return textbooks for refund to University Book Store. Exclusions apply. See www.isubookstore.com for details.

Sept. 1, Fri. • 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.

Sept. 2, Mon. • Last day to elect to audit a course for fall. The instructor of the course must approve an audit.
• Last day to receive a tuition and fee adjustment for full-semester courses when dropping below full-time status. No refunds for full-semester courses after day 10 of the semester.
• Last day to change degree audit information for fall semester.

Sept. 4, Mon. • University holiday—offices closed, classes recessed.
• Fee payment deadline for fall semester. Second payment (minimum due).
• Last day to add/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 Sept. 6 count toward total allowable P/NP credits used for graduation.

Sept. 20, Wed. • Last day to file a Designation of Repeated Course form for a first half-semester course that is not an automatic designated repeat.
• Schedule of Classes for Spring 2018 available for viewing on the Web at http://classes.iastate.edu/
• Advising period for Spring 2018 registration begins.

Sept. 22, Fri. • Midterm grade reports due from all departments (Blackboard, WebCT and AccessPlus).
• First half-semester courses end.

Sept. 25, Mon. • Second half-semester courses begin.

Sept. 30, Sat. • Schedule of Classes for Spring 2018 available for viewing on the Web at http://classes.iastate.edu/

Oct. 2, Mon. • Registration period for Spring 2018 begins. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday, and most Sundays.

Oct. 13, Fri. • First day of assigned Spring 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.

Oct. 16 Mon. • Seniors graduating Spring 2018 should submit a Graduation Application to the Registrar’s Graduation Office, 210 Enrollment Services Center, after registering for final course work. Applications are available from advisers or the Registrar’s Graduation Office, 210 Enrollment Services Center.

Oct. 17, Tues. • Fee payment deadline for fall. Final payment due.
University Calendar Fall 2017

Oct. 20, Fri. • Last day to process most schedule changes in a second half-semester course without a schedule change fee or to add/drop a second half-semester course without signatures of instructor and adviser. See the tuition adjustment schedule for financial deadlines.

• 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.

Oct. 26, Thurs. • First day of assigned Spring 2018 registration dates for students projected as seniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.

Oct. 27, Fri. • First day of assigned Spring 2018 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday, and most Sundays.

• Last day to add/drop full-semester courses without extenuating circumstances.

• 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.

Oct. 30, Mon. • Preliminary Spring 2018 room assignments distributed.

Nov. 1, Wed. • Graduate College: last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee.

Nov. 2, Thurs. • First day of assigned Spring 2018 registration dates for students projected as sophomores. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday, and most Sundays.

Nov. 17, Fri. • First day of assigned Spring 2018 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday, and most Sundays.

Nov. 20-24 Mon.—Fri. • Thanksgiving break, classes recessed.

Nov. 23-24 Thurs.—Fri. • University holidays—offices closed.

Nov. 30, Thurs. • Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation.

• Graduate College: last day for final oral examinations.

• Graduate College: last day for final submission of graduate student graduation approval slip.

Dec. 2, Sat. • Spring 2018 room assignments for courses displayed in the online Schedule of Classes.

Dec. 7, Thurs. • End of term textbook buyback begins at University Bookstore.

Dec. 11-15 Mon.—Fri. • Final examinations.

Dec. 15, Fri. • Fall semester ends.

• Undergraduate graduation applications for Spring 2018 are due in the Registrar’s Graduation Office, 210 Enrollment Services Center.

Dec. 16, Sat. • University Commencement:

Dec. 20, Wed. • Electronic grades due from all departments (Blackboard, WebCT and AccessPlus)

Dec. 21, Thurs. • Grade reports available on AccessPlus

Dec. 25-26 Fri-Mon. • University holidays—offices closed.
# Resources

**Admissions** [www.admissions.iastate.edu](http://www.admissions.iastate.edu)

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

## College Student Services Offices

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<td>20 Curtiss</td>
<td>294-2766</td>
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<td>Business</td>
<td>1200 Gerdin</td>
<td>294-8430</td>
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<td>Design</td>
<td>297 College of Design</td>
<td>294-6983</td>
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<td>Engineering</td>
<td>1300 Martson</td>
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<td>Human Sciences</td>
<td>0131 MacKay</td>
<td>294-6466</td>
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<td>102 Catt Hall</td>
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<tr>
<td>Veterinary Medicine</td>
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## Financial Aid Office

[www.financialaid.iastate.edu](http://www.financialaid.iastate.edu)

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

## ISUCard Office

[www.isucard.iastate.edu](http://www.isucard.iastate.edu)

ISUCard Office .............................................. 0530 Beardshear .............................................. 294-2727

## Office of the Registrar

[www.iastate.edu/~registrar/](http://www.iastate.edu/~registrar/)

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<td>Accounts Receivables Office</td>
<td>0880 Beardshear</td>
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## Student Answer Center

[www.answer.iastate.edu](http://www.answer.iastate.edu)

Student Answer Center .......................... Ground Floor Beardshear .............................................. 294-4469

## Voter Registration

To learn how to register to vote, or to find out more about voting in Iowa, go to [www.sos.state.ia.us/](http://www.sos.state.ia.us/).

Voter registration forms are available in the Office of the Registrar, 214 Enrollment Services Center, and the Student Answer Center, Ground Floor, Beardshear.
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 catalog for specific requirements for admission. Applications are available through the Iowa State University home page, just click 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 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.

Reentering Students
Undergraduate students, both nondegree and degree seeking:

Non-international undergraduate students, both degree and non-degree 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 nondegree 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, Scheduling & Fees Office, 10 Enrollment Services at 515-294-1889, or e-mail reentry@iastate.edu. Return the completed form to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work attempted to the Office of Admissions, 100 Enrollment Services Center.
International Students
All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term). International student reentry forms are available through the ISU index under Reentering ISU, International Students and Scholars or from the Tuition and Fees area at 0460 Beardshear Hall. 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 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.

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

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

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

Returning Students
Undergraduate and Nondegree Students
Non-international undergraduate and non-degree students, who have been away from Iowa State for less than 12 months and who were not academically dismissed, (not including summer) may contact the Office of the Registrar, Scheduling & Fees Office, 10 Enrollment Services, at 515-294-2331 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their adviser to discuss course selection. These students do not need to complete a reentry form.

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

Graduate Students
All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail: reentry@iastate.edu to have students record and address information updated prior to meeting with 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, 3428 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 website 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 card, 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 in mid-March.

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 for Fall 2017 through AccessPlus registration or the Scheduling & Fees Office in 10 Enrollment Services Center is Friday, August 25. 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 4 p.m. Friday, August 18, of intent to cancel registration, or drop all classes on AccessPlus by 10 p.m Sunday, August 20 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, 7 a.m. - 11 p.m.

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

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

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

Schedule Planner
http://planner.iastate.edu/

The Class Schedule Planner allows schedule planning using courses displayed in the Schedule of Classes at http://classes.iastate.edu.

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

Though it is a web-based application, the Class Schedule Planner does not require authentication (no user ID, PIN, or password). This application serves as a planner and, as such does not have the ability to perform any course registrations. The application requires users to have Java on their computer. For more information see the Help link in the Class Schedule Planner.

AccessPlus
https://accessplus.iastate.edu/

AccessPlus is a secure and confidential campus information system that allows students to view a personalized menu from a campus or home workstation. A university ID plus a password are required to view personal information.

AccessPlus is available to Iowa State University students and faculty/staff, day or night, seven days a week, from anywhere in the world. 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 Scheduling & Fees Office, 10 Enrollment Services Center.

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

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

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

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

R-Credit Courses (required courses)

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

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

Drop Limit

Undergraduate students have a limited number of courses they may drop during their academic careers. (These are drops processed after the fifth day of classes each semester.) Students who enter Iowa State as freshmen are allowed to drop a maximum of five courses during their undergraduate career. Students entering at a level above freshman classification 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 your grade report on AccessPlus indicates the number of drops you have left. Students are responsible for not exceeding the limit. If you attempt to drop a course beyond the limit without special permission from your college dean, the course will remain on your schedule and you will receive a grade at the end of the semester.
Fall 2017 Fee Schedule

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

Additional information:

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

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

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

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

- **Interim** (partial-semester, between-terms), **audit** (zero-credit), and **in absentia** (research, away from campus study) courses are assessed fees as listed in the current fee schedule.
- **One-half credits** are assessed at the next larger whole number; e.g. 3 1/2 credits are assessed at the 4-credit rate.
- **R-credit** (Required credit) coursework is assessed minimum tuition and fees equal to the 1 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to a R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.
- **Workshop fee** for one-credit workshops, with no other course enrollments, is $277 for undergraduate students and $452 for graduate students.
- **Zero credit course** is assessed based on contact hours with a maximum assessment of 3 credits.

Tuition and Fees

Tuition and fees are subject to change without notice.

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

Monthly Payment Plan
Under the Monthly Payment Plan, students pay the academic costs for fall and spring semesters in 12 installments beginning April 20 and ending the following March 20. The university also offers 11, 10 or 9 month plans. A $50 enrollment fee is due with the first monthly payment. All payments are deducted from a designated bank account. For more information contact the Accounts Receivable Office.

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

Cancelling Registration
A cancellation is processed when a student notifies the Office of the Registrar of their decision not to attend classes for the current semester prior to the day class work begins. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by 4:00 p.m. Friday, August 18; or drop all of your classes through AccessPlus by 10 p.m. Sunday, August 20.

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

Withdrawing Registration
Beginning the first day of class (Monday, August 21), students who decide not to continue attending classes must process a withdrawal form.

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

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

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

This tuition adjustment schedule is subject to change.

Tuition adjustments for withdrawals of registration are based upon the following table for Fall 2017:

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Student Pays</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug. 21-25</td>
<td>10%</td>
</tr>
<tr>
<td>Aug. 26-Sept. 1</td>
<td>25%</td>
</tr>
<tr>
<td>Sept. 2-11</td>
<td>50%</td>
</tr>
<tr>
<td>Sept. 12-18</td>
<td>75%</td>
</tr>
<tr>
<td>After Sept. 18</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 Scheduling & Fees area of the Office of the Registrar at 515-294-2331 or registrar@iastate.edu for questions or deadlines 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 set fee assessment date. During the summer term the set fee date will depend upon the length of the individual course in which the student is enrolled. Students who drop below full-time before the set fee assessment date will receive a credit adjustment of 100%, with no adjustment after the set fee assessment date. Students who add courses at any time during the semester will be assessed tuition and fees if applicable according to the fee schedule. Contact the Scheduling & Fees area of the Office of the Registrar for deadline related to specific courses.

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 you 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.

GLOSSARY OF FEES

Activity, Services, Building and Recreation Fee

The activity, services, building and recreation fee is a mandatory fee that supports a variety of activities and services for all full time students. It is not based on whether or not a student uses an individual activity or service. This fee provides several benefits such as student admission rates to concerts and athletic events and unlimited use of CyRide. In addition, the fee provides support for campus recreation facilities, the Memorial Union, and campus organizations and services as allocated by the Government of the Student Body. Full-time students will be charged $329.70 each fall and spring semester, and all students will be charged $165.30 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 status courses, or students enrolled under the Post Secondary Enrollment Options Act. Students in exemption categories named above may elect to pay this fee and will be assessed based upon their enrollment status. For students who withdraw or change to an exempt status the tuition adjustment schedule will be used for the activity fee.

Admissions Application Fee

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

Delivery Fees

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

Health Facility Fee

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

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

Health Fee (Mandatory)

All students are assessed an $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, 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 (September 7) with no adjustment after that time. No adjustment can be made if a student has used the services of the Thielen Student Health Center prior to withdrawing from or changing to an exempt status at the university. Students who add courses at any time during the term will be assessed the Health Fee according to the guidelines stated above.

Students who are exempt from the mandatory Health Fee may use the services of the Thielen Student Health Center on a fee for service basis or may elect to pay the $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, August 20 is the last day to initiate a registration for full semester courses for Fall 2017 without a late registration fee. Beginning Monday, August 21, undergraduate students are assessed a late registration fee of $20. Graduate students are assessed a late registration fee of $30 the first week of classes, $60 the second week, and $100 the third week or later.

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

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

**Health Facility Fee**
All students are assessed an $8 health facility fee for Fall 2017, except for students exclusively registered for the following: distance education courses; (courses with sections beginning with an X); courses for which no tuition is assessed; continuous registration status courses, graduate students enrolled in Psych 597, 697; or high school students enrolled under the Postsecondary Enrollment Options Act. Note: The health facility fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship. For students who withdraw or change to an exempt status as defined above, the tuition adjustment schedule will also be used for the health facility fee.
Graduation

Undergraduate Students
Fall 2017 graduating seniors are encouraged to submit applications for graduation after registering for their final semester. Applications are available from the adviser, college student services office, the Registrar’s Graduation Office, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The application is due in 210 Enrollment Services Center by the last working day in May.

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.

University commencement ceremony will be held Saturday, December 16, 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 student's name from the graduation list for Fall 2017.

• An “Application for Graduation” (diploma slip) should be obtained from the students department or the Graduate College website and filed in the Graduate College by Friday, September 8.

• Last day for graduate students to cancel graduation is November 1. 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 Wednesday, November 22.

• Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, November 28. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, November 30.

• Signatures must be obtained on the “Graduate Student Approval Slip” by Tuesday, November 28. 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 from the graduation office to the student's in-session-e-mail address 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 e-mail information is not received.

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 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 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>
</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 students must 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.

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

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.

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

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

Course Listing Information
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 in the course offerings section of the Schedule of Classes.

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 Online Schedule of Classes as well as in the Courses and Programs section of this publication.
Auditing Courses
To audit a course means to enroll in the course without receiving credit for the course. Audited courses count towards credit limit but not full-time status. The instructor of the course approves the audit request.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Experimental Courses**
Experimental courses (course numbers ending in “X”) are not included in the Iowa State University Undergraduate and Graduate Courses and Programs 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/](http://classes.iastate.edu/). To search for evening classes from the Online Schedule of Classes, enter pm in the Section field. All courses meeting at 5 p.m. or later will be displayed. Remember that additional offerings may be listed so students should check the meeting times carefully. For questions regarding registration and/or fees, call (515)294-1889.

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

**Pass-Not Pass**
Students must contact their adviser/major professor to determine which courses they may take Pass-Not Pass. To take a course Pass-Not Pass, first add the course through the web registration system on a graded basis, then to declare the course as Pass-Not Pass, the student must obtain the signature of their adviser/major professor located in the Pass-Not Pass section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services 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 catalog](http://classes.iastate.edu/).

**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 Saturday, July 25, students may find room assignments by viewing their schedule on AccessPlus.

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

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

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

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

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

Night Exams for Fall 2017
Updates are posted on the web under Night Exams.

Credit by Examination

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

Students should take a test-out exam the semester before planning to take the course. In some courses, students who plan to take the test-out exam may not be allowed to register for the course in the same semester. For more information, refer to the Iowa State University Undergraduate and Graduate Courses and Programs 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. Credit may be granted for a score at or above a B grade level. 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, Room. 2062 Student Services Building throughout the year. For information about test registration and fees go to the ISU index, Test Out Exams, CLEP Testing.

### CLEP Exam

<table>
<thead>
<tr>
<th>CLEP Exam</th>
<th>ISU Courses</th>
<th>Sem. Cr. Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial Accounting*</td>
<td>Acct 284</td>
<td>3</td>
</tr>
<tr>
<td>American Govt.</td>
<td>Pol S 215</td>
<td>3</td>
</tr>
<tr>
<td>Biology*</td>
<td>Biol 101</td>
<td>3</td>
</tr>
<tr>
<td>Calculus</td>
<td>Math 165</td>
<td>4</td>
</tr>
<tr>
<td>Humanities*</td>
<td>Fine Arts Literature</td>
<td>2, 4</td>
</tr>
<tr>
<td>Principles of Macroeconomics</td>
<td>Econ 102</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Microeconomics</td>
<td>Econ 101, Econ 102</td>
<td>3, 3</td>
</tr>
<tr>
<td>Natural Sciences*</td>
<td>Biological Science Physical Science</td>
<td>3, 3</td>
</tr>
<tr>
<td>Introductory Psychology</td>
<td>Psych 101</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences and History*</td>
<td>Social Science History</td>
<td>4, 2</td>
</tr>
<tr>
<td>Introductory Sociology</td>
<td>Soc 134</td>
<td>3</td>
</tr>
<tr>
<td>French Language</td>
<td>Frnch 101, 102</td>
<td>8, 12, 16</td>
</tr>
<tr>
<td>German Language</td>
<td>Ger 101, 102</td>
<td>8, 12, 16</td>
</tr>
<tr>
<td>Spanish Language</td>
<td>Span 101, 102</td>
<td>8, 12, 16</td>
</tr>
</tbody>
</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, December 15 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 are all recitation or lecture, or which have one or more recitations with one or more laboratories, the first recitation or lecture of the week is considered as the first contact of the week. In courses having both recitations and lectures, the department head may determine whether the first lecture or the first recitation is to be considered the first contact.

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

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

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

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

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

Tentative Combined Group Exams

The following courses are most likely to have combined group exams scheduled for Fall 2017. (This list of group exam courses may change due to departmental preference and/or time and room scheduling difficulties.) For the list of exam days and times go to the ISU index under Final Exams.

<table>
<thead>
<tr>
<th>Course 1</th>
<th>Course 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acct 215</td>
<td>Mat E 273</td>
</tr>
<tr>
<td>284</td>
<td>M E 270</td>
</tr>
<tr>
<td>285</td>
<td>Phys 111</td>
</tr>
<tr>
<td>Aer E 160</td>
<td>221, 221H, 222, 222H</td>
</tr>
<tr>
<td>Agron 114</td>
<td></td>
</tr>
<tr>
<td>C E 332</td>
<td>Psych 101</td>
</tr>
<tr>
<td>Chem 163</td>
<td>230, 280</td>
</tr>
<tr>
<td>167</td>
<td>SCM 301</td>
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Exams Based on First Contact

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<tr>
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Registration Worksheet

Name (please print) _______________________________ Term ______________

(Last) ___________________ (First) ___________________ (Middle) ______________

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.

<table>
<thead>
<tr>
<th>Reference #</th>
<th>Department</th>
<th>Course</th>
<th>Section</th>
<th>Credit</th>
<th>Meeting Day(s) and Time</th>
<th>Notes (OK, full, etc.)</th>
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Alternative courses

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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>Zaffarano Physics Addition</td>
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</tbody>
</table>

*Residence Hall

### Other Campus Buildings

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

**LEGAL ENVIRONMENT BUS ACCT 215 3 CREDITS**
Prereq: SOEP CLASSIFICATION
Note: COURSE NOT OPEN TO FRESHMEN OR GRADUATE STUDENTS

5277005 A MWF 8:00-8:50
MEETS: AUG 21-DEC 15
5277010 B MWF 9:00-9:50
MEETS: AUG 21-DEC 15

**FINANCIAL ACCOUNTING ACCT 284 3 CREDITS**
Prereq: COURSE NOT OPEN TO FIRST YEAR FRESHMEN
Note: COURSE NOT OPEN TO FRESHMEN OR GRADUATE STUDENTS

1110005 A TR 8:00-9:15
MEETS: AUG 21-DEC 15
1110010 B TR 9:30-10:45
MEETS: AUG 21-DEC 15
1110015 C MWF 10:00-10:50
MEETS: AUG 21-DEC 15
1110020 D MWF 12:10-1:00
MEETS: AUG 21-DEC 15
1110025 E MWF 1:10-2:00
MEETS: AUG 21-DEC 15

**MANAGERIAL ACCOUNTING ACCT 285 3 CREDITS**
Prereq: ACCT 284
Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION TO ADD
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/

1112005 A MWF 8:00-8:50
MEETS: AUG 21-DEC 15
1112010 B MWF 9:00-9:50
MEETS: AUG 21-DEC 15
1112015 C MWF 11:00-11:50
MEETS: AUG 21-DEC 15
1112020 D MWF 12:10-1:00
MEETS: AUG 21-DEC 15
1112025 E MWF 1:10-2:00
MEETS: AUG 21-DEC 15
1112030 F TR 8:00-9:15
MEETS: AUG 21-DEC 15
1112035 G TR 9:30-10:45
MEETS: AUG 21-DEC 15
1112040 H TR 11:00-12:15
MEETS: AUG 21-DEC 15
1112045 J KW 5:10-6:25PM
MEETS: AUG 21-DEC 15
1112050 L MWF 2:10-3:00
MEETS: AUG 21-DEC 15
1112055 M TR 2:10-3:25
MEETS: AUG 21-DEC 15
1112060 N TR 3:40-4:55
MEETS: AUG 21-DEC 15

**THE ACCOUNTING CYCLE ACCT 301 1 CREDIT**
Prereq: ACCT 284
Note: CONCURRENT ENROLLMENT IN ACCT 285 RECOMMENDED.
COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, MIS, MRT, P BUS, SCM UNDERGRAD MAJORS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO REGISTER THIS COURSE CARRIES AN ADDITIONAL COST OF APPROXIMATELY $50 TO ACCESS THE REQUIRED COMPUTER SOFTWARE PROGRAM.

1078005 A ARRANGED
MEETS: AUG 21-DEC 15
Note: Course delivery is WWW

**BUSINESS LAW ACCT 316 3 CREDITS**
Prereq: ACCT 215
Note: COURSE NOT OPEN TO P BUS MAJORS.
GRADUATE STUDENTS MUST SEE 1200 GERDIN FOR PERMISSION TO ADD

5278005 A MWF 10:00-10:50
MEETS: AUG 21-DEC 15

**INTMD MANAGERL ACCT ACCT 383 3 CREDITS**
Prereq: ACCT 285 OR ACCT 501 AND ACCT 301
Note: SECTIONS A1,B1,ETC. RESTRICTED TO ACCT UNDERGRADS.

1117005 A1 TR 3:40-5:00
MEETS: AUG 21-DEC 15
1117010 A2 TR 4:40-5:50
MEETS: AUG 21-DEC 15
1117015 B1 MWF 8:00-8:50
MEETS: AUG 21-DEC 15
1117020 B2 MWF 9:00-9:50
MEETS: AUG 21-DEC 15
1117025 C1 MWF 12:10-1:00
MEETS: AUG 21-DEC 15
1117030 C2 MWF 1:10-2:00
MEETS: AUG 21-DEC 15

**NONPROFIT INST ACCT ACCT 488 3 CREDITS**
Prereq: ACCT 387
Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS UNDERGRAD MAJORS ONLY. NOT OPEN TO P BUS MAJORS.
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.

1120005 A TR 2:10-3:25
MEETS: AUG 21-DEC 15
ACCOUNTING  (CONTINUED)

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

ADV ACCT PROBLEMS  ACCT  495  3 CREDITS
Prereq: ACCT 387
Note: COURSE RESTRICTED TO ACCT MAJORS YR 1-4 ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
7148005 A TR 11:00-12:15 MEETS: AUG 21-DEC 15

INTERNATIONAL ACCT  ACCT  496  3 CREDITS
Prereq: ACCT 386 OR ACCT 501
Note: COURSE RESTRICTED TO ACCT, 1 BUS MAJORS YR 1-4 ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
9026005 A T 6:40-10:00PM MEETS: AUG 29-NOV 14

INTRO TO AUDITING  ACCT  497  3 CREDITS
Prereq: ACCT 384, ACCT 387 AND STAT 326
Note: COURSE RESTRICTED TO ACCT MAJORS YR 1-4 ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
1126005 A MWF 11:00-11:50 MEETS: AUG 21-DEC 15
1126010 B MWF 1:10-2:00 MEETS: AUG 21-DEC 15

CAPSTONE IN ACCOUNT  ACCT  498  2 CREDITS
Prereq: ACCT 383, ACCT 384, ACCT 387, ACCT 485
Note: COURSE RESTRICTED TO ACCT MAJORS YR 1-4 ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
4477005 A MW 9:00-9:50 MEETS: AUG 21-DEC 15
4477010 B MW 4:10-5:00 MEETS: AUG 21-DEC 15

FINANCIAL ACCOUNTING  ACCT  501  3 CREDITS
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
Note: COURSE RESTRICTED TO ACCT, FIN, SCI'S GRADUATE MAJORS ONLY
9339005 R MW 7:30-10:50 CANNON J MEETS: OCT 9-NOV 15

ADV FEDERAL TAXATION  ACCT  586  3 CREDITS
Prereq: ACCT 485
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7001005 A TR 6:40-10:00PM MEETS: AUG 21-DEC 15

GOV'T & NON-PRFT ACCT  ACCT  588  3 CREDITS
Prereq: ACCT 387
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
2909005 A TR 2:10-3:25 MEETS: AUG 21-DEC 15

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

FRAUD EXAM & PREVENT  ACCT  591  3 CREDITS
Prereq: ACCT 497 OR ACCT 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7436005 A W 6:40-10:00PM MEETS: AUG 21-NOV 13

ADV ACCTING PROBLS  ACCT  595  3 CREDITS
Prereq: ACCT 387
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
1011005 A TR 11:00-12:15 MEETS: AUG 21-DEC 15

INTERNATIONAL ACCT  ACCT  596  3 CREDITS
Prereq: ACCT 386 OR ACCT 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
2892005 A T 6:40-10:00PM MEETS: AUG 29-NOV 14

FIN ACCT:THRY & ISS  ACCT  598  3 CREDITS
Prereq: ACCT 386 OR ACCT 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
5338005 A W 6:40-10:00PM MEETS: AUG 30-NOV 15

CREATIVE COMPONENT  ACCT  599  2 CREDITS
Prereq: ADMISSION TO THE MASTER OF ACCT PROGRAM
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

ADVERTISING

ADVERTISING PRINCIP  ADVT  230  3 CREDITS
FALL 2017
4667005 1 MWF 9:00-9:50 MEETS: AUG 21-DEC 15

STRATEG PLAN ADVT  ADVT  301  3 CREDITS
FALL 2017
4439005 1A MW 9:30-10:45 MEETS: AUG 21-DEC 15
4439010 1B MW 9:30-10:45 MEETS: AUG 21-DEC 15
4439015 2A TR 9:30-10:45 MEETS: AUG 21-DEC 15
4439020 2B TR 9:30-10:45 MEETS: AUG 21-DEC 15
4439025 3A TR 11:00-12:15 MEETS: AUG 21-DEC 15
4439030 3B TR 11:00-12:15 MEETS: AUG 21-DEC 15
4439035 4A TR 2:10-3:25 MEETS: AUG 21-DEC 15
4439040 4B TR 2:10-3:25 MEETS: AUG 21-DEC 15
4439045 5A MW 11:00-12:15 MEETS: AUG 21-DEC 15

ADVERTISING CREATIVITY  ADVT  334  3 CREDITS
Prereq: JL MC 101; OR BETTER IN JL MC 201; ADVT 301 OR P R 301
Note: COURSE RESTRICTED TO ADVT, JL MC, P R MAJORS
4669005 1 TR 6:10-9:50 MEETS: AUG 21-DEC 15
4669010 2 TR 2:10-5:50 MEETS: AUG 21-DEC 15
4669015 3 TR 12:10-1:50 MEETS: AUG 21-DEC 15

ADVERT MEDIA PLANNG  ADVT  335  3 CREDITS
FALL 2017
4670005 1A MW 2:10-3:00 MEETS: AUG 21-DEC 15
Note: SECTION 1A FOR JL MC, ADVT, P R MAJORS ONLY
4670010 1B MW 2:10-3:00 MEETS: AUG 21-DEC 15

ADVERT ACCOUNTMGNT  ADVT  336  3 CREDITS
Prereq: ADVT 485
Note: COURSE RESTRICTED TO ADVT, JL MC, P R 301
4440005 1 TR 5:10-6:25PM MEETS: AUG 21-DEC 15
4440010 2 TR 5:10-6:25PM MEETS: AUG 21-DEC 15
4440015 3 TR 6:45-8:00PM MEETS: AUG 21-DEC 15

ADVERTISING CAMPGNS  ADVT  434  3 CREDITS
Prereq: C+ OR BETTER IN ADVT 344 OR ADVT 336, 337, 338
Note: COURSE RESTRICTED TO ADVT, JL MC, P R MAJORS
4685005 1 TR 3:40-5:00 MEETS: AUG 21-DEC 15
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html

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

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

AEROSPAC ENG PROBLM AER E 160 3 CREDITS
Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAM; CREDIT OR ENROLLMENT IN MATH 165
6215005 1 MWF 9:00-9:50 RAYBURN C
T 10:00-10:50
MEETS: AUG 21-DEC 15
6215010 2 MWF 10:00-10:50
MEETS: AUG 21-DEC 15
6215015 3 MWF 11:00-11:50
MEETS: AUG 21-DEC 15
R 2:10-4:00
6215020 4 MWF 12:10-1:00
W 2:10-4:00
MEETS: AUG 21-DEC 15
6215025 5 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
6215030 6 MWF 2:10-3:00
F 2:10-4:00
MEETS: AUG 21-DEC 15

HONORS AER ENG PROB AER E 160H 3 CREDITS
Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM, MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAM; CREDIT OR ENROLLMENT IN MATH 165
Note: COURSE RESTRICTED TO AER E MAJORS WHO ARE MEMBERS OF THE HONORS PROGRAM. OTHER QUALIFIED STUDENTS BY PERMISSION OF THE DEPARTMENT.
7571005 1 MWF 10:00-10:50
T 10:00-11:50
F 11:00-11:50
MEETS: AUG 21-DEC 15
7571010 2 MWF 11:00-12:00
W 10:00-11:50
MEETS: AUG 21-DEC 15
7571015 3 MWF 12:00-1:00
R 10:00-11:50
MEETS: AUG 21-DEC 15

NUMGRAPHICLAB TCQV AER E 161 3 CREDITS
Prereq: AER E 160 OR EQUIVALENT COURSE
Note: COURSE RESTRICTED TO AER E MAJORS ONLY
7834005 1 MWF 9:00-9:50
F 9:00-10:50
MEETS: AUG 21-DEC 15
1085005 W 4:10-5:00
MEETS: AUG 21-DEC 15

AEROSPACE SEMINAR AER E 192 R CREDIT
Satisfactory-Fail Only.
MEETS: AUG 21-DEC 15

INTRO PERFRMNC&DGN AER E 261 3 CREDITS
Prereq: AER E 161, MATH 166, PHYS 221
Note: COURSE RESTRICTED TO AER E MAJORS ONLY
6021005 1 MWF 9:00-9:50
MEETS: AUG 21-DEC 15
6021010 2 MWF 10:00-10:50
MEETS: AUG 21-DEC 15

INDEPENDENT STUDY AER E 290C 1-2 CREDITS
Prereq: SOFTWWR CLASSIFICATION, DEPT APPROVAL
*********** SEE DEPT FOR REFERENCE NUMBERS

FLIGHT EXPERIENCE AER E 301 R CREDIT
Prereq: CREDIT OR ENROLLMENT IN AER E 355
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
Satisfactory-Fail Only.
1160005 1 M 5:10-6:00PM
T 8:00-9:00
MEETS: AUG 21-DEC 15
Note: THE WEDNESDAY 5:10-6:00 P.M. IS A ONE-TIME ONLY MTT ON AUG 26
1160010 2 M 5:10-6:00PM
T 10:00-11:50
MEETS: AUG 21-DEC 15
1160015 3 M 5:10-6:00PM
T 11:00-12:00
MEETS: AUG 21-DEC 15
1160020 4 M 5:10-6:00PM
R 8:00-9:00
MEETS: AUG 21-DEC 15
1160025 5 M 5:10-6:00PM
R 11:00-12:00
MEETS: AUG 21-DEC 15
1160030 6 M 5:10-6:00PM
R 1:10-2:00
MEETS: AUG 21-DEC 15

ASTRODYNAMICS I AER E 351 3 CREDITS
Prereq: E M 345, AER E 261, CREDIT OR ENROLLMENT IN AER E 310
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
Night exams scheduled. For dates go to:
http://www.registrar.iastate.edu/students/exams/night-exams.
1170005 1 TR 9:00-10:50
MEETS: AUG 21-DEC 15
1170010 2 TR 9:00-10:50
MEETS: AUG 21-DEC 15
1170015 3 TR 9:00-10:50
MEETS: AUG 21-DEC 15
1170020 4 TR 9:00-10:50
MEETS: AUG 21-DEC 15
1170025 5 TR 9:00-10:50
MEETS: AUG 21-DEC 15
1170030 6 TR 9:00-10:50
MEETS: AUG 21-DEC 15

COMP TECHNQ AER DSN AER E 361 3 CREDITS
Prereq: AER E 310, MATH 267, E M 324, E M 345
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
1170010 1 TR 11:00-12:15
MEETS: AUG 21-DEC 15
1170015 2 TR 11:00-12:15
MEETS: AUG 21-DEC 15
1170020 3 TR 11:00-12:15
MEETS: AUG 21-DEC 15

FLIGHT CONTROL SYS I AER E 331 3 CREDITS
Prereq: AER E 355
1235005 1 MWF 11:00-12:00
MEETS: AUG 21-DEC 15

FLIGHT CONTROL SYS II AER E 332 2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN AER E 321
9129005 1 M 4:10-5:00
MEETS: AUG 21-DEC 15
9129010 2 M 4:10-5:00
MEETS: AUG 21-DEC 15
9129015 3 M 4:10-5:00
MEETS: AUG 21-DEC 15
9129020 4 M 4:10-5:00
MEETS: AUG 21-DEC 15
9129025 5 M 4:10-5:00
MEETS: AUG 21-DEC 15
9129030 6 M 4:10-5:00
MEETS: AUG 21-DEC 15
9129035 7 M 4:10-5:00
MEETS: AUG 21-DEC 15
9129040 8 M 4:10-5:00
MEETS: AUG 21-DEC 15

FLIGHT CONTROL SYS III AER E 333 3 CREDITS
Prereq: AER E 331
1235010 1 M 5:10-6:00
MEETS: AUG 21-DEC 15

FLIGHT CONTROL SYS IV AER E 334 3 CREDITS
Prereq: AER E 310. CONCURRENT ENROLLMENT IN AER E 310
6493005 1 TR 9:00-10:50
MEETS: AUG 21-DEC 15
6493010 2 TR 9:00-10:50
MEETS: AUG 21-DEC 15
6493015 3 TR 9:00-10:50
MEETS: AUG 21-DEC 15
6493020 4 TR 9:00-10:50
MEETS: AUG 21-DEC 15
6493025 5 TR 9:00-10:50
MEETS: AUG 21-DEC 15

AIRCRAFT FLI DYN&CTL AER E 355 3 CREDITS
Prereq: AER E 261, MATH 267, E M 345
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
1056005 1 MWF 12:00-1:00
MEETS: AUG 21-DEC 15
1056010 2 MWF 12:00-1:00
MEETS: AUG 21-DEC 15
AEROSPACE ENGINEERING (CONTINUED)

COOPERATIVE EDUC AER E 398 R CREDIT
Prereq: 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

AERO VEHIC PROPUL I AER E 411 3 CREDITS
Prereq: AER E 311, AER E 344
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS

ADV FLIGHT STRUCTS AER E 421 3 CREDITS
Prereq: AER E 321, MATH 266 OR 267

DSIGN AEROSP STRUCT AER E 426 3 CREDITS
Prereq: E M 324

IND STU FLIGHT DYNA AER E 490D 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND STU A/GAS DYNAM AER E 490A 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND STU WIND ENGINR AER E 490K 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND STU NONDESTR EV AER E 490J 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND STU ULTRALIGHT AER E 490L 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND STU FLT CONT SYS AER E 490F 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND STU PROPULSION AER E 490B 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND INDEPENDENT STUDY AER E 490 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND DEP STUDY HONORS AER E 490H 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND DEP STUDY DESIGN AER E 490I 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND DEP STUDY AEROELASTI AER E 490G 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND DEP STUDY PROPULSION AER E 490D 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND DEP STUDY ULTRALIGHT AER E 490L 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND DEP STUDY WIND ENGINR AER E 490K 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND DEP STUDY NONDESTR EV AER E 490J 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

IND DEP STUDY AEROELASTI AER E 490G 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL

FALL 2017
MEETS: AUG 21-DEC 15
9597005     TR 12:40-2:00
Note: Meets international perspectives reqmt
Prereq: ANTHR 201 OR ANTHR 306 RECOMMENDED
People&Cultr Afr ica AF AM 325     3 CREDITS
Note: Meets U.S. diversity reqmt
Instructor permission required 1st week.

AFRICAN AND AFRICAN AMERICAN STUDIES

AFRICA AMER RELIG EXP AF AM 334     3 CREDITS
Prereq: PRIOR COURSE WORK IN RELIG OR AF AM RECOMMENDED
Note: Meets U.S. diversity reqmt
8661005     TR 2:10-3:25
MEETS: AUG 21-DEC 15

SEM AFRIC AMER CULT AF AM 460     3 CREDITS
Note: Meets U.S. diversity reqmt
Instructor permission required.
6688005     ARRANGED
MEETS: AUG 21-DEC 15

INDEPENDENT STUDY AF AM 490     1- 3 CREDITS
Prereq: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR
Note: Of the chair of the AF AM stud ies program
Note: Instructor permission required.
8357005     ARRANGED
MEETS: AUG 21-DEC 15
AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

CAD FACILITIES USE  A B E 273  1 CREDIT
4264005  A M 2:10-3:00
 W 7:10-4:00
 MEETS: AUG 21-OCT 13
 Note: SECTION A RESTRICTED TO A E, SSE MAJORS ONLY
 4264010  B M 2:10-3:00
 W 7:10-4:00
 MEETS: AUG 21-OCT 13
 Note: SECTION B RESTRICTED TO AST, I ECE MAJORS ONLY

APPLIED NUMERICAL METHODS  A B E 316  3 CREDITS
Prereq: A B E 169, MATH 266
 835005  A TR 1:10-3:00
 MEETS: AUG 21-DEC 15

BIORENEWABLE SYSTEMS  A B E 325  3 CREDITS
Prereq: ECON 101, CHEM 163 OR HIGHER, MATH 140 OR HIGHER
 9073005  A TR 3:40-5:00
 MEETS: AUG 21-DEC 15
 9073010  B TR 3:40-5:00
 MEETS: AUG 21-DEC 15
 Note: SECTION B RESTRICTED TO AST MAJORS ONLY

ANALYSIS OF FIELD MACH  A B E 340  3 CREDITS
Prereq: A B E 110, A B E 216
 1525005  A TR 10:00-11:50
 MEETS: AUG 21-DEC 15

ELECTRIC POWER & ELECTRONICS  A B E 363  4 CREDITS
Prereq: PHYS 222
 1019005  A TR 11:00-12:30
 W 3:10-5:00
 MEETS: AUG 21-DEC 15
 1019010  B TR 11:00-12:30
 R 3:10-5:00
 MEETS: AUG 21-DEC 15
 1019015  C TR 11:00-12:30
 F 8:00-10:00
 MEETS: AUG 21-DEC 15

SUSTAINABLE ENVIRONMENTAL DEVELOPMENT  A B E 388  3 CREDITS
Prereq: A B E 216 OR EQUIVALENT, MATH 266 OR MATH 267
 Note: COURSE RESTRICTED TO COLLEGE OF ENGINEERING JUNIORS AND SENIORS
 Meets international perspectives reqmt
 8107005  A M 3:10-4:00
 T 4:10-6:00PM
 MEETS: AUG 21-DEC 15

COOPERATIVE EDUCATION  A B E 398  R CREDIT
Prereq: A B E 218, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.

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

A B E INSTRUMENTATION  A B E 404  3 CREDITS
Prereq: A B E 363 OR CPR E 281
 2661005  A TR 8:00-8:50
 T 11:00-3:00
 MEETS: AUG 21-DEC 15
 2661010  B TR 8:00-8:50
 R 11:00-3:00
 MEETS: AUG 21-DEC 15

FLUID POWER ENGG  A B E 413  3 CREDITS
Prereq: CR OR ENROLLMENT IN E K 378 OR E K 332, A B E 216 OR M E 270
 7961005  A MM 9:00-9:50
 W 10:00-11:50
 MEETS: AUG 21-DEC 15
 7961010  B MM 9:00-9:50
 W 11:00-3:00
 MEETS: AUG 21-DEC 15
 7961015  C MM 9:00-9:50
 W 3:10-5:00
 MEETS: AUG 21-DEC 15

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

SOIL AND CONSERVATION  A B E 431  3 CREDITS
Prereq: E M 378 OR E M 356
 9418005  A MN 3:10-4:50
 T 3:10-5:00
 MEETS: AUG 21-DEC 15

MULTIDISCIPLINARY DESIGN  A B E 466  3 CREDITS
Prereq: COURSE MUST BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 8891005  A MN 3:10-5:00
 MEETS: AUG 21-DEC 15

ENGINEERING ANALYSIS  A B E 475  2 CREDITS
Prereq: A B E 271 OR A B E 272, E M 324
 4296005  A W 3:10-7:00PM
 ARRANGED
 MEETS: AUG 21-OCT 13
AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

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

TEACHING PRACTICUM A B E 694 1-3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR
6457005 ARRANGED
MEETS: AUG 21-DEC 15

ENGINEERING INTERNSHIP A B E 697 R CREDIT
Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF Satisfactory-Fail Only.
1700005 ARRANGED
MEETS: AUG 21-DEC 15

DOCTORAL TECH COMM A B E 698 1 CREDIT Satisfactory-Fail Only.
8333005 ARRANGED
MEETS: AUG 21-DEC 15

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

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

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

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

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

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

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

RES ENVIRONMENTAL RES A B E 699SVAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

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

AGRICULTURAL EDUCATION & STUDIES

ORIENT AG &LIFE ED AGEDS 110A 1 CREDIT
Note: COURSE RESTRICTED TO AGLSE MAJORS
1268005 1 M 3:10-4:00
W 3:10-5:00
MEETS: AUG 21-OCT 13

1268010 1 M 3:10-4:00
W 3:10-5:00
MEETS: AUG 21-OCT 13

ORIENTATION AGRI ST ED AGEDS 110B 1 CREDIT
Note: SECTION 1 RESTRICTED TO AG ST MAJORS ONLY
1383005 1 M 3:10-4:00
W 3:10-5:00
MEETS: AUG 21-OCT 13

1383010 2 M 3:10-4:00
W 3:10-5:00
MEETS: AUG 21-OCT 13
Note: SECTION 2 RESTRICTED TO AG ST SOPHOMORES, JUNIORS, AND SENIORS ONLY

AG &LIFE SCI EXPLOR AGEDS 110C 1 CREDIT
8538000 TR 11:00-12:10
MEETS: AUG 21-OCT 13

DEAN’S LDRSHIP SEMINAR AGEDS 111 1 CREDIT
Prereq: PERMISSION OF THE AG LS COLLEGE ASSOCIATE DEAN FOR ACADEMIC PROGRAMS
1334005 T 12:40-2:00
MEETS: AUG 22-OCT 31
Note: THE REQUIRED SIGNATURE IS THAT OF LAURA STEWART, 20 CURTIS
College permission required.

INITIAL FLD EXPERIENCE AGEDS 116 1 CREDIT
Prereq: CLASSIFICATION IN AGLSE MAJOR
4766005 1 M 3:10-4:00, ARRANGED
MEETS: OCT 18-DEC 15

FIELD EXPERIENCE H.S. AGRI AGEDS 211A 1 CREDIT
Prereq: AGEDS 110
7586005 1 ARRANGED
MEETS: AUG 21-DEC 15

FIELD EXPERIENCE AG INDUS AGEDS 211C 1 CREDIT
Prereq: AGEDS 110
7603005 1 ARRANGED
MEETS: AUG 21-DEC 15

Agricultural Education & Studies (Continued)

Career Seminar AGEDS 215 1 CREDIT
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORE CLASSIFICATION OR ABOVE
1385005 1 T 2:10-3:00
MEETS: AUG 21-DEC 15
Note: COURSE NOT OPEN TO FRESHMEN

Found AG Ed Programs AGEDS 310 3 CREDITS
8790005 TR 9:30-10:50
MEETS: AUG 21-DEC 15

Present Strategies AGEDS 311 3 CREDITS
Note: SECTIONS 1A,2A,ETC. RESTRICTED TO AG ST, AGLSE MAJORS ONLY
1272005 1A MWF 11:00-11:50
MEETS: AUG 21-DEC 15

1272010 1B MWF 11:00-11:50
MEETS: AUG 21-DEC 15

1272015 2A TR 8:00-8:50
MEETS: AUG 21-DEC 15

1272020 2B TR 8:00-8:50
MEETS: AUG 21-DEC 15

1272025 3A MWF 8:00-8:50
MEETS: AUG 21-DEC 15

1272030 3B MWF 8:00-8:50
MEETS: AUG 21-DEC 15

1272035 4A MWF 9:00-9:50
MEETS: AUG 21-DEC 15

1272040 4B MWF 9:00-9:50
MEETS: AUG 21-DEC 15

Ag Mechan Applications AGEDS 388 3 CREDITS
6067005 1A T 4:10-6:00PM
W 4:10-7:00PM
MEETS: AUG 21-DEC 15

Note: SECTION 1A RESTRICTED TO MAJORS OTHER THAN AGLSE
9159000 2 TR 11:00-11:50
F 1:10-3:00
MEETS: AUG 21-DEC 15

Leadership in Agric AGEDS 391 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO MAJORS OTHER THAN AGLSE
1356005 ARRANGED
MEETS: AUG 21-DEC 15

Cooperative Education AGEDS 392 3 CREDITS
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
1356005 ARRANGED
MEETS: AUG 21-DEC 15

Note: Permission of department chair required.

Plan AG Ed Programs AGEDS 401 3 CREDITS
1275000 1 TR 9:30-10:50
MEETS: AUG 21-DEC 15

Methods Teaching AG AGEDS 402 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN AGEDS 401
1276000 1 T 11:00-12:20
MEETS: AUG 21-DEC 15

Internship in Agric AGEDS 412 2-6 CREDITS
Prereq: JR CLASSIF IN AGEDS, INSTR PERMISSION
****** SEE DEPT FOR REFERENCE NUMBERS

Pre-Stdt Tchg Exper AGEDS 416 1 CREDIT
Prereq: AGEDS 411, AGEDS 402 AND ADMISSION TO TEACHER EDUC PROGRAM; CONCURRENT ENROLLMENT IN AGEDS 417 IS REQUIRED
1886005 ARRANGED
MEETS: AUG 21-DEC 15

Note: THE REQUIRED SIGNATURE IS THAT OF LAURA STEWART, INSTRUCTOR

College permission required.

College permission required.

College permission required.
AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

SUPRV TEACHING IN AG AGEDS 417 1-6 CREDITS
Prereq: AGEDS 211, AGEDS 402 & ADMISSION TO TEACHER EDUC PROGRAM
1281005 1 ARRANGED
MEETS: AUG 21-DEC 15
FARM MGMT & OPERATION AGEDS 450 3 CREDITS
Prereq: ECON 212, ECON 330, JUNIOR CLASSIFICATION
1386005 1 T 11:00-3:00
W 11:00-5:00
MEETS: AUG 21-DEC 15
1386010 2 T 11:00-3:00
R 11:00-5:00
MEETS: AUG 21-DEC 15
TECNL TRANSFRAA ED AGEDS 461 3 CREDITS
Note: Meets international perspectives reqmt
9564005 1 M 2:10-5:00
MEETS: AUG 21-DEC 15
AG MKTG & COMM COMPET AGEDS 475 1-2 CREDITS
Prereq: ADMISSION BY INVITATION
6063005 1 TR 4:10-5:00
MEETS: AUG 21-DEC 15
MTHDS TCHG AG MECHN AGEDS 488 3 CREDITS
5124005 M 11:00-3:00
R 10:00-4:00
MEETS: AUG 21-DEC 15
IND STU, PHIL, CURRIC AGEDS 490A 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 EMRL SC.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STU BUS, PROD AG AGEDS 490C 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STU, EXTEN, INT'L AGEDS 490D 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 EMRL SC.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STU INSTR TECHNL AGEDS 490E 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 EMRL SC.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STU ENVIR ISSU AGEDS 490F 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 EMRL SC.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS
INDEP STUDY HONORS AGEDS 490H 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM.
Note: PROCESS APPROVED ADD SLIP IN 10 EMRL SC.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
EXCEPTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STU COMMUNICATN AGEDS 490I 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 EMRL SC.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS
AGRI TRAVEL DOMESTC AGEDS 496B 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2017
7499005 1 ARRANGED
MEETS: AUG 21-DEC 15
AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, ADVISER, & DEPARTMENT CHAIR.
Note: Instructor permission required 1st week.
8361005 1 ARRANGED
MEETS: AUG 21-DEC 15
PLAN AG ED PROGRAMS AGEDS 501 3 CREDITS
Prereq: AGEDS 310
7850005 1 TR 9:30-10:50
MEETS: AUG 21-DEC 15
METHODS OF TEACH AG AGEDS 502 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN AGEDS 501
7851005 1 TR 11:00-12:20
MEETS: AUG 21-DEC 15
PRO PRESENTN PROCTC AGEDS 511 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
9244005 1 F 2:10-5:00
MEETS: AUG 21-DEC 15
TEACH EDUC PRACTICM AGEDS 517X 2-6 CREDITS
Prereq: AGEDS 590B, AGEDS 501, AGEDS 502,
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
8692005 1 ARRANGED
MEETS: AUG 21-DEC 15
PROG DEVEL AG & EXTEN AGEDS 524 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
1301005 1 ARRANGED
MEETS: AUG 21-DEC 15
Note: Course delivery is WWW
FOUNDATIONS AG EDUC AGEDS 550 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
2931005 1 ARRANGED
MEETS: AUG 21-DEC 15
Note: Course delivery is WWW
TECNL TRANSFRAA ED AGEDS 561 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: Meets international perspectives reqmt
1305005 M 2:10-5:00
MEETS: AUG 21-DEC 15
QUALTY INTRVW & ANALY AGEDS 568X 3 CREDITS
Prereq: GRADUATE STATUS
4763005 1 ARRANGED
MEETS: AUG 21-DEC 15
Note: Course delivery is WWW
SPCL TOP CURRICULUM AGEDS 590A 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPCL TOPICS METHODS AGEDS 590B 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPCL TOP PHILOSOPHY AGEDS 590C 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPCL TOP EVALUATION AGEDS 590D 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPCL TOP ADMINIST AGEDS 590E 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPCL TOP LEADERSHIP AGEDS 590F 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPCL TOP GUIDANCE AGEDS 590G 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPCL TOP EXTENSION AGEDS 590I 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPCL TOP CURRICULUM AGEDS 590J 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPCL TOP PROGRAM PLAN AGEDS 590L 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

WORKSHOP CURRICULUM AGEDS 593A 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1317005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Tuition Category: Workshop

METHODS WORKSHOP AGEDS 593B 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1318005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Tuition Category: Workshop

WORKSHOP EVALUATION AGEDS 593C 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1319005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Tuition Category: Workshop

ADMINISTRATN WORKSHOP AGEDS 593D 1-3 CREDITS
1320005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Tuition Category: Workshop

WORKSHOP LEADERSHIP AGEDS 593E 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1321005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Tuition Category: Workshop

WORKSHOP EXTENSION AGEDS 593F 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1322005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Tuition Category: Workshop

WRKSHP PROGRAM PLAN AGEDS 593G 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1323005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Tuition Category: Workshop

CREATIVE COMPONENT AGEDS 599 VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
1327005 1 ARRANGED
MEETS: OCT 16-DEC 15

SEMMR PUBLICATN WRIT AGEDS 615A 1 CREDIT
1328005 1 ARRANGED
MEETS: OCT 16-DEC 15

SEMMR GRANT WRITING AGEDS 615C 1 CREDIT
2945005 1 ARRANGED
MEETS: AUG 21-OCT 13

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

AGRONOMY (CONTINUED)

PRO DEVEL:ORIENTATN AGRON 110 1 CREDIT
1390005 1 R 2:10-3:00
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2017
1390100 LT T 2:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION LT FOR LEARNING COMMUNITY STUDENTS ONLY

INTR RENEW RESOURCES AGRON 120 3 CREDITS
1382005 MWF 12:10-1:00 PRITCHARD J
MEETS: AUG 21-DEC 15

GLOBL AG IN CHG WLD AGRON 180 3 CREDITS
Note: MEETS international perspectives reqmt
1850005 MWF 9:00-9:50
MEETS: AUG 21-DEC 15

AGRONOMY
INTRO CROP SCIENCE AGRON 181 3 CREDITS
1914005 TR 12:40-2:00
MEETS: AUG 21-DEC 15

INTRO SOIL SCIENCE AGRON 182 3 CREDITS
1946005 1 MWF 12:10-1:00
MEETS: AUG 21-DEC 15
1946010 2 MWF 3:10-4:00
MEETS: AUG 21-DEC 15

AGRONMST BASIC SKILLS AGRON 183 1 CREDIT
Note: COURSE RESTRICTED TO AGRON MAJORS ONLY
1948005 1 T 9:00-11:50
MEETS: AUG 21-DEC 15

INTRO WEATHERACLMNT AGRON 206 3 CREDITS
1397005 1 MWF 2:10-3:00
MEETS: AUG 21-DEC 15

AGRON CAREER PLANN AGRON 210 1 CREDIT
1398005 M 3:10-4:00
MEETS: AUG 21-DEC 15

WEED IDENTIFICATION AGRON 217 1 CREDIT
Note: Biol 101 OR EQUIVALENT
7385005 1 W 2:10-5:00
MEETS: AUG 21-OCT 13
7385010 2 R 2:10-5:00
MEETS: AUG 21-OCT 13

GEO spaTIAL TECHNOLOGY AGRON 270X 3 CREDITS
8625005 TR 3:40-4:30, ARRANGED
MEETS: AUG 21-DEC 15

FIELD EXPLORATION AGRON 279 3 CREDITS
1069005 1 T 9:00-10:50, ARRANGED
MEETS: AUG 21-DEC 15
Note: REQUIRED FIELD WORK/EXPERIENCE AUGUST 7-18
1069010 2 T 12:10-2:00, ARRANGED
MEETS: AUG 21-DEC 15
Note: REQUIRED FIELD WORK/EXPERIENCE AUGUST 7-18

CROP DEVEL,PROD&MGT AGRON 280 3 CREDITS
1086005 MWF 11:00-11:50
MEETS: AUG 21-DEC 15

SOIL CNSVR&LAND USE AGRON 282 3 CREDITS
Prereq: AGRON 181 OR EQUIVALENT
Note: CREDIT IN EITHER AGRON 260 OR AGRON 282, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
1544005 MWF 9:00-9:50
MEETS: AUG 21-DEC 15

COORDINATOR, SOPHOMORE CLASSIFICATION
AGRON 298 R CREDIT
Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION COORDINATOR, SOPHOMORE CLASSIFICATION
1401005 ARRANGED
MEETS: AUG 21-DEC 15

PROF DEVEL:WORK EXP AGRON 310 R CREDIT
Satisfactory-Fail Only.
1389005 ARRANGED
MEETS: AUG 21-DEC 15

PROFESNL INTERNSHP AGRON 311 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR BEFORE INTERNSHIP BEGINS
8173005 R 3:10-4:00
MEETS: AUG 21-DEC 15

CROP STRUC–FUNC REL AGRON 316 3 CREDITS
Prereq: BIOL 211 RECOMMENDED
1406005 MWF 10:00-10:50
MEETS: AUG 21-DEC 15

PRIN OF WEED SCIENCE AGRON 317 3 CREDITS
Prereq: BIOL 210
1405010 1 MWF 10:00-10:50
MEETS: AUG 21-DEC 15

GENET,AGRI&BIOTECHN AGRON 320 3 CREDITS
Prereq: BIOL 212
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 263, GEN/BIOL 313 AND 31L, GEN/AGRON 320
1418005 TR 11:00-12:15
MEETS: AUG 21-DEC 15

CROP & SEED ID LAB AGRON 330 2 CREDITS
Prereq: AGRON 181 OR EQUIVALENT
1407005 R 3:10-6:00PM
MEETS: AUG 21-DEC 15
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<th>Course Title</th>
<th>Credits</th>
<th>Schedule</th>
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<td>INTERCOLL CROP TEAM AGRON 331</td>
<td>2 CREDITS</td>
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<td>SEED SCIENCE&amp;TECHNOL AGRON 338</td>
<td>3 CREDITS</td>
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<td>AGRON 181 (OR EQUIVALENT) OR HORT 221; BIOL 212</td>
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<td>WORLD FOOD ISSUES AGRON 342</td>
<td>3 CREDITS</td>
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<td>JUNIOR CLASSIFICATION</td>
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<td>GIS FOR GEOSCIENTIST AGRON 452</td>
<td>3 CREDITS</td>
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<td>Geol 100, Geol 201 OR EQUIVALENT</td>
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<td>ENVIR SOIL&amp;WTR CHEM AGRON 459</td>
<td>4 CREDITS</td>
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<td>Two Semesters College-Level Chemistry, Math 140, AGRON 182 (OR EQUIVALENT) OR AGRON 360. Geol 100 AND AGRON 354 RECOMMENDED.</td>
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<tr>
<td>ISSUES SUSTAIN AGRI AGRON 450</td>
<td>3 CREDITS</td>
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<td>PRO DEVELP SR FORUM AGRON 410</td>
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<td>INTRO PLANT BREEDNG AGRON 421</td>
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<td>AGROECOLOGY FLD CRS AGRON 497</td>
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</table>
AGRONOMY (CONTINUED)

AGROECOSY NUTR CYC AGRON 556 3 CREDITS
Prereq: 3 CR IN CHEMISTRY AND 6 CR IN BIOLOGY.
RECOMMENDED: ENSCI 382, 383, 384, 553, OR UP-LEVEL COURSES IN NUTRIENT CYCLES.
7325005 TR 9:30-10:30
MEETS: AUG 21-DEC 15

ENVR SOIL&WTR CHEM AGRON 559 4 CREDITS
Prereq: AGRON 354 OR ENSCI 360; CHEM 178; MATH 140. CHEM 211 OR CHEM 221 RECOMMENDED.
4371010 1 TR 11:30-12:30
MEETS: AUG 21-DEC 15

POP&QUANT GEN BREED AGRON 561 4 CREDITS
Prereq: STAT 401
6460005 TR 9:00-10:00
DEKKERS J

AG&VET RISK ASSESMNT AGRON 570 4 CREDITS
Prereq: STATISTICS 300 LEVEL OR HIGHER.
8557005 ARRANGED

SOIL FORM&TRANSFORM AGRON 575 3 CREDITS
Prereq: AGRON 463 OR EQUIVALENT
1463005 MWF 12:10-1:10
MEETS: AUG 21-DEC 15

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

CR COMP AG METEOROL AGRON 599A VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1472005 ARRANGED
MEETS: AUG 21-DEC 15

CR COMP CROP PROD&PH AGRON 599B VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1473005 ARRANGED
MEETS: AUG 21-DEC 15

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS
Preq: NONTHESIS M.S. OPTION ONLY
1474005 ARRANGED
MEETS: AUG 21-DEC 15

CR COMP SOIL FERTIL AGRON 599D VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1476005 ARRANGED
MEETS: AUG 21-DEC 15

CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1478005 ARRANGED
MEETS: AUG 21-DEC 15

CR COMP PHYSCS AGRON 599F VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1480005 ARRANGED
MEETS: AUG 21-DEC 15

CRTV COMP SEED SCI AGRON 599G VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1639005 ARRANGED
MEETS: AUG 21-DEC 15

CRTV COMP WEED SCI AGRON 599H VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1649005 ARRANGED
MEETS: AUG 21-DEC 15

FOUND SUSTAINABLE AG AGRON 610 3 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION.
Note: COURSE IS FOR SUSTAG MAJORS. NON-MAJORS BY PERMISSION OF THE INSTRUCTOR.
3264005 TR 11:00-12:20
MEETS: AUG 21-DEC 15

RESEARCH SEMINAR AGRON 696 1 CREDIT
Satisfactory-Fail Only.
8829005 W 4:10-5:30
MEETS: AUG 21-DEC 15

AGRONOMY (CONTINUED)

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

APPROPRIATIONS TO AGRONOMY AGRON 699A VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

APPROPRIATIONS TO AGRONOMY AGRON 699B VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

APPROPRIATIONS TO AGRONOMY AGRON 699C VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESPLANT PHYSICS AGRON 699D VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESPLANT BREEDING AGRON 699E VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

AIR FORCE AEROSPACE STUDIES

INTR LDRSH LAB&TNR AFAS 103 2 CREDITS
Prereq: MEMBERSHIP AS A CADET IN AFROTC
7300005 MF 6:30-7:30, ARRANGED
MEETS: AUG 21-DEC 15

FOUND U$ AIR FORCE AFAS 141 1 CREDIT
1260005 A TR 9:00-9:50
MEETS: AUG 21-DEC 15

MEETS: AUG 21-DEC 15

BAD 103 2 CREDITS
Prereq: MEMBERSHIP AS A CADET IN AFROTC
7317005 MF 6:30-7:30, ARRANGED
MEETS: AUG 21-DEC 15

MEETS: AUG 21-DEC 15

MEETS: AUG 21-DEC 15

INTMD LDRSH LAB&TNR AFAS 303 2 CREDITS
Prereq: MEMBERSHIP AS A CADET IN AFROTC
7383005 MF 6:30-7:30, ARRANGED
MEETS: AUG 21-DEC 15

MEETS: AUG 21-DEC 15

MEETS: AUG 21-DEC 15

MEETS: AUG 21-DEC 15

MEETS: AUG 21-DEC 15

MEETS: AUG 21-DEC 15

MEETS: AUG 21-DEC 15
AMERICAN INDIAN STUDIES

INTR AM INDIAN STD I AM IN 210 3 CREDITS
Note: Meets U.S. diversity reqmt
1506005 A MWF 9:00-10:50 MEETS: AUG 21-DEC 15
1506010 B MWF 10:00-10:50 MEETS: AUG 21-DEC 15
1506015 C MWF 11:00-11:50 MEETS: AUG 21-DEC 15
1506020 D MWF 1:10-2:00 MEETS: AUG 21-DEC 15
1506025 E MWF 2:10-3:00 MEETS: AUG 21-DEC 15
1506030 F MWF 3:10-4:00 MEETS: AUG 21-DEC 15
AMERICANS INDIAN AM IN 225X 3 CREDITS
Note: Meets U.S. diversity reqmt
8441005 MWF 10:00-10:50 MEETS: AUG 21-DEC 15
5612005 A TR 11:00-12:20 MEETS: AUG 21-DEC 15

TOP AM INDI NATIV AM IN 310G 3 CREDITS
Prereq: AM IN 210, ANTR 201, ANTR 306, OR ANTR 322 IE/AM IN
Note: NO MORE THAN 9 CREDITS OF AM IN 310 MAY BE APPLIED TOWARD GRADUATION
2197005 MWF 1:10-2:00 MEETS: AUG 21-DEC 15
Note: TOPIC: ART AND IDENTIY
PEOPLE & CUL NATIV AM AM IN 322 3 CREDITS
Prereq: ANTR 201 OR AM IN 210
Note: Meets U.S. diversity reqmt
1508005 MWF 12:10-1:00 MEETS: AUG 21-DEC 15

TOPICS NATIVE AM & ART AM IN 426 3 CREDITS
Note: NO MORE THAN 6 CREDITS OF AM IN 426 MAY BE APPLIED TO THE ARCHITECTURE DEGREE PROGRAM. Meets U.S. diversity reqmt
1774005 1A T 7:00-10:00PM MEETS: AUG 21-DEC 15
Note: SECTION 1A TOPIC: NATIVE AMERICAN ARCHITECTURE. SECTION 1A RESTRICTED TO ARCH, ARCH MAJORS ONLY.
1774010 1B T 7:00-10:00PM MEETS: AUG 21-DEC 15
Note: SECTION 1B TOPIC: NATIVE AMERICAN ARCHITECTURE. SECTION 1B RESTRICTED TO MAJORS OTHER THAN ARC, ARCH.

INDEPENDENT STUDY AM IN 490 VARI. CREDITS
Prereq: 6 CR IN AM IN STUDIES, PERMISSION OF DEPARTMENT CHAIR
Note: NO MORE THAN 6 CREDITS OF AM IN 490 MAY BE APPLIED TOWARD GRADUATION. If more than 3 CREDITS are taken, they must be from different instructors.

AMERICAN SIGN LANGUAGE

AMER SIGN LANGUAG I ASL 101 4 CREDITS
Note: Meets U.S. diversity reqmt
9364005 1 M 9:00-10:50 MEETS: AUG 21-DEC 15
9364010 2 M 10:00-11:50 MEETS: AUG 21-DEC 15
9364015 3 M 11:00-12:50 MEETS: AUG 21-DEC 15
9364020 4 M 12:10-2:00 MEETS: AUG 21-DEC 15
INTRO AM SIGN LAG I ASL 201 4 CREDITS
Prereq: ASL 102 OR EQUIVALENT
9372005 1 TR 10:00-12:00 MEETS: AUG 21-DEC 15
ASL CMMRTV LINGUIS ASL 350X 3 CREDITS
Prereq: ASL 306
5603005 1 TR 12:40-2:00 MEETS: AUG 21-DEC 15
INDEPENDENT STUDY ASL 490 1-6 CREDITS
Prereq: 6 CREDITS IN ASL, PERMISSION OF DEPARTMENT CHAIR
Note: NO MORE THAN 6 CREDITS IN ASL 490 MAY BE APPLIED TOWARD GRADUATION

ANIMAL ECOLOGY

ECOLOGY A ECL 312 4 CREDITS
Prereq: BIOL 211L AND BIOL 212L
Note: 2-PART COURSE. REGISTER FOR A LECTURE SECTION (LETTERED SECTIONS A-B) FIRST AND THEN A LAB SECTION (NUMBERED SECTIONS 1-18). STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE AND LAB WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
1061003 A TR 8:00-9:15 MEETS: AUG 21-DEC 15
1061004 B TR 9:20-10:35 MEETS: AUG 21-DEC 15
Note: SECTION B IS TEAM BASED LEARNING
1061005 1 M 11:00-12:00 MEETS: AUG 21-DEC 15
1061010 2 M 12:10-1:00 MEETS: AUG 21-DEC 15
1061015 3 M 12:10-1:00 MEETS: AUG 21-DEC 15
1061020 4 M 2:10-3:00 MEETS: AUG 21-DEC 15
1061025 5 M 3:10-6:00PM MEETS: AUG 21-DEC 15
1061030 6 T 10:00-1:00 MEETS: AUG 21-DEC 15
1061040 7 T 12:10-3:00 MEETS: AUG 21-DEC 15
1061045 8 T 1:10-4:00 MEETS: AUG 21-DEC 15
1061050 9 T 3:10-6:00PM MEETS: AUG 21-DEC 15
1061055 10 W 9:00-11:50 MEETS: AUG 21-DEC 15
1061060 11 W 11:00-2:00 MEETS: AUG 21-DEC 15
1061065 12 W 12:10-3:00 MEETS: AUG 21-DEC 15
1061070 13 W 2:10-5:00 MEETS: AUG 21-DEC 15
1061075 14 W 3:10-6:00PM MEETS: AUG 21-DEC 15
1061080 15 R 10:00-12:50 MEETS: AUG 21-DEC 15
1061085 16 R 12:10-3:00 MEETS: AUG 21-DEC 15
1061090 17 R 1:10-4:00 MEETS: AUG 21-DEC 15
1061095 18 R 3:10-6:00PM MEETS: AUG 21-DEC 15

FISHERIES TECHNIQS A ECL 333 2 CREDITS
Prereq: BIOL 212
4065005 M 4:10-5:00 MEETS: AUG 21-DEC 15
WEBER M
1061004 M 11:00-12:00 MEETS: AUG 21-DEC 15
WEBER M

VERTEBRATE BIOLOGY A ECL 365 4 CREDITS
Prereq: BIOL 211L, BIOL 212L
1062005 1 MWF 9:00-9:50 MEETS: AUG 21-DEC 15
ADAMS D
T 6:00-8:00PM MEETS: AUG 21-DEC 15
1062010 2 MWF 9:00-9:50 MEETS: AUG 21-DEC 15
ADAMS D
T 10:00-11:50 MEETS: AUG 21-DEC 15
1062015 3 MWF 9:00-9:50 MEETS: AUG 21-DEC 15
ADAMS D
T 12:10-2:00 MEETS: AUG 21-DEC 15
1062020 4 MWF 9:00-9:50 MEETS: AUG 21-DEC 15
ADAMS D
T 3:10-5:00 MEETS: AUG 21-DEC 15
1062025 5 MWF 9:00-9:50 MEETS: AUG 21-DEC 15
ADAMS D
W 10:00-11:50 MEETS: AUG 21-DEC 15
1062030 6 MWF 9:00-9:50 MEETS: AUG 21-DEC 15
ADAMS D
W 1:10-3:00 MEETS: AUG 21-DEC 15
1062035 7 MWF 9:00-9:50 MEETS: AUG 21-DEC 15
ADAMS D
W 3:10-5:00 MEETS: AUG 21-DEC 15
1062040 8 MWF 9:00-9:50 MEETS: AUG 21-DEC 15
ADAMS D
R 10:00-11:50 MEETS: AUG 21-DEC 15
1062045 9 MWF 9:00-9:50 MEETS: AUG 21-DEC 15
ADAMS D
R 12:10-2:00 MEETS: AUG 21-DEC 15

ECOLOGICAL METHODS A ECL 371 3 CREDITS
Prereq: A ECL 312, STAT 101 OR STAT 104
1073005 1 MW 12:10-1:00 MEETS: AUG 21-DEC 15
ADELMAN J
T 3:10-6:00PM MEETS: AUG 21-DEC 15
1073010 2 MW 12:10-1:00 MEETS: AUG 21-DEC 15
ADELMAN J
R 11:00-2:00 MEETS: AUG 21-DEC 15
ANIMAL SCIENCE (CONTINUED)

STREAM ECOLOGY A ECL 418 3 CREDITS
Prereq: A ECL 486
2731005 TR 1:10-2:00 PIERCE C
2:10-3:00 PIERCE C
MEETS: AUG 21-DEC 15
F 12:10-2:00 MEETS: AUG 21-DEC 15

FISHERY MANAGEMENT A ECL 440 3 CREDITS
Prereq: A ECL 312, A ECL 321, STAT 101 or STAT 104; CREDIT OR ENROLLMENT IN A ECL 486
1076005 1 MW 9:00-9:50 WEBER M
2:10-3:00 WEBER M
MEETS: AUG 21-DEC 15
1076010 2 T 11:00-1:50 MEETS: AUG 21-DEC 15
HERPETOLOGY A ECL 457 2 CREDITS
Prereq: BIOL 351 or A ECL 365 or A ECL 366; CONCURRENT REGISTRATION IN BIOL 457 or A ECL 457
2751005 1 MW 11:00-1:50 MEETS: AUG 21-DEC 15
1074005 TR 9:30-10:50 MEETS: AUG 21-DEC 15
AQUATIC ECOLOGY A ECL 486 3 CREDITS
Prereq: BIOL 312 or HNSCI 381 or HNSCI 402 or HREM 301
8126005 TR 1:10-2:00 PIERCE C
2:10-3:00 PIERCE C
MEETS: AUG 21-DEC 15
FISHERY MANAGEMENT A ECL 486L 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN A ECL 486 or BIOL 486
1512005 1 T 12:10-3:00 MEETS: AUG 21-DEC 15
1512010 2 T 3:10-6:00PM MEETS: AUG 21-DEC 15
STREAM ECOLOGY A ECL 518 3 CREDITS
Prereq: A ECL 486
Note: Instructor permission required 1st week.
8120005 TR 1:10-2:00 PIERCE C
2:10-3:00 PIERCE C
MEETS: AUG 21-DEC 15

BEHAVIORAL ECOLOGY A ECL 551 3 CREDITS
Prereq: A ECL 312, A ECL 321, STAT 101 or STAT 104; CREDIT OR ENROLLMENT IN A ECL 486
1101005 1 MW 9:00-9:50 WEBER M
2:10-3:00 WEBER M
MEETS: AUG 21-DEC 15
1104005 MW 10:00-10:50 NUNEZ C
9:00-10:50 NUNEZ C
MEETS: AUG 21-DEC 15

CREATIVE COMPONENT A ECL 599 VAR. CREDITS
Prereq: Nonthesis M.S. option only
******** SEE DEPT FOR REFERENCE NUMBERS

ANALYSIS OF POPULATIONS A ECL 611 3 CREDITS
Prereq: BIOL 312, STAT 401, A COURSE IN CALCULUS
8093005 MW 11:00-11:50 KLAVER R
MEETS: AUG 21-DEC 15

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

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

ANIMAL SCIENCE

WORKING WITH ANIMALS AN S 101 2 CREDITS
1527005 T 1:10-2:00 SKAAR B
1:10-2:00 SKAAR B
F 8:00-9:50 SKAAR B
MEETS: AUG 21-DEC 15
1527010 2 W 1:10-2:00 SKAAR B
1:10-2:00 SKAAR B
F 10:00-11:50 SKAAR B
MEETS: AUG 21-DEC 15
1527015 3 W 1:10-2:00 SKAAR B
1:10-2:00 SKAAR B
F 10:00-11:50 SKAAR B
MEETS: AUG 21-DEC 15
1527020 4 W 1:10-2:00 SKAAR B
1:10-2:00 SKAAR B
F 10:00-11:50 SKAAR B
MEETS: AUG 21-DEC 15
1527025 5 T 12:40-1:30 SKAAR B
12:40-1:30 SKAAR B
F 8:00-9:50 SKAAR B
MEETS: AUG 21-DEC 15
1527030 6 T 12:40-1:30 SKAAR B
12:40-1:30 SKAAR B
F 10:00-11:50 SKAAR B
MEETS: AUG 21-DEC 15
1527035 7 T 12:40-1:30 SKAAR B
12:40-1:30 SKAAR B
MEETS: AUG 21-DEC 15

WORKING WITH ANIMALS AN S 101 2 CREDITS
1527040 T 12:40-1:30 SKAAR B
12:40-1:30 SKAAR B
MEETS: AUG 21-DEC 15

ORIENTATION IN AN S AN S 110 1 CREDIT
Note: COURSE RESTRICTED TO AN S, Dy S, GENPV MAJORS
1518005 1 T 2:10-3:00 BUNDY J
2:10-3:00 BUNDY J
MEETS: AUG 21-DEC 15
1518010 2 T 2:10-3:00 R 3:10-4:00 MEETS: AUG 21-DEC 15
SURVEY ANIMAL INDUS AN S 114 2 CREDITS
1519005 T 8:00-9:50 STERLE J
MEETS: AUG 21-DEC 15

PRA SAFE EQUIN NMLD AN S 116 1 CREDIT
Note: SECTION 5 RESTRICTED TO AN S, Dy S, GENPV MAJORS
9735005 1 TR 2:10-4:00 SCHULZ K
MEETS: OCT 16-DEC 15

LVSTCK HANDL,SAFE,W AN S 190 2 CREDITS
2885005 T 12:10-3:00 KRAHN G
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

CAREER PREP AN SCI AN S 210 1 CREDIT
Prereq: SOPHOMORE CLASSIFICATION IN AN S
1621005 R 3:10-5:00 MEETS: AUG 21-DEC 15
1621010 2 R 3:10-5:00 MEETS: AUG 21-DEC 15

ISSUES FACING AN S AN S 211 1 CREDIT
Prereq: 114, SOPHOMORE CLASSIFICATION
Satisfactory-Fail Only
1542005 T 4:10-6:00PM STERLE J
MEETS: AUG 21-DEC 15

DOMEST ANIM PHYSIOL AN S 214 3 CREDITS
1521005 W 9:00-9:50 MEETS: AUG 21-DEC 15

DOM AN ANAT&PHY LAB AN S 214L 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN AN S 214
1545005 T 8:00-9:50 JUAREZ J
MEETS: AUG 21-DEC 15
1545010 2 T 10:00-11:50 MEETS: AUG 21-DEC 15
1545015 3 T 12:10-2:00 MEETS: AUG 21-DEC 15
1545020 4 T 12:10-2:00 MEETS: AUG 21-DEC 15
1545025 5 R 2:10-4:00 JUAREZ J
MEETS: AUG 21-DEC 15
1545030 6 R 2:10-4:00 JUAREZ J
MEETS: AUG 21-DEC 15
1545035 7 R 10:00-11:50 JUAREZ J

EQUINE SCIENCE AN S 216 3 CREDITS
Prereq: 101 or 114; ONE COURSE IN BIOLOGY
4825005 TR 9:00-10:50 SCHULZ K
M 10:00-11:50 SCHULZ K
MEETS: AUG 21-DEC 15
4825010 2 TR 9:00-10:50 SCHULZ K
M 12:10-2:00 SCHULZ K
MEETS: AUG 21-DEC 15
4825015 3 TR 9:00-9:50 SCHULZ K
M 12:10-2:00 SCHULZ K
MEETS: AUG 21-DEC 15

EQUINE FARM PRACTCM AN S 217 2 CREDITS
Prereq: AN S MAJOR, RIDING EXPERIENCE AN S, CREDIT OR ENROLLMENT IN AN S 216
1690005 T 11:00-11:50 FERBERDA N
ARANGED MEETS: AUG 21-DEC 15

POULTRY SCIENCE AN S 223 3 CREDITS
Prereq: 101, 114
1695005 MW 11:00-11:50 BOBECK E
T 10:00-11:00 BOBECK E
MEETS: AUG 21-DEC 15
ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE
AN S 225 3 CREDITS
Prereq: AN S 114, AN S 101
Note: SEC 1A,1B,ETC. RESTRICTED TO AN S MAJORS, SEC 1B,2B,ETC. RESTRICTED TO MAJORS OTHER THAN AN S, DY S. ESTHER AN S 225 OR THE AN S 280/280X AND AN S 280L PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

1725005 1A MF 10:00-10:50
W 10:00-11:50
MEETS: AUG 21-DEC 15
KRAHN G

1725010 1B MF 10:00-10:50
W 10:00-11:50
MEETS: AUG 21-DEC 15
KRAHN G

1725015 2A MF 10:00-10:50
W 10:00-11:50
MEETS: AUG 21-DEC 15
KRAHN G

1725020 2B MF 10:00-10:50
W 12:10-2:00
MEETS: AUG 21-DEC 15
KRAHN G

1725025 3A MF 10:00-10:50
W 12:10-2:00
MEETS: AUG 21-DEC 15
KRAHN G

1725030 3B MF 10:00-10:50
W 12:10-2:00
MEETS: AUG 21-DEC 15
KRAHN G

1725035 4A MF 10:00-10:50
W 12:10-2:00
MEETS: AUG 21-DEC 15
KRAHN G

1725040 4B MF 10:00-10:50
W 8:00-9:50
MEETS: AUG 21-DEC 15
KRAHN G

BEEF CATTLE SCIENCE
AN S 226 3 CREDITS
Prereq: 124, 101
Note: SEC A1,B1,ETC. RESTRICTED TO SR S, DY S MAJORS, SEC A2,B2,ETC. RESTRICTED TO MAJORS OTHER THAN AN S, DY S.

1726005 1A MW 9:00-9:50
R 8:00-9:50
MEETS: AUG 21-DEC 15
SKAAR B

1726010 1B MW 9:00-9:50
R 8:00-9:50
MEETS: AUG 21-DEC 15
SKAAR B

1726015 2A MW 9:00-9:50
R 10:00-11:50
MEETS: AUG 21-DEC 15
SKAAR B

1726020 2B MW 9:00-9:50
R 10:00-11:50
MEETS: AUG 21-DEC 15
SKAAR B

1726025 3A MW 9:00-9:50
R 12:10-2:00
MEETS: AUG 21-DEC 15
SKAAR B

1726030 3B MW 9:00-9:50
R 12:10-2:00
MEETS: AUG 21-DEC 15
SKAAR B

1726035 4A MW 9:00-9:50
R 2:10-4:00
MEETS: AUG 21-DEC 15
SKAAR B

1726040 4B MW 9:00-9:50
R 2:10-4:00
MEETS: AUG 21-DEC 15
SKAAR B

DAIRY CATTLE SCIENCE
AN S 235 3 CREDITS
Prereq: AN S 112, 114

1523005 1 TR 1:10-2:00
BURGETT C

1523010 2 TR 1:10-2:00
BURGETT C

1523015 3 TR 1:10-2:00
BURGETT C

1523020 4 TR 1:10-2:00
BURGETT C

FOODS ANIMAL ORIGIN
AN S 270 2 CREDITS
Prereq: BIOL 212, CHEM 143 OR CHEM 177

1524010 1 TR 8:00-8:50
MEETS: AUG 21-DEC 15

FOODS ANIMAL ORIG LAB
AN S 270L 1 CREDIT
Prereq: CREDIT OR CURRENT ENROLLMENT IN AN S 270

7169005 1 W 8:00-9:50
OLSEN S

7169010 2 W 10:00-11:50
OLSEN S

7169015 3 W 12:10-2:00
OLSEN S

MEETS: AUG 21-DEC 15

LIVESTOCK EVALUATN
AN S 305 3 CREDITS
Prereq: JUNIOR CLASSIFICATION; AN S 270L RECOMMENDED

1526005 A TR 2:10-5:00
CASSADY C

MEETS: AUG 21-DEC 15

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE
AN S 306 3 CREDITS
Prereq: SOHP CLASSICATN OR INSTRUCTOR PERMISSION

3582005 1 MF 8:00-9:50
FERWERNAD

MEETS: AUG 21-DEC 15

FND HORSE HLTR TRNG
AN S 317A 1-3 CREDITS
Note: NO MORE THAN 4 CREDITS OF AN S 317 MAY BE APPLIED TOWARD GRADUATION.

9192005 1 TR 2:10-4:00
FERWERNAD

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

1529005 1 TR 8:00-9:20
MEETS: AUG 21-DEC 15

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

1635005 1 W 8:00-9:50
ROSSONI-SERAO M

1635010 2 W 8:00-9:50
ROSSONI-SERAO M

MEETS: AUG 21-DEC 15

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

1531005 1 MF 1:10-2:00
YOUNG C

MEETS: AUG 21-DEC 15

DOMSTC ANIM BEHAVR
AN S 336 3 CREDITS
Prereq: ONE COURSE IN PHYSIOLOGY

1938005 1 TR 12:10-1:00
JOHNSON A

W 8:00-9:50
MEETS: AUG 21-DEC 15

JOHNSON A

1938010 2 TR 12:10-1:00
JOHNSON A

W 10:00-11:50
MEETS: AUG 21-DEC 15

GENET IMPRV DOM ANI
AN S 352 3 CREDITS
Prereq: ONE COURSE IN STATISTICS, BIOL 211/211,

1534010 1 W 10:00-11:50
BUNDY J

T 8:00-9:50
BUNDY J

1534015 2 W 10:00-11:50
BUNDY J

T 8:00-9:50
BUNDY J

MEETS: AUG 21-DEC 15

1534020 3 W 10:00-11:50
BUNDY J

T 12:10-2:00
BUNDY J

MEETS: AUG 21-DEC 15

ANIM SCI INTERNSHIP
AN S 399A 2-6 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR

1538005 1 TR 12:10-1:00
BURGETT C

MEETS: AUG 21-DEC 15

SUPERV'D INTERNSHIP
AN S 399B R CREDIT
Prereq: PERMISSION OF INTERNSHIP COORDINATOR

2258005 ARANGED
BURGETT C

MEETS: AUG 21-DEC 15

ISSUES ANIMAL SCIENCE
AN S 411 1 CREDIT

1713005 1 T 4:10-6:00
SKAAR B

MEETS: AUG 21-DEC 15
ANIMAL SCIENCE (CONTINUED)

EQUINE SYSTEMS MGMT AN S 415 3 CREDITS
Prereq: 216, 319, 320, 331
8779005 1 TR 12:10-1:10, 12:10-1:10 W 12:10-2:00
MEETS: AUG 21-DEC 15

ADV ANI ML NUTRITION AN S 419 2 CREDITS
Prereq: 216, 319, 320, 331, 332
1756005 A TR 3:10-4:00
MEETS: AUG 21-DEC 15

COMPAN ANI ML SYS MGT AN S 424 3 CREDITS
Prereq: 224, 319, 320, 331, 332
1803005 A 1 MW 11:00-12:00, 11:00-12:00 ROSSONI-SERAO M
R 2:10-4:00 ROSSONI-SERAO M
MEETS: AUG 21-DEC 15

SWINE SYSTEMS MGMT AN S 425 3 CREDITS
Prereq: AN S 225, AN S 270, AN S 270L, AN S 319, AN S 320, AN S 331, AN S 332, ECON 230 or EQUIVALENT IS RECOMMENDED.
1549005 1 MF 1:10-2:00, 1:10-2:00 STALDER K
W 12:10-1:10, 12:10-1:10 STALDER K
MEETS: AUG 21-DEC 15

DAIRY SYSTEMS MGMT AN S 434 3 CREDITS
Prereq: 235, 319, 320, 331, 332, 352, ECON 230 or EQUIVALENT IS RECOMMENDED.
1552005 1 MF 3:10-4:00, 3:10-4:00 MEETS: AUG 21-DEC 15

JUDGING MEAT ANIMAL AN S 475A 1- 2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED TOWARD GRADUATION
5560005 ARRANGED
MEETS: AUG 21-DEC 15

JUDGNG DAIRY CATTLE AN S 475B 1- 2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED TOWARD GRADUATION
1557005 ARRANGED
BURGESS C
MEETS: AUG 21-DEC 15

BEEF INDU LDR FELLIW AN S 480A 1 CREDIT
Prereq: 225, INSTRUCTOR PERMISSION Satisfactory-Fail Only.
8710005 1 ARRANGED
MEETS: AUG 21-DEC 15

POK INDU LDR FELLIW AN S 480C 1 CREDIT
Prereq: 225, INSTRUCTOR PERMISSION Satisfactory-Fail Only.
4509005 ARRANGED
MEETS: AUG 21-DEC 15

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

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

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

ANIMAL SCIENCE (CONTINUED)

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

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

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

INDEP STU POULTRY SCI AN S 490I 1- 3 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU PROF TOPICS AN S 490K 1- 3 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS
ANIMAL SCIENCE (CONTINUED)

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

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

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

CRTV COMP AN NUTRI AN S 599B 1-8 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

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

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

CRTV COMP AN MEAT SCI AN S 599E 1-8 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

ANIML NUTRITION SEM AN S 603 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
1591005 1 M 4:10-5:00
MEETS: AUG 21-DEC 15

ADV NUTRI--ENERGY AN S 620 2 CREDITS
Prereq: BBMB 405
Note: Instructor permission required 1st week.
1595005 1 T 2:10-4:00
MEETS: AUG 21-DEC 15

SEM AN BREDDG&GENET AN S 658 1 CREDIT
Prereq: BBMB 405, BBMB 420, OR BBMB 502
1602005 1 ARRANGED
MEETS: AUG 21-DEC 15

MOLECUL BIOL MUSCLE AN S 670 3 CREDITS
Prereq: BBMB 405, BBMB 420, OR BBMB 502
1602005 1 ARRANGED
MEETS: AUG 21-DEC 15

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

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

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

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

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

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

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

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

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

ANTHROPOLOGY (CONTINUED)

INTRO CULTUR ANTHR ANTHR 201 3 CREDITS
Note: Meets international perspectives reqmt
1615005 1 MW 9:00-9:50
MEETS: AUG 21-DEC 15

1615010 2 MW 9:00-9:50
MEETS: AUG 21-DEC 15

1615015 3 MW 9:00-9:50
MEETS: AUG 21-DEC 15

1615020 4 MW 9:00-9:50
MEETS: AUG 21-DEC 15

1615025 5 MW 9:00-9:50
MEETS: AUG 21-DEC 15

1615030 6 MW 9:00-9:50
MEETS: AUG 21-DEC 15

1615035 7 MW 9:00-9:50
MEETS: AUG 21-DEC 15

INTRO CULTUR ANTHR ANTHR 202 3 CREDITS
Note: Meets U.S. diversity reqmt
842005 1 TR 11:00-12:20
MEETS: AUG 21-DEC 15

GLOBALZAT&HUMN COND ANTHR 230 3 CREDITS
Note: Meets international perspectives reqmt
7017005 1 TR 11:00-12:20
MEETS: AUG 21-DEC 15

ARCHAEOLOGY ANTHR 308 3 CREDITS
Prereq: 202
Note: Instructor permission required 1st week.
1619005 1 MW 10:00-10:50
MEETS: AUG 21-DEC 15

1619010 2 MW 10:00-10:50
MEETS: AUG 21-DEC 15

1619015 3 MW 10:00-10:50
MEETS: AUG 21-DEC 15

1619020 4 MW 10:00-10:50
MEETS: AUG 21-DEC 15

1619025 5 MW 10:00-10:50
MEETS: AUG 21-DEC 15

1619030 6 MW 10:00-10:50
MEETS: AUG 21-DEC 15

KINSHIP&MARRIAG GLOBL ANTHR 313 3 CREDITS
Prereq: 201 RECOMMENDED
Note: Meets international perspectives reqmt
1623005 1 TR 9:10-10:50
MEETS: AUG 21-DEC 15

PEOPLE&CUAT NATV N AM ANTHR 322 3 CREDITS
Prereq: 201 OR AM IN 210
Note: Meets U.S. diversity reqmt
1626005 1 TR 12:10-1:00
MEETS: AUG 21-DEC 15

PEOPLE&CULTR AFRICA ANTHR 325 3 CREDITS
Prereq: ANTHR 201 OR ANTHR 306 RECOMMENDED
Note: Meets international perspectives reqmt
9589005 1 TR 12:10-2:00
MEETS: AUG 21-DEC 15

INTERNSHIP ARCHAEOL ANTHR 434A 2-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING
Note: No more than 4 credits of internship experience may count towards the major. No credit in ANTHR 434 may be used to satisfy ANTH AM core course requirements for the major or for the minor.
Satisfactory-Fail only.
7718001 ARRANGED
MEETS: AUG 21-DEC 15
ANTHROPOLOGY (CONTINUED)

INTERNSHIP CULTURAL ANTHR 434B 2-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434 MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS FOR THE MAJOR OR FOR THE ANTHR MINOR. Offered for 2 CREDITS FALL 2017.
Satisfactory-Fail Only.
1031005 ARRANGED
MEETS: AUG 21-DEC 15

INTERNSHIP BIOLOGIC ANTHR 434C 2-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434 MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS FOR THE MAJOR OR FOR THE ANTHR MINOR. Offered for 2 CREDITS FALL 2017.
Satisfactory-Fail Only.
1072005 ARRANGED
MEETS: AUG 21-DEC 15

INTERNSHIP LINGUISTIC ANTHR 434D 2-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434 MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS FOR THE MAJOR OR FOR THE ANTHR MINOR. Offered for 2 CREDITS FALL 2017.
Satisfactory-Fail Only.
1094005 ARRANGED
MEETS: AUG 21-DEC 15

HISTORIC/ THEORETICAL ANTHR 450 3 CREDITS
Prereq: 306
6249005 1 TR 2:10-3:30
MEETS: AUG 21-DEC 15
PRACTICUM ARCHAEOL ANTHR 451A 1-3 CREDITS
Prereq: 201 OR 202 OR 308
Note: Instructor permission required.
4780015 MH ARRANGED
MEETS: AUG 21-DEC 15
4780010 NC ARRANGED
MEETS: AUG 21-DEC 15
PRACTICUM CULTURAL ANTHR 451B 1-3 CREDITS
Note: Instructor permission required.
1095010 JD ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION JD OFFERED FOR 3 CREDITS
PRACTICUM BIOLOGICAL ANTHR 451C 1-3 CREDITS
Prereq: 201 OR 202 OR 308
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS
PRACTICUM LINGUISTIC ANTHR 451D 1-3 CREDITS
Prereq: 201 OR 202 OR 308
Note: Instructor permission required.
1167005 MV ARRANGED
MEETS: AUG 21-DEC 15
INDEPENDENT STUDY ANTHR 490A 1-5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE APPLIED TOWARD GRADUATION.
Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS
INDEPENDENT STUDY ANTHR 490B 1-5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE APPLIED TOWARD GRADUATION.
Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS
INDEPENDENT STUDY ANTHR 490C 1-5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE APPLIED TOWARD GRADUATION.
Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS
INDEPENDENT STUDY ANTHR 490D 1-5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY
Note: NO MORE THAN 9 CREDITS OF ANTHR 490/LING 4900 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY.
Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS
APPAREL, EVENTS & HOSPITALITY MGMT  (CONTINUED)

SUPR WRK EXP I: HSPY AESHM 170D 1 CREDIT
Prereq: ADVISER PERMISION REQUIRED
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
Satisfactory-Fail Only.
1107005 ARRANGED MEETS: AUG 21-DEC 15

SUPR WRK EXP I: EVNT AESHM 170F 1 CREDIT
Prereq: ADVISER PERMISSION REQUIRED
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
Satisfactory-Fail Only.
1113005 ARRANGED MEETS: AUG 21-DEC 15

SPV WRK EXP I: APPAR AESHM 170N 1 CREDIT
Prereq: ADVISER PERMISSION REQUIRED; FRESHMAN CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
Satisfactory-Fail Only.
3039005 ARRANGED MEETS: AUG 21-DEC 15

FLD STU: EVENT & HSPY AESHM 180E 1 CREDIT
Prereq: ENROLLMENT IN THE AESHM LEARNING COMMUNITY 'DIRECTIONS' - MEMBER OR PEER MENTOR; PERMISSION OF INSTRUCTOR
8111005 F 10:00-10:50 ARRANGED MEETS: AUG 21-DEC 15

FLD STU: APPARL, MRCH AESHM 180N 1 CREDIT
Prereq: ENROLLMENT IN THE AESHM LEARNING COMMUNITY 'COMMON THREADS' - MEMBER OR PEER MENTOR; PERMISSION OF INSTRUCTOR
8085005 ARRANGED MEETS: AUG 21-DEC 15

SUP WRK EXP II: HSPY AESHM 270D 1- 2 CREDITS
Prereq: 6 CREDITS IN AESHM OR HSP M, CREDITS IN AESHM 170, MINIMUM 2.0 GPA, ADVISER PERMISSION REQUIRED, SOPHMORE CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
1132005 ARRANGED MEETS: AUG 21-DEC 15

SUP WRK EXP II: EVNT AESHM 270F 1- 2 CREDITS
Prereq: 6 CREDITS IN AESHM OR HSP M OR EVENT; MINIMUM 2.0 GPA; ADVISER PERMISSION REQUIRED; EMPLOYER LOCATION SHOULD BE DIFFERENT THAN EMPLOYER LOCATION USED FOR AESHM 170 AND AESHM 470
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
1203005 ARRANGED MEETS: AUG 21-DEC 15

SUP WRK EXP II: APPAR AESHM 270N 1- 2 CREDITS
Prereq: MINIMUM 2.0 GPA; ADVISER PERMISSION REQUIRED; SOPHMORE CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM OR HSP M; SOPHMORE CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
1270005 ARRANGED MEETS: OCT 16-DEC 15

SUP WRK EXP II: ISU AESHM 270P 1- 2 CREDITS
Prereq: AESHM 170; MINIMUM 2.0 GPA; ADVISER PERMISSION REQUIRED; NO MORE THAN 12 CREDITS TOTAL FROM AESHM OR HSP M; SOPHMORE CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
1282005 ARRANGED MEETS: AUG 21-DEC 15
Cooperative Education AESHM 398 R Credit
Prereq: Permission of Adviser; JR Classification
1002010 D Arranged
MEETS: AUG 21-DEC 15
Note: Section D for HSP M Majors only
Instructor permission required.
1002005 E Arranged
MEETS: AUG 21-DEC 15
1002025 F Arranged
MEETS: AUG 21-DEC 15
Note: Section F for Event Majors only
Instructor permission required.
1002040 N Arranged
MEETS: AUG 21-DEC 15
Note: Section N for A M D Majors only
Instructor permission required.

Sem Iss: Event & Hospitality AESHM 411E
1 Credit
Prereq: Senior Classification in AESHM
Note: Course Restricted to Event, HSP Majors
7664005 1 M 2:10-3:00, Arranged
MEETS: AUG 21-Oct 31
Sem Cur Iss Apparel AESHM 411N 1-3 Credits
Prereq: AESHM 470N
Note: Course Only Offered for 1 Credit Fall 2017.
8078005 1 T 4:10-5:00, Arranged
MEETS: AUG 21-Oct 31

Human Resource Mgmt AESHM 413 3 Credits
Prereq: AESHM 270, AESHM 275 or AESHM 287;
Junior Classification
Note: Credit in HRI 391 may not be applied toward
the Degree Requirements for the Major in Hospitality
Management. Credit for Either HRI 391, or AESHM 287
and AESHM 413, but not 391 in combination with Either
287 or 413, may be applied toward Graduation.
4895010 1B TR 6:30-7:50PM
Note: The Arranged Time Represents Online Lectures.
MEETS: AUG 21-Dec 15
4895005 1A TR 6:30-7:50PM
Note: Instructor permission required.

Internship Hospitality AESHM 470D 3-6 Credits
Prereq: AESHM 270, AESHM 311, 9 Credits in HSP M;
Minimum 2.0 GPA; Permission by Application; Junior
or Senior Classification; Employer and Location Must
Be Different Than Those Used for AESHM 170 and 270.
Note: No More Than 12 Credits From AESHM 170,
AESHM 270, and AESHM 470 May Be Applied Toward
Graduation.
Note: Instructor permission required.

FASHION SHOW Mgt AESHM 472 1-3 Credits
Prereq: Permission of Instructor
Note: No More Than 6 Credits of AESHM 472 May Be
Applied Toward Graduation
1872005 1 Arranged
MEETS: OCT 16-DEC 15
Note: Section 1 Offered for 3 Credits
Instructor permission required.
1872010 2 Arranged
MEETS: OCT 16-DEC 15
Note: Section 2 Offered for 2 Credits
Instructor permission required.

Entrepreneur Human Sci AESHM 474 3 Credits
Prereq: A M D 270 or AESHM 287 or ACCT 284
or 3 Credits in MKT or Permission of Instructor
4618005 1A TR 6:30-7:50PM
MEETS: AUG 21-DEC 15
Note: Section 1C Restricted to A M D Majors Only
4618010 1B TR 6:30-7:50PM
MEETS: AUG 21-DEC 15
Note: Section 1B Restricted to Event, HSP M Majors Only
4618015 1C TR 6:30-7:50PM
MEETS: AUG 21-DEC 15
Note: Section 1C Restricted to Majors Other Than
A M D, Event, HSP M

Independent Study: Honors AESHM 490H 2-4 Credits
Prereq: Permission of Instructor
Satisfactory-Fail Only
Note: See Dept for Reference Numbers

Practicum Apparel MCDS AESHM 507A 1-3 Credits
Prereq: 6 Graduate Credits in Program Area;
Instructor Permission
6660005 1 Arranged
MEETS: AUG 21-Dec 15
Note: Instructor permission required.

Practicum Hospitality Mgt AESHM 507B 1-3 Credits
Prereq: 6 Graduate Credits in Program Area;
Instructor Permission
1509005 1 Arranged
MEETS: AUG 21-Dec 15
Note: Instructor permission required.

Entrepreneur Human Sci AESHM 574 3 Credits
Prereq: One Course in Marketing or Instructor
Permission
4895005 1A TR 6:30-7:50PM
MEETS: AUG 21-Dec 15
Note: Section 1A Restricted to AESHM Grad Majors Only
4895010 1B TR 6:30-7:50PM
MEETS: AUG 21-Dec 15
Note: Section 1B Restricted to Graduate Students Only

Tchg Practicum Apparel AESHM 670A 1-3 Credits
Prereq: 6 Graduate Credits in Program Area;
Permission of Instructor
Note: See Dept for Reference Numbers

Tchg Practicum Hospitality AESHM 670B 1-3 Credits
Prereq: 6 Graduate Credits in Program Area;
Permission of Instructor
Note: See Dept for Reference Numbers

Apparel, Merchandising, and Design

Apparel, Events & Hospitality Mgmt (Continued)
APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

FASHION PRODUCTS WHT  A M D 131  3 CREDITS
8338030  3B  F 11:00-11:50
Note: THE ARRANGED TIME REPRESENTS ON-LINE LECTURES. SECTION 1A RESTRICTED TO MAJORS OTHER THAN A M D.
MEETS: AUG 21-DEC 15

DRESS&DIVERSITY SOC  A M D 165  3 CREDITS
Note: Meets U.S. diversity reqmt
6603005  1A  M 10:00-10:50
ARRANGED
MEETS: AUG 21-DEC 15

INTR APPL DSN STD  A M D 178  3 CREDITS
Note: COURSE RESTRICTED TO A M D FRESHMEN ONLY
8923005  1 ARRANGED
MEETS: AUG 21-DEC 15

TEXTILE SCIENCE  A M D 204  4 CREDITS
Prereq: A M D 131
6604005  1 TR 8:00-9:20
T 10:00-11:50
MEETS: AUG 21-DEC 15

HONORS TEXTILE SCI  A M D 204H  4 CREDITS
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY.
7590005  1 TR 8:00-9:20
T 10:00-11:50
MEETS: AUG 21-DEC 15

CPR APP DIGITAL DESIGN  A M D 210  3 CREDITS
Prereq: A M D 131, A M D 245 OR CONCURRENT ENROLLMENT, AESHM 113N
Note: COURSE RESTRICTED TO A M D MAJORS ONLY
5087005  1 TR 1:10-3:00, ARRANGED
MEETS: AUG 21-DEC 15

PATTERNMAK I:DRFT&FL  A M D 225  3 CREDITS
Prereq: A M D 121, A M D 204, A M D 206
6607005  1 WMF 10:00-11:30
MEETS: AUG 21-DEC 15
Note: Instructor permission required.
6607010  2 WMF 10:30-11:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

PRODUCT DEVELOPMENT  A M D 231  4 CREDITS
Prereq: A M D 204
Note: COURSE RESTRICTED TO A M D MAJORS ONLY
6608005  1 TR 11:00-12:25
W 2:10-4:00
MEETS: AUG 21-DEC 15
6608010  2 TR 11:00-12:25
W 4:10-6:00PM
MEETS: AUG 21-DEC 15
6608015  3 TR 11:00-12:25
R 8:00-9:50
MEETS: AUG 21-DEC 15

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

AESTHETIC & BRAND IMAG  A M D 245  3 CREDITS
Prereq: A M D 131, A M D 165; CREDIT OR ENROLLMENT IN A M D 204
6609005  1A WMF 2:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO MAJORS OTHER THAN A M D

MUSEUM STUDIES  A M D 257  3 CREDITS
Prereq: SOPHOMORE STANDING
1207005  1A TR 4:10-5:30, ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO MAJORS OTHER THAN A M D

RETAIL MERCHANDISING  A M D 275  3 CREDITS
Prereq: 1 CREDITS IN MATH
2853005  1A TR 9:30-10:50
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO MAJORS OTHER THAN A M D

FASHION ILLUSTRATION  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 WMF 12:10-2:00
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

TEXTILE QUALITY ASSUR  A M D 305  3 CREDITS
Prereq: A M D 231; ONE COURSE IN NATURAL SCIENCE (CHEMISTRY WITH LAB PREFERRED); STAT 101 OR STAT 226 OR STAT 401
Note: COURSE RESTRICTED TO A M D MAJORS ONLY
6614005  1 TR 1:10-3:00
MEETS: AUG 21-DEC 15

CPR-AID PATTERNMAKING  A M D 310  3 CREDITS
Prereq: A M D 210, A M D 225, PERMISSION OF INSTRUCTOR
1142005  1 TR 11:00-12:20
MEETS: AUG 21-DEC 15
Note: Department permission required.

CPR INTEGR DESIGN  A M D 321  3 CREDITS
Prereq: A M D 210, CREDIT OR ENROLLMENT IN A M D 278, INSTRUCTOR PERMISSION
6605005  1 WMF 8:00-9:50
MEETS: AUG 21-DEC 15
Note: Department permission required.

PATTERNMAK II:DRAPING  A M D 325  3 CREDITS
Prereq: A M D 206, A M D 225, INSTRUCTOR PERMISSION
7199005  1 WMF 12:10-2:00
MEETS: AUG 21-DEC 15

DIGITAL TEXTILE PRINTING  A M D 329  3 CREDITS
Prereq: A M D 210, CREDIT OR CONCURRENT ENROLLMENT IN A M D 325
7365005  TR 11:00-12:20
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

HIST EURAN AM DRESS  A M D 354  3 CREDITS
Prereq: 3 CREDITS FROM HISTORY OR ART HISTORY
Note: Meets international perspectives reqmt
6620005  1A M 10:00-10:50
MEETS: AUG 21-DEC 15

MUSEUM STUDIES  A M D 257  3 CREDITS
Prereq: SOPHOMORE STANDING
1207005  1A TR 4:10-5:30, ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO MAJORS OTHER THAN A M D

RETAIL MERCHANDISING  A M D 275  3 CREDITS
Prereq: 1 CREDITS IN MATH
2853005  1A TR 9:30-10:50
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO MAJORS OTHER THAN A M D

FASHION ILLUSTRATION  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 WMF 12:10-2:00
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

TEXTILE QUALITY ASSUR  A M D 305  3 CREDITS
Prereq: A M D 231; ONE COURSE IN NATURAL SCIENCE (CHEMISTRY WITH LAB PREFERRED); STAT 101 OR STAT 226 OR STAT 401
Note: COURSE RESTRICTED TO A M D MAJORS ONLY
6614005  1 TR 1:10-3:00
MEETS: AUG 21-DEC 15

CPR-AID PATTERNMAKING  A M D 310  3 CREDITS
Prereq: A M D 210, A M D 225, PERMISSION OF INSTRUCTOR
1142005  1 TR 11:00-12:20
MEETS: AUG 21-DEC 15
Note: Department permission required.

CPR INTEGR DESIGN  A M D 321  3 CREDITS
Prereq: A M D 210, CREDIT OR ENROLLMENT IN A M D 278, INSTRUCTOR PERMISSION
6605005  1 WMF 8:00-9:50
MEETS: AUG 21-DEC 15
Note: Department permission required.

PATTERNMAK II:DRAPING  A M D 325  3 CREDITS
Prereq: A M D 206, A M D 225, INSTRUCTOR PERMISSION
7199005  1 WMF 12:10-2:00
MEETS: AUG 21-DEC 15

DIGITAL TEXTILE PRINTING  A M D 329  3 CREDITS
Prereq: A M D 210, CREDIT OR CONCURRENT ENROLLMENT IN A M D 325
7365005  TR 11:00-12:20
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

HIST EURAN AM DRESS  A M D 354  3 CREDITS
Prereq: 3 CREDITS FROM HISTORY OR ART HISTORY
Note: Meets international perspectives reqmt
6620005  1A M 10:00-10:50
MEETS: AUG 21-DEC 15
APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

HONORS HISTRY DRESS A M D 354H 3 CREDITS
Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: COURSE RESTRICTED TO A M D MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
Meets international perspectives reqmt
5600005 5 M 11:00-10:50
MEETS: AUG 21-DEC 15

SOURCNG&GLOBAL ISSU A M D 372 3 CREDITS
Note: COURSE RESTRICTED TO A M D MAJORS ONLY.
Meets international perspectives reqmt
8133005 1 MWF 2:10-3:00
MEETS: AUG 21-DEC 15

MERCH PLNLN CONTROL A M D 376 4 CREDITS
Prereq: A M D 275; A M D 210 OR COM S 113;
3 CREDITS FROM MATH 104, MATH 105, MATH 140, MATH 150 OR EQUIVALENT
Note: COURSE RESTRICTED TO A M D MAJORS ONLY.
‘ARRANGED’ IN THE TIME FIELD represents NOW COURSE DELIVERY. OTHER TIMES WILL MEET IN CLASSROOMS.
6625005 1 TR 9:30-10:20
ARRANGED
6625010 2 TR 9:30-10:20
ARRANGED, R 11:00-12:30
MEETS: AUG 21-DEC 15

VISUAL PRESTMPPRMO A M D 377 3 CREDITS
Prereq: A M D 245 OR AESHM 342; AESHM 340 OR MKT 340
6626005 1A MWF 3:10-4:00
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO A M D MAJORS ONLY
6626010 1B MWF 3:10-4:00
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN A M D

TECHNICL DESIGN PROC A M D 415 3 CREDITS
Prereq: A M D 225; A M D 231
Note: COURSE RESTRICTED TO A M D MAJORS ONLY.
4154005 1 TR 2:10-4:00
ARRANGED
MEETS: AUG 21-DEC 15

CONSUMR STDI APPRRL A M D 467 3 CREDITS
Prereq: STAT 101 OR STAT 104 OR STAT 226
6623005 1A MWF 1:10-2:00
F 1:10-2:00, ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO A M D MAJORS ONLY
6623010 1B MW 1:10-2:00
F 1:10-2:00, ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION 1B RESTRICTED TO EVENT MAJORS ONLY

RETAIL INFO ANALYSI A M D 475 3 CREDITS
Prereq: A M D 376
Note: COURSE RESTRICTED TO A M D MAJORS ONLY
4159005 1 TR 1:10-3:00
R 2:10-4:00
MEETS: AUG 21-DEC 15
4159010 2 TR 1:10-2:00
F 9:00-10:50
MEETS: AUG 21-DEC 15

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

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

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

INDEP STUDY HONORS A M D 490H VAR. CREDITS
Prereq: 6 CR IN A M D; PERMISSION OF THE INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR.
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

SENIOR DSGN STUDIO A M D 495 3 CREDITS
Prereq: A M D 310, A M D 325, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
MEETS: AUG 21-DEC 15
3914005 1 TR 8:00-10:50

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

FND SCHOLRSH IN T C A M D 510 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
6649005 1 W 6:00-9:00PM
MEETS: AUG 21-DEC 15

AESTHARETL BRANDING A M D 545 3 CREDITS
Prereq: ONE COURSE IN DSGN ELEMENTS & PRINCIPLES, PSYCHOLOGY, CONSUMER BEHAVIOR, OR MARKETING
4838005 M 6:00-9:00PM
MEETS: AUG 21-DEC 15

CONSUMR BEHAV&APPAR A M D 567 3 CREDITS
Prereq: A M D 476 OR MKT 447; STAT 401
3255005 M 3:10-4:25
MEETS: AUG 21-DEC 15

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

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

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

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

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

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

CREATIVE COMPONENT A M D 599 3 CREDITS
Prereq: 9 GRADUATE CREDITS IN A M D
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

**ELEMENTARY ARBIC I** ARBC 101 4 CREDITS
7470005 1 MTWR 11:00-11:50
MEETS: AUG 21-DEC 15
7470010 2 MTWR 11:00-12:00
MEETS: AUG 21-DEC 15

**INTERMEDIATE ARBIC I** ARBC 201 4 CREDITS
Prereq: ARBC 102 or placement by dept exam
Note: Meets international perspectives reqmt
9279005 1 MTWR 12:10-1:00
MEETS: AUG 21-DEC 15

**INDEPENDENT STUDY** ARBC 490 1-6 CREDITS
Prereq: 6 CREDITS in ARBIC, PERMISSION OF DEPARTMENT CHAIR
Note: NO MORE THAN 6 CREDITS IN ARBIC 490 MAY BE APPLIED TOWARD GRADUATION

**ARCHITECTURE**

**ARCHITECTURAL DESIGN I** ARCH 201 6 CREDITS
MEETS: AUG 21-DEC 15
1673005 1 F 3:10-5:20
MW 1:10-5:20
F 1:10-3:00
MEETS: AUG 21-DEC 15

**ARCHITECTURAL DESIGN II** ARCH 201H 6-7 CREDITS
Prereq: COMPLETION OF THE PRE-PROFESSIONAL PROGRAM AND ADMISSION INTO THE PROFESSIONAL PROGRAM IN ARCHITECTURE
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM
FIELD TRIPS & TRAVEL FEE: $25.00 - $950.00
8138005 1 F 3:10-5:20
MW 1:10-5:20
F 1:10-3:00
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

**ARCHITECTURAL HISTORY** ARCH 221 3 CREDITS
MEETS: AUG 21-DEC 15
1675005 1A MW 9:00-9:50
MEETS: AUG 21-DEC 15
1675010 1B MW 9:00-9:50
Note: SECTION 1A RESTRICTED TO ARC, ARCH MAJORS ONLY
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN ARC, ARCH

**ARCHITECTURAL DESIGN III** ARCH 301 6 CREDITS
Prereq: ARCH 202
MEETS: AUG 21-DEC 15
1681005 1 F 3:10-5:20
F 1:10-3:00
MEETS: AUG 21-DEC 15

**ARCHITECTURAL DESIGN IV** ARCH 301H 6-7 CREDITS
Prereq: ARCH 202
Note: FOR ARC MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
FIELD TRIPS & TRAVEL FEE: $25.00 - $950.00
8186005 1 F 3:10-5:20
MW 1:10-5:20
F 1:10-3:00
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

**THEORIES OF ARCHITECTURE** ARCH 323 3 CREDITS
Prereq: ARCH 221, 222, CLASSIFICATION AS AN ARC MAJOR
9486005 MWF 9:00-9:50
MEETS: AUG 21-DEC 15

**ARCHITECTURE** (CONTINUED)

**COMPUTER APPLICATIONS** ARCH 334 3 CREDITS
1685005 1 TR 3:40-5:00
MEETS: AUG 21-DEC 15

**THREE-DIMENSIONAL STUDIOS** ARCH 335 3 CREDITS
1686003 1 TR 1:10-3:20
MEETS: AUG 21-DEC 15

**THREE-DIMENSIONAL STUDIOS** ARCH 335H 3-4 CREDITS
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM
Instructor permission required.
9261005 1 TR 1:10-3:20
MEETS: AUG 21-DEC 15

**ARCHITECTURAL DESIGN V** ARCH 401 6 CREDITS
Prereq: ARCH 302
Note: COURSE RESTRICTED TO ARC, ARCH MAJORS ONLY
1691005 1 MF 1:10-5:20
MEETS: AUG 21-DEC 15
1691010 2 MF 1:10-5:20
MEETS: AUG 21-DEC 15
1691015 3 MF 1:10-5:20
MEETS: AUG 21-DEC 15
1691020 4 MF 1:10-5:20
MEETS: AUG 21-DEC 15
1691025 5 MF 1:10-5:20
MEETS: AUG 21-DEC 15

**ARCHITECTURAL DESIGN V** ARCH 401H 6-7 CREDITS
Prereq: ARCH 302
Note: FOR ARC, ARCH MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
8232005 MF 1:10-5:20
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

**ARCHITECTURAL DESIGN VI** ARCH 403 6 CREDITS
Prereq: ARCH 402
Note: COURSE RESTRICTED TO ARC MAJORS ONLY
FIELD TRIPS & TRAVEL FEE: $25.00 - $950.00
1693005 1 MW 1:10-3:20
MEETS: AUG 21-DEC 15
1693010 2 MW 1:10-3:20
MEETS: AUG 21-DEC 15
1693015 3 MW 1:10-3:20
MEETS: AUG 21-DEC 15
1693020 4 MW 1:10-3:20
MEETS: AUG 21-DEC 15
1693025 5 MW 1:10-3:20
MEETS: AUG 21-DEC 15

**ARCHITECTURAL DESIGN VII** ARCH 403H 6-7 CREDITS
Prereq: ARCH 402
Note: RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM
8235005 MF 1:10-5:20
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

**TOPICS IN THE NEXT 1750'S** ARCH 423 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: FOR ARC MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
1697005 TR 2:10-3:30
MEETS: AUG 21-DEC 15

**TOPICS IN NATIVE AMERICAN ARCHITECTURE** ARCH 426 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: FOR ARC MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
1295005 1A T 7:00-10:00PM
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO NATIVE AMERICAN ARCHITECTURE.
1295010 1B T 7:00-10:00PM
MEETS: AUG 21-DEC 15
Note: SECTION 1B RESTRICTED TO NATIVE AMERICAN ARCHITECTURE.

**HISTORICAL ARCHAEOLOGY** ARCH 427 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Meets international perspectives reqmt
1701005 1 MF 9:00-9:50
MEETS: AUG 21-DEC 15

**ARCHITECTURE** (CONTINUED)

**FIELD TO FACILITATION** ARCH 433 3 CREDITS
Prereq: ARCH 230 AND ARCH 301
3852005 TR 10:00-11:20
MEETS: AUG 21-DEC 15

**CMPLT ARCH&ENV DESIGN** ARCH 434 3 CREDITS
Prereq: ARCH 344
1705005 1 TR 11:00-12:20
MEETS: AUG 21-DEC 15
ARCHITECTURE (CONTINUED)

ADVNC DESIGN MEDIA ARCH 436 3 CREDITS
Prereq: ARCH 230
1704005 1 MF 9:00-10:20 MEETS: AUG 21-DEC 15

ARCHIT PHOTOGRAPHY ARCH 437 3 CREDITS
Prereq: ARCH 202
1706005 T 7:00-10:00 PM MEETS: AUG 21-DEC 15
Note: Topic: Architectural Photography

BLDG SCI & TECHNOL V ARCH 445 2 CREDITS
Prereq: ARCH 343
1630005 MW 9:00-9:50 MEETS: AUG 21-DEC 15

PROFESSIONAL PRACTICE ARCH 482 3 CREDITS
Prereq: ARCH 202
1712005 1 TR 3:40-5:00 MEETS: AUG 21-DEC 15

IND STuD DSN COMMUN ARCH 490A 1-9 CREDITS
Prereq: Approval of Instructor & Dept Chair on Req Form
Note: Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DESIGN ARCH 490B 1-9 CREDITS
Prereq: Approval of Instructor & Dept Chair on Req Form
Note: Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STuDY ARCH HIST ARCH 490D 1-9 CREDITS
Prereq: Approval of Instructor & Dept Chair on Req Form
Note: Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STuDY TECHN SYST ARCH 490C 1-9 CREDITS
Prereq: Approval of Instructor & Dept Chair on Req Form
Note: Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEp STuDY PRACTICE ARCH 490F 1-9 CREDITS
Prereq: Approval of Instructor & Dept Chair on Req Form
Note: Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ARCH 490H 1-9 CREDITS
Prereq: Approval of Instructor & Dept Chair on Req Form
Note: Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

ARCHIT DSGN & MEDIA I ARCH 505 5 CREDITS
Prereq: Admission to the M Arch Program.
1775005 1 MW 1:10-5:20 P 1:10-3:30 MEETS: AUG 21-DEC 15

TOP STuDI ARCH & CULTR ARCH 528A 2-3 CREDITS
Prereq: 221, 222 or Sr Classif or Grad Standing
Note: Course only offered for 3 credits Fall 2017
1731005 1 TR 9:30-10:50 MEETS: AUG 21-DEC 15
1731010 2 MW 9:00-10:20 MEETS: AUG 21-DEC 15
1731015 3 WF 8:00-9:20 MEETS: AUG 21-DEC 15
1731020 4 MW 8:00-9:20 MEETS: AUG 21-DEC 15
Note: Section 4 Topic: Practice X

TOPCL STuDI COMMUNCAT ARCH 528C 2-3 CREDITS
Prereq: 221, 222 or Sr Classif or Grad Standing
Note: Course only offered for 3 credits Fall 2017
1326005 1 TR 6:00-7:20 PM MEETS: AUG 21-DEC 15

SCI & TECH FOR ARCH I ARCH 541 5 CREDITS
Prereq: Admission to the M. Arch. Program and concurrent enrollment in ARCH 505 and 595
7739005 1 TR 1:10-2:00 TR 2:10-4:00 F 11:00-12:20 MEETS: AUG 21-DEC 15

SUSTAINABLE ARCH ARCH 558 3 CREDITS
Prereq: Graduate or Senior Classification
1747005 TR 11:00-12:10 MEETS: AUG 21-DEC 15

ARCHITECTURE (CONTINUED)

DSGN FOR ALL PEOPLE ARCH 571 3 CREDITS
Prereq: Graduate or Senior Classification
Note: Meets U. S. diversity reqmt
4714005 1 TR 11:00-12:10 MEETS: AUG 21-DEC 15

PROFESSIONAL PRACTICE ARCH 582 3 CREDITS
Prereq: Admission to the M. Arch. Program and concurrent enrollment in ARCH 505 and 595
1755005 1 TR 3:40-5:00 MEETS: AUG 21-DEC 15

SPECIAL TOPICS ARCH 590 1-5 CREDITS
Prereq: Written approval of Instructor and Department Chair on Approved Form
******* SEE DEPT FOR REFERENCE NUMBERS

SEMNR BUILT ENVR I ARCH 595 5 CREDITS
Prereq: Admission to the M. Arch. Program and concurrent enrollment in ARCH 505 and ARCH 541
7773005 MW 10:20-12:40 MEETS: AUG 21-DEC 15

SUSTAINABLE ARCH ARCH 597 3 CREDITS
Prereq: Graduate or Senior Classification
Note: Meets international perspectives reqmt
1720005 1 MF 11:00-11:50 MEETS: AUG 21-DEC 15

ARCHITECTURE (CONTINUED)

RESEARCH ARCH 690 3-9 CREDITS
Prereq: Department permission required.
1755005 1 TR 1:10-3:10 MEETS: AUG 21-DEC 15

INDEPENDENT STUDY ARCH 690 6 CREDITS
Prereq: Admission to the M. Arch. Program.
Note: Meets U. S. diversity reqmt
1761005 1 TR 1:10-3:10 MEETS: AUG 21-DEC 15
1761010 2 MF 1:10-3:10 MEETS: AUG 21-DEC 15

SCIENCE FOR ARCH I ARCH 643 3 CREDITS
Prereq: Admission to the M. Arch. Program.
Note: Meets U. S. diversity reqmt
1722005 1 TR 2:10-4:30 TR 3:40-5:30 MEETS: AUG 21-DEC 15

INDEPENDENT STUDY ARCH 690 6 CREDITS
Prereq: Admission to the M. Arch. Program.
Note: Meets U. S. diversity reqmt
1749005 1 TR 12:40-2:00 MEETS: AUG 21-DEC 15

ART EDUCATION

METHODS TEACHING ART AR TED 209 2 CREDITS
Prereq: Sophomore level
7799005 A TR 5:10-7:00 PM MEETS: AUG 21-DEC 15
7799010 B TR 3:10-5:00 MEETS: AUG 21-DEC 15
7799015 C TR 3:10-5:00 MEETS: AUG 21-DEC 15

INTRO TO ART EDUC AR TED 211 3 CREDITS
Prereq: Sophomore level
1773005 A1 TR 9:30-12:20 MEETS: AUG 21-DEC 15
1773010 A2 TR 9:30-12:20 MEETS: AUG 21-DEC 15
1773015 B1 MW 2:10-5:00 MEETS: AUG 21-DEC 15
Note: Section B1 Restricted to Art Majors
1773020 B2 MW 2:10-5:00 MEETS: AUG 21-DEC 15
Note: Section B2 Restricted to Ed Majors

INDEPENDENT STUDY AR TED 490 3-9 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
### ART HISTORY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>ART H 280</td>
<td></td>
<td>3</td>
<td>Note: Meets international perspectives reqnt.</td>
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Note: Meets international perspectives reqnt. Skipped.

### ASTRONOMY & ASTROPHYSICS

<table>
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<tr>
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<th>Type</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>ASTRO 120</td>
<td></td>
<td>3</td>
<td>Note: 2-PART COURSE. REGISTER FOR A DISCUSSION SECTION (NUMBERED 1-17) FIRST AND THEN A LECTURE (SECTIONS W OR Z). STUDENTS WHO DON'T REGISTER FOR BOTH DISCUSSION AND LECTURE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION. STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT TOWARD ONLY ONE OF ASTRO 110 OR 112 TOWARD GRADUATION.</td>
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</table>

Note: Meets international perspectives reqnt.

### SKY & SOLAR SYSTEM

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTRO 120</td>
<td></td>
<td>3</td>
<td>Note: 2-PART COURSE. REGISTER FOR A DISCUSSION SECTION (NUMBERED 1-17) FIRST AND THEN A LECTURE (SECTIONS W OR Z). STUDENTS WHO DON'T REGISTER FOR BOTH DISCUSSION AND LECTURE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION. STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT TOWARD ONLY ONE OF ASTRO 110 OR 112 TOWARD GRADUATION.</td>
</tr>
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</table>

Note: Meets international perspectives reqnt. Skipped.
ATHLETIC TRAINING (CONTINUED)

AMEDICAL MODALT PRACTM A TR 325 3 CREDITS
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
MEETS: AUG 21-DEC 15
26320005 1 TR 8:00-9:50
MEETS: AUG 21-DEC 15
THERA MODALT PRACTM A TR 324 1 CREDIT
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
Satisfactory-Fail Only.
58430005 1 F 8:00-9:30
MEETS: AUG 21-DEC 15
ADMIN ATHLET TRN A TR 423 3 CREDITS
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR,
SENIOR CLASSIFICATION
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
11540005 1 TR 8:00-9:15
MEETS: AUG 21-DEC 15
MED CNCRN ATHL TRNG A TR 450 3 CREDITS
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
48790005 1 TR 9:30-10:45
MEETS: AUG 21-DEC 15
ATHL TRAIN COMPETNC A TR 489 1 CREDIT
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR,
SENIOR CLASSIFICATION
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
Satisfactory-Fail Only.
32200005 1 ARRANGED
MEETS: AUG 21-DEC 15

ATHLETICS

INTERCOL CROSS CTRY ATH 101D 1 CREDIT
Prereq: PERMISSION OF HEAD COACH
Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
OF 4. CREDIT IN ATH 101D 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.
19760005 ARRANGED
MEETS: AUG 21-DEC 15
INTERCOL CROSS CTRY ATH 101E 1 CREDIT
Prereq: PERMISSION OF HEAD COACH
Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
OF 4. CREDIT IN ATH 101E 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.
19890005 ARRANGED
MEETS: AUG 21-DEC 15
INTERCOLL FOOTBALL ATH 101F 1 CREDIT
Prereq: PERMISSION OF HEAD COACH
Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
OF 4. CREDIT IN ATH 101F 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.
19910005 ARRANGED
MEETS: AUG 21-DEC 15
INTERCOL VOLLEYBALL ATH 101G 1 CREDIT
Prereq: PERMISSION OF HEAD COACH
Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
OF 4. CREDIT IN ATH 101G 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.
19900005 ARRANGED
MEETS: AUG 21-DEC 15
INTERCOLLEGIAT GOLF ATH 101H 1 CREDIT
Prereq: PERMISSION OF HEAD COACH
Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
OF 4. CREDIT IN ATH 101H 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.
19910005 ARRANGED
MEETS: AUG 21-DEC 15
**BIOCHEM, BIOPHYSICS & MOLECULAR BIO**

INTRO BIOCHEMISTRY BBMB 101 1 CREDIT

1996005 1 F 2:10-3:00 MEETS: AUG 21-DEC 15

1996010 2 F 2:10-3:00 MEETS: AUG 21-DEC 15

Note: Department permission required.

**BIOCHEMISTRY OF BEER BBMB 120 2 CREDITS**

Note: CREDIT IN BBMB 120/FS HN 120 MAY ONLY BE APPLIED TOWARD GRADUATION BY NATURAL SCIENCE MAJORS.

8418005 TR 11:00-11:50 MEETS: AUG 21-DEC 15

**BIOCHEMICAL PROCESSES BBMB 221 3 CREDITS**

Prereq: CHEM 163, CHEM 167, OR CHEM 177

Note: CREDIT FOR EITHER BBMB 221 OR CHEM 231, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. BIOCHEMISTRY, AG & BIO, AND BIOPHYSICS MAJORS MAY NOT CREDIT FOR BBMB 221 TOWARD THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE.

1998005 MWF 10:00-10:50 MEETS: AUG 21-DEC 15

**GENE BIOPHYSICS BBMB 303X 3 CREDITS**

Prereq: CHEM 331 OR EQUIVALENT

Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: BBMB 301, BBMB 303X, BBMB 318.

6486005 MWF 11:00-11:50 MEETS: AUG 21-DEC 15

**BIOCHEMISTRY I BBMB 404 3 CREDITS**

Prereq: CHEM 332

Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

2002005 MWF 11:00-11:50 MEETS: AUG 21-DEC 15

**BIOCHEMICAL RES TECHNQ BBMB 411 4 CREDITS**

Prereq: CREDIT OR ENROLLMENT IN BBMB 404 OR BBMB 501; CHEM 211

Note: COURSE RESTRICTED TO BCMB, BIOPH, AG&BIO, BBMB, BBMB seniors only. QUALIFIED JUNIORS MAY SEEK A SIGNATURE FROM THE DEPARTMENT.

2004005 A W 1:10-2:00 P 1:10-2:00 MW 2:10-6:00PM MEETS: AUG 21-DEC 15

2004010 B W 1:10-2:00 P 1:10-2:00 TF 2:10-6:00PM MEETS: AUG 21-DEC 15

**MAMMALIAN BIOCHEM BBMB 420 3 CREDITS**

Prereq: CHEM 332, BIOL 314

Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. BIOCHEMISTRY AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 420 TOWARD THE MAJOR.

2005005 A MWF 12:10-1:00 MEETS: AUG 21-DEC 15

**LAB MICR PHYSL,DVRS BBMB 440 4 CREDITS**

Prereq: MICRO 302,302L, CHEM 332, BIOL 301/313L

2090005 TR 1:10-5:00 MEETS: AUG 21-DEC 15

**INDEPENDENT STUDY BBMB 490 1-3 CREDITS**

Prereq: AG&LA COLLEGE MAJORS; JUNIOR OR SENIOR CLASSIFICATION AND INSTRUCTOR PERMISSION. LS COLLEGE MAJORS: INSTRUCTOR PERMISSION.

Note: NO MORE THAN 9 CREDITS OF BBMB 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO STUDENTS IN AN UNIVERSITY HONORS PROGRAM ONLY.

****** SEE DEPT FOR REFERENCE NUMBERS

**INDEPENDENT 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. COURSE RESTRICTED TO STUDENTS IN AN UNIVERSITY HONORS PROGRAM ONLY.

****** SEE DEPT FOR REFERENCE NUMBERS

**AMINO ACIDS & PROTEIN BBMB 504 2 CREDITS**

5050005 MWF 11:10-2:00 MEETS: AUG 21-OCT 13

**BIOENERGETICS & METAB BBMB 505 2 CREDITS**

Prereq: CHEM 332 OR EQUIVALENT

1996005 MWF 11:10-2:00 MEETS: OCT 16-DEC 15

**MOLE BIOC & BIOLAB RNA BBMB 510 2 CREDITS**

Prereq: BIOL 313, BBMB 405; BBMB 502; BBMB 506 AND BBMB 507, OR GEN 409, OR EQUIVALENT

8626005 TR 11:00-11:50 MEETS: AUG 21-DEC 15

**INTRO DNA TECHNIQS BBMB 542A 1 CREDIT**

7099005 1 TR 1:10-2:00 TR 2:10-4:00 MEETS: AUG 22-SEPT 21

**INTRO CELL TECHNIQS BBMB 542C 1 CREDIT**

7101005 1 TR 1:10-2:00 TR 2:10-4:00 MEETS: OCT 31-DEC 7

**INTR PROTEOMCS TCNQ BBMB 542E 1 CREDIT**

7166005 1 TR 1:10-2:00 TR 2:10-4:00 MEETS: SEPT 26-OCT 26

**INTR MBLNC TCNQ BBMB 542F 1 CREDIT**

9009005 M 1:10-2:00 M 2:10-4:00 MEETS: AUG 21-NOV 6

**BIOMOLE NMR SPECTRO BBMB 552 2 CREDITS**

Prereq: CHEM 325 OR PERMISSION OF INSTRUCTOR

2068005 TR 10:00-10:50 MEETS: AUG 21-DEC 15

**STRUC GENOM INFRNTC BBMB 569 3 CREDITS**

Prereq: BCH 567, BBMB 316, GEN 409, STAT 430

7456005 TR 11:00-11:50 MEETS: AUG 21-DEC 15

**SPECIAL TOPICS BBMB 590 VAR. CREDITS**

Note: REGISTRATION FOR SYMPOSIUM IS REQUIRED

4853005 TR 1:10-2:00 ARRANGED MEETS: SEPT 7-10

Note: Tuition Category: Workshop

**BIOCHEMISTRY & BIOPH BBMB 593 1 CREDIT**

Prereq: PERMISSION AND SIGNATURE OF COURSE ADMINISTRATOR REQUIRED

Note: REGISTRATION FOR SYMPOSIUM IS REQUIRED

2068005 R 1:10-2:00 ARRANGED MEETS: AUG 21-DEC 15

**REDapiro**
BIOINFORMATICS AND COMPUTATIONAL BIOL

BIOINFMTC&CB ORIEN  BCBBIO 110  .5 CREDIT  Satisfactory-Fail Only.
5587005  W 12:10-1:00
MEETS: AUG 21-OCT 13

INTR BIOINFMTC&CBMP  BCBBIO 322  3 CREDITS  
Prereq: BCBBIO 321, JUNIOR OR SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
1864005  T 10:00-10:50
MEETS: AUG 21-DEC 15

BIOINFORMATIC ANALYS  BCBBIO 444  4 CREDITS  
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT
8548005  M 10:00-10:50
MEETS: AUG 21-DEC 15

INDEPENDENT STUDY  BCBBIO 490  1-5 CREDITS  
Prereq: Permission of Instructor
4721005  ARRANGED
MEETS: AUG 21-DEC 15

INDEPENDENT STUDY  BCBBIO 490  1-5 CREDITS  
Prereq: Permission of Instructor
Note: Instructor permission required 1st week.
1828005 ARRANGED
Note: Tuition category: Workshop

COOPERATIVE EDUCATN  BCBBIO 598  R CREDIT  
Prereq: Permission of the Program Chair
1828005  ARRANGED
MEETS: AUG 21-DEC 15

CREATIVE COMPONENT  BCBBIO 599  VAR. CREDITS  
Note: See Dept for Reference Numbers

FACULTY SEM BIOINFMRK  BCBBIO 691  1 CREDIT
7825005  W 10:00-10:50
MEETS: AUG 21-DEC 15

GRAD RESEARCH ROTAT  BCBBIO 697  VAR. CREDITS
7827005  ARRANGED
MEETS: AUG 21-DEC 15

RESEARCH  BCBBIO 699  VAR. CREDITS  
Note: See Dept for Reference Numbers

BIOLOGICAL/PRE-MEDICAL ILLUSTR

SCI ILLUST PRIN&TEC  BPM I 323  3 CREDITS  
Prereq: 6 CREDITS IN ART AND DESIGN AND 3 CREDITS IN BIOLOGICAL SCIENCES
Note: Course restricted to ARTIS, PRPMI MAJORS ONLY
5580005  T 2:10-5:00
MEETS: AUG 21-DEC 15

5580010  T 2:10-5:00
MEETS: AUG 21-DEC 15

9470005  M 10:00-10:50
MEETS: AUG 21-DEC 15

Note:  Section 6 restricted to AG X, ENV S, OPEN MAJORS

INTRO TO BIOLOGY  BIOL 101  3 CREDITS  
Note: Credit in BIOL 101 may not be applied toward Biology Major Graduation Requirements
2064005  M 10:00-10:50
MEETS: AUG 21-DEC 15

INTRODUCTORY BIOL  BIOL 101  3 CREDITS  
Note: Credit in BIOL 101 may not be applied toward Biology Major Graduation Requirements
2063005  T 3:10-4:00
MEETS: AUG 21-DEC 15

2063010  R 3:10-4:00
MEETS: AUG 21-DEC 15

7950005  M 9:00-9:50
MEETS: OCT 16-DEC 15

5580015  TR 8:00-9:20
ARRANGED HALL S
MEETS: OCT 16-DEC 15

Note: Section 1C restricted to AG X, ENV S, OPEN MAJORS

9486005  M 9:00-9:50
MEETS: AUG 21-DEC 15

9486010  T 3:10-4:00
MEETS: AUG 21-DEC 15

9486015  M 3:00-4:00
MEETS: AUG 21-DEC 15

9486020  TR 8:00-9:15
MEETS: AUG 21-DEC 15

9486025  TR 12:40-2:00
MEETS: AUG 21-DEC 15

9486030  TR 1:10-3:00
MEETS: AUG 21-DEC 15

Note: Section 6 restricted to BIOL, BIOL, ENSCS MAJORS ONLY

INTRO ENVIRNMT ISSU  BIOL 201  2 CREDITS  
7950005  TA 8:00-9:20, ARRANGED HALL S
MEETS: OCT 16-DEC 15

Note: Section 1A restricted to ENSCS MAJORS ONLY

7950010  TB 8:00-9:20, ARRANGED HALL S
MEETS: OCT 16-DEC 15

7950015  TC 8:00-9:20, ARRANGED HALL S
MEETS: OCT 16-DEC 15

Note: Section 1C restricted to AG X, ENV S, OPEN MAJORS

PRIN OF BIOLOGY I  BIOL 211  3 CREDITS  
Prereq: High School Biology
9486030  M 10:00-11:50
MEETS: AUG 21-DEC 15

9486035  T 10:00-11:50
MEETS: AUG 21-DEC 15

Note: Section 6 restricted to BIOL, BIOL, ENSCS MAJORS ONLY

9470005  M 10:00-11:00
MEETS: AUG 21-DEC 15

Note: Section 1 restricted to BIOL, BIOL, ENSCS MAJORS ONLY

9470010  A 4:10-7:00
MEETS: AUG 21-DEC 15

Note: Section 6 restricted to BIOL, BIOL, ENSCS MAJORS ONLY

9470015  M 4:10-7:00
MEETS: AUG 21-DEC 15

9470020  T 4:10-7:00
MEETS: AUG 21-DEC 15

9470025  T 4:10-7:00
MEETS: AUG 21-DEC 15

9470030  T 4:10-7:00
MEETS: AUG 21-DEC 15

Note: Section 6 restricted to BIOL, BIOL, ENSCS MAJORS ONLY
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DENDROLOGY BIO 356 4 CREDITS
Prereq: BIOL 211
Note: Instructor permission required 1st week.

2079010 1 TR 11:00-11:50 MCMullen C
TR 12:10-2:00 MCMullen C
MEETS: AUG 21-DEC 15
2079015 2 TR 11:00-11:50 MCMullen C
TR 1:10-3:00 MCMullen C
MEETS: AUG 21-DEC 15

BIOLOGY OF PLANTS BIO 357X 3 CREDITS
Prereq: BIOL 211 AND BIOL 211L RECOMMENDED
7630005 MWF 1:10-2:00 WALLACE R
MEETS: AUG 21-DEC 15

BIOLOGY OF INVERTEB BIO 364 3-4 CREDITS
Prereq: BIOL 212
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2017

7097005 A MWF 9:00-9:50 MEETS: AUG 21-DEC 15

VERTEBRATE BIOLOGY BIO 365 4 CREDITS
Prereq: BIOL 212, BIOL 212L
1537005 1 MWF 9:00-9:50 ADAMS D
T 8:00-8:00PM RENTZ M
MEETS: AUG 21-DEC 15
1537010 2 MWF 9:00-9:50 ADAMS D
T 10:00-11:30 RENTZ M
MEETS: AUG 21-DEC 15
1537015 3 MWF 9:00-9:50 ADAMS D
T 10:00-11:30 RENTZ M
MEETS: AUG 21-DEC 15
1537020 4 MWF 9:00-9:50 ADAMS D
T 11:00-12:30 RENTZ M
MEETS: AUG 21-DEC 15
1537025 5 MWF 9:00-9:50 ADAMS D
W 10:00-11:30 RENTZ M
MEETS: AUG 21-DEC 15
1537030 6 MWF 9:00-9:50 ADAMS D
W 1:10-3:00 RENTZ M
MEETS: AUG 21-DEC 15
1537035 7 MWF 9:00-9:50 ADAMS D
W 3:10-5:00 RENTZ M
MEETS: AUG 21-DEC 15
1537040 8 MWF 9:00-9:50 ADAMS D
R 10:00-11:30 RENTZ M
MEETS: AUG 21-DEC 15
1537045 9 MWF 9:00-9:50 ADAMS D
R 12:10-2:00 RENTZ M
MEETS: AUG 21-DEC 15

ECO&ENVIRON SCI GIS BIO 370 1-6 CREDITS
Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL SCIENCES; PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

9445000 ARRANGED

ECOLOGICAL METHODS BIO 371 3 CREDITS
Prereq: A ECL 312; STAT 101 OR STAT 104
1541005 MW 12:10-1:00 ADELMAN J
T 12:10-2:00 ADELMAN J
MEETS: AUG 21-DEC 15

INTRO ENVIRNMNTL SYS BIO 381 3-4 CREDITS
Prereq: 12 CREDITS OF NATURAL SCIENCE INCLUDING BIOLOGY AND CHEMISTRY
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2017.
SEC 1A, ARRANGED RECOMMENDED. RESTRICTED TO ENSCA, ENSCS MAJORS ONLY. SECTIONS 1B,2B, ETC. RESTRICTED TO MAJORS OTHER THAN ENSCA, ENSCS.

1093000 1A ARRANGED CRUMPトン W
TR 12:10-2:00 CRUMPトン W
MEETS: AUG 21-DEC 15
1093010 1B ARRANGED CRUMPトン W
TR 10:00-12:00 CRUMPトン W
MEETS: AUG 21-DEC 15
1093015 2A ARRANGED, TR 2:10-4:00 CRUMPトン W
MEETS: AUG 21-DEC 15
1093020 2B ARRANGED, TR 2:10-4:00 CRUMPトン W
MEETS: AUG 21-DEC 15
1093025 3A ARRANGED CRUMPトン W
TR 4:10-6:00PM CRUMPトン W
MEETS: AUG 21-DEC 15
1093030 3B ARRANGED CRUMPトン W
TR 4:10-6:00PM CRUMPトン W
MEETS: AUG 21-DEC 15

LIFE HIST&REPRODUCE BIO 414 3 CREDITS
Prereq: RECOMMENDED; BIOL 315 OR EQUIVALENT
8459005 TR 2:10-3:10 VALENZUELA M
MEETS: AUG 21-DEC 15

NEUROBIOLOGY BIO 436 3 CREDITS
Prereq: BIOL 212

7107005 A TR 11:00-12:30 MEETS: AUG 21-DEC 15
7107010 B TR 11:00-12:30 MEETS: AUG 21-DEC 15

BIOINFORMAT ANALYS BIO 444 4 CREDITS
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT

8544005 1 TR 11:00-12:30 W 11:00-12:30 MEETS: AUG 21-DEC 15

PLANT EVOL&PHYLOGNY BIO 451 4 CREDITS
Prereq: BIOL 315 OR EQUIVALENT
4911005 MW 10:00-11:50 CLARK L
T 9:00-11:50 MEETS: AUG 21-DEC 15

PLANT ANATOMY BIO 454 4 CREDITS
Prereq: BIOL 212L, BIOL 366 RECOMMENDED

2094005 MWF 11:00-11:50 W 3:10-6:00PM MEETS: AUG 21-DEC 15

PRINCIP OF MYCOLOGY BIO 456 3 CREDITS
Prereq: 10 CREDITS IN BIOLOGICAL SCIENCES

2096005 1 MW 11:00-1:00 W 3:10-6:00PM MEETS: AUG 21-DEC 15
2096010 2 MW 11:00-1:00 F 3:10-6:00PM MEETS: AUG 21-DEC 15

HERPETOLOGY BIO 457 2 CREDITS
Prereq: BIOL 351 OR BIOL 365

2128005 1 MW 11:00-1:00 MEETS: AUG 21-DEC 15

HERPETOLOGY LAB BIO 457L 1 CREDIT
Prereq: BIOL 351 OR BIOL 365 OR A ECL 365L
7335005 1 T 2:10-5:00 MEETS: AUG 21-DEC 15
7335010 2 T 11:00-1:50 MEETS: AUG 21-DEC 15

EVOLUTIONARY GENETICS BIO 462 3 CREDITS
Prereq: BIOL 315

Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
7110005 TR 9:30-10:50 MEETS: AUG 21-DEC 15

AQUATIC ECOLOGY BIO 486 3 CREDITS
Prereq: BIOL 312 OR ENGR 381 OR ENGSCI 402 OR NREM 301

1737005 TR 9:30-10:50 MEETS: AUG 21-DEC 15

AQUATIC ECOLOGY LAB BIO 486L 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN BIO 486
1741005 1 T 9:30-10:50 MEETS: AUG 21-DEC 15
1741010 2 T 3:10-6:00PM MEETS: AUG 21-DEC 15

MICROBIAL ECOLOGY BIO 487 3 CREDITS
Prereq: 6 CREDITS IN BIOLOGICAL AND 6 CREDITS IN CHEM

3511005 MW 9:00-9:50 MEETS: AUG 21-DEC 15

INDEPENDENT STUDY BIO 490 1-6 CREDITS
Note: NO MORE THAN 9 CREDITS IN BIO 490 MAY BE APPLIED TOWARD GRADUATION AND OF THOSE ONLY 2 CREDITS MAY BE APPLIED TOWARD THE BIOLOGY ADVANCED COURSE REQUIREMENT
******* SEE DEPT FOR REFERENCE NUMBERS

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

UG TEACHING EXPERIENCE BIO 491 1-2 CREDITS
Prereq: PERMISSION OF SUPERVISING STAFF
Note: NO MORE THAN 2 CREDITS IN BIO 491 MAY BE APPLIED TOWARD BIOLOGY ADVANCED COURSE DEGREE REQUIREMENTS
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

GRAD SCHL PREP BIOL BIO 492 1 CREDIT
Prereq: CLASSIFICATION IN A LIFE SCIENCES MAJOR; SOPHOMORE OR ABOVE
2382005 M 11:00-1:00 DANIELSON B MEETS: AUG 21-DEC 15

BIOLOGY INTERNSHIP BIO 494 1-3 CREDITS
Prereq: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN BIO 494 MAY BE APPLIED TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE APPLIED TOWARD THE BIOLOGY ADVANCED COURSE REQUIREMENT
******* SEE DEPT FOR REFERENCE NUMBERS
BIOLOGY

UNDERGRAD SEMINAR B I O L 4 9 5 1 - 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: FOR JUNIORS AND SENIORS MAJORING IN BIOLOGY ONLY
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC B I O L 4 9 8 R CREDIT
Prereq: PERMISSION OF THE BIOLOGY PROGRAM
COOPERATIVE EDUCATION COORDINATOR
4546005 ARRANGED
Note: Department permission required.

UG RESEARCH EXPERIENCE B I O L 4 9 9 1 - 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS IN BIO 499 MAY BE APPLIED
TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE
APPLIED TOWARD THE BIOLOGY ADVANCED COURSE REQUIREMENTS
******* SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL ENGINEERING

BIOMEMS 4 N O T E C H N I C I A L  B M E 3 4 1 3 CREDITS
Prereq: B M E 2 2 0 O R B I O E 2 2 0
3030005 M W F 1 1 : 0 0 - 1 1 : 5 0 MEETS: AUG 21-DEC 15

BIOMED APP CHEM ENG B M E 4 4 0 3 CREDITS
Prereq: C H E 2 1 0 , M A T H 2 6 6 , P H Y S 2 2 2
3105005 M W F 1 2 : 1 0 - 1 : 0 0 MEETS: AUG 21-DEC 15

BIOMATERIALS B M E 4 5 6 3 CREDITS
Prereq: M A T E 2 1 6 O R M A T E 2 7 2 O R M A T E 3 9 2
3192005 M W F 9 : 0 0 - 9 : 5 0 MEETS: AUG 21-DEC 15

INDEPENDENT STUDY B M E 4 9 0 1 - 6 CREDITS
Prereq: PERMISSION OF CHAIR FOR BIOENGINEERING
******* SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL SCIENCES

PRINCIPLES OF ANATOMY B M S 4 4 7 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR FOR
UNDERGRADUATE STUDENTS
7615005 M F 8 : 0 0 - 8 : 5 0 MF 9 : 0 0 - 1 0 : 5 0
MEETS: AUG 21-DEC 15

INDEPENDENT STUDY B M S 4 9 0 1 - 5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS B M S 4 9 0 H 1 - 5 CREDITS
Prereq: INSTR PERMISSION, HONORS PROGRAM MEMBERSHIP
Note: COURSE RESTRICTED TO STUDENTS IN THE
UNIVERSITY HONORS PROGRAM ONLY
******* SEE DEPT FOR REFERENCE NUMBERS

RES MTHD BIOMED SCI B M S 5 0 1 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A
B M S FACULTY MEMBER
6978005 ARRANGED
MEETS: AUG 21-DEC 15

PRINCIPLES PHYSIOLOGY B M S 5 3 8 4 CREDITS
Prereq: 10 CR IN BIOL SCIENCE & INSTR PERMISSION
Note: COURSE RESTRICTED TO COLLEGE OF V MED GRAD
7621005 M T W R 2 : 1 0 - 3 : 0 0 MEETS: AUG 21-DEC 15

INTRO DNA TECHNOLOGY B M S 5 4 2 A 1 CREDIT
Prereq: FIRST-YEAR CLASSIFICATION IN V MED
Satisfactory-Fail Only
7133005 1 M T R 1 1 : 0 0 - 2 : 0 0 MEETS: AUG 22-SEPT 21

INTRO CELL TECHNOLOGY B M S 5 4 2 C 1 CREDIT
Prereq: FIRST-YEAR CLASSIFICATION IN V MED
Satisfactory-Fail Only
7135005 1 M T R 1 1 : 0 0 - 2 : 0 0 MEETS: OCT 31-DEC 7

INTRO PROTEOMICS TCNQ B M S 5 4 2 E 1 CREDIT
Prereq: FIRST-YEAR CLASSIFICATION IN V MED
Satisfactory-Fail Only
7220005 1 M T R 1 1 : 0 0 - 2 : 0 0 TR 2 : 1 0 - 4 : 0 0
MEETS: SEPT 26-OCT 26

INTRO METABOLIC TCNQ B M S 5 4 2 F 1 CREDIT
Prereq: FIRST-YEAR CLASSIFICATION IN V MED
Satisfactory-Fail Only
9011005 M 1 1 : 0 0 - 2 : 0 0
7628005 M T W R 3 : 0 0 - 4 : 0 0 MEETS: AUG 21-DEC 15

PHARMACOL & THERAPEUT B M S 5 4 3 3 CREDITS
Prereq: 354
3532005 M T W R 1 1 : 0 0 - 1 2 : 0 0 MEETS: AUG 21-DEC 15

PHARMACOL & THERAPEUT B M S 5 4 3 3 CREDITS
Prereq: 354
3521005 M T W R 1 1 : 0 0 - 1 2 : 0 0 MEETS: AUG 21-DEC 15

PHARMACOL & THERAPEUT B M S 5 4 3 3 CREDITS
Prereq: 354
3521005 M T W R 1 1 : 0 0 - 1 2 : 0 0 MEETS: AUG 21-DEC 15
### Biomedical Sciences (Continued)

**SPL Topic Pharmacol**  
B M S 590C  1–7 CREDITS  
**Prereq:** PERMISSION OF INSTRUCTOR  
**DEPT FOR REFERENCE NUMBERS**

**SPL Topics Cell Biol**  
B M S 590D  1–7 CREDITS  
**Prereq:** PERMISSION OF INSTRUCTOR  
**DEPT FOR REFERENCE NUMBERS**

**Creative Component**  
B M S 599  1–3 CREDITS  
**Prereq:** ENROLLMENT IN B M S GRADUATE PROGRAM, PERMISSION OF INSTRUCTOR  
**DEPT FOR REFERENCE NUMBERS**

**Research**  
B M S 688  1 CREDIT  
**Prereq:** ENROLLMENT IN B M S GRADUATE PROGRAM  
**MEETS:** AUG 21-DEC 15

**Research Review**  
B M S 688D  VAR. CREDITS  
**Prereq:** ENROLLMENT IN B M S GRADUATE PROGRAM  
**MEETS:** AUG 21-DEC 15

**Biomedical Sciences (Continued)**

**Research Physiology**  
B M S 699A  VAR. CREDITS  
**Prereq:** ENROLLMENT IN B M S GRADUATE PROGRAM  
**DEPT FOR REFERENCE NUMBERS**

**Research Anatomy**  
B M S 699B  VAR. CREDITS  
**Prereq:** ENROLLMENT IN B M S GRADUATE PROGRAM  
**DEPT FOR REFERENCE NUMBERS**

**Research Pharmacology**  
B M S 699C  VAR. CREDITS  
**Prereq:** ENROLLMENT IN B M S GRADUATE PROGRAM  
**DEPT FOR REFERENCE NUMBERS**

**Resrch Cell Biol**  
B M S 699D  VAR. CREDITS  
**Prereq:** PERMISSION OF INSTRUCTOR  
**DEPT FOR REFERENCE NUMBERS**

**Biorenewable Resources & Technology**

**Biobase Sem Present**  
BRT 506C  1 CREDIT  
**SATISFACTORY-FAIL ONLY**

**Bioprocess & Bioprodct**  
BRT 540  3 CREDITS  
**Prereq:** A E/A B E 216, C E 165, CHEM 167 OR HIGHER, B IOL 173 OR B IOL 211 OR HIGHER, OR EQUIV.

**Special Topics**  
BRT 690  1–3 CREDITS  
**Prereq:** PERMISSION OF INSTRUCTOR OR MAJOR PROF  
**DEPT FOR REFERENCE NUMBERS**

**Biornwrl Rsourc Lab**  
BRT 592L  1 CREDIT  
**Prereq:** GRADUATE CLASSIFICATION, UNDERGRADUATES MID-TERM INSTRUCTOR APPROVAL.

**Research**  
BRT 699  VAR. CREDITS  
**Prereq:** PERMISSION OF INSTRUCTOR’S MAJOR PROFESSOR  
**DEPT FOR REFERENCE NUMBERS**

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**Business Administration**

**Bus Lrn Team Orient**  
BRTAD 102  1 CREDIT  
**Note:** CREDIT IN ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: BUSAD 101, BUSAD 101H, BUSAD 102, BUSAD 103, BUSAD 103X

**Intro To Business**  
BRTAD 250  3 CREDIT  
**Prereq:** COM S 113  
**Note:** SECTIONS A1, B1, ETC. RESTRICTED TO BUSINESS COLLEGE UNDERGRAD MAJORS. SECTIONS A2, B2, ETC. RESTRICTED TO UNDERGRADS IN ALL OTHER COLLEGES.
INTRO TO BUSINESS BUSAD 250 3 CREDITS
8807045 E1 TR 8:00-9:15 MECTS: AUG 21-DEC 15
8807050 E2 TR 8:00-9:15 MECTS: AUG 21-DEC 15
8807055 F1 TR 3:40-5:00 MECTS: AUG 21-DEC 15
8807060 F2 TR 3:40-5:00 MECTS: AUG 21-DEC 15
8807065 G1 TR 5:10-6:25PM MECTS: AUG 21-DEC 15
8807070 G2 TR 5:10-6:25PM MECTS: AUG 21-DEC 15
8807075 J1 MW 11:00-11:50 MECTS: AUG 21-DEC 15
8807080 J2 MW 11:00-11:50 MECTS: AUG 21-DEC 15
8807085 K1 MW 9:00-9:50 MECTS: AUG 21-DEC 15
8807090 K2 MW 9:00-9:50 MECTS: AUG 21-DEC 15
8807095 L1 TR 9:30-10:45 MECTS: AUG 21-DEC 15
8807100 L2 TR 9:30-10:45 MECTS: AUG 21-DEC 15
8807105 M1 TR 11:00-12:15 MECTS: AUG 21-DEC 15
8807110 M2 TR 11:00-12:15 MECTS: AUG 21-DEC 15

EXP DOMESTIC INTERN BUSAD 291A 1-3 CREDITS
Prereq: WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE. Satisfactory-Fail Only.

ENTREPRENEURSHIP SEMINAR BUSAD 292 1 CREDIT
Prereq: MEMBERSHIP OR APPLICATION FOR MEMBERSHIP IN ENTREPRENEURSHIP AND INNOVATION LEARNING COMMUNITY
8304005 T 9:30-10:45 MECTS: AUG 21-DEC 15

COOPERATIVE EDUC BUSAD 398 R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 3 ADDITIONAL CREDITS MAY BE TAKEN IN SAME SEMESTER AS BUSAD 398
Satisfactory-Fail Only.
6147005 A ARRANGED MECTS: AUG 21-DEC 15
Note: Permission of coordinator required.

IND STUDY INT'L BUS BUSAD 490A 1-3 CREDITS
Prereq: ACCEPTANCE IN PROFESSIONAL PROGRAM IN BUSINESS; PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
3097018 1 ARRANGED MECTS: AUG 21-DEC 15

IND STDY ENTREPREN BUSAD 490E 1-3 CREDITS
Prereq: SENIOR CLASSIFICATION; PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2017
Instructor permission required.
3635005 ARRANGED MECTS: AUG 21-DEC 15

INDEPENDENT STUDY BUSAD 490G 1-3 CREDITS
Prereq: ACCEPTANCE IN PROFESSIONAL PROGRAM IN BUSINESS; PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
3634005 ARRANGED MECTS: AUG 21-DEC 15

INDEP STUDY HONORS BUSAD 490H 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
Instructor permission required.

EXP DOMESTIC INTERNS BUSAD 491A 1-3 CREDITS
Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE. Note: Instructor permission required. Satisfactory-Fail Only.

EXP INT'L INTERNSHIP BUSAD 491B 1-3 CREDITS
Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE. Note: Instructor permission required. Satisfactory-Fail Only.

CHEMICAL ENGINEERING

LEARNING COMMUNITY CH E 104 R CREDIT
Prereq: ENROLLMENT IN CH E LEARNING TEAM Satisfactory-Fail Only
3630005 A W 10:00-10:50 MEETS: AUG 21-DEC 15
3630010 B W 10:00-10:50 MEETS: AUG 21-DEC 15
3630015 C R 11:00-11:50 MEETS: AUG 21-DEC 15
3630020 D R 11:00-11:50 MEETS: AUG 21-DEC 15
3630025 E T 2:10-3:00 MEETS: AUG 21-DEC 15
3630030 F W 11:00-11:50 MEETS: AUG 21-DEC 15
3630035 G W 11:00-11:50 MEETS: AUG 21-DEC 15
3630040 H W 11:00-11:50 MEETS: AUG 21-DEC 15
3630045 J W 11:00-11:50 MEETS: AUG 21-DEC 15

CH E PROBL CPR LAB CH E 160 3 CREDITS
Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAMS. CREDIT OR ENROLLMENT IN MATH 165 Note: CLASSROOM TIMES ARE LAB. LECTURE WILL BE DELIVERED ONLINE. COURSE RESTRICTED TO CH E MAJORS ONLY. Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.
2778005 A ARRANGED MW 12:10-1:00 MEETS: AUG 21-DEC 15
2778010 B ARRANGED MW 2:10-3:00 MEETS: AUG 21-DEC 15
CHEMICAL ENGINEERING  (CONTINUED)

2017 FALL

CH E PROBL CPTR LAB  CH E 150  3 CREDITS
2017500  C  ARRANGED, MW 1:10-2:00
MEETS: AUG 21-DEC 15
2017505  D  ARRANGED, TH 1:10-2:00
MEETS: AUG 21-DEC 15
2017510  E  ARRANGED, MW 4:10-5:00
MEETS: AUG 21-DEC 15

SEMINAR  CH E 202  1 CREDIT
Prereq: SOPHOMORE CLASSIFICATION IN CH E, CREDIT OR ENROLLMENT IN CH E 210
Note: COURSE RESTRICTED TO CH E MAJORS ONLY
2432005  B  1:40-2:30
MEETS: AUG 21-DEC 15

CONTINU LEARN COMM  CH E 204  R CREDIT
Prereq: CONCURRENT ENROLLMENT IN CH E 210 COMMUNITY
Satisfactory-Fail Only.
8171000  T  10:40-10:20
MEETS: AUG 21-DEC 15

CH E PROGRSS ASESMT  CH E 205  R CREDIT
Prereq: CHEM 178, MATH 166; CREDIT OR ENROLLMENT IN CH E 160, CH E 210
Satisfactory-Fail Only.
2531000  12:00-1:00
MEETS: AUG 21-DEC 15

CHEMICAL ENGR LAB I  CH E 325  2 CREDITS
Prereq: CH E 357, CH E 381; CREDIT OR ENROLLMENT IN CH E 310; CREDIT OR ENROLLMENT IN ENGL 314 OR ENGL 309 OR ENGL 312 OR J1 M1 347
Note: Instructor permission required 1st week.
5699005  A  MW 12:10-1:00
MEETS: AUG 21-DEC 15
5699010  B  MW 1:10-2:00
MEETS: AUG 21-DEC 15
5699015  C  MW 12:10-2:00
MEETS: AUG 21-DEC 15
5699020  D  MW 2:10-4:00
MEETS: AUG 21-DEC 15

TRANSPRT PHENOM I  CH E 356  3 CREDITS
Prereq: CH E 205, CH E 210, PHYS 221; CREDIT OR ENROLLMENT IN MATH 267
2435005  A  MW 10:00-10:50
MEETS: AUG 21-DEC 15

TRANSPRT PHENOM II  CH E 357  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CH E 310; CH E 356
2436005  A  MW 2:10-3:00
MEETS: AUG 21-DEC 15

SEPARATIONS  CH E 358  3 CREDITS
2437005  A  MW 11:00-11:50
MEETS: AUG 21-DEC 15

CH E THERMODYNAMICS  CH E 381  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CH E 310; MATH 267, PHYS 222, CHEM 325
2438005  A  MW 11:00-1:00
MEETS: AUG 21-DEC 15

CHEMICL REACTN ENGR  CH E 382  3 CREDITS
Prereq: CH E 310, CH E 381; CREDIT OR ENROLLMENT IN CH E 357
2439005  A  MW 9:00-9:50
MEETS: AUG 21-DEC 15

COOPERATIVE EDUC  CH E 398  R CREDIT
Prereq: CH E 298; PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
****** SEE DEPT FOR REFERENCE NUMBERS

SURFAC&COLLOID CHEM  CH E 408  3 CREDITS
Prereq: CH E 381 OR EQUIVALENT
2106005  11:10-2:00
MEETS: AUG 21-DEC 15

CHEMICAL ENGINEERING  (CONTINUED)

CHEM PROCSS SAFETY  CH E 420  3 CREDITS
Prereq: CH E 357, CH E 381; JUNIOR CLASSIFICATION
7965005  A  11:00-11:50
MEETS: AUG 21-DEC 15

PROCESS CONTROL  CH E 421  3 CREDITS
Prereq: CH E 358, CH E 382, MATH 267
2447005  A  TR 12:40-2:00
MEETS: AUG 21-DEC 15

CHEMICL ENGR LAB II  CH E 426  2 CREDITS
Prereq: CH E 325, CH E 358, CH E 382
Note: COURSE RESTRICTED TO CH E MAJORS GRADUATING F'17 CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
Instructor permission required 1st week.
2448005  A  T 8:00-11:50
MEETS: AUG 21-DEC 15
2448010  B  R 8:00-11:50
MEETS: AUG 21-DEC 15

PROCESS&PLANT DESIGN  CH E 430  4 CREDITS
2449005  A  MW 8:00-8:50
MEETS: AUG 21-DEC 15
7965005  A  MW 9:00-10:50
MEETS: AUG 21-DEC 15

BIOMED APP CHEM ENG  CH E 440  3 CREDITS
Prereq: CH E 210, MATH 266, PHYS 222
2108005  A  MF 12:10-1:00
MEETS: AUG 21-DEC 15

UG RESRCH/IND STUDY  CH E 490  1-6 CREDITS
Prereq: PERMISSION OF DEPARTMENT
Note: NO MORE THAN 6 CREDITS OF CH E 490 MAY BE APPLIED TOWARD GRADUATION AS TECHNICAL ELECTIVES
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  CH E 490H  1-6 CREDITS
Prereq: MEMBERSHIP IN THE HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF CH E 490 MAY BE APPLIED TOWARD GRADUATION AS TECHNICAL ELECTIVES
RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
****** SEE DEPT FOR REFERENCE NUMBERS

SURFAC&COLLOID CHEM  CH E 508  3 CREDITS
2135005  A  MF 1:10-2:00
MEETS: AUG 21-DEC 15

BIOMED APP CHEM ENG  CH E 540  3 CREDITS
Prereq: CH E 210, MATH 266, PHYS 222
2462005  A  MF 12:10-1:00
MEETS: AUG 21-DEC 15

ANALYT&NUMERC METHD  CH E 545  3 CREDITS
Prereq: CH E 545
2463005  A  MF 2:10-3:00
MEETS: AUG 21-DEC 15

TRANSPORT PHENOMENA  CH E 554  4 CREDITS
Prereq: CH E 357, CH E 381, MATH 267, CREDIT OR ENROLLMENT IN CH E 545
8238005  A  MT 9:00-9:50
MEETS: AUG 21-DEC 15

TURBULENCE  CH E 572  3 CREDITS
Prereq: 543 OR M E 538
7997005  A  TR 11:00-12:15
MEETS: AUG 21-DEC 15

ADV THERMODYNAMICS  CH E 583  3 CREDITS
Prereq: CH E 381
2467005  A  TR 12:10-3:30
MEETS: AUG 21-DEC 15

INDEPENDENT STUDY  CH E 590  2-6 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

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

SEMINAR  CH E 601  R CREDIT
Satisfactory-Fail Only
2479005  A  TR 12:40-2:00
MEETS: AUG 21-DEC 15

ADV TOP NANO MATRLS  CH E 695J  VAR. CREDITS
Note: MEETING TIME ARRANGED, EXCEPT FOR ONE-TIME MANDATORY MEETING ON WED, AUG 30 AT 5:10-6 P.M.
2429005  A  MW 3:10-4:00
MEETS: AUG 21-DEC 15
2429010  B  MW 2:10-4:00
MEETS: AUG 21-DEC 15

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

ADV TOP NANO MATRLS  CH E 695J  VAR. CREDITS
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2017
9722005  A  TR 12:40-2:00
MEETS: AUG 21-DEC 15
CHEMISTRY

PHYSCL SC FOR EL ED CHEM 102L 3 CREDITS
Prereq: MATH 195 OR MATH 140
8675005 1 T 3:10-4:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
8675010 2 M 3:10-4:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
8675015 3 M 3:10-4:00
TR 12:10-2:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
8675020 4 M 3:10-4:00
TR 2:10-4:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
8675025 5 M 3:10-4:00
TR 10:00-12:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
8675030 6 T 3:40-4:30
WF 8:00-9:50
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
8675035 7 T 3:40-4:30
WF 10:00-11:50
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
8675040 8 T 3:40-4:30
WF 12:10-2:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
8675045 9 T 3:40-4:30
WF 2:10-4:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
8675050 10 T 3:40-4:30
WF 4:10-6:00PM
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
# CHEMISTRY (CONTINUED)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Instructor</th>
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<td>GENERAL CHEM I</td>
<td>163</td>
<td>4 CREDITS</td>
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# ENGRS GENERAL CHEM | CHEM 167 | 4 CREDITS |

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# MORE INFORMATION

- Prerequisites: CREDIT OR ENROLLMENT FOR CREDIT IN 163.
- Note: MUST BE ACCOMPANYED BY CHEM 163 UNLESS STUDENT ALREADY HAS CREDIT IN 163. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177N, CHEM 201L.
- Note: CURRENTLY, CHEM 163L IS THE ONLY LABORATORY EXPERIENCE OFFERED TO MEET THE REQUIREMENT OF CHEM 163.
- MATH 143 PRE-CALCULUS OR HIGH SCHOOL EQIV
- Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 163.
- Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY.
- CHEM 163; CHEM 167; CHEM 177; CHEM 201. TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED.
- http://www.registrar.iastate.edu/students/exams/
- AVAILABLE TO STUDENTS ALSO REGISTERED.
- CHEM 163, CHEM 167, CHEM 177, CHEM 201.
- Section info: http://courses.chem.iastate.edu/
ENGNRS GENERAL CHEM CHEM 167 4 CREDITS

2493140  28 MWF 10:00-10:50
T 1:10-2:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493145  29 MWF 10:00-10:50
T 1:10-2:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493150  30 MWF 10:00-10:50
T 2:10-3:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493155  31 MWF 10:00-10:50
T 3:10-4:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493160  32 MWF 10:00-10:50
T 4:10-5:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493165  33 MWF 10:00-10:50
T 5:10-6:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493170  34 MWF 10:00-10:50
T 6:10-7:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493175  35 MWF 12:10-1:00
T 8:00-9:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493180  36 MWF 12:10-1:00
T 9:00-10:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493185  37 MWF 12:10-1:00
T 10:00-11:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493190  38 MWF 12:10-1:00
T 11:00-12:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493195  39 MWF 12:10-1:00
T 12:00-1:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493200  40 MWF 12:10-1:00
T 13:00-14:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493205  41 MWF 12:10-1:00
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MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493210  42 MWF 12:10-1:00
T 15:00-16:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493215  43 MWF 12:10-1:00
T 16:00-17:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493220  44 MWF 12:10-1:00
T 17:00-18:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493225  45 MWF 12:10-1:00
T 18:00-19:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493230  46 MWF 12:10-1:00
T 19:00-20:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493235  47 MWF 12:10-1:00
T 20:00-21:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493240  48 MWF 12:10-1:00
T 21:00-22:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493245  49 MWF 12:10-1:00
T 22:00-23:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493250  50 MWF 12:10-1:00
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MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493255  51 MWF 12:10-1:00
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Section info: http://courses.chem.iastate.edu/

2493260  52 MWF 12:10-1:00
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MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2493265  53 MWF 12:10-1:00
T 02:00-03:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

ENGJR GEN CHEM LAB CHEM 167L 1 CREDIT

Prereq: CREDIT OR ENROLLMENT IN 167.
Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY.
CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE
APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L,
CHEM 177L. CHEM 177, CHEM 201.

2494010  1 M 9:00-11:00
T 10:00-11:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2494015  2 M 10:00-12:00
T 11:00-12:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2494020  4 T 3:10-5:00
T 4:10-5:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2494025  5 T 4:10-6:00
T 5:10-6:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2494030  6 T 5:10-7:00
T 6:10-7:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2494035  7 W 3:10-4:00
T 4:10-5:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

GENERAL CHEMISTRY I CHEM 177 4 CREDITS

Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR
1 YR H.S. CHEM, CR OR ENROLLMENT IN CHEM 177.
CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
(AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD
GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201.
TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED.
Night exams scheduled. For dates go to
http://www.registrar.iastate.edu/students/exams/
night-exams.

2495005  1 MF 1:10-2:00
R 1:10-2:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

2495010  2 MF 1:10-2:00
R 2:10-3:00
MEETS: AUG 21-DEC 15
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**CHEMISTRY 177**

Course Code: 2496105, 2496110, 2496115, 2496120

**Section**: AUG 21-DEC 15

**MEETING TIMES**: 9:00-11:50, TUESDAYS

**Instructor**: http://courses.chem.iastate.edu/

**CREDIT**: 4

**CHEMISTRY 177L**

Course Code: 2496125

**Section**: AUG 21-DEC 15

**MEETING TIMES**: 12:10-3:00, THURSDAYS

**Instructor**: http://courses.chem.iastate.edu/

**CREDIT**: 1
CHEMISTRY (CONTINUED)

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
2496300  60 R 12:10-3:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496305  61 R 12:10-3:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496310  62 R 12:10-3:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496315  63 R 3:10-6:00PM
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496320  64 R 3:10-6:00PM
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496325  65 R 3:10-6:00PM
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496330  66 R 3:10-6:00PM
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496335  67 R 3:10-6:00PM
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496340  68 R 6:10-9:00PM
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496345  69 R 6:10-9:00PM
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496350  70 R 6:10-9:00PM
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496360  71 M 9:00-11:50
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496370  72 M 12:10-3:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496380  73 M 3:10-6:00PM
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496390  74 M 6:10-9:00PM
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496400  75 T 9:00-11:50
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496410  76 T 12:10-3:00
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496420  77 T 3:10-6:00PM
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2496430  78 T 6:10-9:00PM
MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
MAY BE APPLIED TOWARD GRADUATION: CHEM 178L, CHEM 179L, CHEM 177N, CHEM 201L.

CHEMISTRY (CONTINUED)

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
MAY BE APPLIED TOWARD GRADUATION: CHEM 178L, CHEM 179L, CHEM 177N, CHEM 201L.

CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L.

CHEMISTRY (CONTINUED)

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
MAY BE APPLIED TOWARD GRADUATION: CHEM 178L, CHEM 179L, CHEM 177N, CHEM 201L.
### ADV GENERAL CHEM CHEM 201L 5 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 165, ONE YEAR OF HIGH SCHOOL PHYSICS OR ADDITIONAL PHYSICS OR ADDITIONAL ENGLISH LANGUAGE ARTS GENE. REQUIRED COURSE: CHEM 170, CHEM 171, CHEM 172. CHEM 201L.

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### LAB ADV GENRL CHEM CHEM 201L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN CHEM 201L AND CHEM 201L+
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 171, CHEM 172L, CHEM 201L, CHEM 201L+

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### ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN CHEM 231L AND CHEM 231L+
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 311L, CHEM 331L, CHEM 331L+

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### ELEMG ORGNC CHEM LAB CHEM 231L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN CHEM 231L AND CHEM 231L+
Note: CREDIT FOR EITHER CHEM 311L AND CHEM 311L OR CHEM 331L AND CHEM 331L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

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### ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN CHEM 231L AND CHEM 231L+
Note: CREDIT FOR EITHER CHEM 311L AND CHEM 311L OR CHEM 331L AND CHEM 331L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

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### ELEMG ORGNC CHEM LAB CHEM 231L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN CHEM 231L AND CHEM 231L+
Note: CREDIT FOR EITHER CHEM 311L AND CHEM 311L OR CHEM 331L AND CHEM 331L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

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### ELEMG ORGNC CHEM LAB CHEM 231L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN CHEM 231L AND CHEM 231L+
Note: CREDIT FOR EITHER CHEM 311L AND CHEM 311L OR CHEM 331L AND CHEM 331L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

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### INSTRMNTL MTH ANALY CHEM 211 2 CREDITS
Prereq: CHEM 171, MATH 166, AND CONCURRENT ENROLLMENT IN CHEM 211L

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### INTRO QUANT MECHAN CHEM 324 3 CREDITS
Prereq: CHEM 178, CHEM 201, MATH 165, PHYS 222, PHYS 223 RECOMMENDED.

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### CHEMICAL THERMODYNAM CHEM 325 3 CREDITS
Prereq: CHEM 178, MATH 166, PHYS 222, PHYS 223 RECOMMENDED.

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### 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 OR CHEM 331L+

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### LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
Prereq: CHEM 177L, OR CHEM ENROLLMENT IN CHEM 331
Note: CREDIT FOR EITHER CHEM 331L OR CHEM 331L+

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*CHEMISTRY (CONTINUED)*

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*CHEMISTRY (CONTINUED)*

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*CHEMISTRY (CONTINUED)*

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*CHEMISTRY (CONTINUED)*

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ADV INORGANIC CHEM CHEM 402 3 CREDITS
Prereq: 301; 331 RECOMMENDED
2525005 1 TR 9:10-10:50 PM MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

INDEPENDENT STUDY CHEM 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK; B AVG IN ALL CHEMISTRY, PHYSICS, AND MATHEMATICS COURSES
Note: NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARD GRADUATION; CREDITS EARNED IN CHEM 399/CHEM 499/CHEM 490 MAY ONLY BE USED TO MEET ONE OF THE ADVANCED COURSE REQUIREMENTS FOR THE B.S. DEGREE.

****** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATION CHEM 498 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4841005 ARRANGED MEETS: AUG 21-DEC 15

SENDEN RESEARCH CHEM 499 2-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK; B AVG IN ALL CHEMISTRY, PHYSICS, AND MATHEMATICS COURSES
Note: NO MORE THAN 9 CREDITS OF CHEM 499 MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN CHEM 499 MAY ONLY BE USED TO MEET ONE OF THE ADVANCED COURSE REQUIREMENTS FOR THE B.S. DEGREE.

****** SEE DEPT FOR REFERENCE NUMBERS

INORGANIC PREPARATNS CHEM 501L 1 CREDIT
Prereq: 402
2530005 1 T 10:10-11:50 AM MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
2530010 2 T 11:00-12:50 AM MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

ADV INORGANIC CHEM CHEM 502 3 CREDITS
Prereq: CHEM 402, RECOMMENDED CHEM 331.
8155005 1 TR 9:10-10:50 AM MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

PHYSICAL INORGANIC CHEM 505 3 CREDITS
Prereq: CHEM 402 OR CHEM 502, CHEM 324
2532005 MFN 11:00-11:50 AM MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

ADV ANALYTICAL CHEM CHEM 511 3 CREDITS
Prereq: CHEM 316 AND CHEM 316L
2536005 MFN 8:00-8:50 AM MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

ELECTROCH MTHD ANLY CHEM 512 3 CREDITS
Prereq: CHEM 316, CHEM 316L RECOMMENDED BUT NOT REQUIRED CHEM 324, CHEM 322L
2537005 MFN 10:00-10:50 AM MEETS: AUG 21-DEC 15

ORGANIC SYNTHESI II CHEM 532 2 CREDITS
Prereq: 331
9501005 MF 9:00-9:50 AM MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

PHYS ORGANIC CHEM I CHEM 537 3 CREDITS
2542005 A MW 11:00-11:50 AM MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

FUND QUANTM MECHAN CHEM 561 4 CREDITS
Prereq: 324
2548005 MN 10:00-11:50 AM MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

SPECTRO ID ORG CMPD CHEM 572 3 CREDITS
Prereq: 322
2555005 TR 2:10-3:00 PM MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/

SURFACE CHEMISTRY CHEM 576 3 CREDITS
Prereq: 324
2559005 MFN 12:10-1:00 PM MEETS: AUG 21-DEC 15
Section info: http://courses.chem.iastate.edu/
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<td><a href="http://www.registrar.iastate.edu/students/exams/night-exams">http://www.registrar.iastate.edu/students/exams/night-exams</a>.</td>
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<tr>
<td>2291005</td>
<td>1 MF</td>
<td>12:10-1:00</td>
<td>W</td>
<td>9:00-10:50</td>
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<tr>
<td>2291010</td>
<td>2 MF</td>
<td>12:10-1:00</td>
<td>T</td>
<td>12:10-3:00</td>
</tr>
<tr>
<td>2291015</td>
<td>3 MF</td>
<td>12:10-1:00</td>
<td>R</td>
<td>8:00-10:50</td>
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<tr>
<td>2291020</td>
<td>4 MF</td>
<td>12:10-1:00</td>
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<td>12:10-3:00</td>
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<tr>
<td>2291025</td>
<td>5 MF</td>
<td>12:10-1:00</td>
<td>R</td>
<td>12:10-6:00PM</td>
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<tr>
<td>2291030</td>
<td>6 MF</td>
<td>12:10-1:00</td>
<td>W</td>
<td>12:10-1:00</td>
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<tr>
<td>ENGR HYDROL&amp;HYDRAUL</td>
<td>C E 372</td>
<td>3 CREDITS</td>
<td></td>
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<tr>
<td>Prereq: E M 378, A COURSE IN STATISTICS FROM</td>
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<td>THE APPROVED DEPARTMENT LIST</td>
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<tr>
<td>2293005</td>
<td>1 MF</td>
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<td>9:00-9:50</td>
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<tr>
<td>DESIGN OF CONCRETES</td>
<td>C E 382</td>
<td>3 CREDITS</td>
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<tr>
<td>Prereq: E M 274</td>
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<td>2294005</td>
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<td>8:00-10:50</td>
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<tr>
<td>DSGN PORTLAND CEMENT</td>
<td>C E 383</td>
<td>1 CREDIT</td>
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<tr>
<td>Prereq: E M 274</td>
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<tr>
<td>Note: CREDIT IN C E 382 OR C E 383, BUT NOT BOTH, MAY BE APPLIED TOWARDS GRADUATION</td>
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<tr>
<td>9480005</td>
<td>1 T</td>
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<td>MEETS: AUG 21-DEC 15</td>
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<tr>
<td>9480100</td>
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<td>3:40-5:30</td>
<td>MEETS: AUG 21-DEC 15</td>
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</tr>
<tr>
<td>SUSTNBL E&amp;INT'L DEV</td>
<td>C E 388</td>
<td>3 CREDITS</td>
<td></td>
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<tr>
<td>Prereq: JUNIOR CLASSIFICATION IN ENGINEERING</td>
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<td>Note: COURSE RESTRICTED TO COLLEGE OF ENGINEERING</td>
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<tr>
<td>JUNIORS AND SENIORS</td>
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<td>Meets international perspectives reqmt</td>
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<tr>
<td>8096005</td>
<td>A</td>
<td>3:10-4:00</td>
<td>T</td>
<td>4:10-6:00PM</td>
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</tbody>
</table>
### Civil Engineering (Continued)

**Preconstr Engr 4670**  
C E  501  3 Credits  
Prereq: CREDIT OR ENROLLMENT IN CON E 422  
8714005  1 M 11:00-1:00  
M 7:00-8:00PM  
MEETS: AUG 21-DEC 15  
**Costs Finan&Bus Mgt**  
C E  503  3 Credits  
Prereq: CREDIT OR ENROLLMENT IN CON E 422  
8717005  1 T 4:10-7:00PM  
MEETS: AUG 21-DEC 15  
**Environmt Engr Chem**  
C E  520  3 Credits  
Prereq: C E 326, CHEM 177, CHEM 178, MATH 166  
2318005  1 WF 11:00-11:50  
R 1:00-5:00  
MEETS: AUG 21-DEC 15  
**Environ Biotechnol**  
C E  521  3 Credits  
Prereq: 326  
2319005  1 T 9:00-10:50  
R 10:00-10:50  
MEETS: AUG 21-DEC 15  
**Structr Analysis II**  
C E  532  3 Credits  
Prereq: 326  
2325005  1 M 10:00-10:50  
W 10:00-11:50  
MEETS: AUG 21-DEC 15  
**Bioprocess&Bioprodct**  
C E  540  3 Credits  
Prereq: A E/A B E 216, C E 326 OR EQUIV, MATH 160  
2153005  1 M 2:30-5:00  
R 4:30-6:00PM  
MEETS: AUG 21-DEC 15  
**Dyn Anlys of Struct**  
C E  541  3 Credits  
Prereq: E M 345 AND CREDIT OR ENROLLMENT IN C E 532  
2327005  1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
**Struct Health Monitor**  
C E  549  3 Credits  
Prereq: Senior Classification in Engineering  
or Permission of Instructor  
1688005  1 MW 3:10-4:10  
MEETS: AUG 21-DEC 15  
**Urb Trnsprt Pln Mod**  
C E  551  3 Credits  
Prereq: C E 355, STAT 101 OR STAT 105  
2208005  1 T 9:10-10:45  
R 11:00-12:10  
MEETS: AUG 21-DEC 15  
**Traffic Engineering**  
C E  553  3 Credits  
Prereq: 355  
2336005  1 MW 3:10-4:30  
MEETS: AUG 21-DEC 15  
**Transprt Data Analys**  
C E  556  3 Credits  
Prereq: C E 355, A STATISTICS COURSE AT  
300-LEVEL OR HIGHER  
5105005  1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
**Transp Syst Dev&Mgt**  
C E  558  3 Credits  
Prereq: C E 355  
2339005  1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
**Applied Hydro Dsgn**  
C E  570  3 Credits  
Prereq: 372  
2304005  1 MWF 3:10-4:00  
MEETS: AUG 21-DEC 15  
**Grndwater Hydrology**  
C E  573  3 Credits  
Prereq: 372  
2345005  1 MWF 10:00-10:50  
MEETS: AUG 21-DEC 15  
**Sust Hriztl Infras**  
C E  588  3 Credits  
Prereq: Junior or Higher Classification in  
Engineering or Science  
5119005  1 MWF 1:00-2:00  
MEETS: AUG 21-DEC 15  

### Classical Studies

**Greek & Roman Mythol**  
CL ST  273  3 Credits  
Note: Meets international perspectives reqmt  
2586005  1 MF 11:00-1:00  
MEETS: AUG 21-DEC 15  
2586010  2 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
**Ancient Philosophy**  
CL ST  310  3 Credits  
Prereq: PHIL 201  
2584005  1 MFN 9:00-9:50  
Butler T  
MEETS: AUG 21-DEC 15  
**Wld Lit:Antq-Renaiss**  
CL ST  353  3 Credits  
Prereq: ENGL 250 OR ENGL 105  
Note: Meets international perspectives reqmt  
2585005  A1 M 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: SECTION A1 RESTRICTED TO MAJORS OTHER THAN  
ENGL, TCOMM  
2585010  A2 M 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
**Hero Greece, Rom, Tday**  
CL ST  373  3 Credits  
Prereq: Any one course in CL ST, W S, Latin, OR  
Greek  
8792005  1 MFN 11:00-1:00  
MEETS: AUG 21-DEC 15  
**Sx,Cltr Anc Meditr**  
CL ST  374  3 Credits  
Prereq: ANY ONE COURSE IN CL ST, W S, LATIN, OR  
GREEK  
8164005  1 MFN 10:00-11:00  
MEETS: AUG 21-DEC 15  
**Grk Archae:To 700bc**  
CL ST  376A  3 Credits  
Note: Meets international perspectives reqmt  
2916005  1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
**Greek & Roman Art**  
CL ST  383  3 Credits  
Note: Instructor permission required 1st week.  
3976005  1 MFN 1:10-2:00  
MEETS: AUG 21-DEC 15  
**Greek Civilization**  
CL ST  402  3 Credits  
Prereq: Sophomore Classification  
Note: Course restricted to Sophomores and Above  
Instructor permission required 1st week.  
2589005  1 MW 1:10-2:00  
MEETS: AUG 21-DEC 15
COMMUNICATION STUDIES

INTRO COMMUNIC STDI   COMST 101 3 CREDITS
7918005  WRF 9:00-10:50
MEETS: AUG 21-DEC 15

INTRO INTERRPS COMM   COMST 102 3 CREDITS
8105005  1A  MWF 8:00-9:50
MEETS: AUG 21-DEC 15

INTRO COM RSCH MTD   COMST 203 3 CREDITS
Prereq: COMST 101
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
5123005  1 TR 9:00-10:50
MEETS: AUG 21-DEC 15

COMM U.S. DIVERSITY   COMST 210 3 CREDITS
Prereq: U.S. diversity reqmt
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
7066005  1 TR 9:30-10:50
MEETS: AUG 21-DEC 15

COMM CONFLICT MANAGM   COMST 218 3 CREDITS
Prereq: COMST 101
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
7314005  1 TR 8:00-9:20
MEETS: AUG 21-DEC 15

HUMAN COMM UNIV   COMST 301 3 CREDITS
Prereq: COMST 101
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
6593005  1 TR 9:30-10:50
MEETS: AUG 21-DEC 15

INTERCULTURAL COMM   COMST 310 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
7934005  1 TR 8:00-9:20
MEETS: AUG 21-DEC 15

STDI INTRPRSNL COMM   COMST 311 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
6428005  1 TR 10:00-11:50
MEETS: AUG 21-DEC 15

COMMUNICATION STUDIES

INTRO COMMUNIC STDI   COMST 101 3 CREDITS
7918005  WRF 9:00-10:50
MEETS: AUG 21-DEC 15

COMM U.S. DIVERSITY   COMST 210 3 CREDITS
Prereq: U.S. diversity reqmt
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
7066005  1 TR 9:30-10:50
MEETS: AUG 21-DEC 15

COMM CONFLICT MANAGM   COMST 218 3 CREDITS
Prereq: COMST 101
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
7314005  1 TR 8:00-9:20
MEETS: AUG 21-DEC 15

HUMAN COMM UNIV   COMST 301 3 CREDITS
Prereq: COMST 101
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
6593005  1 TR 9:30-10:50
MEETS: AUG 21-DEC 15

INTERCULTURAL COMM   COMST 310 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
7934005  1 TR 8:00-9:20
MEETS: AUG 21-DEC 15

STDI INTRPRSNL COMM   COMST 311 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
6428005  1 TR 10:00-11:50
MEETS: AUG 21-DEC 15

COMMUNICATION STUDIES

INTRO COMMUNIC STDI   COMST 101 3 CREDITS
7918005  WRF 9:00-10:50
MEETS: AUG 21-DEC 15

COMM U.S. DIVERSITY   COMST 210 3 CREDITS
Prereq: U.S. diversity reqmt
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
7066005  1 TR 9:30-10:50
MEETS: AUG 21-DEC 15

COMM CONFLICT MANAGM   COMST 218 3 CREDITS
Prereq: COMST 101
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
7314005  1 TR 8:00-9:20
MEETS: AUG 21-DEC 15

HUMAN COMM UNIV   COMST 301 3 CREDITS
Prereq: COMST 101
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
6593005  1 TR 9:30-10:50
MEETS: AUG 21-DEC 15

INTERCULTURAL COMM   COMST 310 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
7934005  1 TR 8:00-9:20
MEETS: AUG 21-DEC 15

STDI INTRPRSNL COMM   COMST 311 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
6428005  1 TR 10:00-11:50
MEETS: AUG 21-DEC 15

COMMUNICATION STUDIES

INTRO COMMUNIC STDI   COMST 101 3 CREDITS
7918005  WRF 9:00-10:50
MEETS: AUG 21-DEC 15

COMM U.S. DIVERSITY   COMST 210 3 CREDITS
Prereq: U.S. diversity reqmt
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
7066005  1 TR 9:30-10:50
MEETS: AUG 21-DEC 15

COMM CONFLICT MANAGM   COMST 218 3 CREDITS
Prereq: COMST 101
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
7314005  1 TR 8:00-9:20
MEETS: AUG 21-DEC 15

HUMAN COMM UNIV   COMST 301 3 CREDITS
Prereq: COMST 101
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
6593005  1 TR 9:30-10:50
MEETS: AUG 21-DEC 15

INTERCULTURAL COMM   COMST 310 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
7934005  1 TR 8:00-9:20
MEETS: AUG 21-DEC 15

STDI INTRPRSNL COMM   COMST 311 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO COMST MAJORS ONLY
6428005  1 TR 10:00-11:50
MEETS: AUG 21-DEC 15
COMMUNITY & REGIONAL PLANNING (CONTINued)

ENVIRONMENTAL PLANNING C R P 293 3 CREDITS
Prereq: SOCPHOREsERExURE C LASSIFICATION
2384005 TR 12:40-2:00 HAMIDEH S
MEETS: AUG 21-DEC 15

PRACTICUM C R P 330 1- 3 CREDITS
Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING
Satisfactory-Fail Only.
2386005 ARRANGED OWUSU F
MEETS: AUG 21-DEC 15
Note: Department permission required.

PRO PRACTICE SEMINAR C R P 331 2 CREDITS
Prereq: C R P 301, JUNIOR CLASSIFICATION
3962005 ARRANGED
MEETS: AUG 21-DEC 15

INTROD GEOG INFO SYS C R P 351X 3 CREDITS
Prereq: C R P 251X
6366005 A MW 10:00-10:50 MEHROTA N
F 1:10-3:00 MEHROTA N
MEETS: AUG 21-DEC 15
6366010 B MW 10:00-10:50 MEHROTA N
R 9:00-10:50 MEHROTA N
MEETS: AUG 21-DEC 15

RURAL, URBAN & REGIONAL ECON C R P 376 3 CREDITS
Prereq: ECON 101
2227005 1 MWF 2:10-3:00
MEETS: AUG 21-DEC 15

PLAN PROCESS THEORY C R P 383 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
2388005 TR 9:30-10:30 RONGERUDE J
MEETS: AUG 21-DEC 15

FIELD TRAVEL C R P 391 1- 2 CREDITS
Prereq: C R P MAJOR, PERMISSION OF ADVISER
Note: COURSE OFFERED FOR 1 CREDIT FALL 2017
Satisfactory-Fail Only.
2402005 M 8:00-8:50 HADDAD M
ARRANGED
MEETS: AUG 21-DEC 15

COMMUNITY PLAN STUDIO C R P 432 4- 6 CREDITS
Prereq: C R P 201, C R P 301, OR PERMISSION
OF INSTRUCTOR
Note: COURSE OFFERED FOR 6 CREDITS FALL 2017
2391005 MW 12:10-5:20 BORICH T
MEETS: AUG 21-DEC 15
Note: FIELD TRIPS & TRAVEL FEE: $25.00 - $100.00

PLAN IN SMALL TOWNS C R P 435 3 CREDITS
Prereq: C R P 201 OR JUNIOR CLASSIFICATION
1979005 MWF 11:00-11:50 BRADBURY S
MEETS: AUG 21-DEC 15

SITE DEVELOPMENT C R P 442 3 CREDITS
Prereq: C R P 301
8760005 A TR 11:00-12:20 BRADBURY S
MEETS: AUG 21-DEC 15

SMART CITIES C R P 453X 3 CREDITS
6077005 MW 11:00-12:30 POPLIN A
MEETS: AUG 21-DEC 15

FUND REMOTE SENSING C R P 454 3 CREDITS
8957005 MW 8:00-9:50 GELDER B
MEETS: AUG 21-DEC 15

GIS PROGRAM & AUTOMATION C R P 456 3 CREDITS
Prereq: ONE OF THE FOLLOWING: C R P 451,
C R P 455, NREM 345, NREM 446, GEOL 552
5720005 TR 10:00-11:50 GELDER B
MEETS: AUG 21-DEC 15

GRANT WRITING C R P 475 1 CREDIT
Note: Instructor permission required 1st week.
5575005 W 7:00-8:30 PM MEETS: AUG 21-DEC 15

COMMUNITY & REGIONAL PLANNING (CONTINUED)

INDEPENDENT STUDY C R P 490 1- 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
DEPARTMENT CHAIR ON REQUIRED FORM.
Note: Instructor permission required 1st week.
Satisfactory-Fail Only
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS C R P 490H 1- 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN
UNIVERSITY HONORS PROGRAM.
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
HONORS PROGRAM ONLY
Instructor permission required 1st week.
Satisfactory-Fail Only
***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL LAW/PAN C R P 591 3 CREDITS
Prereq: 6 CREDITS IN NATURAL SCIENCES
2396005 A T 5:10-8:00 PM MEETS: AUG 21-DEC 15

PL LAW, ADMIN, IMPLEM C R P 492 3 CREDITS
Prereq: C R P 383
2397005 A TR 3:40-5:00 SPODEN J
MEETS: AUG 21-DEC 15

COMMUNITY HONORS PROGRAM C R P 510 1 CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR
***** SEE DEPT FOR REFERENCE NUMBERS

DOCUMENT HIS LT ENV C R P 511X 3- 4 CREDITS
Prereq: KNOWLEDGE OF GIS HELPFUL BUT NOT REQUIRED
6086005 1 T 5:10-8:00 PM GREVSTAD-NORDBRO
MEETS: AUG 21-DEC 15

DEVELOP COUNTRIES PLAN C R P 529 3 CREDITS
2404005 A 8:00-9:20 OWUSU F
MEETS: AUG 21-DEC 15

PRACTICUM C R P 530 1- 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN C R P
Satisfactory-Fail Only.
2405005 ARRANGED
MEETS: AUG 21-DEC 15

COMMUNITY PLAN STUDIO C R P 532 4 CREDITS
Prereq: C R P 504 OR EQUIVALENT
2407005 A TR 3:40-5:30 RONGERUDE J
MEETS: AUG 21-DEC 15

SITE DEVELOPMENT C R P 542 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
8759005 TR 11:00-12:20 BRADBURY S
MEETS: AUG 21-DEC 15

FUND REMOTE SENSING C R P 554 3 CREDITS
2457005 MW 8:00-9:50 GELDER B
MEETS: AUG 21-DEC 15

GIS PROGRAM & AUTOMATION C R P 556 3 CREDITS
Prereq: ONE OF THE FOLLOWING: C R P 451,
C R P 455, NREM 345, NREM 446, GEOL 552
5856005 MW 10:00-11:50 GELDER B
MEETS: AUG 21-DEC 15

PLAM AMER METROPOLIS C R P 563 3 CREDITS
9380005 M 5:10-7:40 PM BAGNASHIAN C
MEETS: AUG 21-DEC 15

INTRO ANLYT MTHDS PL C R P 564 3 CREDITS
9329005 MW 10:00-11:30 HADDAD M
MEETS: AUG 21-DEC 15

POLICY ANALYSIS & PLANN C R P 566 3 CREDITS
9330005 W 5:10-8:00 PM SEO Y
MEETS: AUG 21-DEC 15

GRANT WRITING C R P 575 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
5592005 W 7:00-8:30 PM MEETS: AUG 21-DEC 15

Note: Instructor permission required.
COMMUNITY & REGIONAL PLANNING (CONTINUED)

SPL TP PLAN LAW, ADM CPR P 590A 1-3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP C ECON DEVELO CPR P 590B 1-3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN CPR P 590C 1-3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOUSURB RV CPR P 590D 1-3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN CPR P 590H 1-3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPORT PLAN CPR P 590I 1-3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC INTL PLAN CPR P 590W 1-3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATIL AN MTH CPR P 590O 1-3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SM TOWN PLAN CPR P 590P 1-3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRS&SEQ PLAN CPR P 590Q 1-3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GIS CPR P 590R 1-3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

LAND USE REGULA LAW CPR P 592 3 CREDITS
24270005 TR 11:00-12:30
MEETS: AUG-DEC 15

SEMINAR GIS APP/RES CPR P 595 1 CREDIT
Prereq: 9 CREDITS IN GIS CERTIFICATE PROGRAM
Satisfactory-Fail Only.
5571005 M 12:10-1:00
HADDAD M
MEETS: AUG-DEC 15

PRO PLANNING REPORT CPR P 599 VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CPR P 699 VAR. CREDITS
Note: Instructor permission required.
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

COMPUTER ENGINEERING (CONTINUED)

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: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
MAY BE APPLIED TOWARD GRADUATION: M E 160, ENGR 160,
AER E 160, C E 160, A B E 160, CPR E 185, E E 185,
3878005 A TR 8:00-8:50
W 12:10-2:00
MEETS: AUG-DEC 15
Note: SECTION A RESTRICTED TO CPR E MAJORS ONLY
3878010 B TR 8:00-8:50
F 10:00-11:15
MEETS: AUG-DEC 15
Note: SECTION B RESTRICTED TO CPR E MAJORS ONLY
3878015 C TR 8:00-8:50
F 10:00-11:15
MEETS: AUG-DEC 15
Note: SECTION C RESTRICTED TO CPR E MAJORS ONLY
3878020 D TR 8:00-8:50
F 2:10-4:00
MEETS: AUG-DEC 15
Note: SECTION D RESTRICTED TO CPR E MAJORS ONLY
3878025 E TR 8:00-8:50
W 2:10-4:00
MEETS: AUG-DEC 15
Note: SECTION E RESTRICTED TO ENGR COLLEGE MAJORS
3878030 F TR 8:00-8:50
W 4:10-6:00PM
MEETS: AUG-DEC 15
Note: SECTION F RESTRICTED TO CPR E, S E MAJORS ONLY
3878035 G TR 8:00-8:50
W 6:10-8:00PM
MEETS: AUG-DEC 15
Note: SECTION G RESTRICTED TO CPR E, S E MAJORS ONLY
3878040 J TR 8:00-8:50
T 10:00-11:15
MEETS: AUG-DEC 15
Note: SECTION J RESTRICTED TO CPR E, S E MAJORS ONLY
3878045 K TR 8:00-8:50
R 6:10-8:00PM
MEETS: AUG-DEC 15
Note: SECTION K RESTRICTED TO CPR E, S E MAJORS ONLY
3878050 L TR 8:00-8:50
R 4:10-6:00PM
MEETS: AUG-DEC 15
Note: SECTION L RESTRICTED TO CPR E, S E MAJORS ONLY
3878055 M TR 8:00-8:50
W 10:00-11:15
MEETS: AUG-DEC 15
Note: SECTION M RESTRICTED TO CPR E, S E MAJORS ONLY
3878060 N TR 8:00-8:50
T 4:10-6:00PM
MEETS: AUG-DEC 15
Note: SECTION N RESTRICTED TO CPR E, S E MAJORS ONLY

TRANSFER ORIENTATION CPR E 261 R CREDIT
Note: COURSE RESTRICTED TO CPR E, S E, M A, J S, P C S,
S E SOPHOMORES, JUNIORS AND SENIORS
9198005 A W 11:00-11:50
MEETS: AUG-DEC 15
9198010 B T 11:00-11:50
MEETS: AUG-DEC 15

DIG LOGIC, PROCSR, P I CPR E 281 4 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
ENROLLMENT IN MATH 165
3721005 A MF 2:10-3:00
T 8:00-10:50
MEETS: AUG-DEC 15
3721010 B MF 2:10-3:00
T 5:10-8:00PM
MEETS: AUG-DEC 15
3721015 C MF 2:10-3:00
T 11:00-1:00
MEETS: AUG-DEC 15
3721020 D MF 2:10-3:00
W 3:10-6:00PM
MEETS: AUG-DEC 15
3721025 E MF 2:10-3:00
R 8:00-10:50
MEETS: AUG-DEC 15
3721030 F MF 2:10-3:00
F 8:00-10:50
MEETS: AUG-DEC 15
3721035 G MF 4:10-5:00
F 11:00-1:00
MEETS: AUG-DEC 15
3721040 J MF 4:10-5:00
W 8:00-10:50
MEETS: AUG-DEC 15
3721045 K MF 4:10-5:00
R 2:10-4:00
MEETS: AUG-DEC 15
3721050 L MF 4:10-5:00
T 11:00-1:00
MEETS: AUG-DEC 15
3721055 M MF 4:10-5:00
T 2:10-4:00
MEETS: AUG-DEC 15
3721060 N MF 4:10-5:00
M 9:10-11:50
MEETS: AUG-DEC 15

INTR CMPT SECURITY CPR E 131 1 CREDIT
Satisfactory-Fail Only.
3482005 1 MF 4:00-4:50
MEETS: AUG-OCT 13
DIG LOGC, PROC, P C CPR E 281 4 CREDITS
7321065 A MF 4:10-5:00
T 12:10-2:00
MEETS: AUG 21-DEC 15
M 12:10-3:00
MEETS: AUG 21-DEC 15
7321070 Q MF 4:10-5:00
R 11:00-12:15
MEETS: AUG 21-DEC 15
7321075 R MF 4:10-5:00
M 5:10-8:00PM
MEETS: AUG 21-DEC 15
7321080 T MF 4:10-5:00
W 6:10-9:00PM
MEETS: AUG 21-DEC 15
7321085 U MF 4:10-5:00
T 11:00-1:15
MEETS: AUG 21-DEC 15
7321090 V MF 4:10-5:00
R 11:00-1:15
MEETS: AUG 21-DEC 15

EMBEDDE SYS I:INTRO CPR E 288 4 CREDITS
Prereq: CPR E 281, COM S 207 OR 227 OR E E 285
3364005 A TR 9:30-10:50
T 11:00-1:50
MEETS: AUG 21-DEC 15
3364010 B TR 9:30-10:50
T 12:10-2:00
MEETS: AUG 21-DEC 15
3364015 C TR 9:30-10:50
W 10:00-11:50
MEETS: AUG 21-DEC 15
3364020 D TR 9:30-10:50
R 12:10-2:00
MEETS: AUG 21-DEC 15
3364025 E TR 9:30-10:50
R 1:10-3:30
W 12:10-2:00
MEETS: AUG 21-DEC 15
3364030 F TR 9:30-10:50
W 11:00-1:30
MEETS: AUG 21-DEC 15
3364035 G TR 9:30-10:50
W 12:10-2:00
MEETS: AUG 21-DEC 15
3364040 J TR 9:30-10:50
F 11:00-1:30
MEETS: AUG 21-DEC 15

PROGRAM DISCOVERY CPR E 294 R CREDIT
Prereq: CPR E 166 OR E E 166
Satisfactory-Fail Only.
5337015 B1 M 1:10-2:00
MEETS: AUG 21-DEC 15
Note: SECTION B1 RESTRICTED TO CPR E MAJORS ONLY
5337015 B2 M 1:10-2:00
MEETS: AUG 21-DEC 15
Note: SECTION B2 RESTRICTED TO CPR E MAJORS ONLY
5337020 B3 M 1:10-2:00
MEETS: AUG 21-DEC 15
Note: SECTION B3 RESTRICTED TO CPR E MAJORS ONLY
5337025 C1 F 3:10-4:00
MEETS: AUG 21-DEC 15
Note: SECTION C1 RESTRICTED TO CPR E MAJORS ONLY
5337030 C2 F 3:10-4:00
MEETS: AUG 21-DEC 15
Note: SECTION C2 RESTRICTED TO CPR E MAJORS ONLY
5337035 C3 F 3:10-4:00
MEETS: AUG 21-DEC 15

OPERAT SYS:PRIN&PRA CPR E 308 4 CREDITS
Prereq: CPR E 281 OR CPR S 312
2036005 A MF 9:00-9:50
MEETS: AUG 21-DEC 15
W 4:10-7:00PM
MEETS: AUG 21-DEC 15
2036010 B MF 9:00-9:50
F 11:00-1:30
MEETS: AUG 21-DEC 15
2036015 C MF 9:00-9:50
T 4:10-7:00PM
MEETS: AUG 21-DEC 15
2036020 D MF 9:00-9:50
R 8:00-10:50
MEETS: AUG 21-DEC 15
2036025 E MF 12:10-1:10
MEETS: AUG 21-DEC 15
W 9:00-11:50
MEETS: AUG 21-DEC 15
2036030 F MF 12:10-1:10
MEETS: AUG 21-DEC 15
2036035 G MF 12:10-1:10
MEETS: AUG 21-DEC 15
2036040 H MF 12:10-1:10
MEETS: AUG 21-DEC 15

THEORET FOUND CPR E CPR E 310 3 CREDITS
Prereq: CPR E 284 OR CPR E 294
9240005 A TR 8:00-9:20
MEETS: AUG 21-DEC 15

SOFTWARE PROJCT MGT CPR E 329 3 CREDITS
Prereq: CPR E 284
6832005 A TR 11:00-12:15
MEETS: AUG 21-DEC 15

SOFTWARE ARCHITC&DESIGN CPR E 339 3 CREDITS
Prereq: CPR E 288
5338005 A MF 4:10-5:00
W 6:10-8:00PM
MEETS: AUG 21-DEC 15
5338010 B MF 4:10-5:00
R 6:10-8:00PM
MEETS: AUG 21-DEC 15
5338015 C MF 4:10-5:00
W 6:10-8:00PM
MEETS: AUG 21-DEC 15
5338020 D MF 4:10-5:00
F 8:00-10:50
MEETS: AUG 21-DEC 15
5338025 E MF 12:10-1:10
R 8:00-10:50
MEETS: AUG 21-DEC 15
5338030 F MF 12:10-1:10
MEETS: AUG 21-DEC 15
COMPUTER ENGINEERING

COOPERATIVE EDUCATION CPR E 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

* * * * * SEE DEPT FOR REFERENCE NUMBERS

HI SPEED SYS MEASUR CPR E 418 4 CREDITS
Prereq: E 320 and 311
5762005 A TR 12:00-12:30
M 4:10-6:00PM
MEETS: AUG 21-DEC 15

INTR HI PRFM CMPUTG CPR E 424 3 CREDITS
Prereq: MAT 265, MATH 207 OR MATH 317
9829005 TR 2:10-4:00
MEETS: AUG 21-DEC 15

NTWRK PROTOCOLS&SEC CPR E 430 3 CREDITS
Prereq: CPR E 391 OR EQUIVALENT
9368005 A TR 8:00-9:15
MEETS: AUG 21-DEC 15

BIOINFORMATICS ANALYS CPR E 444 4 CREDITS
Prereq: MAT 165 OR STAT 401 OR EQUIVALENT
8545005 T 11:00-12:20
W 1:10-3:00
MEETS: AUG 21-DEC 15

REAL TIME SYSTEMS CPR E 458 3 CREDITS
Prereq: 308 OR COMP 325
4510005 MWF 11:00-11:50
MEETS: AUG 21-DEC 15

DIGITAL VLSI DESIGN CPR E 465 4 CREDITS
Prereq: E 330
9514005 A TR 9:30-10:50
T 10:00-11:00
MEETS: AUG 21-DEC 15

MULTIDISCI ENGR DSGN CPR E 466 3 CREDITS
Prereq: STUDENT MUST BE WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
1899005 1 MWF 10:00-11:00
MEETS: AUG 21-DEC 15

CPR SYS ARCHITECTUR CPR E 581 3 CREDITS
Prereq: BCB 567, BBMB 316, GEN 409, STAT 430
8329005 A TR 11:00-12:15
MEETS: AUG 21-DEC 15

INDEPENDENT STUDY CPR E 490 VAR. CREDITS
Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
Note: Department permission required 1st week.
* * * * * SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEPENDENT STUDY CPR E 490H VAR. CREDITS
Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR, MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
Department permission required 1st week.
* * * * * SEE DEPT FOR REFERENCE NUMBERS

SR DESIGN PROJ I&II CPR E 491 3 CREDITS
Prereq: 308 OR E 322, COMPLETION OF 24 CREDITS IN THE E E CORE PROFESSIONAL PROGRAM OR 29 CREDITS IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL 314
Note: COURSE RESTRICTED TO CPR E, E E, S E JUNIORS AND SENIORS
Instructor permission required each week.
7265005 1 T 2:10-4:00, ARRANGED
MEETS: AUG 21-DEC 15

SR DESIGN PROJ III CPR E 492 2 CREDITS
Prereq: 491
Note: COURSE RESTRICTED TO CPR E, E E, S E JUNIORS AND SENIORS
1659002 R 2:10-3:00, ARRANGED
MEETS: AUG 21-DEC 15

PORTFOLIO ASSESSMNT CPR E 494 R CREDIT
Prereq: CPR E 394, R CREDIT
Note: COURSE RESTRICTED TO CPR E, E E JUNIORS OR SENIORS ONLY
2279005 A W 2:10-3:00
MEETS: AUG 21-DEC 15
2279010 B R 3:10-4:00
MEETS: AUG 21-DEC 15
2279015 C W 3:10-4:00
MEETS: AUG 21-DEC 15
2279020 D R 2:10-3:00
MEETS: AUG 21-DEC 15

ANALYSIS VLSI TCNQ CPR E 501 4 CREDITS
Prereq: 415
5329005 A TR 2:10-3:30
MEETS: AUG 21-DEC 15

DSN&ANALYSIS ALGORITHM CPR E 511 3 CREDITS
5651005 1 MF 12:10-1:00
MEETS: AUG 21-DEC 15

INFO SYSM SECURITY CPR E 531 3 CREDITS
Prereq: 489 OR CPR E 390 OR ENROLLMENT IN CPR E, E E, S E JUNIORS
Note: ON-CAMPUS SECTIONS RESTRICTED TO CPR E, E E, S E Majors ONLY
4537005 A MF 2:10-3:00
MEETS: AUG 21-DEC 15

HI-PERF FFMM NTWRK CPR E 541 3 CREDITS
Prereq: 530 OR 489
4357005 A TR 9:30-10:50
MEETS: AUG 21-DEC 15

INFO SYSTM SECURITY CPR E 557 3 CREDITS
Prereq: 308 OR COMP 325
8104005 ARRANGED
MEETS: AUG 21-DEC 15

CMPT4NTWRK FORENSI CPR E 559 3 CREDITS
Prereq: 530 OR CPR E 530
5531005 TR 9:30-10:50
MEETS: AUG 21-DEC 15

REAL-TIME SYSTEMS CPR E 558 3 CREDITS
Prereq: 308 OR COMP 325
4574005 MWF 11:00-11:50
MEETS: AUG 21-DEC 15

STRUCT GENOM INFRA CPR E 569 3 CREDITS
Prereq: COMP 328, COMP 330, CREDIT OR ENROLLMENT IN BIOL 315, STAT 430
8329005 A TR 11:00-12:15
MEETS: AUG 21-DEC 15

CREATIVE COMPONENT CPR E 569 VAR. CREDITS
Prereq: M E 421, PROGRAMMING EXPERIENCE IN C
2985005 A TR 2:10-3:30
MEETS: AUG 21-DEC 15

SEMINAR CMPUTR ENGR CPR E 592 1-4 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS CPR E 590 1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INFO ASSUR CAPSTONE CPR E 632 3 CREDITS
Prereq: CPR E 489 OR CPR E 530
8104005 TR 2:10-3:30
MEETS: AUG 21-DEC 15

SPECIAL TOPICS CPR E 590 1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR CMPUTR ENGR CPR E 592 1-4 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INFO ASSUR CAPSTONE CPR E 632 3 CREDITS
Prereq: CPR E 489 OR CPR E 530
8104005 TR 2:10-3:30
MEETS: AUG 21-DEC 15

SPECIAL TOPICS CPR E 590 1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR CMPUTR ENGR CPR E 592 1-4 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INFO ASSUR CAPSTONE CPR E 632 3 CREDITS
Prereq: 531, 532, 534
8104005 ARRANGED
MEETS: AUG 21-DEC 15

Note: Department permission required.

ENGINEERG INTERNSHIP CPR E 697 1 CREDIT
Prereq: CPR E 698
8104005 ARRANGED
MEETS: AUG 21-DEC 15

Note: Department permission required.

SPECIAL TOPICS CPR E 590 1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR CMPUTR ENGR CPR E 592 1-4 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INFO ASSUR CAPSTONE CPR E 632 3 CREDITS
Prereq: CPR E 489 OR CPR E 530
8104005 ARRANGED
MEETS: AUG 21-DEC 15

Note: Department permission required.
INTRO SPREADSH&DATABS\ COM S 113 3 CREDITS

MAJORS ONLY

776102  D TR 9:30-10:20
MEETS: AUG 21-DEC 15
Note: SECTION D RESTRICTED TO MAJORS OTHER THAN
COLLEGE OF BUSINESS

776103  E TR 11:00-11:50
MEETS: AUG 21-DEC 15
Note: SECTION E RESTRICTED TO MAJORS OTHER THAN
COLLEGE OF BUSINESS

776104  F TR 12:40-1:30
MEETS: AUG 21-DEC 15
Note: SECTION F RESTRICTED TO MAJORS OTHER THAN
COLLEGE OF BUSINESS

Note: CREDIT FOR EITHER COM S 103 OR COM S 113/COM S
INTRO SPRDSH&DATABS   COM S 113       3 CREDITS

INTRO PROB SLV PROG\ COM S 127 4 CREDITS

Frered: MATH 140

8789005  1 MWF 11:00-11:50
W 10:00-11:50
MEETS: AUG 21-DEC 15

8789010  2 MWF 2:10-3:00
R 8:00-9:50
MEETS: AUG 21-DEC 15

8789015  3 MWF 2:10-3:00
R 2:10-4:00
MEETS: AUG 21-DEC 15

CAREERS IN COM SCI\ COM S 203 R CREDIT

Satisfactory-Fail Only.

2682005  R 12:40-2:15
MEETS: AUG 21-DEC 15

FUND CPTR PROGRAM\ COM S 207 3 CREDITS

Frered: MATH 150 OR PLACEMENT INTO MATH
140/MATH 141/MATH 142/MATH 145 OR HIGHER

Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

Night exams scheduled. For dates go to
http://www.registrar.iastate.edu/students/exams/
night-exams.

9235005  1 MWF 10:00-10:50
MEETS: AUG 21-DEC 15

9235010  2 MWF 8:00-8:50
MEETS: AUG 21-DEC 15

9235015  3 MWF 8:00-8:50
MEETS: AUG 21-DEC 15
INTR OBJS ORIEN PRG  COM S 227  4 CREDITS

Prereq: PLACEMENT INTO MATH 143, MATH 165, OR HIGHER; RECOMMENDED: A PREVIOUS HIGH SCHOOL OR COLLEGE COURSE IN PROGRAMMING OR EQUIVALENT EXPERIENCE

Note: 2-PART COURSE. REGISTER FOR A LECTURE SECTION (LETTERED SECTIONS A, B) FIRST AND THEN A LAB SECTION (NUMBERED SECTIONS 1-5). STUDENTS WHO DON’T REGISTER FOR BOTH A LECTURE AND A LAB WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

Instructor permission required 1st week.

Satisfactory-Fail Only.

MEETS: AUG 21-DEC 15

INDEP STUDY HONORS  COM S 290  VAR. CREDITS

Prereq: PERMISSION OF INSTRUCTOR

Note: Instructor permission required 1st week.

Satisfactory-Fail Only.

MEETS: AUG 21-DEC 15

INTR CPTR ARCH&MACH  COM S 207  3 CREDITS

Prereq: C- OR BETTER IN COM S 228, MATH 166, ENGL 150; COM S 230 OR CPR E 310

MEETS: AUG 21-DEC 15

ADV PROGRAMMING  COM S 237  3 CREDITS

Prereq: C- OR BETTER IN COM S 228, OR IN MATH 165

MEETS: AUG 21-DEC 15

INTRO CMPT GRPHCS  COM S 336  3 CREDITS

Prereq: COM S 327; CONCURRENT ENROLLMENT IN MATH 207 OR MATH 317

MEETS: AUG 21-DEC 15
### COMPUTER SCIENCE (CONTINUED)

#### PRIN PROGR LANGUAGES

**COM S 342**  
3 CREDITS  
Prereq: C- OR BETTER IN COM S 228;  
C- OR BETTER IN MATH 165; COM S 230 OR CPR E 310

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>2687005</td>
<td>M-F</td>
<td>11:00-12:15</td>
<td>LE W</td>
<td>M 12:10-1:00</td>
</tr>
<tr>
<td>2687010</td>
<td>M-F</td>
<td>11:00-12:15</td>
<td>LE W</td>
<td>M 12:10-1:00</td>
</tr>
</tbody>
</table>

MEETS: AUG 21-DEC 15  
R 9:00-9:50

#### INTRO OPERATING SYS

**COM S 352**  
3 CREDITS  
Prereq: COM S 321, COM S 327, ENGL 250  
R 2:10-3:30 TIAN W

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>2688005</td>
<td>M-F</td>
<td>11:00-12:15</td>
<td>CHANG K</td>
<td>T 11:00-12:15</td>
</tr>
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</table>

MEETS: AUG 21-DEC 15

### FALL 2017

#### PRIN PROGR LANGUAGES

**COM S 342**  
3 CREDITS  
Prereq: C- OR BETTER IN COM S 228;  
C- OR BETTER IN MATH 165; COM S 230 OR CPR E 310

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>2687005</td>
<td>M-F</td>
<td>11:00-12:15</td>
<td>LE W</td>
<td>M 12:10-1:00</td>
</tr>
<tr>
<td>2687010</td>
<td>M-F</td>
<td>11:00-12:15</td>
<td>LE W</td>
<td>M 12:10-1:00</td>
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MEETS: AUG 21-DEC 15  
R 9:00-9:50

#### INTRO OPERATING SYS

**COM S 352**  
3 CREDITS  
Prereq: COM S 321, COM S 327, ENGL 250  
R 2:10-3:30 TIAN W

<table>
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<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>2688005</td>
<td>M-F</td>
<td>11:00-12:15</td>
<td>CHANG K</td>
<td>T 11:00-12:15</td>
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</tbody>
</table>

MEETS: AUG 21-DEC 15

### COMPUTER SCIENCE (CONTINUED)

#### PROB SOLV TCNQ APPL

**COM S 477**  
3 CREDITS  
Prereq: 288; 330 OR CPR E 310; MATH 166, MATH 307

<table>
<thead>
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<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>6263005</td>
<td>TR</td>
<td>12:10-1:25</td>
<td>JIA Y</td>
<td>TR 12:10-1:25</td>
</tr>
</tbody>
</table>

MEETS: AUG 21-DEC 15  
INDEPENDENT STUDY  
**COM S 490**  
VAR. CREDITS  
Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.

#### INDEPENDENT STUDY HONORS

**COM S 490H**  
VAR. CREDITS  
Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.

#### SOFTWARE REQMTS ENGR

**COM S 509**  
3 CREDITS  
Prereq: COM S 309; FOR GRADUATE CREDIT: GRADUATE STANDING OR PERMISSION OF INSTRUCTOR

<table>
<thead>
<tr>
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<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>8523005</td>
<td>TR</td>
<td>9:30-10:50</td>
<td>LUTZ R</td>
<td>TR 9:30-10:50</td>
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</tbody>
</table>

MEETS: AUG 21-DEC 15  
INDEPENDENT STUDY HONORS  
**COM S 490H**  
VAR. CREDITS  
Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.

#### COMPUTER SCIENCE (CONTINUED)

#### SOFTWRE REQMTS ENGR

**COM S 509**  
3 CREDITS  
Prereq: COM S 309; FOR GRADUATE CREDIT: GRADUATE STANDING OR PERMISSION OF INSTRUCTOR

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MEETS: AUG 21-DEC 15  
INDEPENDENT STUDY HONORS  
**COM S 490H**  
VAR. CREDITS  
Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.

#### COMPUTER SCIENCE (CONTINUED)

#### PROB SOLV TCNQ APPL

**COM S 477**  
3 CREDITS  
Prereq: 288; 330 OR CPR E 310; MATH 166, MATH 307

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MEETS: AUG 21-DEC 15  
INDEPENDENT STUDY  
**COM S 490**  
VAR. CREDITS  
Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.

#### SOFTWARE REQMTS ENGR

**COM S 509**  
3 CREDITS  
Prereq: COM S 309; FOR GRADUATE CREDIT: GRADUATE STANDING OR PERMISSION OF INSTRUCTOR

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MEETS: AUG 21-DEC 15  
INDEPENDENT STUDY HONORS  
**COM S 490H**  
VAR. CREDITS  
Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.

#### COMPUTER SCIENCE (CONTINUED)

#### PROB SOLV TCNQ APPL

**COM S 477**  
3 CREDITS  
Prereq: 288; 330 OR CPR E 310; MATH 166, MATH 307

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MEETS: AUG 21-DEC 15  
INDEPENDENT STUDY HONORS  
**COM S 490**  
VAR. CREDITS  
Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.

#### SOFTWARE REQMTS ENGR

**COM S 509**  
3 CREDITS  
Prereq: COM S 309; FOR GRADUATE CREDIT: GRADUATE STANDING OR PERMISSION OF INSTRUCTOR

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MEETS: AUG 21-DEC 15  
INDEPENDENT STUDY HONORS  
**COM S 490H**  
VAR. CREDITS  
Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.
CONSTRUCTION ENGINEERING

CRIMINAL JUSTICE STUDIES
CRIMINAL JUSTICE STUDIES  

CRIMINOLOGY  CJ ST 341  3 CREDITS  
SOC, INDIS - CJ ST, PS A, AG SO  

CRIM & JUV JUST PRAC  CJ ST 460  3-12 CREDITS  
Prereq: JR OR SR CLASSIFICATION; PERMISSION OF CJ ST COORDINATOR; MAJOR OR MINOR IN CJ ST  
Note: NO MORE THAN 9 CREDITS OF SOC 460/CJ ST 460 MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN SOC 460/CJ ST 460 MAY BE USED TO SATISFY MINIMUM SOCIETY REQUIREMENTS FOR SOCIETY MAJORS.  
Satisfactory-Fail Only.  
2581005  ARRANGED  
MEETS: AUG 21-DEC 15  

6278025  5 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  

6278020  4 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  

6278010  2 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  

6278015  3 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  

6278020  4 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  

6278025  5 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  

6278030  6 MW 11:00-12:15  
MEETS: AUG 21-DEC 15  

6278010  2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  

6278015  3 TR 10:00-11:15  
MEETS: AUG 21-DEC 15  

6278020  4 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  

6278025  5 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  

6278030  6 MW 11:00-12:15  
MEETS: AUG 21-DEC 15  

Note: COURSE IS FOR SECONDARY AND P-12 TEACHER EDUCATION STUDENTS  

SOC FOUND U.S. EDUC  CJ ST 204  3 CREDITS  
Note: COURSE IS FOR SECONDARY AND P-12 TEACHER EDUCATION STUDENTS  

6278005  1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  

6278010  2 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  

6278015  3 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  

6278020  4 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  

6278025  5 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  

6278030  6 MW 11:00-12:15  
MEETS: AUG 21-DEC 15  

6278010  2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  

6278015  3 TR 10:00-11:15  
MEETS: AUG 21-DEC 15  

6278020  4 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  

6278025  5 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  

6278030  6 MW 11:00-12:15  
MEETS: AUG 21-DEC 15  

Note: SECTION 2 RESTRICTED TO ECE MAJORS ONLY  

ORIENTATN TEACHR ED  CJ ST 216  1 CREDIT  
Prereq: FIRST SEMESTER FRESHMAN EL ED MAJOR  
Satisfactory-Fail Only.  
8889005  TR 3:40-4:50  
MEETS: AUG 21-DEC 15  

ORIEN TCHR ED SCI,M  CJ ST 219  1 CREDIT  
Prereq: STUDENTS SEEKING TEACHER LICENSURE IN MATH, SCIENCE, FAMILY AND CONSUMER SCIENCES, OR HISTORY/SOC STUDIES IN GRADES 5-12  
Satisfactory-Fail Only.  
1863005  W 12:10-1:00  
MEETS: AUG 21-DEC 15  

STRATEGIES IN TCHNG  CJ ST 245  3 CREDITS  
Prereq: C 1 203 OR C 1 204, ECE CLASSIFICATION  
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS. TAKE ENROLLMENT PERMISSION OF INSTRUCTOR IS REQUIRED.  
Satisfactory-Fail Only.  
3238005  1 MW 8:00-9:30  
MEETS: AUG 21-DEC 15  

3238010  2 MW 10:00-11:30  
MEETS: AUG 21-DEC 15  

3238015  3 MW 12:10-2:00  
MEETS: AUG 21-DEC 15  

3238020  4 TR 8:00-9:50  
MEETS: AUG 21-DEC 15  

3238025  5 TR 10:00-11:50  
MEETS: AUG 21-DEC 15  

3238030  6 TR 12:10-2:00  
MEETS: AUG 21-DEC 15  

3238035  7 TR 2:10-4:00  
MEETS: AUG 21-DEC 15  

ECPERNCE I:CORE EXP  CJ ST 208A  1-2 CREDITS  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Note: STUDENTS MUST RESERVE ONE MORNING OR ONE AFTERNOON PER CREDIT FOR SITE VISITS. RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.  
Satisfactory-Fail Only.  
6279025  1 W 11:00-2:00, ARRANGED  
MEETS: AUG 21-DEC 15  

6279010  2 ARRANGED  
MEETS: AUG 21-DEC 15  

EXP I:LRNG TECNOLGS  CJ ST 280B  1-2 CREDITS  
Prereq: C 1 203 OR C 1 204, ECE CLASSIFICATION  
Note: ENROLLMENT PERMISSION OF INSTRUCTOR IS REQUIRED.  
Satisfactory-Fail Only.  
6280005  1 ARRANGED  
MEETS: AUG 21-DEC 15  

EXP I:MLD/MOD DISAB  CJ ST 280I  1-2 CREDITS  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM; CONCURRENT ENROLLMENT IN SP ED 330  
Note: TAKE CONCURRENTLY WITH SP ED 330. COURSE ONLY OFFERED FOR 1 CREDIT FALL 2017.  
Department permission required 1st week.  
Satisfactory-Fail Only.  
2344005  1 R 1:10-2:00, ARRANGED  
MEETS: AUG 21-DEC 15  

PRE-TCH EXP I:MUSIC  CJ ST 280K .5 CREDIT  
Satisfactory-Fail Only.  
5673005  1 ARRANGED  
MEETS: AUG 21-DEC 15  

EXPRNC I:SCNDRY ED  CJ ST 280L .5-2 CREDITS  
Prereq: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2017. RESERVE A FOUR-HOUR BLOCK, PLUS TRAVEL TIME, FOR FIELD EXPERIENCE.  
Satisfactory-Fail Only.  
2843025  1 M 12:10-1:00, ARRANGED  
MEETS: AUG 21-DEC 15
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STUDENT TEACHING OUTSIDE CENTRAL IOWA.

Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.
MEETS: AUG 21-OCT 13
8046005  1A ARRANGED
Note:РЕребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребребр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CURRICULUM & INSTRUCTION (CONTINUED)

**TEACHING OF SCIENCE C I 449 3 CREDITS**
Prereq: 377, CONCURRENT ENROLLMENT IN 378, 468B
Note: RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Department permission required 1st week.

3261005 1 TR 11:00-12:50
MEETS: AUG 21-DEC 15
Note: REGISTER FOR SECTION 1 OF C I 378 AND C I 443

3261015 2 TR 2:10-4:00
MEETS: AUG 21-DEC 15
Note: REGISTER FOR SECTION 2 OF C I 378 AND C I 443

3261025 3 TR 9:00-10:50
MEETS: AUG 21-DEC 15
Note: REGISTER FOR SECTION 3 OF C I 378 AND C I 443

3261025 4 TR 11:00-12:50
MEETS: AUG 21-DEC 15
Note: REGISTER FOR SECTION 4 OF C I 378 AND C I 443

3261025 5 TR 11:00-12:50
MEETS: AUG 21-DEC 15
Note: SECTION 5 RESTRICTED TO ECE MAJORS ONLY. REGISTER FOR SECTION 5 OF C I 378 AND C I 443.

**LITERACY & LRNG ASESMT C I 452 3 CREDITS**
Prereq: C I 378 OR EQUIVALENT

6584005 1 TR 5:10-6:30PM
R 5:10-6:30PM
MEETS: AUG 21-DEC 15
Note: CONCURRENT ENROLLMENT IN C I 488 REQUIRED

6584010 2 T 5:10-8:30PM
R 5:10-6:30PM
MEETS: AUG 21-DEC 15
Note: SECTION 1 IS FOR SPECIAL EDUCATION STUDENTS ONLY

6584015 3 TR 12:40-2:00
MEETS: AUG 21-DEC 15

6584020 4 T 5:10-8:30PM
R 5:10-8:30PM
MEETS: AUG 21-DEC 15

6584025 5 T 5:10-8:30PM
R 5:10-8:30PM
MEETS: AUG 21-DEC 15

6584030 6 TR 12:40-2:00
MEETS: AUG 21-DEC 15

Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

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**CURRICULUM & INSTRUCTION (CONTINUED)**

**EXPERC III: ENGLISH**

C I 480E 1-2 CREDITS
Prereq: FULL ADMISSION TO THE UNIVERSITY
TEACHER EDUCATION PROGRAM
5062005 1 ARRANGED
MEETS: AUG 21-DEC 15

**EXPERC III: WLD LANG**

C I 480G 1-2 CREDITS
Prereq: FULL ADMISSION TO THE UNIVERSITY
TEACHER EDUCATION PROGRAM
5174005 1 ARRANGED
MEETS: AUG 21-DEC 15

**EXPERC III: MUSCI**

C I 480K 1 CREDIT
Prereq: FULL ADMISSION TO THE UNIVERSITY
Satisfactory-Fail Only.
9064005 1 ARRANGED
MEETS: AUG 21-DEC 15

**EXPERIENCE III: ESL**

C I 480S 2 CREDITS
Prereq: C I 280S; ENGL 219 OR LING 219;
ENGL 511 OR LING 511; ENGL 220 OR LING 220; FULL
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Satisfactory-Fail Only.
7950005 ARRANGED
MEETS: AUG 21-DEC 15

**WLD LANGU MTHDS SEC**

C I 487 3 CREDITS
Prereq: 25 CREDITS IN A WORLD LANGUAGE,
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Instructor permission required.
4412005 1 R 6:10-8:30PM
MEETS: AUG 21-DEC 15

**SUPVS TUTOR READING**

C I 488 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN OR COMPLETION
OF ONE COURSE IN CORRECTIVE READING/DIAGNOSIS AND
PREVENTION OF READING PROBLEMS
9461005 1 R 5:10-8:30PM
9461010 2 R 5:10-8:30PM
MEETS: AUG 21-DEC 15
Note: SECTION 2 FOR STUDENTS IN ELEMENTARY SPECIAL
EDUCATION ONLY
9461015 3 TR 3:40-5:00, ARRANGED
MEETS: AUG 21-DEC 15
Note: MUST BE ENROLLED IN C I 452 TAUGHT BY LIND
AND MUST HAVE BACKGROUND CHECK

**INDEPENDENT STUDY MUSIC**

C I 490A VAR. CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

**INDEPENDENT STUDY CURR CONSTR**

C I 490C 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
****** SEE DEPT FOR REFERENCE NUMBERS

**INDEPENDENT STUDY PRIN EDUC**

C I 490D 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
****** SEE DEPT FOR REFERENCE NUMBERS

**INDEPENDENT STUDY MTHD TCHG**

C I 490E 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
****** SEE DEPT FOR REFERENCE NUMBERS

**INDEPENDENT STUDY EDUC PSYCH**

C I 490F 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
****** SEE DEPT FOR REFERENCE NUMBERS

**INDEPENDENT STUDY DIGITAL LNRG**

C I 490G 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
****** SEE DEPT FOR REFERENCE NUMBERS

**INDEPENDENT STUDY HONORS**

C I 490H 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
MEMBERSHIP IN UNIV HONORS PROGRAM
Note: Course restricted to students in the University
HONORS PROGRAM ONLY
****** SEE DEPT FOR REFERENCE NUMBERS

**INDEPENDENT STUDY MULTICUL ED**

C I 490J 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
****** SEE DEPT FOR REFERENCE NUMBERS

**INDEPENDENT STUDY HIST/SOC SC**

C I 490K 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
****** SEE DEPT FOR REFERENCE NUMBERS

**INDEPENDENT STUDY LITERACY ED**

C I 490L 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
****** SEE DEPT FOR REFERENCE NUMBERS

**CURRICULUM & INSTRUCTION (CONTINUED)**

**INDEPENDENT STUDY MATH EDUC**

C I 490M 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
****** SEE DEPT FOR REFERENCE NUMBERS

**INDEPENDENT STUDY WORLD LANGU**

C I 490N 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
****** SEE DEPT FOR REFERENCE NUMBERS

**INDEPENDENT STUDY SCIENCE EDUC**

C I 490P 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
****** SEE DEPT FOR REFERENCE NUMBERS

**TEACHING SECONDARY EDUCATION**

C I 494 3 CREDITS
Prereq: ENGL 315, 397, 9 OTHER CREDITS IN ENGLISH
BeyOND 250, PSYCH 333, ADMISSION TO TEACHER EDUC PROG
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
6305005 A TR 2:10-3:30
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

**TEACHING SPEECH**

C I 495B 3 CREDITS
Prereq: SF CM 313; 9 CREDITS IN SF CM;
MINIMUM GPA OF 2.50 IN SF CM COURSES
7217005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

**TEACHING SEC SCHL MATH**

C I 497 3 CREDITS
Prereq: 15 CR IN COLLEGE MATH; IF IN A TEACHER
LICENSURE PROGRAM, CONCURRENT ENROLLMENT IN C I 426
OR C I 526
6307005 1 T 5:10-8:00PM
MEETS: AUG 21-DEC 15

**MT DHS TCHG HIST/SOC**

C I 498 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 480A; ADMISSION
TO TEACHER EDUC; 10 CREDITS IN SUBJECT-MATTER FIELD
Note: RESTRICTED TO HIST, POL S MAJORS WITH FULL
OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
EDUCATION PROGRAM
8504005 M 6:10-9:00PM

**FOUND LANG TECNOLOGIES**

C I 501 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
2792005 M 5:10-8:00PM
MEETS: AUG 21-DEC 15
Note: $25 SPECIAL COURSE FEE WILL BE ASSESSED

**DESIGN LEARNING ENVIR**

C I 503 3 CREDITS
Prereq: 15 CR IN COLLEGE MATH; IF IN A TEACHER
LICENSURE PROGRAM, CONCURRENT ENROLLMENT IN C I 426
OR C I 526
8504005 M 6:10-9:00PM

**ADVANCED SOCIAL JUSTICE EDUC**

C I 506 3 CREDITS
Prereq: 6 GRADUATE CREDITS IN EDUCATION
2790005 1 W 5:10-8:00PM
MEETS: AUG 21-DEC 15

**PRINCIPAL DISTANCE LEARN**

C I 507 3 CREDITS
Prereq: 6 CR IN COLLEGE MATH; IF IN A TEACHER
LICENSURE PROGRAM, CONCURRENT ENROLLMENT IN C I 426
OR C I 526
4384005 M 4:10-7:00PM
ARRANGED
MEETS: AUG 21-DEC 15

**TECHNOL IN TEACH & LNRG**

C I 505 3 CREDITS
Prereq: 6 CR IN COLLEGE MATH; IF IN A TEACHER
LICENSURE PROGRAM, CONCURRENT ENROLLMENT IN C I 426
OR C I 526
2796005 1 ARRANGED
MEETS: AUG 21-DEC 15
Note: Course delivery is www

**ADVANCED SOCIAL JUSTICE EDUC**

C I 506 3 CREDITS
Prereq: 6 GRADUATE CREDITS IN EDUCATION
2797005 1 W 5:10-8:00PM
MEETS: AUG 21-DEC 15

**PRINCIPAL DISTANCE LEARN**

C I 507 3 CREDITS
Prereq: 6 GRADUATE CREDITS IN EDUCATION
4384005 M 4:10-7:00PM
ARRANGED
MEETS: AUG 21-DEC 15

**APPLIED GEOMETRY & MEASUREMENT**

C I 508 3 CREDITS
Prereq: 6 CR IN COLLEGE MATH; IF IN A TEACHER
LICENSURE PROGRAM, CONCURRENT ENROLLMENT IN C I 426
OR C I 526
4460005 M 5:10-8:00PM
MEETS: AUG 21-DEC 15

**TECHNICAL DIFFUSION LEADERSHIP**

C I 511 3 CREDITS
Prereq: 6 CR IN COLLEGE MATH; IF IN A TEACHER
LICENSURE PROGRAM, CONCURRENT ENROLLMENT IN C I 426
OR C I 526
8373600 XW ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION XX WILL HAVE ONE SATURDAY ON-CAMPUS
MEETING DATE TO BE DETERMINED.
DEPARTMENT PERMISSION REQUIRED TO REGISTER:
CCLYCIANE@IASTATE.EDU
Department permission required. Section XX is off campus
Course delivery is www
CURRICULUM & INSTRUCTION (CONTINUED)

MATH PROB SOLV X-12  C I  513  3 CREDITS
Prereq: 6 CREDITS OF MATH; CREDIT OR ENROLLMENT IN C I 448 OR C I 497 OR C I 597
6988005  1 W 5:10-8:00PM
MEETS: AUG 21-DEC 15

STUDNT TCH PHYS SCI C I 517B VAR. CREDITS
Prereq: FULL ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
2460010  1 ARRANGED
MEETS: AUG 21-NOV 10

STUDNT TCH MATH C I 517C VAR. CREDITS
Prereq: FULL ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
2466005  1 ARRANGED
MEETS: AUG 21-NOV 10

MEETS: AUG 21-DEC 15

STUDNT TCH BOL SCI C I 517D VAR. CREDITS
Prereq: FULL ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
2475005  1 ARRANGED
MEETS: SEPT 11-DEC 15

SCIENCE METHODS I  C I  518  3 CREDITS
Prereq: C I 448 OR C I 514; ALSO FOR UNDERGRADS: CONCURRENT ENROLLMENT IN C I 347 AND C I 468J
8369005  W 4:10-7:00PM
MEETS: AUG 21-DEC 15

BILINGUAL&U.S. MEXI C I 520  3 CREDITS
Prereq: C I 506
8570005  F 10-4:00
MEETS: AUG 21-DEC 15

PRIN SECONDARY EDUC C I 526  3 CREDITS
Prereq: SENIOR CLASSIFICATION, ADMISSION TO TEACHER EDUCATION PROGRAM
7724005  1 TR 12:40-2:00
MEETS: AUG 21-DEC 15

EDUC PSYCH LEARNING C T  533  3 CREDITS
4965005  1 T 4:30-7:00PM
MEETS: AUG 21-DEC 15

NATURE OF SCIENCE C I 547  3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 518 OR PERMISSION OF INSTRUCTOR
7717005  1 T 5:10-8:00PM
MEETS: AUG 21-DEC 15

FOUND RND&LANG ART C I 551  3 CREDITS
Prereq: TEACHING LICENSE
3282005  1 ARRANGED
MEETS: AUG 21-DEC 15
Note: Course delivery is WWW

RDGRSPND CHILD LIT C I 554  3 CREDITS
Prereq: SENIOR STATUS OR TEACHING LICENSE
1672005  1 M 5:10-8:00PM
MEETS: AUG 21-DEC 15

TECHNOL IN READ&LANG C I 556  3 CREDITS
Prereq: TEACHING LICENSE
1285005  W 4:10-8:00PM
MEETS: AUG 21-DEC 15

NEW MEDIA LITERACIE C I 568  3 CREDITS
Prereq: GRADUATE STANDING
9371005  1 ARRANGED
MEETS: AUG 21-DEC 15
Note: Course delivery is WWW
9371600  XW ARRANGED
MEETS: AUG 21-DEC 15
Note: Section is WW is off campus
Course delivery is WWW

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: CONCURRENT ENROLLMENT IN C I 552 REQUIRED
9245005  1 W 5:10-8:30PM
T 5:10-8:30PM
MEETS: AUG 21-DEC 15
9245020  4 W 5:10-8:30PM
T 5:10-8:30PM
MEETS: AUG 21-DEC 15

CURRICULUM & INSTRUCTION (CONTINUED)

SPCL TOP CURRICULUM C I 590A  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP DIGITL LANG 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 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 SECOND SCI C I 591D  1-4 CREDITS
Prereq: 15 GRADUATE CREDITS IN SPECIALITY AREA; FULL ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM
5058005  1 ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION 1 IS OFFERED FOR 1-2 CREDITS. FOR MAT STUDENTS.

EXPERC:SECONDRY MATH C I 591G  1-4 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
FULL ADMISSION TO TEACHER EDUCATION PROGRAM
2017005  ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION OFFERED FOR 4 CREDITS

SCIENCE EDUC WKSHOP C I 593C  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
FOR MAT STUDENTS.
2812005  1 ARRANGED
MEETS: SEPT 11-DEC 8
Note: Tuition Category: Workshop

READING & LITERACY C I 595  3 CREDITS
Prereq: GRADUATE STATUS AND TEACHING LICENSE
2932005  TR 9:30-10:50
MEETS: AUG 21-DEC 15

TEACH SEC SCHL MATH C I 597  3 CREDITS
Prereq: 15 CREDITS IN COLLEGE MATH; IF IN A TEACHER LICENSURE PROGRAM, CONCURRENT ENROLLMENT IN C I 426 OR C I 526
8440005  1 T 5:10-8:00PM
MEETS: AUG 21-DEC 15

CRTP COMP CURRICULM C I 599A  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CR COMP DIGITL LANG C I 599B  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CRTP COMP SCIENCE ED C I 599C  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CRTP COMP SECONDR C I 599D  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
CURRICULUM & INSTRUCTION  (CONTINUED)  

CR COMP MULTICUL ED C I 599F 1-3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

CRTV COMP MATH EDUC C I 599G 1-3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

CRTV COMPON Elem ED C I 599I 1-3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

CRTV WRLD LANG ED C I 599J 1-3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

FOUND EDUC INQUIRY C I 601 3 CREDITS  
Prereq: ADMISSION TO A PH.D. PROGRAM  
Note: CREDIT FOR EITHER EL FS 601X OR C I 601, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  

CURRICULUM & INSTRUCTION  (CONTINUED)  

SEMMAR DIGITL LEARN C I 615B 1 CREDIT  
MEETS: AUG 21-DEC 15  

SEMMAR SCIENCE ED C I 615C 1 CREDIT  
MEETS: AUG 21-DEC 15  

ADV SPCL TOP CURRIC C I 690A VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

ADV SP TOP DGTL LAN C I 690H VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

ADV SPCL TOP SCI ED C I 690C VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

ADV SPCL TOP SEC ED C I 690D VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

ADV SPL TOP MLTICUL C I 690F VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

ADV SPL TOP MATH ED C I 690G VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

ADV SPL TP WRL LANG C I 690J VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
******* SEE DEPT FOR REFERENCE NUMBERS  

ADV SPL TOP PSYC C I 690K VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
******* SEE DEPT FOR REFERENCE NUMBERS  

ADV SPL TOP SOC STU C I 690L VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

ADV TOP LITERACY ED C I 690M VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

RESEARCH CURRICULUM C I 699A VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

RSRCH DIGITAL LEARN C I 699B VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

RSRCH SCIENCE EDUC C I 699C VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

DANCE  
MODERN DANCE I DANCE 120 1 CREDIT  
Satisfactory-Fail Only  
2838005 1 MW 3:10-4:15  
MEETS: AUG 21-DEC 15  

BALLET I DANCE 130 1 CREDIT  
Satisfactory-Fail Only  
2839005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  

JAZZ I DANCE 140 1 CREDIT  
Satisfactory-Fail Only  
2840005 1 TR 12:40-2:00  
MEETS: AUG 21-DEC 15  

TAP DANCE I DANCE 150 1 CREDIT  
Satisfactory-Fail Only  
2841005 1 MW 3:10-4:15  
MEETS: AUG 21-DEC 15  

BALLROOM DANCE I DANCE 160 1 CREDIT  
Satisfactory-Fail Only  
2842005 1 TR 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: SECTION 1 FOR MEN ONLY. MEETS WITH SECTION 2.  
2842010 2 TR 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: SECTION 2 FOR WOMEN ONLY. MEETS WITH SECTION 1.  
2842015 3 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: SECTION 3 FOR MEN ONLY. MEETS WITH SECTION 4.  
2842020 4 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: SECTION 4 FOR WOMEN ONLY. MEETS WITH SECTION 3.  

MODERN DANCE COMPOS DANCE 220 2 CREDITS  
Prereq: 120 OR PREVIOUS MODERN DANCE EXPERIENCE  
2846005 1 TR 2:10-4:00  
MEETS: AUG 21-DEC 15  

MODERN DANCE II DANCE 222 1 CREDIT  
Prereq: 120 OR PREVIOUS MODERN DANCE EXPERIENCE  
2847005 1 MW 2:10-3:25  
MEETS: AUG 21-DEC 15  

CONCERT&THTRE DANCE DANCE 224 .5-2 CREDITS  
Prereq: BY AUDITION ONLY  
Note: Instructor permission required 1st week. Satisfactory-Fail Only.  
2849005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SECTION 1 OFFERED FOR 1 CREDIT  
2849010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SECTION 2 OFFERED FOR 2 CREDITS  

BALLETT III DANCE 233 1 CREDIT  
Prereq: 212  
2851005 1 MW 12:10-1:20  
MEETS: AUG 21-DEC 15
DANCE
(continued)
DANCE APPRECIATION  DANCE 270  3 CREDITS
Note: Meets international perspectives reqmt.
2855005  1  MW 1:10-2:00  MEETS: AUG 21-DEC 15

ADV STUDIES DANCE  DANCE 370  1- 3 CREDITS
Prereq: 2 CR IN DANCE, ADVANCE REGISTRATION REQ'D
Note: Instructor permission required 1st week.
2858005  ARRANGED
MEETS: AUG 21-DEC 15

MTDH OF TCHNG DANCE  DANCE 385  2 CREDITS
2860005  1  MW 11:00-12:10  MEETS: AUG 21-DEC 15

INDEPENDENT STUDY  DANCE 490A  1- 3 CREDITS
Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR
Note: Instructor permission required 1st week.

****
Note: SEE DEPT FOR REFERENCE NUMBERS

DESIGN
DESIGN THINKING  DES 230  3 CREDITS
Note: Course restricted to majors other than
P ARC, P ID, P IND, P LA, P GR, DSN
4957005  TR 12:40-2:00
MEETS: AUG 21-DEC 15

DESIGN STUDIO I  DES 240  2 CREDITS
Prereq: DSN S 102, DSN S 131 AND DSN S 183
Note: Course restricted to majors other than
P ARC, P ID, P IND, P LA, P GR, DSN
4959005  1  MW 5:10-8:30PM  JACKSON M
MEETS: AUG 21-OCt 13
Note: SECTION 1 TOPIC: STUDIES IN THREE-DIMENSIONAL CONSTRUCTION
4959010  2  TR 9:00-12:20
MEETS: OCT 16-DEC 15
Note: SECTION 2 TOPIC: CONTEMPORARY DRAWING STRATEGIES
4959015  3  TR 9:00-12:20
MEETS: AUG 21-OCt 13
Note: SECTION 3 TOPIC: DIGITAL IN/OUT

FIELD STUDY  DES 250  2 CREDITS
Prereq: DSN S 102, DSN S 131, DSN S 183
CREDIT OR CONCURRENT ENROLLMENT IN DES 230
4960005  F 10:00-11:50
MEETS: AUG 21-DEC 15

DESIGN STUDIO II  DES 340  2 CREDITS
Prereq: 4 CREDITS OF DES 240 OR EQUIVALENT
Note: Course restricted to majors other than
P ARC, P ID, P IND, P LA, P GR, DSN
FIELD TRIPS & TRAVEL FEE: $25.00 - $150.00
6434005  1  TR 2:10-5:30
MEETS: AUG 21-OCt 13
Note: SECTION 1 TOPIC: RURAL MATTERS
6434010  2  TR 2:10-5:30
MEETS: OCT 16-DEC 15
Note: SECTION 2 TOPIC: DESIGN FOR KIDS
6434015  3  MW 5:10-8:30PM
MEETS: OCT 16-DEC 15
Note: SECTION 3 TOPIC - EXPLORING ARTIST BOOKS:
VISUAL TRANSFORMS: REALITIES AND FORMS
PORTFOLIO & PRO PREP  DES 491  4 CREDITS
Prereq: CLASSIFICATION AS A DES MAJOR;
4 CREDITS OF DES 240
Note: Course restricted to des majors only
7545005  MW 10:00-11:50  OWENS K
MEETS: AUG 21-DEC 15

DESIGN STUDIES
DESIGN STUDIO I  DSN S 102  4 CREDITS
Note: Odd-numbered sections restricted to college of design majors.
Even-numbered sections restricted to colleges other than design.
8050005  1  MW 9:00-11:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
8050010  2  MW 9:00-11:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
8050015  3  MW 9:00-11:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.

8050020  4  MW 9:00-11:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050025  5  MW 9:00-11:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050030  6  MW 9:00-11:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050035  7  MW 9:00-11:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050040  8  MW 9:00-11:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050045  9  MW 12:10-3:00  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050050  10 MW 12:10-3:00  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050055  11 MW 12:10-3:00  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050060  12 MW 12:10-3:00  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050065  13 MW 12:10-3:00  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050070  14 MW 12:10-3:00  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050075  15 MW 12:10-3:00  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050080  16 MW 12:10-3:00  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050085  17 TR 8:00-10:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
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8050090  18 TR 8:00-10:50  F 9:00-9:50
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8050095  19 TR 8:00-10:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050100  20 TR 8:00-10:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050105  21 TR 8:00-10:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050110  22 TR 8:00-10:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050115  23 TR 8:00-10:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050120  24 TR 8:00-10:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
8050125  25 TR 8:00-10:50  F 9:00-9:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
### DESIGN STUDIES (CONTINUED)

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### DESIGN REPRESENTATN DSN S 131 4 CREDITS

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Note: Instructor permission required 1st week.

### DESIGN EXCH SEMIN I DSN S 110 1 CREDIT

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Prereq: MEMBER OF DESIGN EXCHANGE LEARNING COMMUNITY

Satisfactory-Fail Only.

### DESIGN COLLABOR SEM DSN S 115 .5 CREDIT

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Prereq: MEMBER OF DESIGN COLLABORATIVE LEARNING COMMUNITY

Satisfactory-Fail Only.

### DESIGN STUDIES (CONTINUED)

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### DESIGN REPRESENTATN DSN S 131 4 CREDITS

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Note: Instructor permission required 1st week.

### DESIGN CULTURES

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Prereq: ADMITTANCE INTO ONE OF THE PROFESSIONAL DESIGN PROGRAMS IN THE COLLEGE OF DESIGN

Satisfactory-Fail Only.

### DESIGN LEADRSHP SEM DSN S 302 2 CREDITS

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Prereq: SELECTION AS A PEER MENTOR FOR THE CORE DESIGN PROGRAM

Satisfactory-Fail Only.

### DIGITAL DESIGN CMUNICA DSN S 232 3 CREDITS

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Prereq: SELECTION AS A PEER MENTOR FOR THE CORE DESIGN PROGRAM

Satisfactory-Fail Only.

### STDY ABRD PREP SEMN DSN S 301 1 CREDIT

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Note: COURSE RESTRICTED TO ARC, ARCH, L A MAJORS ONLY

Satisfactory-Fail Only.
**DESIGN STUDIES (CONTINUED)**

**PRACTICAL EXPERIENCE**

**DSN S 310**
- **R CREDIT**
- **Prereq:** PERMISSION OF ADVISER OR COORDINATOR

**5669005**
- **ARRANGED**
- **MEETS:** AUG 21-DEC 15

**INTERDIS DISNS**

**DSN S 446**
- **4-6 CREDITS**
- **Prereq:** JUNIOR CLASSIFICATION IN A CURRICULUM IN THE COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR
- **Note:** COURSE RESTRICTED TO F ARC, F ID, F GR, P ISA, P LA, AND DESIGN MAJORS ONLY. OFFERED FOR
- **6 CREDITS.

**2871005**
- **ARRANGED**
- **MEETS:** AUG 21-DEC 15

**INDEPENDENT STUDY**

**DSN S 490C**
- **1-4 CREDITS**
- **Prereq:** WRITTEN APPROVAL OF INSTRUCTOR AND DEPT Chair on req'd form prior to semester of enrollment

**INDEP STUDY**

**DSN S 490D**
- **1-4 CREDITS**
- **Prereq:** WRITTEN APPROVAL OF INSTRUCTOR AND DEPT Chair on req'd form prior to semester of enrollment

**DSN S 490E**
- **1-4 CREDITS**
- **Prereq:** WRITTEN APPROVAL OF INSTRUCTOR AND DEPT Chair on req'd form prior to semester of enrollment

**SPL TP ITALIAN CULT**

**DSN S 492**
- **1 CREDIT**
- **Prereq:** ENROLLMENT IN THE COLLEGE OF DESIGN ROME PROGRAM

**6821800**
- **IT ARRANGED**
- **SCHNEIDER P**
- **MEETS:** AUG 28-JAN 15
- **Note:** SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN FALL ROME PROGRAM FALL 2017 Study Abroad Administrative Fee Applies

**SPECIAL TOPICS**

**DSN S 590**
- **1-4 CREDITS**
- **Prereq:** WRITTEN APPROVAL OF INSTRUCTOR AND DEPT Chair on required form prior to semester of enrollment

**DIETETICS**

**NUTR COUNSEL METHOD**

**DIET 566**
- **3 CREDITS**
- **Prereq:** ENROLLMENT IN GP-IDEA MFCs in Dietetics

**5579005**
- **1 MW 9:00-10:50**
- **ARRANGED**
- **MEETS:** AUG 21-DEC 15

**ECOLOGY & EVOLUTIONARY BIOLOGY**

**FOUND ECO&EVOL BIOL**

**EEB 511**
- **4 CREDITS**
- **Prereq:** GRADUATE CLASSIFICATION

**5778005**
- **1 TR 1:10-2:30**
- **MEETS:** AUG 21-DEC 15

**SPECIAL TOPICS**

**EEB 590**
- **1-3 CREDITS**
- **Prereq:** BAD CLASSIFICATION AND INSTR PERMISSION

**SEMINAR**

**EEB 698**
- **1 CREDIT**
- **Prereq:** COURSE IS FOR MAJORS, NON-MAJORS BY PERMISSION OF THE INSTRUCTOR.

**7861005**
- **1 ARRANGED**
- **MEETS:** AUG 21-DEC 15

**RESEARCH**

**EEB 699**
- **VAR. CREDITS**

**ECOLOGY, EVOLUTION & ORGANISMAL BIOL**

**LIFE HIST&REPRODNCTV**

**EEOB 514**
- **3 CREDITS**
- **Prereq:** RECOMMENDED: BIOL 315 OR EQUIVALENT

**1108005**
- **1 TR 9:10-10:50**
- **MEETS:** AUG 21-DEC 15

**RESTORATION ECOLOGY**

**EEOB 535**
- **3 CREDITS**
- **Prereq:** BIOL 366 OR BIOL 474 OR GRADUATE STANDING

**5295005**
- **1 MW 1:10-2:00**
- **ROGERS H**
- **W 2:10-5:00**
- **MEETS:** AUG 21-DEC 15

**INTRO DNA TECHNIQS**

**EEOB 542A**
- **1 CREDIT**
- **Prereq:** SATISFACTORY-FAIL ONLY.

**7105005**
- **1 TR 1:10-2:00**
- **MEETS:** AUG 22-SEPT 21

**ECOLOGY, EVOLUTION & ORGANISMAL BIOL (CONTINUED)**

**INTRO CELL TECHNIQS**

**EEOB 542C**
- **1 CREDIT**

**7119005**
- **1 TR 1:10-2:00**
- **MEETS:** OCT 31-DEC 7

**INTR PROTEOMCS TCNQ**

**EEOB 542E**
- **1 CREDIT**

**7219005**
- **1 TR 1:10-2:00**
- **MEETS:** SEPT 26-OCT 26

**INTR METABLMCS TCNQ**

**EEOB 542F**
- **1 CREDIT**

**9013005**
- **M W 1:10-2:00**
- **MEETS:** AUG 21-NOV 6

**PLANT EVOL&PHYLOGNY**

**EEOB 551**
- **4 CREDITS**
- **Prereq:** BIOL 315 OR EQUIVALENT

**4912005**
- **1 TR 10:00-11:50**
- **MEETS:** AUG 21-DEC 15

**AGROSTOLOGY**

**EEOB 553**
- **3 CREDITS**

**7080005**
- **WP 12:10-3:00**
- **MEETS:** AUG 21-DEC 15

**CNCP THEOR ECO&EVO**

**EEOB 577**
- **1 CREDIT**
- **Prereq:** PERMISSION OF INSTRUCTOR

**4236005**
- **1 TR 10:00-11:50**
- **MEETS:** AUG 21-DEC 15

**FOUND THEOR ECO&EVO**

**EEOB 578**
- **3 CREDITS**
- **Prereq:** 1 SEMESTER OF CALCULUS OR INSTRUCTOR PERMISSION

**3188005**
- **TR 9:30-10:50**
- **MEETS:** AUG 21-DEC 15

**INTRO ENVIRN SYSTMS**

**EEOB 581**
- **3 CREDITS**
- **Prereq:** 12 CREDITS OF NATURAL SCIENCE INCLUDING BIOLOGY AND CHEMISTRY

**2649005**
- **TR 4:10-6:00PM**
- **MEETS:** AUG 21-DEC 15

**MICROBIAL ECOLOGY**

**EEOB 587**
- **3 CREDITS**
- **Prereq:** 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM

**2110005**
- **1 TR 9:00-10:50**
- **MEETS:** AUG 21-DEC 15

**SPCL TOPICS ECOLOGY**

**EEOB 590A**
- **1-3 CREDITS**
- **Prereq:** 10 CR IN BIOL, INSTRUCTOR PERMISSION

**5778005**
- **1 TR 1:10-2:00**
- **MEETS:** AUG 21-DEC 15

**SPCL TOP EVOLUT BIOL**

**EEOB 590B**
- **1-3 CREDITS**
- **Prereq:** 10 CR IN BIOL, INSTRUCTOR PERMISSION

**5788005**
- **1 TR 1:10-2:00**
- **MEETS:** AUG 21-DEC 15

**SPCL ORNSTM BIOL**

**EEOB 590C**
- **1-3 CREDITS**
- **Prereq:** 10 CR IN BIOL, INSTRUCTOR PERMISSION

**5798005**
- **1 TR 1:10-2:00**
- **MEETS:** AUG 21-DEC 15

**CREATIVE COMPONENT**

**EEOB 599**
- **VAR. CREDITS**

**2145005**
- **ARRANGED**
- **MEETS:** AUG 21-DEC 15

**SEMINAR**

**EEOB 698**
- **1 CREDIT**

**2145015**
- **ARRANGED**
- **MEETS:** AUG 21-DEC 15

**RESEARCH**

**EEOB 699**
- **VAR. CREDITS**

**ECONOMICS**

**PRINC MICROECONOMICS**

**ECON 101**
- **3 CREDITS**

**3100005**
- **1 MW 9:00-10:50**
- **MEETS:** AUG 21-DEC 15

**3100010**
- **1 MW 10:00-11:50**
- **MEETS:** AUG 21-DEC 15

**3100015**
- **1 MW 11:00-12:50**
- **MEETS:** AUG 21-DEC 15

**3100020**
- **1 TR 1:10-2:00**
- **MEETS:** AUG 21-DEC 15

**3100025**
- **1 TR 2:10-3:00**
- **MEETS:** AUG 21-DEC 15

**3100030**
- **1 TR 3:10-4:00**
- **MEETS:** AUG 21-DEC 15

**3100040**
- **1 TR 9:30-10:50**
- **MEETS:** AUG 21-DEC 15
ECONOMICS  (CONTINUED)

PRIN MICROECONOMICS  ECON 101  3 CREDITS
3100045  8 TR 11:00-12:20
MEETS: AUG 21-DEC 15
Section info: http://www.econ.iastate.edu
/undergraduate-programs/courses
3100050  9 MF 11:00-12:20
MEETS: AUG 21-DEC 15
Section info: http://www.econ.iastate.edu
/undergraduate-programs/courses
3100055  10 TR 2:10-3:30
MEETS: AUG 21-DEC 15
Section info: http://www.econ.iastate.edu
/undergraduate-programs/courses

Note: COURSE RESTRICTED TO AG B, P S A, AG S MAJORS.
Note: STUDENTS ENROLLING IN SEC 9 MUST ENROLL IN ECON 101.

PRIN MICROECON LAB  ECON 101L  1 CREDIT
5265005  1 M 2:10-4:00
MEETS: AUG 21-DEC 15
5265010  2 W 3:10-5:00
MEETS: AUG 21-DEC 15
5265015  3 W 9:30-11:30
MEETS: AUG 21-DEC 15

PRIN MACROECONOMICS  ECON 102  3 CREDITS
Prereq: ECON 101 RECOMMENDED
3099005  1 MF 10:00-12:00
MEETS: AUG 21-DEC 15
Section info: http://www.econ.iastate.edu
/undergraduate-programs/courses
3099010  2 MF 11:00-1:00
MEETS: AUG 21-DEC 15
Section info: http://www.econ.iastate.edu
/undergraduate-programs/courses
3099015  3 TR 9:30-11:30
MEETS: AUG 21-DEC 15
Section info: http://www.econ.iastate.edu
/undergraduate-programs/courses
3099020  4 TR 12:00-2:00
MEETS: AUG 21-DEC 15
Section info: http://www.econ.iastate.edu
/undergraduate-programs/courses
3099025  5 MF 1:10-3:00
MEETS: AUG 21-DEC 15
3099030  6 ARRANGED
MEETS: AUG 21-DEC 15
Note: Course delivery is WWW

ORIENTATION AG BUSI  ECON 110  1 CREDIT
3172005  A T 2:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION A RESTRICTED TO AG B MAJORS ONLY
3172010  B T 2:10-3:00
R 2:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION B RESTRICTED TO AG B MAJORS ONLY
3172015  C T 2:10-3:00
R 2:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION C RESTRICTED TO AG B MAJORS ONLY
3172020  D T 2:10-3:00
R 2:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION D RESTRICTED TO AG B MAJORS ONLY
3172025  E T 2:10-3:00
R 2:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION E RESTRICTED TO AG B MAJORS ONLY
3172030  F T 2:10-3:00
R 2:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION F RESTRICTED TO AG B MAJORS ONLY
3172035  G TR 2:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION G RESTRICTED TO ECON MAJORS ONLY
3172040  H TR 2:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION H FOR INCOMING TRANSFER STUDENTS

APPL ECON OPTIMIZTN  ECON 207  3 CREDITS
Prereq: MATH 151, MATH 160, MATH 165 OR EQUIVALENT
2753005  1 MW 10:00-10:50
W 10:00-10:50
MEETS: AUG 21-DEC 15
Section info: http://www.econ.iastate.edu
/undergraduate-programs/courses
2753010  2 MW 10:00-10:50
MEETS: AUG 21-DEC 15
Section info: http://www.econ.iastate.edu
/undergraduate-programs/courses
2753015  3 MW 10:00-10:50
R 10:00-10:50
MEETS: AUG 21-DEC 15

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<td>QUANT MTH EC ANLY I ECON 500</td>
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<td>Prereq: ECON 301, 1 YEAR OF CALCULUS, STAT 401 MEETS: AUG 21-DEC 15</td>
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<td>3127005</td>
<td>INDEPENDENT STUDY ECON 490</td>
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<td>Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON 500 OR EQUIVALENT BACKGROUND IN CALCULUS AND STATISTICS MEETS: AUG 21-DEC 15</td>
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<td>3185005</td>
<td>AG,FOOD,TRADE POLICY ECON 460</td>
<td>3</td>
<td>Prereq: ECON 301 OR ECON 501 MEETS: AUG 21-DEC 15</td>
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<td>3183005</td>
<td>AGRICULTURAL FINANCE ECON 466</td>
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<td>Prereq: ECON 301, STAT 226, FIN 301 AND ECON 353 (RECOMMENDED) MEETS: AUG 21-DEC 15</td>
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<td>MONEY,BANK,FIN INST ECON 353</td>
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<td>Prereq: ECON 101 MEETS: AUG 21-DEC 15</td>
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<td>MANAGERIAL ECONOMICS ECON 431</td>
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<td>Prereq: ECON 301 MEETS: AUG 21-DEC 15</td>
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Note: Permission of adviser required.

Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2017

Note: SECTION 1 RESTRICTED TO AG B MAJORS ONLY

Note: SECTION 2 RESTRICTED TO AG B MAJORS ONLY

Note: SECTION 3 RESTRICTED TO BUS 5 MAJORS ONLY

Note: Instructor permission required.

Note: Permission of adviser required.

Satisfactory-Fail Only.

Note: Instructor permission required.

Note: Permission of adviser required.

Satisfactory-Fail Only.

More than 9 credits of ECON 490 toward graduation.

Las 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 credits of ECON 490 toward graduation.

Notes: Graduate seniors may count no more than 6 credits of ECON 490 toward graduation. Las college students may apply no more than 9 credits of ECON 490 toward graduation.

Notes: Instructor permission required.

Notes: Instructor permission required.

Notes: Instructor permission required.

Notes: Instructor permission required.

Notes: Instructor permission required.

Notes: Instructor permission required.

Notes: Instructor permission required.
AG, FOOD, TRADE POLICY  ECON 560  3 CREDITS
Prereq: ECON 301 OR ECON 501
3197005  1 MWF 2:10-3:00
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

ADV ENVIRONMTL ECON  ECON 581  3 CREDITS
Prereq: ECON 501 OR ECON 601
3205005  1 TR 9:30-10:45
MEETS: AUG 21-DEC 15

SPECIAL TOPICS  ECON 590  1-5 CREDITS
Satisfactory-Fail Only.
*******  SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  ECON 599  1-5 CREDITS
Satisfactory-Fail Only.
*******  SEE DEPT FOR REFERENCE NUMBERS

MICROECON ANALYS I  ECON 601  4 CREDITS
Prereq: ECON 301, PREVIOUS OR CONCURRENT ENROLLMENT IN 600 AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION
Note: PERMISSION OF DIRECTOR OF ECON GRAD STUDIES REQUIRED.
Department permission required.
3124005  1 MW 11:00-1:00
F 3:30-5:00
MEETS: AUG 21-DEC 15
Section info: http://www.econ.iastate.edu /graduate-programs/courses

ADV MACROECON ANALY  ECON 604  4 CREDITS
Prereq: ECON 601, ECON 602 AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION
Note: Department permission required.
3156005  1 MW 1:10-3:00
F 11:00-2:00
MEETS: AUG 21-DEC 15

GAME THEORY  ECON 618  3 CREDITS
Prereq: ECON 603, OR ECON 501 AND PERMISSION OF INSTRUCTOR
9532005  1 TR 3:40-4:45
MEETS: AUG 21-DEC 15

AGRICULTURAL ECON I  ECON 641  3 CREDITS
Prereq: ECON 603
3205005  1 TR 12:40-1:55
MEETS: AUG 21-DEC 15

FINANCIAL ECONOMICS  ECON 653  3 CREDITS
Prereq: ECON 603, ECON 672, RECOMMENDED: ECON 674, STAT 551
3138005  1 TR 8:00-9:15
MEETS: AUG 21-DEC 15

ECONOMETRICS I  ECON 671  4 CREDITS
Prereq: ECON 501 AND STAT 447 OR STAT 542
3145005  1 TR 9:00-10:30
MEETS: AUG 21-DEC 15

ADVANCED TOPICS  ECON 690  1-5 CREDITS
Satisfactory-Fail Only.
*******  SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP  ECON 693  3 CREDITS
Satisfactory-Fail Only.
8649005  1 ARRANGED
MEETS: AUG 21-DEC 15
Section info: http://www.econ.iastate.edu /graduate-programs/courses

RESEARCH  ECON 699  VAR. CREDITS
Satisfactory-Fail Only.
*******  SEE DEPT FOR REFERENCE NUMBERS

SOC JUSTICE FIELD EXP  EL PS 591  1-3 CREDITS
Prereq: EL PS 620
*******  SEE DEPT FOR REFERENCE NUMBERS

PROG ORIENTATION  EE 166  R CREDIT
Note: COURSE RESTRICTED TO E E MAJORS ONLY.
2887005  A T 1:10-2:00
MEETS: OCT 16-DEC 15
2887010  B R 1:10-2:00
MEETS: OCT 16-DEC 15

CIRCUIT ANALYS & DESIGN  EE 180  3 CREDITS
Prereq: 4 CREDITS OF EL PS 615
8898005  1 T 5:10-8:00PM
MEETS: AUG 21-DEC 15

INSTR EE & PROB SOLV I  EE 185  3 CREDITS
Prereq: MATH 165 OR SATISFACTORY SCORES ON MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR ENROLLMENT IN MATH 165
Note: COURSE RESTRICTED TO EE MAJORS ONLY. CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CPR E 185, EE 185, EE 180, MA 160, MA 160, MA 160, MA 160.
3880005  A MW 9:00-9:50
R 2:10-4:00
MEETS: AUG 21-DEC 15
3880015  C MW 9:00-9:50
R 12:10-2:00
MEETS: AUG 21-DEC 15
3880020  D MW 9:00-9:50
M 2:10-4:00
MEETS: AUG 21-DEC 15
3880025  E MW 9:00-9:50
F 10:00-11:50
MEETS: AUG 21-DEC 15
3880030  F MW 9:00-9:50
T 8:00-9:50
MEETS: AUG 21-DEC 15

ELECTRICAL ENGINEERING
ELECTRICAL ENGINEERING (CONTINUED)

SIGNS & SYSTEMS I E E 224 4 CREDITS
Prereq: E E 201, MATH 267, PHYS 222
5064005 A TR 4:10-5:30
W 4:10-7:00PM
MEETS: AUG 21-DEC 15
5064010 B TR 4:10-5:30
T 10:00-12:50
MEETS: AUG 21-DEC 15
5064015 C TR 4:10-5:30
R 1:10-4:00
MEETS: AUG 21-DEC 15
5064020 D TR 4:10-5:30
T 1:10-4:00
MEETS: AUG 21-DEC 15

ELECTRON CIRCTS & SYS E E 230 4 CREDITS
Prereq: E E 201, MATH 267, PHYS 222
4639005 A MW 8:00-8:50
M 9:00-11:50
MEETS: AUG 21-DEC 15
4639010 B MW 8:00-8:50
T 9:00-10:50
MEETS: AUG 21-DEC 15
4639015 C MW 8:00-8:50
R 8:00-10:50
MEETS: AUG 21-DEC 15
4639020 D MW 8:00-8:50
W 11:00-1:50
MEETS: AUG 21-DEC 15
4639025 E MW 8:00-8:50
T 8:00-10:50
MEETS: AUG 21-DEC 15
4639030 F MW 8:00-8:50
11:00-1:50
MEETS: AUG 21-DEC 15

TRANSFER ORIENTATION E E 261 R CREDIT
Satisfactory-Pass Only.
9197005 A W 11:00-1:50
MEETS: AUG 21-DEC 15
9197010 B T 11:00-1:50

PROGRAM DISCOVERY E E 294 R CREDIT
Prereq: E E 166 or CPR E 166
Satisfactory-Pass Only.
5380010 B1 M 11:00-1:00
MEETS: AUG 21-DEC 15
Note: SECTION B1 RESTRICTED TO CPR E MAJORS ONLY
5380015 B2 M 11:00-1:00
MEETS: AUG 21-DEC 15
Note: SECTION B2 RESTRICTED TO E E MAJORS ONLY
5380020 B3 M 11:00-1:00
MEETS: AUG 21-DEC 15
5380025 C1 F 3:10-4:00
MEETS: AUG 21-DEC 15
Note: SECTION C1 RESTRICTED TO CPR E MAJORS ONLY
5380030 C2 F 3:10-4:00
MEETS: AUG 21-DEC 15
Note: SECTION C2 RESTRICTED TO E E MAJORS ONLY
5380035 C3 F 3:10-4:00
MEETS: AUG 21-DEC 15

ENERGY SYS & PWR ELETRN E E 303 3 CREDITS
Prereq: MATH 267, PHYS 222, CREDIT OR ENROLLMENT IN E E 224 AND E E 230
3415005 A TR 8:00-9:15
MEETS: AUG 21-DEC 15

ELECTROM FLD & WAVES E E 311 4 CREDITS
Prereq: E E 201, MATH 265, PHYS 222, CREDIT OR ENROLLMENT IN MATH 267
2889005 A MWRF 10:00-10:50
MEETS: AUG 21-DEC 15

COMMUN SYSTEMS I E E 321 3 CREDITS
Prereq: E E 224
2901005 A MWRF 3:10-4:00
MEETS: AUG 21-DEC 15

PROBAB MTH, ELEC ENG E E 322 3 CREDITS
Prereq: E E 224
3424005 TR 11:00-12:15
MEETS: AUG 21-DEC 15

ELECTRICAL ENGINEERING (CONTINUED)

SIGNS & SYSTEMS II E E 324 4 CREDITS
Prereq: E E 224
2192005 A MF 10:00-11:00
T 12:00-2:00
MEETS: AUG 21-DEC 15
2192010 B MF 10:00-11:00
W 8:00-10:00
MEETS: AUG 21-DEC 15
2192015 C MF 10:00-11:00
R 1:00-3:00
MEETS: AUG 21-DEC 15

INTEGRATED ELECTRONS E E 330 4 CREDITS
Prereq: E E 201, CREDIT OR REGISTRATION IN E E 230, CPR E 281
Note: CREDIT FOR EITHER CPR E/E E 330 OR E E 331, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5635005 A MF 12:00-1:00
T 8:00-10:00
MEETS: AUG 21-DEC 15
5635010 B MF 12:00-1:00
T 12:00-2:00
MEETS: AUG 21-DEC 15
5635015 C MF 12:00-1:00
R 8:00-10:00
MEETS: AUG 21-DEC 15
5635020 D MF 12:00-1:00
F 8:00-10:00
MEETS: AUG 21-DEC 15
5635025 E MF 12:00-1:00
R 8:00-10:00
MEETS: AUG 21-DEC 15
5635030 F MF 12:00-1:00
1:00-3:00
MEETS: AUG 21-DEC 15

SEMICON MTRLS & DEVICES E E 332 3 CREDITS
Prereq: PHYS 222, ADDITIONAL PREREQ FOR MAT E MAJORS: MAT E 317 + ADDITIONAL PREREQ FOR E E AND CPR E MAJORS: E E 230
2195005 A TR 12:40-2:00
MEETS: AUG 21-DEC 15

ELECTRONIC SYS DESIGN E E 333 4 CREDITS
Satisfactory-Pass Only.
8288005 A MF 11:00-12:00
T 9:00-10:00
MEETS: AUG 21-DEC 15
8288010 B MF 11:00-12:00
W 9:00-10:00
MEETS: AUG 21-DEC 15
8288015 C MF 11:00-12:00
R 9:00-10:00
MEETS: AUG 21-DEC 15
8288020 D MF 11:00-12:00
F 9:00-10:00
MEETS: AUG 21-DEC 15

SUSTAINABLE ENV'TAL DEV E E 388 3 CREDITS
Prereq: JUNIOR CLASSIFICATION IN ENGINEERING
Note: COURSE RESTRICTED TO COLLEGE OF ENGINEERING JUNIORS AND SENIORS
Meets international perspectives regmt
8121005 A WN 11:00-1:00
T 4:10-6:00PM
MEETS: AUG 21-DEC 15

OPEN LAB & DESIGN STDY E E 391 2 CREDITS
Prereq: E E 224
9639005 WN 11:00-1:00
MEETS: AUG 21-DEC 15

PROGRAM EXPERATION E E 394 R CREDIT
Prereq: E E 294 OR CPR E 294
Satisfactory-Pass Only.
5403010 B1 M 11:00-1:00
MEETS: AUG 21-DEC 15
5403015 B2 M 11:00-1:00
MEETS: AUG 21-DEC 15
5403020 B3 M 11:00-1:00
MEETS: AUG 21-DEC 15
5403025 C1 F 3:10-4:00
MEETS: AUG 21-DEC 15
5403030 C2 F 3:10-4:00
MEETS: AUG 21-DEC 15
5403035 C3 F 3:10-4:00
MEETS: AUG 21-DEC 15

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

MICROWAVE ENGINEERING E E 414 4 CREDITS
Prereq: E E 224
2897005 A MF 8:00-9:00
MEETS: AUG 21-DEC 15
2897010 B MF 8:00-9:00
F 11:00-1:00
MEETS: AUG 21-DEC 15
ELECTRICAL ENGINEERING (CONTINUED)

MEETS: OCT 16-DEC 15
R 7:10-9:00PM
4775050 A MF 4:10-5:00
M 8:00-9:50
MEETS: AUG 21-DEC 15

MICROELEC FABRICATN E E 432 4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN E E 332
9222005 MW 12:10-1:00
ARRANGED
MEETS: AUG 21-DEC 15

INTR CIRCUIT4INSTRM E E 442 2 CREDITS
Prereq: PHYS 222, MATH 267
Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY NOT BE APPLIED TOWARD A DEGREE IN E E OR CPR E. RESTRICTED TO MAJORS OTHER THAN E E, CPR E, E E 442 MAY NOT BE APPLIED TOWARD A DEGREE IN EITHER E E OR CPR E. COURSE RESTRICTED TO MAJORS OTHER THAN E E, CPR E, E E 442 MAY NOT BE APPLIED TOWARD A DEGREE IN E E OR CPR E. RESTRICTED TO MAJORS OTHER THAN E E, CPR E, E E 442 MAY NOT BE APPLIED TOWARD A DEGREE IN E E OR CPR E.

INTRO AC CIRCUIT&MOTOR E E 448 2 CREDITS
Prereq: E E 442
4775055 M MF 4:10-5:00
M 10:00-11:50
MEETS: OCT 16-DEC 15
4775060 N MF 4:10-5:00
W 8:00-9:50
MEETS: OCT 16-DEC 15
4775075 P MF 4:10-5:00
M 2:10-4:00
MEETS: OCT 16-DEC 15
4775080 Q MF 4:10-5:00
T 3:10-5:00
MEETS: OCT 16-DEC 15
4775085 R MF 4:10-5:00
W 7:10-9:00PM
MEETS: OCT 16-DEC 15
4775090 T MF 4:10-5:00
W 7:10-9:00PM
MEETS: OCT 16-DEC 15
4775095 U MF 4:10-5:00
T 1:10-3:00
MEETS: OCT 16-DEC 15
4775100 V MF 4:10-5:00
W 10:00-11:50
MEETS: OCT 16-DEC 15

POWER SYST ANALYS I E E 456 3 CREDITS
Prereq: E E 303, CREDIT OR REGISTRATION IN E E 324
2912010 A MF 9:00-10:50
MEETS: AUG 21-DEC 15

WIND ENERGY CONVRSN E E 459 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN E E 452, E E 456
2173005 MW 10:00-11:50PM
MEETS: AUG 21-DEC 15

DIGITAL VLSI DESIGN E E 465 4 CREDITS
Prereq: E E 330
8892005 A TR 9:30-11:50
T 10:00-12:00
MEETS: AUG 21-DEC 15
8892010 A TR 9:30-11:50
W 1:10-3:00
MEETS: AUG 21-DEC 15
8892015 A TR 9:30-11:50
C 10:00-12:00
MEETS: AUG 21-DEC 15

MULTIDISC ENGR DSGN E E 466 3 CREDITS
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
1900005 1 MF 3:10-5:00
MEETS: AUG 21-DEC 15

AUTOMATIC CONTRL SYS E E 475 3 CREDITS
Prereq: E E 330
2914005 A MF 11:00-12:50
MEETS: AUG 21-DEC 15

EDDY CURRENT NDE E E 488 3 CREDITS
Prereq: MAT 216 OR MAT 273 OR E E 311 OR PHYS 364
5898005 MF 10:00-12:00
MEETS: AUG 21-DEC 15

SURV REMOTE SNS TEC E E 489 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING
9753005 MF 10:00-12:00
MEETS: AUG 21-DEC 15

ELECTRICAL ENGINEERING (CONTINUED)

INTRO AC CIRCUIT&MOTOR E E 448 2 CREDITS
Prereq: E E 442
Note: CREDIT FOR EITHER E E 448 MAY NOT BE APPLIED TOWARD A DEGREE IN EITHER E E OR CPR E. COURSE RESTRICTED TO MAJORS OTHER THAN E E, CPR E, E E 442 MAY NOT BE APPLIED TOWARD A DEGREE IN E E OR CPR E.

INTRO AC CIRCUIT&MOTOR E E 448 2 CREDITS
Prereq: E E 442
4775055 M MF 4:10-5:00
M 8:00-9:50
MEETS: AUG 21-DEC 15
4775060 N MF 4:10-5:00
W 8:00-9:50
MEETS: OCT 16-DEC 15
4775075 P MF 4:10-5:00
M 2:10-4:00
MEETS: OCT 16-DEC 15
4775080 Q MF 4:10-5:00
T 3:10-5:00
MEETS: OCT 16-DEC 15
4775085 R MF 4:10-5:00
T 1:10-3:00
MEETS: OCT 16-DEC 15
4775100 V MF 4:10-5:00
W 10:00-11:50
MEETS: OCT 16-DEC 15

INDEPENDENT STUDY E E 490 VAR. CREDITS
Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SATELL RMT SENS LAB E E 499L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN E T 489 OR NDEM 489 OR GEOG 489 OR GEOG 589 OR NREM 489 OR NREM 589 OR E E 489 OR E E 589
5436005 T 9:00-11:50
MEETS: AUG 21-DEC 15

INDEPENDENT STUDY HONORS E E 490H VAR. CREDITS
Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

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**ELECTRICAL ENGINEERING (CONTINUED)**

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**Portfolios/Assessment**

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**Electrical Engineering (Continued)**

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**Engineering**

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**Additional Notes**

- Note: Instructor permission required for certain courses.
- Note: MEETS: AUG 21-DEC 15 for most courses.
- Note: Instructor permission required for certain courses.

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**Please refer to the university's official course catalog for the most accurate and up-to-date information.**
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Note: SECTION 38 RESTRICTED TO C E MAJORS ONLY
### ENGINEERING

#### ENGR 265

**Title:** ENGR:THOT TO THING

**Credits:** 3

**Meeting Times:** MWF 9:00-9:50

**Prerequisite:** ENGR 160

**Description:** Satisfactory-Fail Only. Note: Meets international perspectives reqmt approved course work taken abroad.

**Restrictions:** Course restricted to A E, BSE, ENGR, MAT E majors. Credit in only one of the following courses may be applied toward graduation: A B E 160, C E 160, M E 160, ENGR 160, M E 160, CPR E 185, E E 185, S E 185, I E 148.

Night exams scheduled. For dates go to [http://www.registrar.iastate.edu/students/exams/night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

#### ENGR 290L

**Title:** DEANS LDRSHIP SEMNAR

**Credits:** 1

**Meeting Times:** MWF 9:00-9:50

**Prerequisite:** Selection based on demonstrated commitment to leadership development. Junior or above.

Note: Credit in ENGR 350 may not be applied toward a degree in engineering. Instructor permission required. Satisfactory-Fail Only.

#### ENGR 320

**Title:** INTRO WIND ENERGY

**Credits:** 3

**Meeting Times:** MWF 10:00-10:50

**Prerequisite:** Prereq: ENGR 160, PHYS 221, CREDIT OR ENROLLMENT IN MATH 266 or MATH 267

Note: COURSE RESTRICTED TO ENGR COLLEGE SOPHOMORES, JUNIORS AND SENIORS. Night exams scheduled. For dates go to [http://www.registrar.iastate.edu/students/exams/night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

#### ENGR 327

**Title:** MECH OF MATERLS LAB

**Credits:** 1

**Meeting Times:** MWF 11:00-11:50

**Prerequisite:** ENGR 324

#### ENGR 330

**Title:** MECH OF MATERLS

**Credits:** 3

**Meeting Times:** MWF 12:10-1:00

**Prerequisite:** Prereq: E M 274

#### ENGR 420

**Title:** ENGR:THOT TO THING

**Credits:** 3

**Meeting Times:** MWF 12:10-1:00

**Prerequisite:** Prereq: E M 274

### MECHANICAL ENGINEERING

#### MECH 340

**Title:** MECH 340

**Credits:** 3

**Meeting Times:** MWF 12:10-1:00

**Prerequisite:** Prereq: ENGR 324

### BUSINESS ADMINISTRATION

#### BUSN 350

**Title:** BUSN 350

**Credits:** 3

**Meeting Times:** MWF 10:00-10:50

**Prerequisite:** Prereq: CREDIT IN ENGR 350 MAY NOT BE APPLIED TOWARD A DEGREE IN ENGINEERING. Instructor permission required. Satisfactory-Fail Only.

### INFORMATION TECHNOLOGY

#### CIS 360

**Title:** CIS 360

**Credits:** 3

**Meeting Times:** MWF 10:00-10:50

**Prerequisite:** Prereq: ENGR 350

### PHYSICS

#### PHYS 221

**Title:** PHYS 221

**Credits:** 3

**Meeting Times:** MWF 10:00-10:50

**Prerequisite:** Prereq: PHYS 221, CREDIT OR ENROLLMENT IN MATH 166

Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS

Night exams scheduled. For dates go to [http://www.registrar.iastate.edu/students/exams/night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).
### Engineering Mechanics (Continued)

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### English

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<td>7774005</td>
<td>NONNATIVE LISTENING</td>
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Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IS DETERMINED BY EXAMINATION. Note: DEVELOPMENTAL ENGL FEE APPLIES. SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION ON FEE.
ENGLISH

NONNATIVE READING ENGL 99R 0 CREDITS
Prereq: RECOMMENDATION OF ENGLISH DEPARTMENT.
Note: DEVELOPMENTAL ENGLISH. SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION ON FEES.

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Note: DEVELOPMENTAL ENGLISH. SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION ON FEES.

ENGLISH NONNATIVE II ENGL 101C 3 CREDITS
Prereq: RECOMMENDATION OF ENGLISH DEPARTMENT. PLACEMENT IN VARIOUS SECTION DETERMINED BY EXAMINATION.
Note: ENGL 101C DOES NOT APPLY TOWARD GRADUATION.

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ENGLISH NONNATIVE II ENGL 101D 3 CREDITS
Prereq: RECOMMENDATION OF ENGLISH DEPARTMENT. PLACEMENT IN VARIOUS SECTIONS DETERMINED BY EXAMINATION.
Note: ENGL 101D DOES NOT APPLY TOWARD GRADUATION.

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<td>TR 5:00-5:50</td>
<td>MEETS: AUG 21-OCT 13</td>
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Note: ENGLISH. SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION ON FEES.
INTRO TECH COMMUNIC ENGL 214 3 CREDITS  
Prereq: ENGL 150  
7570005 A TR 12:10-1:00  
MEETS: AUG 21-DEC 15  

INTRO LINGUISTICS ENGL 219 3 CREDITS  
Prereq: SOFHCORE CLASSIFICATION  
3307005 A TR 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: SECTION A RESTRICTED TO SOFHCORES, JUNIORS AND SENIORS ONLY  
3307010 B MFW 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: SECTION B RESTRICTED TO ENGL, LING SOFHCORES, JUNIORS, AND SENIORS  
3307015 C TR 2:10-3:30  
MEETS: AUG 21-DEC 15  
Note: SECTION C RESTRICTED TO SOFHCORES, JUNIORS AND SENIORS ONLY  
3307020 D TR 12:40-2:00  
MEETS: AUG 21-DEC 15  
Note: SECTION D RESTRICTED TO SOFHCORES, JUNIORS AND SENIORS ONLY  

DESCRIPT ENGL GRAMMAR ENGL 220 3 CREDITS  
Prereq: ENGL 250  
5349005 A1 MFW 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: SECTION A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
5349010 A2 MFW 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM, LING  
5356005 A1 MFW 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: SECTION A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
5356010 A2 MFW 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM  

SURVEY OF FILM HIST ENGL 237 3 CREDITS  
Prereq: credit in or exemption from ENGL 150  
1940005 A TR 3:40-6:00PM  
MEETS: AUG 21-DEC 15  

INTRO AM INDIAN LIT ENGL 240 3 CREDITS  
Prereq: credit in or exemption from ENGL 150  
Note: Meets U.S. diversity reqmt  
8244005 A TR 11:00-12:10  
MEETS: AUG 21-DEC 15  

WRIT, ORAL, EL COMPOS ENGL 250 3 CREDITS  
Prereq: ENGL 150 or exemption from ENGL 150;  
CREDIT FOR OR CONCURRENT ENROLLMENT IN LIB 160  
Note: EVERY SECTION MEETS IN A MAPLE-WILLOW-LARCH COMPUTER ROOM ON THURSDAYS. THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SECTION MX. PLEASE SEE YOUR ADVISER TO REGISTER.  
3299220 PC MF 10:00-11:10  
MEETS: AUG 21-DEC 15  
Note: SEC. PC IS LIKELY TO MEET IN THE FRILEY HALL COMPUTER ROOM ON WEDNESDAYS  
3299230 PD MF 10:40-11:50  
W 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: SEC. PD IS LIKELY TO MEET IN THE FRILEY HALL COMPUTER ROOM ON WEDNESDAYS  
3299460 MA MF 1:10-2:20  
W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: SEC. MA IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM ON WEDNESDAYS  
3299470 MB MF 1:10-2:20  
W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: SEC. MB IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM ON WEDNESDAYS  
3299480 MC MF 2:10-3:00  
W 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: SEC. MC IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM ON WEDNESDAYS  
3299485 MD MF 3:10-4:00  
W 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: SEC. MD IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM ON WEDNESDAYS  
3299535 MT T 9:30-10:50  
R 9:30-10:50  
MEETS: AUG 21-DEC 15  
Note: SEC. MT IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM ON THURSDAYS. THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SECTION MV. PLEASE SEE YOUR ADVISER TO REGISTER.  
3299536 MV T 9:30-10:50  
R 9:30-10:50  
MEETS: AUG 21-DEC 15  
Note: SEC. MV IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM ON THURSDAYS. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL STUDENTS ONLY. MEETS JOINTLY WITH SECTION MV. PLEASE SEE YOUR ADVISER TO REGISTER.  
3299080 NA MWF 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: SEC. NA MEETS ALL DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.  
3299085 NB MWF 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: SEC. NB MEETS ALL DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED. RESTRICTED TO AGBIO, BIOL, BIOLA, BIOCH, MIRC MAJORS ONLY.  
3299090 NC MWF 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: SEC. NC MEETS ALL DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED. RESTRICTED TO AN S, ANSPV, A ECL, BIOL, BIOLA, DY S, GENPV, NREM MAJORS ONLY.  
3299095 ND MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: SEC. ND MEETS ALL DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED. RESTRICTED TO AGBIO, BIOL, BIOLA, BIOCH, MIRC MAJORS ONLY.  
3299100 NE MWF 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: SEC. NE MEETS ALL DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED. RESTRICTED TO AGBIO, BIOL, BIOLA, BIOCH, MIRC MAJORS ONLY.  
3299105 NF MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: SEC. NF MEETS ALL DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED. RESTRICTED TO AGBIO, BIOL, BIOLA, BIOCH, GEN, GENBS, GENPV, P MED, P VET MAJORS  
3299110 NG MWF 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: SEC. NG MEETS ALL DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED. RESTRICTED TO AGBIO, BIOL, BIOLA, BIOCH, MIRC MAJORS ONLY.  
3299115 NH MWF 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: SEC. NH MEETS ALL DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED. RESTRICTED TO AGBIO, BIOL, BIOLA, BIOCH, MIRC MAJORS ONLY.  
3299120 NJ MWF 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: SEC. NJ MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.
ENGLISH (CONTINUED)

WRIT, ORAL, EL COMPOS ENGL 250  3 CREDITS

LAPTOP COMPUTERS ARE PROVIDED.

3299125 NK TR 8:00-9:16  MEETS: AUG 21-DEC 15
Note: SEC. NK MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299130 NL TR 9:30-10:50  MEETS: AUG 21-DEC 15
Note: SEC. NL MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299135 NM TR 11:00-12:20  MEETS: AUG 21-DEC 15
Note: SEC. NM MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299140 NN TR 12:40-2:00  MEETS: AUG 21-DEC 15
Note: SEC. NN MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299145 NP TR 2:10-3:30  MEETS: AUG 21-DEC 15
Note: SEC. NP MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299550 PA TR 8:00-9:20  MEETS: AUG 21-DEC 15
Note: SEC. PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299560 PB TR 3:40-5:00  MEETS: AUG 21-DEC 15
Note: SEC. PB IS A FIRST-HALF SEMESTER SECTION THAT
STARTS ON AUGUST 22. DUE TO THE CONDENSED NATURE OF
THIS SECTION (4 WKS), REGULAR ATTENDANCE IS CRITICAL.
SEC. PB IS LIKELY TO MEET BOTH DAYS IN ROSS HALL
COMPUTER ROOM. TO ADD THIS SECTION DURING THE FIRST
WEEK OF CLASSES, OBTAIN SIGNATURE FROM DEANNA
STUMBO, 229 ROSS HALL.
Department permission required 1st week.

3299565 PC TR 3:40-5:00  MEETS: OCT 16-DEC 15
Note: SEC. PC IS A SECOND-HALF SEMESTER SECTION THAT
STARTS ON OCTOBER 16. DUE TO THE CONDENSED NATURE OF
THIS SECTION (4 WKS), REGULAR ATTENDANCE IS CRITICAL.
SEC. PC IS LIKELY TO MEET BOTH DAYS IN ROSS HALL
COMPUTER ROOM. TO ADD THIS SECTION DURING THE FIRST
WEEK OF CLASSES, OBTAIN SIGNATURE FROM DEANNA
STUMBO, 229 ROSS HALL.
Department permission required 1st week.

3299570 PD MWF 9:00-10:10  MEETS: AUG 21-DEC 15
Note: SEC. PD MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299585 PG MWF 10:00-11:50  MEETS: AUG 21-DEC 15
Note: SEC. PG MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299590 PH MWF 11:00-12:20  MEETS: AUG 21-DEC 15
Note: SEC. PH MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299595 PJ MWF 1:10-2:30  MEETS: AUG 21-DEC 15
Note: SEC. PJ MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299600 PK MWF 2:10-3:30  MEETS: AUG 21-DEC 15
Note: SEC. PK MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299605 PL MWF 3:10-4:30  MEETS: OCT 16-DEC 15
Note: SEC. PL IS A FIRST-HALF SEMESTER SECTION THAT
STARTS ON AUGUST 21. DUE TO THE CONDENSED NATURE OF
THIS SECTION (4 WKS), REGULAR ATTENDANCE IS CRITICAL.
SEC. PL IS LIKELY TO MEET BOTH DAYS IN ROSS HALL
LAPTOP LAB. TO ADD THIS SECTION DURING THE FIRST
WEEK OF CLASSES, OBTAIN SIGNATURE FROM DEANNA
STUMBO, 229 ROSS HALL.
Department permission required 1st week.

3299610 PM MWF 8:00-9:20  MEETS: AUG 21-DEC 15
Note: SEC. PM MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299615 PN MWF 9:20-10:40  MEETS: AUG 21-DEC 15
Note: SEC. PN MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299620 PO MWF 10:40-12:00  MEETS: AUG 21-DEC 15
Note: SEC. PO MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299625 PP MWF 12:00-1:20  MEETS: AUG 21-DEC 15
Note: SEC. PP MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299630 PQ MWF 1:20-2:40  MEETS: AUG 21-DEC 15
Note: SEC. PQ MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299635 PR MWF 2:40-4:00  MEETS: AUG 21-DEC 15
Note: SEC. PR MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299640 PS MWF 4:00-5:20  MEETS: AUG 21-DEC 15
Note: SEC. PS MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

3299645 PT MWF 5:20-6:40  MEETS: AUG 21-DEC 15
Note: SEC. PT MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
**ENGLISH**

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<td>Note: SEC. VC IS LIKELY TO MEET IN A ROSS HALL COMPUTER LAB ON THURSDAYS</td>
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<tr>
<td>3299870</td>
<td>VE</td>
<td>M 8:00-8:50</td>
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<td>Note: SEC. VE IS LIKELY TO MEET IN A ROSS HALL COMPUTER LAB ON MONDAYS</td>
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<td>3299875</td>
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<td>M 9:00-9:50</td>
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<td>Note: SEC. VF IS LIKELY TO MEET IN A ROSS HALL COMPUTER LAB ON MONDAYS</td>
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<td>3299880</td>
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<td>M 11:00-11:50</td>
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<td>Note: SEC. VG IS LIKELY TO MEET IN A ROSS HALL COMPUTER LAB ON MONDAYS</td>
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<td>3299885</td>
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<td>Note: SEC. VH IS LIKELY TO MEET IN A ROSS HALL COMPUTER LAB ON MONDAYS</td>
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<td>3299895</td>
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<td>Note: SEC. VK IS LIKELY TO MEET IN A ROSS HALL COMPUTER LAB ON MONDAYS</td>
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**HONORS WRI, ELE COMP**

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<tr>
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<td>Note: SEC. TC IS LIKELY TO MEET IN A ROSS HALL COMPUTER LAB ON FRIDAYS</td>
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<td>Note: SEC. TD IS LIKELY TO MEET IN A ROSS HALL COMPUTER LAB ON FRIDAYS</td>
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<td>Note: SEC. TC IS LIKELY TO MEET IN A ROSS HALL COMPUTER LAB ON FRIDAYS</td>
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<td>Note: SEC. TD IS LIKELY TO MEET IN A ROSS HALL COMPUTER LAB ON FRIDAYS</td>
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**INTRO LITERARY STYD**

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<tr>
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<td>3314010</td>
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<td>Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM</td>
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**ANLYS POP CULTR TXT**

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<tr>
<td>3305005</td>
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**BUSINESS COMMUNICAT**

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<tr>
<td>3310100</td>
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<td>Note: SEC. PA MEETS ALL DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.</td>
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<tr>
<td>3300110</td>
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<td>Note: SEC. PB MEETS ALL DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.</td>
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<tr>
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<td>Note: SEC. PE MEETS ALL DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.</td>
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<td>Note: SEC. PF MEETS ALL DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.</td>
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<tr>
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<td>Note: SEC. RA MEETS ALL DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.</td>
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### COMPUTER ROOM ON MONDAYS

Note: SECTION 27 IS LIKELY TO MEET IN A ROSS HALL

**WF 12:10-1:00**

3314135  27 M 12:10-1:00

### COMPUTER ROOM ON THURSDAYS

MEETS: AUG 21-DEC 15

**R 12:10-2:00**

3314145  29 T 12:10-2:00

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 25 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 8:00-9:20**

3314150  30 M 8:00-9:20

### COMPUTER ROOM ON FRIDAYS

Note: SECTION 24 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**F 1:10-2:00**

3314160  31 T 1:10-2:00

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 22 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 9:30-10:50**

3314170  32 T 9:30-10:50

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 21 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 8:00-9:20**

3314180  33 T 8:00-9:20

### COMPUTER ROOM ON MONDAYS

Note: SECTION 20 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 9:30-10:50**

3314190  34 T 9:30-10:50

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 19 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 7:00-8:20**

3314200  35 T 7:00-8:20

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 18 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 6:00-7:20**

3314210  36 T 6:00-7:20

### COMPUTER ROOM ON MONDAYS

Note: SECTION 17 IS LIKELY TO MEET IN A DURHAM HALL

MEETS: AUG 21-DEC 15

**R 5:00-6:20**

3314220  37 T 5:00-6:20

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 16 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 4:00-5:20**

3314230  38 T 4:00-5:20

### COMPUTER ROOM ON MONDAYS

Note: SECTION 15 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 3:00-4:20**

3314240  39 T 3:00-4:20

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 14 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 2:00-3:20**

3314250  40 T 2:00-3:20

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 13 IS LIKELY TO MEET IN A DURHAM HALL

MEETS: AUG 21-DEC 15

**R 1:00-2:20**

3314260  41 T 1:00-2:20

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 12 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 10:00-11:20**

3314270  42 T 10:00-11:20

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 11 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 9:00-10:20**

3314280  43 T 9:00-10:20

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 10 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 8:00-9:20**

3314290  44 T 8:00-9:20

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 9 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 7:00-8:20**

3314300  45 T 7:00-8:20

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 8 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**R 6:00-7:20**

3314310  46 T 6:00-7:20

### BUSINESS COMMUNICATION ENGL 302 3 CREDITS

3314045  9 MW 11:00-11:50

MEETS: AUG 21-DEC 15

Note: SECTION 9 IS LIKELY TO MEET IN A ROSS HALL

### COMPUTER ROOM ON MONDAYS

**F 11:00-11:50**

3314050  10 MF 11:00-11:50

### COMPUTER ROOM ON FRIDAYS

Note: SECTION 10 IS LIKELY TO MEET IN ALL DAYS IN THE COMMUNICATIONS BLDG. RESTRICTED TO BUSINESS COLLEGE JUNIORS AND SENIORS.

**F 12:10-1:00**

3314055  11 M 12:10-1:00

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 11 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**F 12:10-1:00**

3314060  12 MF 12:10-1:00

### COMPUTER ROOM ON MONDAYS

Note: SECTION 12 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**F 12:10-1:00**

3314065  13 M 12:10-1:00

### COMPUTER ROOM ON THURSDAYS

MEETS: SEP 11-NOV 15

**F 6:00-8:00PM**

3314175  EM MW 6:00-8:00PM

### COMPUTER ROOM ON FRIDAYS

Note: SECTION 13 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**F 7:00-8:20**

3314180  ES MW 7:00-8:20

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 14 IS LIKELY TO MEET IN A DURHAM HALL

MEETS: AUG 21-DEC 15

**F 8:00-9:20**

3314185  ES MW 8:00-9:20

### COMPUTER ROOM ON THURSDAYS

MEETS: SEP 11-NOV 15

**F 9:30-11:00**

3314190  EM MW 9:30-11:00

### COMPUTER ROOM ON WEDNESDAYS

**F 10:00-11:20**

3314195  EM MW 10:00-11:20

### COMPUTER ROOM ON THURSDAYS

MEETS: SEP 11-NOV 15

**F 11:00-12:30**

3314200  EM MW 11:00-12:30

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 15 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**F 11:00-12:30**

3314205  EM MW 11:00-12:30

### COMPUTER ROOM ON TUESDAYS

Note: SECTION 16 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**F 12:10-2:00**

3314210  EM MW 12:10-2:00

### COMPUTER ROOM ON MONDAYS

Note: SECTION 17 IS LIKELY TO MEET IN A ROSS HALL

MEETS: AUG 21-DEC 15

**F 1:10-3:30**

3314215  EM MW 1:10-3:30
ENGLISH (CONTINUED)

HONORS BUS COMMUNIC ENGL 302H 3 CREDITS
Prereq: ENGL 250, JR CLASSIFICATION. For UNIV HONORS PROGRAM STUDENTS ONLY.
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM. OTHER QUALIFIED STUDENTS MAY CONTACT THE DEPARTMENT FOR PERMISSION TO REGISTER.
7402005 A MW 9:00-9:50 MEETS: AUG 21-DEC 15

CREAT WRITING: FICTN ENGL 304 3 CREDITS
Prereq: ENGL 250, NOT OPEN TO FRESHMEN
Note: COURSE NOT OPEN TO FRESHMEN
3316005 A TR 12:40-2:00 MEETS: AUG 21-DEC 15

CREAT WRITING: NON-F ENGL 305 3 CREDITS
Prereq: ENGL 250, NOT OPEN TO FRESHMEN
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
3317005 A TR 2:10-3:30 MEETS: AUG 21-DEC 15

WRITE LIKE A WOMAN ENGL 308 3 CREDITS
Prereq: ENGL 250
Note: COURSE NOT OPEN TO FRESHMEN
8473005 TR 11:00-12:20 MEETS: AUG 21-DEC 15

PROPOSAL&REPORT WRITING ENGL 309 3 CREDITS
Prereq: ENGL 250, JUNIOR CLASSIFICATION
8089020 A2 M 9:00-9:50 WF 9:00-9:50 MEETS: AUG 21-DEC 15
Note: SECTION A1 WILL LIKELY MEET IN A ROSS HALL
COMPUTER ROOM ON MONDAYS. RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
8089010 A2 M 9:00-9:50 WF 9:00-9:50 MEETS: AUG 21-DEC 15
Note: SECTION A2 WILL LIKELY MEET IN A ROSS HALL
COMPUTER ROOM ON MONDAYS. RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM.
8089020 B2 T 9:30-10:50 R 9:30-10:50 MEETS: AUG 21-DEC 15
Note: SECTION B2 WILL LIKELY MEET IN A ROSS HALL
COMPUTER ROOM ON TUESDAYS. RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM.
8089025 C1 T 12:40-2:00 R 12:40-2:00 MEETS: AUG 21-DEC 15
Note: SECTION C1 WILL LIKELY MEET IN A ROSS HALL
COMPUTER ROOM ON THURSDAYS. RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM.
8089030 C2 T 12:40-2:00 R 12:40-2:00 MEETS: AUG 21-DEC 15
Note: SECTION C2 WILL LIKELY MEET IN A ROSS HALL
COMPUTER ROOM ON TUESDAYS. RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM.
8089035 D1 M 11:00-11:50 WF 11:00-11:50 MEETS: AUG 21-DEC 15
Note: SECTION D1 WILL LIKELY MEET IN A ROSS HALL
COMPUTER ROOM ON WEDNESDAYS. RESTRICTED TO ENGL, TCOMM, MAJORS ONLY.
8089040 D2 M 11:00-11:50 WF 11:00-11:50 MEETS: AUG 21-DEC 15
Note: SECTION D2 WILL LIKELY MEET IN A ROSS HALL
COMPUTER ROOM ON THURSDAYS. RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM.
8089045 E1 T 11:00-12:20 R 11:00-12:20 MEETS: AUG 21-DEC 15
Note: SECTION E1 WILL LIKELY MEET IN A ROSS HALL
COMPUTER ROOM ON MONDAYS. RESTRICTED TO ENGL, TCOMM, MAJORS ONLY.
8089050 E2 T 11:00-12:20 R 11:00-12:20 MEETS: AUG 21-DEC 15
Note: SECTION E2 WILL LIKELY MEET IN A ROSS HALL
COMPUTER ROOM ON TUESDAYS. RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM.
8089055 F1 M 8:00-8:50 WF 8:00-8:50 MEETS: AUG 21-DEC 15
Note: SECTION F1 WILL LIKELY MEET IN A ROSS HALL
COMPUTER ROOM ON MONDAYS. RESTRICTED TO ENGL, TCOMM, MAJORS ONLY.
8089060 F2 M 8:00-8:50 WF 8:00-8:50 MEETS: AUG 21-DEC 15
Note: SECTION F2 WILL LIKELY MEET IN A ROSS HALL
COMPUTER ROOM ON MONDAYS. RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM.
TECHNICAL COMMUNICATION ENGL 314 3 CREDITS

Prereq: ENGL 250, JUNIOR CLASSIFICATION

Note: MOST SECTIONS WILL BE TAUGHT IN A COMPUTER LAB. COURSE RESTRICTED TO JUNIORS AND ABOVE.

3356005 1 MW 8:00-8:50 F 8:00-8:50 MEETS: AUG 21-DEC 15
Note: SECTION 1 WILL LIKELY MEET IN A DURHAM CENTER COMPUTER ROOM ON FRIDAYS

3356010 2 MW 9:00-9:50 F 9:00-9:50 MEETS: AUG 21-DEC 15
Note: SECTION 2 WILL LIKELY MEET IN A ROSS HALL COMPUTER ROOM ON FRIDAYS

3356015 3 MW 4:10-5:00 F 4:10-5:00 MEETS: AUG 21-DEC 15
Note: SECTION 3 WILL LIKELY MEET IN A ROSS HALL COMPUTER ROOM ON FRIDAYS

3356020 4 MW 11:00-11:50 F 11:00-11:50 MEETS: AUG 21-DEC 15
Note: SECTION 4 WILL LIKELY MEET IN A DURHAM CENTER COMPUTER ROOM ON FRIDAYS

3356025 5 MW 11:00-11:50 WF 11:00-11:50 MEETS: AUG 21-DEC 15
Note: SECTION 5 WILL LIKELY MEET IN A ROSS HALL COMPUTER ROOM ON FRIDAYS

3356030 6 MW 12:10-1:00 MEETS: AUG 21-DEC 15
Note: SECTION 6 WILL LIKELY MEET IN A DURHAM CENTER COMPUTER ROOM ON MONDAYS

3356035 7 M 1:10-2:00 WF 1:10-2:00 MEETS: AUG 21-DEC 15
Note: SECTION 7 WILL LIKELY MEET IN A ROSS HALL COMPUTER ROOM ON MONDAYS

3356040 8 MW 1:10-2:00 MEETS: AUG 21-DEC 15
Note: SECTION 8 WILL LIKELY MEET IN A DURHAM HALL COMPUTER ROOM ON FRIDAYS

3356045 9 M 2:10-3:00 WF 2:10-3:00 MEETS: AUG 21-DEC 15
Note: SECTION 9 WILL LIKELY MEET IN A ROSS HALL LAB ON MONDAY

3356145 EM TR 6:00-8:00PM MEETS: SEPT 12-NOV 16

3356150 ES TR 6:00-8:00PM MEETS: SEPT 12-NOV 16
Note: SEC ES RESTRICTED TO LST JUNIORS AND SENIORS AND LAS 5 MAJORS

3361005 10 M 3:10-4:00 WF 3:10-4:00 MEETS: AUG 21-DEC 15
Note: SECTION 10 WILL LIKELY MEET IN A ROSS HALL LAB ON MONDAY

3361010 11 M 4:10-5:00 WF 4:10-5:00 MEETS: AUG 21-DEC 15
Note: SECTION 11 WILL LIKELY MEET IN A ROSS HALL COMPUTER ROOM ON MONDAYS

3361015 12 T 8:00-9:20 R 8:00-9:20 MEETS: AUG 21-DEC 15
Note: SECTION 12 WILL LIKELY MEET IN A ROSS HALL COMPUTER ROOM ON FRIDAYS

3361020 13 T 9:30-10:50 R 9:30-10:50 MEETS: AUG 21-DEC 15
Note: SECTION 13 WILL LIKELY MEET IN A ROSS HALL COMPUTER ROOM ON THURSDAYS

3361025 14 T 11:00-12:20 R 11:00-12:20 MEETS: AUG 21-DEC 15
Note: SECTION 14 WILL LIKELY MEET IN A DURHAM CENTER COMPUTER ROOM ON TUESDAYS

3361030 15 T 12:40-2:00 R 12:40-2:00 MEETS: AUG 21-DEC 15
Note: SECTION 15 WILL LIKELY MEET IN A DURHAM CENTER COMPUTER ROOM ON THURSDAYS

3361035 16 T 1:10-3:00 R 2:10-3:30 MEETS: AUG 21-DEC 15
Note: SECTION 16 WILL LIKELY MEET IN A DURHAM CENTER COMPUTER ROOM ON THURSDAYS

3361040 17 T 3:40-5:00 R 3:40-5:00 MEETS: AUG 21-DEC 15
Note: SECTION 17 WILL LIKELY MEET IN A ROSS HALL COMPUTER ROOM ON TUESDAYS

3361045 18 T 8:00-9:20 R 8:00-9:20 MEETS: AUG 21-DEC 15
Note: SECTION 18 WILL LIKELY MEET IN A ROSS HALL COMPUTER ROOM ON MONDAYS

3361050 19 T 9:30-10:50 R 9:30-10:50 MEETS: AUG 21-DEC 15
Note: SECTION 19 WILL LIKELY MEET IN A ROSS HALL COMPUTER ROOM ON TUESDAYS

FALL 2017 (CONTINUED)
ENGLISH (CONTINUED)

POSTCOLONIAL LIT ENGL 389 3 CREDITS
Prereq: ENGL 250; SOPHOMORE CLASSIFICATION
Note: Meets international perspectives reqmt

SEMESTER TECHNICL COMM ENGL 477 3 CREDITS
Prereq: ENGL 320 OR ENGL 320 OR ENGL 314

3349005 A1 MW 1:10-2:00
MEETS: AUG 21-DEC 15
Note: SECTION A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

3349010 A2 MW 1:10-2:00
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM

TCH RDNG OF YNG LIT ENGL 396 3 CREDITS
Prereq: ENGL 250; SOPHOMORE CLASSIFICATION
Note: Meets international perspectives reqmt

INTERN BUS/PRO COMM ENGL 487 1-3 CREDITS
Prereq: JUNIOR CLASSIFICATION; PERMISSION OF COORDINATOR; 9 CR IN ENGL 250, ENGL 309, ENGL 313, ENGL 314, ENGL 415 (PREFERRED), ENGL 416, OR ENGL 477.

3350005 A1 TR 9:30-10:50
MEETS: AUG 21-DEC 15
Note: SECTION A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

3350010 A2 TR 9:30-10:50
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

CR WRIT WKSHIP: FICTN ENGL 404 3 CREDITS
Prereq: ENGL 300

7786005 A TR 12:40-2:00
MEETS: AUG 21-DEC 15

Technl, Rhet, Pro Cmm ENGL 411 3 CREDITS
Prereq: ENGL 310, ENGL 320, ENGL 309, ENGL 313, OR ENGL 413; JUNIOR CLASSIFICATION

7786010 A1 TR 12:40-2:00
MEETS: AUG 21-DEC 15

Note: Instructor permission required.

3353005 A2 MW 3:10-4:30
MEETS: AUG 21-DEC 15

Note: SECTION A2 RESTRICTED TO ENRLD ED MAJORS ONLY

IND STDY LITERATURE ENGL 490A VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE TO LITERATURE, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION

DEPARTMENT PERMISSION REQUIRED.

****** SEE DEPT FOR REFERENCE NUMBERS

IND STU LINGUISTICS ENGL 490B VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE TO LINGUISTICS, JR CLASSIFICATION, PERMISSION OF 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 STDY RHETORIC ENGL 490C VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE TO RHETORIC, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION

DEPARTMENT PERMISSION REQUIRED.

****** SEE DEPT FOR REFERENCE NUMBERS

HIST OF ENGLISH LANG ENGL 420 3 CREDITS
Prereq: ENGL/LING 219, ENGL/LING 220
Note: COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES

7786020 A2 MW 3:10-4:30
MEETS: AUG 21-DEC 15

Note: SECTION A2 RESTRICTED TO ENRLD ED MAJORS ONLY

3360005 A TR 3:10-5:30
MEETS: AUG 21-DEC 15

2ND LANG LRNG/TCHNG ENGL 425 3 CREDITS
Prereq: ENGL/LING 219; JUNIOR CLASSIFICATION

8884005 A1 TR 3:10-4:30
MEETS: AUG 21-DEC 15
Note: SECTION A1 RESTRICTED TO ENRLD ED MAJORS ONLY

8884010 A2 MW 3:10-4:30
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM

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 A TR 2:10-3:30
MEETS: AUG 21-DEC 15
Note: Instructor permission required.
MEETS: AUG 21-DEC 15
WRITING AND ENVIRONMENT
Prereq: ADMISSION INTO MFA PROGRAM IN CREATIVE CRTV WRIT:CRAFT&PRO
ENGL 550       3 CREDITS
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3385005 A TR 9:30-10:30
MEETS: AUG 21-DEC 15
338510 A2 TR 9:30-10:30
MEETS: AUG 21-DEC 15
338515 A3 TR 9:30-10:30
MEETS: AUG 21-DEC 15
338520 A4 TR 9:30-10:30
MEETS: AUG 21-DEC 15

TEACHG ADV COMMUNIC ENGL 504 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3388005 A TR 3:40-5:00
MEETS: AUG 21-DEC 15

PRO COMMUNIC THEORY ENGL 506 3 CREDITS
Prereq: ADMISSION TO ENGLISH DEPT GRADUATE
PROGRAM
Note: COURSE RESTRICTED TO ENGL, TCOMM GRAD STUDENTS
3390005 A TR 12:40-2:00
MEETS: AUG 21-DEC 15

INTR CPR84APPL LING ENGL 510 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND LINGUISTICS MAJORS
5189005 A MW 9:30-10:50
MEETS: AUG 21-DEC 15

INTR LINGUIST ANALY ENGL 511 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND LINGUISTICS MAJORS
3395005 A TR 11:00-12:20
MEETS: AUG 21-DEC 15

LINGUISTICS MAJORS

LANGU ASSESS PRACTM ENGL 513 3 CREDITS
Prereq: ENGL 519
8728005 A ARRANGED
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

TESL MTHDNS&MATERLS ENGL 518 3 CREDITS
Prereq: ENGL/LING 511 OR AN INTRODUCTORY COURSE IN LINGUISTICS
5190005 A T 6:10-9:00PM
MEETS: AUG 21-DEC 15

TCHG 2D LANG PRONUN ENGL 525 3 CREDITS
Prereq: ENGL/LING 511 OR AN INTRODUCTORY COURSE IN LINGUISTICS
2230005 A MW 2:10-3:30
MEETS: AUG 21-DEC 15

AMERICAN LIT TO 1865 ENGL 532 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR 6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE
1244005 A T 6:10-9:00PM
MEETS: AUG 21-DEC 15

BRITISH LIT TO 1830 ENGL 533 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR 6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE
2243005 A MW 3:40-5:00PM
MEETS: AUG 21-DEC 15

DRAMA ENGL 540 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR 6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3409005 A TR 11:00-12:20
MEETS: AUG 21-DEC 15

ISS IN STUDY OF LIT ENGL 546 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR 6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
2268005 A W 3:10-6:00PM
MEETS: AUG 21-DEC 15

HIST RHET THEORY II ENGL 548 3 CREDITS
Prereq: 6 CREDITS IN ENGL
Note: COURSE RESTRICTED TO ENGL, TCOMM GRAD STUDENTS
8393005 TCM R 3:10-6:00PM
MEETS: AUG 21-DEC 15

CRTV WRIT:CRAFT&PRO ENGL 550 3 CREDITS
Prereq: ADMISSION INTO MFA PROGRAM IN CREATIVE WRITING AND ENVIRONMENT
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
8354005 A W 6:10-9:00PM
MEETS: AUG 21-DEC 15
ENGLISH (CONTINUED)

CREATIVE COMPONENT ENGL 599 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
******** SEE DEPT FOR REFERENCE NUMBERS

RSCRH MTH RHET-ANL ENGL 602C 3 CREDITS
9868005 3 3:10-6:00PM
MEETS: AUG 21-DEC 15

SMNR RHETORC THEORY ENGL 611 3 CREDITS
Prereq: ENGL 547 OR ENGL 548
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
8395005 A W 3:10-6:00PM
MEETS: AUG 21-DEC 15

RSCRH MTHD APP LING ENGL 623 3 CREDITS
Prereq: ENGL/LING 511, ENGL/LING 517, ENGL/LING 519
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND LINGUISTICS MAJORS
6692005 A MW 12:40-2:00
MEETS: AUG 21-DEC 15

SMNR APPLD LINGUIST ENGL 630 3 CREDITS
Prereq: ENGL/LING 510, ENGL/LING 511
Note: COURSE RESTRICTED TO ENGL, TCOMM GRAD STUDENTS
4758005 A MW 3:40-5:00
4758010 B TR 12:40-2:00
MEETS: AUG 21-DEC 15

PRACTCM TEC LINGUI ENGL 688 3 CREDITS
Prereq: ENGL/LING 510, ENGL/LING 626, OR EQUIV;
AT LEAST 2ND YEAR PH.D. STUDENT IN APPLIED LINGUISTICS AND TECHNOLOGY
7633005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

RESEARCH ENGL 699 VAR. CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
******** SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

INTRO TO INSECTS ENT 201 1 CREDIT
5197005 A ARRANGED LEWIS D
Note: Course delivery is WWW
MEETS: AUG 21-SEP 22

INSECTS AND SOCIETY ENT 211 2 CREDITS
Prereq: ENT 201
3441005 A ARRANGED LEWIS D
MEETS: SEPT 25-DEC 15
Note: Course delivery is WWW

INSECT BIOLOGY ENT 370 3 CREDITS
Prereq: BIOL 101 OR BIOL 211
3443005 A TR 11:00-11:50 JURENKA R
W 12:10-3:00 JURENKA R
MEETS: AUG 21-DEC 15
Section info: http://www.ent.iastate.edu/courses /ent370/

3443010 B TR 11:00-11:50 JURENKA R
W 3:10-6:00 JURENKA R
MEETS: AUG 21-DEC 15
Section info: http://www.ent.iastate.edu/courses /ent370/

3443015 C TR 11:00-11:50 JURENKA R
F 12:10-3:00 JURENKA R
MEETS: AUG 21-DEC 15
Section info: http://www.ent.iastate.edu/courses /ent370/

IND STU RESRCH/WKRT ENT 490E 1-3 CREDITS
Prereq: 15 CR IN BIOL SCI, JR OR SR CLASSIF
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED TOWARD GRADUATION
Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LAB TEACHG ENT 490U 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES, JUNIOR OR SENIOR CLASSIFICATION, FOR STUDENTS REGISTERING TO BE UNDERGRADUATE LABORATORY ASSISTANTS.
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED TOWARD GRADUATION
Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY (CONTINUED)

PLANT-INSCT INTERAC ENT 570 2 CREDITS
3452005 W 3:10-5:00 GASSMANN A
MEETS: AUG 21-DEC 15

SP TOP BIOL CONTROL ENT 590A 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******** SEE DEPT FOR REFERENCE NUMBERS

SP TOP CHEM ECOLOGY ENT 590B 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECO&PEST MGT ENT 590C 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EVOL SYSTEMAT ENT 590D 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSCRH TOPCS ENT 590E 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEDICAL&VET ENT 590F 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TOXICOLOGY ENT 590G 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH TOPCS ENT 590H 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP IMMUTR INS ENT 590I 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POLPOP GENET ENT 590N 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENT 600 1 CREDIT
5345005 A M 4:10-5:00 COURTNEY G
Section info: http://www.ent.iastate.edu/courses
MEETS: AUG 21-DEC 15

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

ENVIRONMENTAL SCIENCE

ORIENT ENVIRONMT SCI ENNSCI 110 1 CREDIT
Prereq: FRESHMAN CLASSIFICATION IN ENNSCI
Note: COURSE RESTRICTED TO ENNSCA, ENNSCS FRESHMEN ONLY
6098005 1 R 2:10-3:00 WILLIAMS R
MEETS: AUG 21-DEC 15

INTRO ENVIRONMT ISSU ENNSCI 207 2 CREDITS
6111005 1A TR 8:00-9:20, ARRANGED HALL S
MEETS: OCT 16-DEC 15
Note: SECTION IA RESTRICTED TO ENNSCA, ENNC MAJORS ONLY
6111010 1B TR 8:00-9:20, ARRANGED HALL S
MEETS: OCT 16-DEC 15
6111015 1C TR 8:00-9:20, ARRANGED HALL S
MEETS: OCT 16-DEC 15
Note: SECTION IC RESTRICTED TO AG X, ENV S, OPEN MAJORS

EXPLOR ENVIR ISSUES ENNSCI 201 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN ENNSCI 207
Note: COURSE RESTRICTED TO ENNSCA, ENNSCS MAJORS ONLY
9224005 R 12:40-2:00 CARROLL H
MEETS: AUG 21-DEC 15

APPL EXPLOR ENNSCI I ENNSCI 204X 1 CREDIT
Prereq: ENNSCI 201 OR PERMISSION OF INSTRUCTOR
6144005 R 2:10-3:00 CARROLL H
MEETS: AUG 21-DEC 15
ENVIROMNTL GEOGRAPHY ENSCI 250 3 CREDITS
3617005 1 WF 10:00-10:50 BURRAS C
MEETS: AUG 21-DEC 15
Note: SECTION 1 RESTRICTED TO ENSCA, ENCS Majors ONLY
3617010 2 WF 10:00-10:50
MEETS: AUG 21-DEC 15
Note: SECTION 2 RESTRICTED TO A ECL, AG X, AGRON, BIOI, BIOLA, ENY S, FOR, GEOL, WTEOR, OPEN MAJORS

GEOSPATIAL TECHNOLOGY ENSCI 270X 3 CREDITS
3617005 TR 3:40-4:30, ARRANGED
MEETS: AUG 21-DEC 15
FOREST ECOLOGY/SAFIES ENSCI 301 4 CREDITS
Prereq: BIOL 211, 212L; For 211 OR A 2ND COURSE IN BIOLOGY
4973005 A TR 8:00-9:20 SCHULTZ R
MT 5:10-6:00PM SCHULTZ R
MEETS: AUG 21-DEC 15
ECOLOGY ENSCI 312 4 CREDITS
Prereq: BIOL 211L and BIOL 212L
Note: SECTION B IS TEAM BASED LEARNING
4996003 A TR 8:00-9:15
MEETS: AUG 21-DEC 15
4996004 B TR 8:00-9:15
MEETS: AUG 21-DEC 15

INTRO ENVIRNLMT SYSTE ENSCI 370 1- 6 CREDITS
Prereq: 12 CREDITS IN NATURAL SCIENCE INCLUDING BIOLOGY AND CHEMISTRY
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2017;
SECTIONS 1A,2A, ETC. RESTRICTED TO ENSCA, ENCS Majors OR SECTIONS 1B,2B, ETC. RESTRICTED TO MAJORS OTHER THAN ENSCA, ENSCS.
3293005 1A ARRANGED CRUMP W
TR 12:10-2:00
MEETS: AUG 21-DEC 15
Note: ARRANGED REPRESENTS A Podcast Lecture
3293010 1B ARRANGED CRUMP W
TR 12:10-2:00
MEETS: AUG 21-DEC 15
Note: ARRANGED REPRESENTS A Podcast Lecture
3293015 2A ARRANGED, TR 2:10-4:00 CRUMP W
MEETS: AUG 21-DEC 15
Note: ARRANGED REPRESENTS A Podcast Lecture
3293020 2B ARRANGED, TR 2:10-4:00 CRUMP W
MEETS: AUG 21-DEC 15
Note: ARRANGED REPRESENTS A Podcast Lecture
3293025 3A ARRANGED CRUMP W
TR 4:10-6:00PM CRUMP W
MEETS: AUG 21-DEC 15
Note: ARRANGED REPRESENTS A Podcast Lecture
3293030 3B ARRANGED CRUMP W
TR 4:10-6:00PM CRUMP W
MEETS: AUG 21-DEC 15
Note: ARRANGED REPRESENTS A Podcast Lecture
**ENVIRONMENTAL SCIENCE**

**HONORS INDEPENDENT STUDY** ENSCI 490H VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, APPROVAL OF ENVIRONMENTAL SCIENCE COORDINATOR
******* SEE DEPT FOR REFERENCE NUMBERS

**COOPERATIVE EDUCATION** ENSCI 498 R CREDIT
Prereq: PERMISSION OF ENSCI COORDINATOR
6276005 ARRANGED MEETS: AUG 21–DEC 15

**WATERSHED HYDROLOGY** ENSCI 502 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING
4409005 MW 11:00–11:50 FRANZ K
R 3:10–6:00PM MEETS: AUG 21–DEC 15

**HYDROGEOLGY** ENSCI 511 4 CREDITS
Prereq: FOUR COURSES IN BIOLOGICAL OR PHYSICAL SCIENCES
3129005 A MWF 9:00–9:50 SIMPKINS W
R 1:10–3:00 MEETS: AUG 21–DEC 15

**STREAM ECOLOGY** ENSCI 518 3 CREDITS
Prereq: A ECL 486
Note: Instructor permission required 1st week
5029005 TR 11:00–2:00 PIERCE C
R 2:10–5:00 MEETS: AUG 21–DEC 15

**ENVIRONMENTAL GEORCHEMISTRY** ENSCI 520 3 CREDITS
Prereq: CHEM 177, CHEM 178, MATH 166
4511005 1WF 11:00–11:50
R 2:10–5:00 MEETS: AUG 21–DEC 15

**ENVIRONMENTAL BIOENGINEERING** ENSCI 521 3 CREDITS
Prereq: CHEM 372 or GEOG 402 or ENSCI 402 or
MTGR 402; MATH 264 or EQUIVALENT
4696005 MW 9:00–9:50
W 12:10–3:00
T 3:10–5:00 MEETS: AUG 21–DEC 15

**INTEGRATING GIS/GPS** ENSCI 546 3 CREDITS
Prereq: 12 CR IN STUDENT MAJOR AT 300 LEVEL OR ABOVE, 12 CR IN EQUIVALENT EXPERIENCE WITH ARGIS
4698005 1 TR 8:00–9:50 WOLTER P
T 12:10–3:00 WOLTER P MEETS: AUG 21–DEC 15
4698010 2 TR 8:00–9:50 WOLTER P
W 11:00–1:00 WOLTER P MEETS: AUG 21–DEC 15

**GIS FOR GEOCONCEPTS** ENSCI 552 3 CREDITS
Prereq: GEOG 100, GEOG 201 or EQUIVALENT
3217005 MW 3:10–4:00 HARDING C
MW 4:10–5:00
F 3:10–5:00 MEETS: AUG 21–DEC 15

**ENVIRONMENTAL GEOGRAPHY** ENSCI 581 3 CREDITS
Prereq: 12 CR IN STUDENT MAJOR AT 300 LEVEL OR ABOVE, 12 CR IN EQUIVALENT EXPERIENCE WITH ARCGIS
2735005 TR 3:40–6:00PM MEETS: AUG 21–DEC 15

**SOIL FORMATION** ENSCI 583 3 CREDITS
Prereq: GEOG 463 or EQUIVALENT
3465005 MW 12:10–1:00 MEETS: AUG 21–DEC 15

**ENVIRONMENTAL STUDIES**

**ENVIRONMENTAL STUDIES**

**INTRO ENVIRONMENTAL SYSTEMS** ENSCI 581 3 CREDITS
Prereq: 12 CREDITS OF NATURAL SCIENCE INCLUDING BIOLOGY AND CHEMISTRY
2735005 TR 3:10–6:00PM MEETS: AUG 21–DEC 15

**MICROBIAL ECOLOGY** ENSCI 587 3 CREDITS
Prereq: 6 CREDITS IN BIOLOGY AND 6 CREDITS IN CHEMISTRY
7352005 MFN 9:00–9:50 MEETS: AUG 21–DEC 15

**ENVIRONMENTAL SCIENCES**

**SPECIAL TOPICS** ENSCI 590 VAR. CREDITS
Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL SCIENCES FACULTY
******* SEE DEPT FOR REFERENCE NUMBERS

**RESEARCH** ENSCI 699 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
FALL 2017

ENVIROMNTL LAW&PLAN ENV S 491 3 CREDITS
Prereq: 6 CREDITS IN NATURAL SCIENCES
MEETS: AUG 21-DEC 15

EVENT MANAGEMENT
INTRO EVENT MANAGMT EVENT 271 3 CREDITS
MEETS: AUG 21-DEC 15
Note: SECTION 1 RESTRICTED TO MAJORS OTHER THAN A M D, EVENT, HSP M

PRO ROLES FAMILY SCI FCEDS 206 2 CREDITS
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN HD FS 101
MEETS: AUG 21-DEC 15

PRE-TCHG PRACTCM:LAB FCEDS 480B 1 CREDIT
MEETS: AUG 21-DEC 15

SUPR TCHG VOC FAMILY FCEDS 417B 3- 8 CREDITS
Prereq: FCEDS 413, 24 CR IN FAMILY & CONSUMER SCI SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
MEETS: AUG 21-DEC 15

INDEP STUDY GENERAL FCEDS 490G  VAR. CREDITS
Prereq: DEPARTMENTAL APPROVAL
MEETS: AUG 21-DEC 15

SUPR EXPNRC COMMUNC FCEDS 491A 3- 8 CREDITS
Prereq: HD FS 449; 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED
MEETS: AUG 21-DEC 15

SUPR EXPNRC PRO STU FCEDS 491B 3- 8 CREDITS
Prereq: HD FS 418B; 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED
MEETS: AUG 21-DEC 15
### PRINCIPAL OF FINANCE  FIN  301  3 CREDITS

**Prereq:** ACCT 284, ECON 101, STAT 226

**Sections:**
- A1, B1, etc. Restricted to FIN MAJORS only.
- Sections A2, B2, etc. Restricted to ACCT, BUS, MIS, MGMT, SCM, and UNDERGRAD MAJORS only.

### CORPORATE FINANCE  FIN  310  3 CREDITS

**Prereq:** FIN 301, 330 or ECON 353

**Note:** COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.

### SECUR ANALY&PORTFOL  FIN  425  3 CREDITS

**Prereq:** FIN 301, 326 and STAT 326

**Note:** Instructor permission required.

### BUS FINANCIAL DECISIONS  FIN  415  3 CREDITS

**Prereq:** FIN 320 and STAT 326

**Note:** COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.

### BANK MGT DECISIONS  FIN  445  3 CREDITS

**Prereq:** STAT 326

**Note:** COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.

### BANK MGT DECISIONS  FIN  445  3 CREDITS

**Prereq:** STAT 326

**Note:** COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.

### ANALYTICAL FINANCE  FIN  450X  3 CREDITS

**Prereq:** FIN 301, 326 and STAT 326

**Note:** COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
FALL 2017

FINANCE

(continued)

REAL ESTATE FINANCE FIN 472 3 CREDITS
Prereq: FIN 301 AND STAT 326
Note: Sections A1, B1 restricted to FIN majors only. Sections A2, B2 restricted to majors other than FIN, P BUS, GRADUATE STUDENTS BY SIGNATURE FROM 1200 GERDIN.
4555005 A1 TR 5:10-6:25PM
4555010 A2 TR 5:10-6:25PM
MEETS: AUG 21-DEC 15

INTRA.IN. FINANCE FIN 480 3 CREDITS
Prereq: FIN 301 OR FIN 320 OR FIN 330
Note: Course not open to P BUS MAJORS. Grad students go to 1200 GERDIN for permission to add.
5131005 A1 MWF 11:00-11:50
MEETS: AUG 21-DEC 15
Note: Section A1 restricted to Finance, 1 BUS MAJORS ONLY
5131010 A2 MWF 11:00-11:50
MEETS: AUG 21-DEC 15
Note: Section A2 restricted to ACCT, BUS U, BUSUC, MGMT, MIS, MKT, ECR UNDERGRAD MAJORS ONLY

INDEPENDENT STUDY FIN 490 1-3 CREDITS
Prereq: FIN 301, STAT 326 AND PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
****** See dept for reference numbers

BANKING INTERNSHIP FIN 499A 1-3 CREDITS
Prereq: GPA 2.5, PERMISSION OF INTERNSHIP COORDINATOR; STAT 326
Satisfactory-Fail Only.
9403005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Department permission required.

INSURANCE INTERNSHIP FIN 499B 1-3 CREDITS
Prereq: FIN 361, STAT 326; GPA 2.5, PERMISSION OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
9555005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Department permission required.

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 ARRANGED
MEETS: AUG 21-DEC 15
Note: Department permission required.

INTERNSHIP INVESTMT FIN 499D 1-3 CREDITS
Prereq: GPA 2.5, PERMISSION OF INTERNSHIP COORDINATOR
Note: Course only offered for 3 CREDITS FALL 2017
6516005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Department permission required.

INTERNSHIP: CORPORATE FIN 499E 1-3 CREDITS
Prereq: FIN 310, STAT 326, GPA 2.5, PERMISSION OF INTERNSHIP COORDINATOR
Note: Course only offered for 3 CREDITS FALL 2017
2736005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Permission of coordinator required.

ADV CORPORAT FINANC FIN 510 3 CREDITS
Prereq: FIN 501
Note: Restricted to Business College Graduate Students
3703005 A 8:40-10:00PM
MEETS: AUG 31-NOV 16

FINANC ECONALS/VALUAT FIN 530 3 CREDITS
Prereq: Restricted to Business College Graduate Students
1554005 1 M 8:30-11:15
MEETS: SEPT 2-NOV 18

FINANC DERIVATIVES FIN 534 3 CREDITS
Prereq: Graduate Classification
Note: Restricted to Business College Graduate Students
3450005 A TR 2:10-3:15PM
MEETS: AUG 29-NOV 16

FINANC ECONOMETRICS FIN 550 3 CREDITS
Prereq: FIN 501, ECON 217
Note: Restricted to Business College Graduate Students
1597005 A M 6:40-10:00PM
MEETS: AUG 28-NOV 13

SPECIAL TOPICS FIN 590 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Restricted to Business College Graduate Students
****** See dept for reference numbers

FOOD SCIENCE & HUMAN NUTRITION

FOOD & THE CONSUMER FS HN 101 3 CREDITS
Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR CREDITS EACH OF BIOLOGY AND CHEMISTRY
3659005 MWF 12:00-1:00
MEETS: AUG 21-DEC 15

SPORT PRFRCM NUTRIT FS HN 102 1 CREDIT
1873005 M W 9:00-9:50
MEETS: OCT 16-DEC 15

INTRO CULINARY SKILLS FS HN 104 1 CREDIT
8416005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Course restricted to CUFSU, CUFSU MAJORS ONLY

PROFESSIONAL EDUC PREP FS HN 110 1 CREDIT
Satisfactory-Fail Only.
3661005 1 TR 2:10-3:00
MEETS: AUG 21-OCT 15
Note: Section 1 restricted to P DTA, P DTH, PDEXA, AND PDEXF freshmen only
3661010 2 TR 2:10-3:00
MEETS: AUG 21-OCT 15
3661015 3 TR 2:10-3:00
MEETS: AUG 21-OCT 15

FUND OF FOOD PREPAR FS HN 111 2 CREDITS
Prereq: FS HN 101 OR FS HN 167; HIGH SCHOOL CHEMISTRY OR CHEM 160; CONCURRENT ENROLLMENT IN FS HN 115.
Note: Course restricted to HR1, HSP M, FCODES, NS A,
3602005 1 M 9:00-9:50
MEETS: AUG 21-DEC 15

FOOD PREPARATN LAB FS HN 115 1 CREDIT
Prereq: Credit or enrollment in FS HN 111 OR FS HN 214
2922005 1 M 2:10-5:00
MEETS: AUG 21-DEC 15
2922010 2 W 2:10-5:00
MEETS: AUG 21-DEC 15
2922015 3 T 1:00-4:00
MEETS: AUG 21-DEC 15
2922020 4 R 9:00-11:50
MEETS: AUG 21-DEC 15
2922025 5 T 9:00-11:50
MEETS: AUG 21-DEC 15
2922030 6 W 2:10-5:00
MEETS: AUG 21-DEC 15

BIOCHEMISTRY OF BEER FS HN 120 2 CREDITS
Note: Credit in BBMB 120/FS HN 120 may only be applied toward graduation by natural science majors as elective credit
2283005 TR 10:10-11:50
MEETS: AUG 21-DEC 15

INTRO HUMAN NUTRITION FS HN 167 3 CREDITS
Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
3600005 1 MWF 12:00-1:00
MEETS: AUG 21-DEC 15
3600010 2 TR 2:10-3:00
MEETS: AUG 21-DEC 15

ISSU FOOD SCIENCE NUTRI FS HN 203 1 CREDIT
8685005 1 M 2:10-3:00
MEETS: AUG 21-DEC 15
8685010 2 T 4:10-5:00
MEETS: AUG 21-DEC 15
8685015 3 F 3:10-4:00
MEETS: AUG 21-DEC 15
8685020 4 F 1:10-2:00
MEETS: AUG 21-DEC 15

SCIENTIFIC STUDY FOOD FS HN 214 3 CREDITS
Prereq: FS HN 167 OR FS HN 263; CHEM 231 OR CHEM 331; Concurrent Enrollment in FS HN 215 required
3603005 1 MWF 1:10-2:00
MEETS: AUG 21-DEC 15

ADV FOOD PREPARATN FS HN 215 2 CREDITS
Prereq: Credit or enrollment in FS HN 214
2928005 1 TR 9:00-11:50
MEETS: AUG 21-DEC 15
2928010 2 TR 1:10-4:00
MEETS: AUG 21-DEC 15
FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FUND NUTR BIOCHEM&MT FS HN 264 3 CREDITS
Prereq: FS HN 167; CHEM 163, CHEM 163L; BIOL 211
2969005 1 MW 10:00-10:50
MEETS: AUG 21-DEC 15

FOOD CHEMISTRY FS HN 311 3 CREDITS
Prereq: CHEM 231 AND CHEM 231L OR CHEM 331
AND CHEM 131L; CREDIT OR ENROLLMENT IN BM&B 301
3669005 1 TR 12:40-2:00
MEETS: AUG 21-DEC 15

FOOD CHEMISTRY LAB FS HN 311L 1 CREDIT
3083005 1 T 2:10-5:00
MEETS: AUG 21-DEC 15
3083010 2 R 2:10-5:00
MEETS: AUG 21-DEC 15
3083015 3 F 1:10-4:00
MEETS: AUG 21-DEC 15

PROF DVLPM FOOD SCI FS HN 315X 2 CREDITS
7666005 MW 11:00-11:50
MEETS: AUG 21-DEC 15

FOOD PROCESSING I FS HN 471 3 CREDITS
Prereq: CHEM 231 AND CHEM 231L OR CHEM 331
MEETS: AUG 21-DEC 15
2969005 1 MW 9:00-9:50
MEETS: AUG 21-DEC 15

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FUND NUTR BIOCHEM&MT FS HN 264 3 CREDITS
Prereq: FS HN 167; CHEM 163, CHEM 163L; BIOL 211
2969005 1 MW 10:00-10:50
MEETS: AUG 21-DEC 15

FOOD CHEMISTRY FS HN 311 3 CREDITS
Prereq: CHEM 231 AND CHEM 231L OR CHEM 331
AND CHEM 131L; CREDIT OR ENROLLMENT IN BM&B 301
3669005 1 TR 12:40-2:00
MEETS: AUG 21-DEC 15

FOOD CHEMISTRY LAB FS HN 311L 1 CREDIT
3083005 1 T 2:10-5:00
MEETS: AUG 21-DEC 15
3083010 2 R 2:10-5:00
MEETS: AUG 21-DEC 15
3083015 3 F 1:10-4:00
MEETS: AUG 21-DEC 15

FOOD PROCESSING I FS HN 471 3 CREDITS
Prereq: CHEM 231 AND CHEM 231L OR CHEM 331
MEETS: AUG 21-DEC 15
2969005 1 MW 9:00-9:50
MEETS: AUG 21-DEC 15

FOOD ANALYSIS FS HN 410 3 CREDITS
Prereq: FS HN 214 OR FS HN 311 OR CHEM 211
3668005 1 MW 12:10-1:00
T 9:00-11:50
MEETS: AUG 21-DEC 15
3669010 2 MW 11:10-2:00
T 12:10-3:00
MEETS: AUG 21-DEC 15
3669015 3 MW 1:10-2:00
R 2:10-5:00
MEETS: AUG 21-DEC 15

FOOD INGRED INTERAC FS HN 411 2 CREDITS
Prereq: FS HN 214 OR FS HN 311 AND FS HN 311,
FS HN 215 OR FS HN 311.
3613005 1 M 8:00-8:50
R 9:00-11:50
MEETS: AUG 21-DEC 15
3613010 2 M 8:00-8:50
R 2:10-5:00
MEETS: AUG 21-DEC 15
3613015 3 M 8:00-8:50
F 9:00-11:50
MEETS: AUG 21-DEC 15

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FUND NUTR BIOCHEM&MT FS HN 264 3 CREDITS
Prereq: FS HN 167; CHEM 163, CHEM 163L; BIOL 211
2969005 1 MW 10:00-10:50
MEETS: AUG 21-DEC 15

FOOD CHEMISTRY FS HN 311 3 CREDITS
Prereq: CHEM 231 AND CHEM 231L OR CHEM 331
AND CHEM 131L; CREDIT OR ENROLLMENT IN BM&B 301
3669005 1 TR 12:40-2:00
MEETS: AUG 21-DEC 15

FOOD CHEMISTRY LAB FS HN 311L 1 CREDIT
3083005 1 T 2:10-5:00
MEETS: AUG 21-DEC 15
3083010 2 R 2:10-5:00
MEETS: AUG 21-DEC 15
3083015 3 F 1:10-4:00
MEETS: AUG 21-DEC 15

FOOD PROCESSING I FS HN 471 3 CREDITS
Prereq: CHEM 231 AND CHEM 231L OR CHEM 331
MEETS: AUG 21-DEC 15
2969005 1 MW 9:00-9:50
MEETS: AUG 21-DEC 15

FOOD ANALYSIS FS HN 410 3 CREDITS
Prereq: FS HN 214 OR FS HN 311 OR CHEM 211
3668005 1 MW 12:10-1:00
W 2:10-5:00
MEETS: AUG 21-DEC 15
3668010 2 MW 11:10-2:00
W 2:10-5:00
MEETS: AUG 21-DEC 15

FOOD INGRED INTERAC FS HN 411 2 CREDITS
Prereq: FS HN 214 OR FS HN 311 AND FS HN 311,
FS HN 215 OR FS HN 311.
3613005 1 M 8:00-8:50
R 9:00-11:50
MEETS: AUG 21-DEC 15
3613010 2 M 8:00-8:50
R 2:10-5:00
MEETS: AUG 21-DEC 15
3613015 3 M 8:00-8:50
F 9:00-11:50
MEETS: AUG 21-DEC 15

Note: SECTION 3 RESTRICTED TO DIETA, DIETH, D EXA, D EXH MAJORS ONLY
<table>
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FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)
FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

ADV FOOD MICROBIOLG FS HN 626 3 CREDITS
PreReq: FS HN 420 OR FS HN 421 OR FS HN 504
3686005 1 TR 2:10-3:30
MEETS: AUG-DEC 15

SEMINAR FS HN 681 1 CREDIT
3648005 1 W 4:10-5:00
MEETS: AUG-DEC 15

SEMINAR REFLECTION FS HN 682 R CREDIT
9178005 W 4:10-5:00
MEETS: AUG-DEC 15

SPECIAL PROBLEMS FS HN 690 VAR. CREDITS
PreReq: FS HN 502 OR FS HN 503 OR FS HN 504 OR FS HN 553 OR FS HN 554

GRANT PROPOSAL WRIT FS HN 695 1 CREDIT
PreReq: 3 CREDITS OF GRADUATE COURSE WORK IN FOOD SCIENCE AND/or NUTRITION
Satisfactory-Fail Only.
1274005 1 R 11:00-11:50
MEETS: AUG-DEC 15

RESrch FOOD SCI&TEC FS HN 699 VAR. CREDITS
Satisfactory-Fail Only.

FORESTRY

FOREST BIOLOGY FOR 201 2 CREDITS
PreReq: Concurrent Enrollment in FOR 202, FOR 203, FOR 204, FOR 205, FOR 206
Note: Instructor permission required 1st week.
3709005 A MW 8:00-9:50 SCHULTE-MOORE L
MEETS: AUG-DEC 15
Note: MEETS 12 WEEKS

SUSTAINABLE WOOD UTILIZ FOR 202 2 CREDITS
PreReq: Concurrent Enrollment in FOR 201, FOR 202, FOR 204, FOR 205, FOR 206
Note: Instructor permission required 1st week.
3710005 A MW 11:00-12:50 STORKE D
MEETS: AUG-DEC 15
Note: MEETS 12 WEEKS

RESourc MEASUR/EVAL FOR 203 2 CREDITS
PreReq: Concurrent Enrollment in FOR 201, FOR 202, FOR 204, FOR 205, FOR 206; MATH 140
Note: Instructor permission required 1st week.
3711005 A MW 1:00-2:50 MCMULLEN C
MEETS: AUG-DEC 15
Note: MEETS 12 WEEKS

F ECOSYS DECISION MAK FOR 204 2 CREDITS
PreReq: Concurrent Enrollment in FOR 201, FOR 202, FOR 203, FOR 204, FOR 205
Note: Instructor permission required 1st week.
3712005 A MW 10:00-11:50 TYNDALL J
MEETS: AUG-DEC 15
Note: MEETS 12 WEEKS

INTEGR FORESTRY LAB FOR 205 3 CREDITS
PreReq: Concurrent Enrollment in FOR 201, FOR 202, FOR 203, FOR 204, FOR 206
Note: Instructor permission required 1st week.
9556005 A R 9:00-10:50 STORKE D
MEETS: AUG-DEC 15
Note: MEETS 12 WEEKS

FALL FORESTRY CAMP FOR 206 4 CREDITS
PreReq: Concurrent Enrollment in FOR 201, FOR 202, FOR 203, FOR 204, FOR 205
Note: Instructor permission required 1st week.
9557005 A ARRANGED SCHULTZ R
MEETS: AUG-DEC 15
Note: FORESTRY CAMP WILL BE IN MONTANA. DATES TO BE ANNOUNCED

SPL PROB LEADERSHIP FOR 290A 1-4 CREDITS
PreReq: FROSH OR SOPH CLASS, INSTRUCTOR PERMISN

SPL PROB ECOSYS MG T FOR 290B 1-4 CREDITS
PreReq: FROSH OR SOPH CLASS, INSTRUCTOR PERMISN

SPL PRB RESRC CNSRV FOR 290C 1-4 CREDITS
PreReq: FROSH OR SOPH CLASS, INSTRUCTOR PERMISN

SPL PROB URB&COMMUN FOR 290D 1-4 CREDITS
PreReq: FROSH OR SOPH CLASS, INSTRUCTOR PERMISN

FORESTRY (CONTINUED)

SPL PROB WOOD SCIEN FOR 290E 1-4 CREDITS
PreReq: FROSH OR SOPH CLASS, INSTRUCTOR PERMISN

DENDROLOGY FOR 356 4 CREDITS
PreReq: BIOL 211
Note: Instructor permission required 1st week.
3714010 1 TR 11:00-11:50 MCMULLEN C
TR 12:10-1:00 MCMULLEN C
MEETS: AUG-DEC 15

3714015 2 TR 11:00-11:50 MCMULLEN C
TR 3:10-5:00 MCMULLEN C
MEETS: AUG-DEC 15

FOREST INSECT & DISEASES FOR 416 3 CREDITS
PreReq: 8 CR IN BIOL SCI, INCLUDING BIOL 211
3729005 MFN 2:10-3:00
MEETS: AUG-DEC 15

FOR INSECT & DISEASES LAB FOR 416L 1 CREDIT
3673005 M 3:10-6:00 PM
MEETS: AUG-DEC 15

URBAN FORESTRY FOR 475 3 CREDITS
PreReq: OR OR SR CLASSIFICATION, 3 CR IN BIOLOGY
5125005 A TR 10:00-11:50 THOMPSON J
B 3:10-6:00 PM THOMPSON J
MEETS: AUG-DEC 15

CR COMP FOR BIOLOGY FOR 599A 1-12 CREDITS
Note: Instructor permission required 1st week.

CR COMP FOR BIOMTRY FOR 599B 1-12 CREDITS
Note: Instructor permission required 1st week.

CR COMP FOR ECON FOR 599C 1-12 CREDITS
Note: Instructor permission required 1st week.

CR COMP FOR MGT & ADMIN FOR 599D 1-12 CREDITS
Note: Instructor permission required 1st week.

CRTV COMPO WOOD SCI FOR 599E 1-12 CREDITS
Note: Instructor permission required 1st week.

RESEARCH SEMINAR FOR 695 1 CREDIT

RESEARCH SEMINAR FOR 696 1 CREDIT
8834005 W 4:10-5:30
MEETS: AUG-DEC 15

FOREST BIOLOGY RSCH FOR 699A 1-12 CREDITS
Note: Instructor permission required 1st week.

FOR BIOMETRY RSCH FOR 699B 1-12 CREDITS
Note: Instructor permission required 1st week.

FOR ECONOMICS RSCH FOR 699C 1-12 CREDITS
Note: Instructor permission required 1st week.

FOR MGT & ADMIN RSCH FOR 699D 1-12 CREDITS
Note: Instructor permission required 1st week.

WOOD SCIENCE RSCH FOR 699E 1-12 CREDITS
Note: Instructor permission required 1st week.

RSCH PLANT PHYSIOLOGY FOR 699F 1-12 CREDITS

FRENCH

ELEMENTARY FRENCH I FRNCH 101 4 CREDITS
Note: STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS OF HIGH SCHOOLS FRENCH MAY NOT ENROLL IN 101.
3803005 1 MTWR 1:10-2:00
MEETS: AUG-DEC 15

3803010 2 MTWR 10:00-11:50
MEETS: AUG-DEC 15

3803020 3 MTWR 12:10-1:00
MEETS: AUG-DEC 15

3803025 4 MTWR 1:10-2:00
MEETS: AUG-DEC 15
### FRENCH

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**FRNCH WRITING&GRAMMAR**

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**FRENCH CONVERSATION**

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**FRENCH FOR PROFSNL**

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**INDEPENDENT STUDY**

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<td>2380005</td>
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### GENETICS

**GENETICS ORIENTATN**

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**PRINCIP OF GENETICS**

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**GENETICS LABORATORY**

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### G旄NE"
GENETICS - INTERDISCIPLINARY

SPECIAL TOPICS  GENET 590  VAR. CREDITS

WORKSHOP IN GENETICS  GENET 591  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
9313005  TR 4:10-5:00
MEETS: AUG 21-DEC 15

GRAD STUD NEMR GENE  GENET 690  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
9682005  1 W 3:10-4:00
MEETS: AUG 21-DEC 15

FACULTY SEMINAR GENET 691  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
9314005  M 12:10-1:00
MEETS: AUG 21-DEC 15

CONCEPTUAL FOUNDATIONS GENET 692  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
9315005  W 12:10-1:00
MEETS: AUG 21-DEC 15

GRAD RESEARCH ROTATION GENET 697  VAR. CREDITS
CB ARRANGED
MEETS: AUG 21-DEC 15

RESEARCH GENET 699  VAR. CREDITS

GENETICS, DEVELOPMENT & CELL BIOL

TRANSMISSION GENETICS  GDCB 510  3 CREDITS
Prereq: GEN 410 OR GODATE STANDING
2908005  1 TR 11:00-12:30
MEETS: AUG 21-DEC 15

PLANT METABOLISM  GDCB 513  2 CREDITS
Prereq: COURSES IN GENERAL CELL BIOLOGY AND
BIOCHEMISTRY
7122005  TR 3:10-5:00
MEETS: AUG 21-DEC 15

INTRODUCTION TO GENETICS  GDCB 524A  1 CREDIT
Prereq: COURSES IN GENERAL CELL BIOLOGY AND
BIOCHEMISTRY
7089005  1 TR 1:10-2:00
MEETS: AUG 21-DEC 15

INTRODUCTION TO CELL BIOLOGY  GDCB 524C  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
7096005  1 TR 11:00-12:30
MEETS: AUG 21-DEC 15

INTRODUCTION TO PROTEOMICS TCNQ  GDCB 524E  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
7212005  1 TR 1:10-2:00
MEETS: SEP 26-OCT 26

INTRODUCTION TO METABOLIC TCNQ  GDCB 524F  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
9034005  M 1:10-2:00
MEETS: AUG 21-DEC 15

FUNDAMENTALS OF GENETICS  GDCB 544  4 CREDITS
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT
8556005  1 MW 10:00-10:50
MEETS: AUG 21-DEC 15
R 1:10-3:00

8556010  2 MW 10:00-10:50
MEETS: AUG 21-DEC 15
R 3:10-5:00

SPECIAL TOPICS  GDCB 590  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEMINAR IN GENETICS  GDCB 690  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
7142005  T 4:10-6:00PM
MEETS: AUG 21-DEC 15

GEOL--ENGRS&ENV SCI  GEOL 201  3 CREDITS
Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED
Note: COURSE RESTRICTED TO EL ED MAJORS ONLY
8465005  ARRANGED
MEETS: AUG 21-DEC 15

GEMS AND GEMSTONES  GEOL 105  1 CREDIT
8854005  TR 9:30-10:20
MEETS: OCT 16-DEC 15

THE EARTH: LAB  GEOL 106L  1 CREDIT
Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED
Note: COURSE RESTRICTED TO EL ED MAJORS ONLY
8582005  3 M 10:00-11:50
MEETS: AUG 21-DEC 15

THE EARTH  GEOL 106  2 CREDITS
8582010  4 M 10:00-11:50
MEETS: AUG 21-DEC 15

INTRO OCEANOGRAPHY  GEOL 108  3 CREDITS
8582020  4 M 5:10-7:00PM
MEETS: AUG 21-DEC 15

GEOGRAPHY  GEOG 202  4 CREDITS
Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED
8965005  TR 11:00-12:30
MEETS: AUG 21-DEC 15

THE EARTH: LAB  GEOL 100L  1 CREDIT
8370005  A TR 11:00-12:30
MEETS: AUG 21-DEC 15

THE EARTH  GEOL 100  3 CREDITS
8370010  B M 11:00-12:30
MEETS: AUG 21-DEC 15

EDUCATION: CONCURRENT ENROLLMENT IN GEOG100/ASTRO 106

THE EARTH: LAB  GEOL 101  1 CREDIT
8759005  1 T 10:00-11:50
MEETS: AUG 21-DEC 15

8759010  2 T 1:10-3:00
MEETS: AUG 21-DEC 15

8759015  3 R 10:00-12:30
MEETS: AUG 21-DEC 15

8759020  4 R 1:10-3:00
MEETS: AUG 21-DEC 15

THE EARTH: LAB  GEOL 102L  1 CREDIT
8854005  TR 9:30-10:20
MEETS: OCT 16-DEC 15

THE EARTH: LAB  GEOL 102  2 CREDITS
8854010  2 TR 1:10-3:00
MEETS: OCT 16-DEC 15

THE EARTH: LAB  GEOL 103L  1 CREDIT
8854020  2 TR 2:10-4:00
MEETS: OCT 16-DEC 15

THE EARTH: LAB  GEOL 103  2 CREDITS
8854030  3 TR 3:10-5:00
MEETS: OCT 16-DEC 15

THE EARTH: LAB  GEOL 104L  1 CREDIT
8854040  4 TR 4:10-6:00PM
MEETS: OCT 16-DEC 15

THE EARTH: LAB  GEOL 104  3 CREDITS
8854050  5 TR 5:10-7:00PM
MEETS: OCT 16-DEC 15

THE EARTH: LAB  GEOL 105L  1 CREDIT
8854060  6 TR 6:10-8:00PM
MEETS: OCT 16-DEC 15

THE EARTH: LAB  GEOL 106L  1 CREDIT
8854070  7 TR 7:10-9:00PM
MEETS: OCT 16-DEC 15

THE EARTH: LAB  GEOL 107L  1 CREDIT
8854080  8 TR 8:10-10:00PM
MEETS: OCT 16-DEC 15

THE EARTH: LAB  GEOL 108L  1 CREDIT
8854090  9 TR 9:10-11:00PM
MEETS: OCT 16-DEC 15

THE EARTH: LAB  GEOL 109L  1 CREDIT
8854100  10 TR 10:10-12:00PM
MEETS: OCT 16-DEC 15
INDEPENDENT STUDY GEOL 490 1-3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS  

COOPERATIVE EDUC GEOL 298 R CREDIT  
Prereq: GEOL 100 OR GEOL 201, GEOL 100L, GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR; SOPH CLASSIFICATION  
4828005 ARRANGED  
MEETS: AUG 21-DEC 15  

GEOLOGY FIELD COURS GEOL 306 1-2 CREDITS  
Prereq: GEOL 100 OR GEOL 201, PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2017  
Instructor permission required.  
3871005 ARRANGED  
MEETS: AUG 21-DEC 15  

MINERALOGY & EARTH MTL GEOL 315 3 CREDITS  
Prereq: GEOL 100 OR GEOL 201, CHEM 177  
9041005 MWF 3:10-4:00 DAWSON J  
MEETS: AUG 21-DEC 15  

MINERALOGY LAB GEOL 315L 1 CREDIT  
Prereq: GEOL 100 OR GEOL 201  
9055005 T 10:00-11:50  
MEETS: AUG 21-DEC 15  

OPTICAL MINERALOGY GEOL 316 2 CREDITS  
Prereq: GEOL 100 OR GEOL 201, CHEM 177, CREDIT OR ENROLLMENT IN GEOL 315  
9062005 R 2:10-3:00  
R 3:10-5:00  
MEETS: AUG 21-DEC 15  

SEDIMENTARY GEOLOGY GEOL 368 4 CREDITS  
Prereq: GEOL 102  
3782005 1 MW 1:00-11:50  
HASIUK F  
R 9:00-11:50  
MEETS: AUG 21-DEC 15  
3782010 2 MW 1:00-11:50  
HASIUK F  
T 9:00-11:50  
MEETS: AUG 21-DEC 15  

COOPERATIVE EDUC GEOL 298 R CREDIT  
Prereq: GEOL 100 OR GEOL 201, GEOL 100L, GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR; SOPH CLASSIFICATION  
JUNIOR CLASSIFICATION  
4829005 ARRANGED  
MEETS: AUG 21-DEC 15  

WATERSHED HYDROLOGY GEOL 402 3 CREDITS  
Prereq: COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING  
4770005 1 MW 11:00-1:00  
FRANZ K  
MEETS: AUG 21-DEC 15  

HYDROGEOLOGY GEOL 411 4 CREDITS  
Prereq: COURSES IN BIOLOGICAL OR PHYSICAL SCIENCES  
3118005 A MW 9:00-9:50 SIMPKINS W  
R 11:10-1:50  
MEETS: AUG 21-DEC 15  

GTOP FOR GEOSCIENTIST GEOL 452 3 CREDITS  
Prereq: GEOL 100, GEOL 201 OR EQUIVALENT  
3092005 MW 3:10-4:00  
HARDING C  
MW 4:10-5:00  
MEETS: AUG 21-DEC 15  

SURFICIAL PROCESSES GEOL 479 3 CREDITS  
Prereq: GEOL 100 OR GEOL 201 OR EQUIVALENT  
EXPERIENCE  
8804005 1 MW 10:00-10:50  
IVERSON N  
F 12:10-3:00  
MEETS: AUG 21-DEC 15  

SURV REMOTE SNS TEC GEOL 489 3 CREDITS  
Prereq: COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING  
9754005 MW 10:00-10:50  
MEETS: AUG 21-DEC 15  

SATELL RMT SENS LAB GEOL 489L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489 OR NREM 589 OR E 489 OR E 589  
5244005 T 9:00-11:50  
MEETS: AUG 21-DEC 15  

INDEPENDENT STUDY GEOL 490 1-3 CREDITS  
Prereq: 6 CR IN GEOLOGY & PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE APPLIED TOWARD GRADUATION  
******* SEE DEPT FOR REFERENCE NUMBERS  

UNDERGRAD SEMINAR GEOL 495 1 CREDIT  
Prereq: JUNIOR OR SENIOR CLASSIFICATION  
8231005 T 4:10-5:30  
MEETS: AUG 21-DEC 15  

COOPERATIVE EDUCATION GEOL 498 R CREDIT  
Prereq: GEOL 100 OR GEOL 201, GEOL 100L, GEOL 102, GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR; SENIOR CLASSIFICATION  
4830005 ARRANGED  
MEETS: AUG 21-DEC 15  

WATERSHED HYDROLOGY GEOL 502 3 CREDITS  
Prereq: COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING  
6286005 MW 11:00-11:50  
FRANZ K  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  

GEOLOGY FIELD COURS GEOL 506 1-2 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
Note: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2017  
Instructor permission required.  
7600005 ARRANGED  
MEETS: AUG 21-DEC 15  

HYDROGEOLOGY GEOL 511 4 CREDITS  
Prereq: COURSES IN BIOLOGICAL OR PHYSICAL SCIENCES  
Satisfactory-Fail Only.  
7601005 A MW 9:00-9:50 SIMPKINS W  
R 1:10-3:00  
MEETS: AUG 21-DEC 15  

GIS FOR GEOSCIENTIST GEOL 552 3 CREDITS  
Prereq: GEOL 100, GEOL 201 OR EQUIVALENT  
3206005 MW 3:10-5:00  
HARDING C  
MW 4:10-6:00  
MEETS: AUG 21-DEC 15  

SURFICIAL PROCESSES GEOL 579 3 CREDITS  
Prereq: COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING  
9754005 MW 10:00-10:50  
MEETS: AUG 21-DEC 15  

MINERALOGY & EARTH MTL GEOL 315 3 CREDITS  
Prereq: COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES  
3118005 A MW 9:00-9:50 SIMPKINS W  
R 11:10-1:50  
MEETS: AUG 21-DEC 15  

GEOLOGY FIELD COURS GEOL 506 1-2 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
Note: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2017  
Instructor permission required.  
7600005 ARRANGED  
MEETS: AUG 21-DEC 15  

MINERALOGY LAB GEOL 315L 1 CREDIT  
Prereq: GEOL 100 OR GEOL 201  
9055005 T 10:00-11:50  
MEETS: AUG 21-DEC 15  

WATERSHED HYDROLOGY GEOL 402 3 CREDITS  
Prereq: COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING  
4770005 1 MW 11:00-1:00  
FRANZ K  
MEETS: AUG 21-DEC 15  

SURFICIAL PROCESSES GEOL 479 3 CREDITS  
Prereq: GEOL 100 OR GEOL 201 OR EQUIVALENT  
EXPERIENCE  
8804005 1 MW 10:00-10:50  
IVERSON N  
F 12:10-3:00  
MEETS: AUG 21-DEC 15  

SURV REMOTE SNS TEC GEOL 489 3 CREDITS  
Prereq: COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING  
9754005 MW 10:00-10:50  
MEETS: AUG 21-DEC 15  

SATELL RMT SENS LAB GEOL 489L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489 OR NREM 589 OR E 489 OR E 589  
5244005 T 9:00-11:50  
MEETS: AUG 21-DEC 15  

INDEPENDENT STUDY GEOL 490 1-3 CREDITS  
Prereq: 6 CR IN GEOLOGY & PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE APPLIED TOWARD GRADUATION  
******* SEE DEPT FOR REFERENCE NUMBERS
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>GEOL 590J</td>
<td>Top Min. Resource</td>
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<td>GEOL 590K</td>
<td>Top Geophysics</td>
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<td>GEOL 590L</td>
<td>Top Mineralogy</td>
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<td>Tectonics</td>
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<td>GEOL 590N</td>
<td>Paleoclimatology</td>
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<td>GEOL 590O</td>
<td>Computer Geology</td>
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<td>GEOL 590P</td>
<td>Oceanography</td>
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<tr>
<td>GEOL 595B</td>
<td>Graduate Seminar</td>
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**German**

<table>
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<tr>
<th>Course Code</th>
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<tr>
<td>GER 101</td>
<td>Elementary German I</td>
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<tr>
<td>GER 202</td>
<td>Intermediate German I</td>
<td>4</td>
</tr>
<tr>
<td>GER 304</td>
<td>German for Professionals</td>
<td>3</td>
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<tr>
<td>GER 330</td>
<td>German Literature</td>
<td>3</td>
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<tr>
<td>GER 301</td>
<td>Read: Prob Early 20C</td>
<td>3</td>
</tr>
<tr>
<td>GER 375</td>
<td>Reading: Prob Early 20C</td>
<td>3</td>
</tr>
<tr>
<td>GER 377</td>
<td>Reading: Prob Early 20C</td>
<td>3</td>
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</tbody>
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**Notes:**
- **Elementary German I:** GER 101
  - Note: Students who have completed one or more years of high school German may not enroll in 101. Textbook available if also registered.
  - Prereq: GER 102
- **Intermediate German I:** GER 201
  - Note: Tests not available if also registered.
  - Prereq: GER 202
- **German for Professionals:** GER 304
  - Note: Meets international perspectives reqmtn
- **German Literature:** GER 330
  - Note: No more than six credits of GER 330 may be applied toward graduation in the major.
  - Prereq: GER 301 or permission of instructor
- **Read: Prob Early 20C:** GER 301
  - Prereq: GER 202
  - Note: Meets international perspectives reqmtn
- **Reading: Prob Early 20C:** GER 375
  - Note: Meets international perspectives reqmtn
  - Prereq: GER 377
- **Reading: Prob Early 20C:** GER 377
  - Note: Meets international perspectives reqmtn
  - Prereq: GER 377
- **German Literature:** GER 330
  - Note: No more than six credits of GER 330 may be applied toward graduation in the major.
  - Prereq: GER 301 or permission of instructor
  - Meets international perspectives reqmtn
- **Reading: Prob Early 20C:** GER 375
  - Note: Meets international perspectives reqmtn
  - Prereq: GER 377
- **Reading: Prob Early 20C:** GER 377
  - Note: Meets international perspectives reqmtn
  - Prereq: GER 377
- **German Literature:** GER 330
  - Note: No more than six credits of GER 330 may be applied toward graduation in the major.
  - Prereq: GER 301 or permission of instructor
  - Meets international perspectives reqmtn
- **Reading: Prob Early 20C:** GER 375
  - Note: Meets international perspectives reqmtn
  - Prereq: GER 377
- **Reading: Prob Early 20C:** GER 377
  - Note: Meets international perspectives reqmtn
  - Prereq: GER 377

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**Independent Study:** GER 490
- 1-6 credits
- Prereq: 6 cr in German; permission of department chair
- Note: No more than 9 credits of GER 490 may be applied toward graduation.
GLOBAL RESOURCE SYSTEMS (CONTINUED)

AGSLB NAT RSRCS GLOBE 303 3 CREDITS
6146005 TR 12:40-2:00 MEETS: AUG 21-DEC 15

INTERNSHIP - GLOBAL GLOBE 321 3-6 CREDITS
Prereq: GLOBE 320; JR. OR SR. CLASSIFICATION IN GLOBAL RESOURCE SYSTEMS MAJOR; PERMISSION OF INSTRUCTOR AND APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 12 CREDITS OF GLOBE 321 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS. COURSE ONLY OFFERED FOR 3 CREDITS FALL 2016.
8676050 W 4:10-5:00, ARRANGED MEETS: AUG 21-DEC 15

INTERNSHIP - U.S. GLOBE 323 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 323 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS. COURSE ONLY OFFERED FOR 3 CREDITS FALL 2017.
8684005 W 4:30-5:00, ARRANGED MEETS: AUG 21-DEC 15

COOPERATIVE EDUCATION GLOBE 398 R CREDIT
Prereq: PERMISSION OF FACULTY COORDINATOR FOR THE MAJOR, COMPLETION OF COOPERATIVE EDUCATION APPROVAL FORM, REGISTRATION IN GLOBE 398X PRIOR TO COMMENCING WORK PERIOD
Satisfactory-Fail Only.
9743005 ARRANGED MEETS: AUG 21-DEC 15

SENIOR PROJECT GLOBE 401 3 CREDITS
Prereq: SENIOR CLASSIFICATION IN GLOBE
6799005 F 2:10-3:00, ARRANGED MEETS: AUG 21-DEC 15

SENIOR PROJ HONORS GLOBE 401H 3 CREDITS
8914005 F 2:10-3:00, ARRANGED MEETS: AUG 21-DEC 15

INDEPENDENT STUDY GLOBE 490A 1-4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
***** SEE DEPT FOR REFERENCE NUMBERS

IND STUY ENTREPRENR GLOBE 490E 1-4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
8687005 ARRANGED MEETS: AUG 21-DEC 15

INDEP STUDY HONORS GLOBE 490H 1-4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
6817005 ARRANGED MEETS: AUG 21-DEC 15

IND STUY SERVICE LRN GLOBE 490Z 1-4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
8623005 ARRANGED W 5:10-6:30PM MEETS: AUG 21-DEC 15

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS
6903005 ARRANGED MEETS: AUG 21-DEC 15

GRADUATE STUDIES

PREP PUBLSHBL THSIS GR ST 529 3 CREDITS
Prereq: INSTRUCTOR PERMISSION
9736005 1 TR 11:00-12:15 MEETS: AUG 21-DEC 15
Note: Instructor permission required.

9736010 2 ARRANGED MEETS: AUG 21-DEC 15
Note: Instructor permission required.

RSBL RSRCS CONDUCT GR ST 565 1 CREDIT
7866005 1 W 11:00-11:50 MEETS: AUG 21-DEC 15
7866010 2 W 3:10-4:00 MEETS: AUG 21-DEC 15
7866015 3 R 3:10-4:00 MEETS: AUG 21-DEC 15
7866020 4 W 1:10-2:00 MEETS: AUG 21-DEC 15
7866025 5 T 3:10-4:00 MEETS: AUG 21-DEC 15
MEETS: AUG 21-DEC 15
5281015   C ARRANGED, MW 8:00-9:50
MEETS: AUG 21-DEC 15
5281010   B ARRANGED, MW 8:00-9:50
MEETS: AUG 21-DEC 15
5281005   A ARRANGED, MW 8:00-9:50

Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.

GRAPHIC TECHNOLOGY I   ARTGR 275   2 CREDITS
MEETS: AUG 21-DEC 15
5281020   D ARRANGED, MW 8:00-9:50
MEETS: AUG 21-DEC 15
5281015   C ARRANGED, MW 8:00-9:50
MEETS: AUG 21-DEC 15
5281010   B ARRANGED, MW 8:00-9:50
MEETS: AUG 21-DEC 15
5281005   A ARRANGED, MW 8:00-9:50

Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.

VISUAL COMMUNICATION   ARTGR 281   3 CREDITS
MEETS: AUG 21-DEC 15
6024010   2 T 2:10-3:30, ARRANGED
MEETS: AUG 21-DEC 15
6024015   3 R 2:10-3:30, ARRANGED
MEETS: AUG 21-DEC 15
6024020   4 R 2:10-3:30, ARRANGED
MEETS: AUG 21-DEC 15

Note: THE ARRANGED TIME REPRESENTS WWW
Note: THE ARRANGED TIME REPRESENTS WWW

WEB DSGN E-COMMERCE   ARTGR 478   3 CREDITS
MEETS: AUG 21-DEC 15
1888005   A TR 2:10-5:00
MEETS: AUG 21-DEC 15

Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY

STUDIES IN GRPH DSN   ARTGR 484   1-3 CREDITS
MEETS: AUG 21-DEC 15
1819020   D MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819015   C MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819010   B MW 10:00-12:50
MEETS: AUG 21-DEC 15

Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY

Satisfactory-Fail Only.

Note: SECTION C RESTRICTED TO ARTGR MAJORS

Note: SECTION B RESTRICTED TO ARTGR MAJORS

Note: SECTION A RESTRICTED TO ARTGR MAJORS

GRAPHIC DESIGN STUDIO III   ARTGR 370   3 CREDITS
MEETS: AUG 21-DEC 15
1833005   A MWF 1:10-2:00
MEETS: AUG 21-DEC 15
1819005   A MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819010   B MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819015   C MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819020   D MW 10:00-12:50
MEETS: AUG 21-DEC 15

Note: THE ARRANGED TIME REPRESENTS WWW

GRAPHIC DESIGN STUDIO V   ARTGR 470   3 CREDITS
MEETS: AUG 21-DEC 15
1819005   A MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819010   B MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819015   C MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819020   D MW 10:00-12:50
MEETS: AUG 21-DEC 15

Note: THE ARRANGED TIME REPRESENTS WWW

GRAPHIC DESIGN STUDIO III   ARTGR 370   3 CREDITS
MEETS: AUG 21-DEC 15
1833005   A MWF 1:10-2:00
MEETS: AUG 21-DEC 15
1819005   A MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819010   B MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819015   C MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819020   D MW 10:00-12:50
MEETS: AUG 21-DEC 15

Note: THE ARRANGED TIME REPRESENTS WWW

GRAPHIC DESIGN STUDIO V   ARTGR 470   3 CREDITS
MEETS: AUG 21-DEC 15
1819005   A MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819010   B MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819015   C MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819020   D MW 10:00-12:50
MEETS: AUG 21-DEC 15

Note: THE ARRANGED TIME REPRESENTS WWW

GRAPHIC DESIGN STUDIO III   ARTGR 370   3 CREDITS
MEETS: AUG 21-DEC 15
1833005   A MWF 1:10-2:00
MEETS: AUG 21-DEC 15
1819005   A MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819010   B MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819015   C MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819020   D MW 10:00-12:50
MEETS: AUG 21-DEC 15

Note: THE ARRANGED TIME REPRESENTS WWW

GRAPHIC DESIGN STUDIO V   ARTGR 470   3 CREDITS
MEETS: AUG 21-DEC 15
1819005   A MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819010   B MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819015   C MW 10:00-12:50
MEETS: AUG 21-DEC 15
1819020   D MW 10:00-12:50
MEETS: AUG 21-DEC 15

Note: THE ARRANGED TIME REPRESENTS WWW

GRAPHIC DESIGN STUDIO III   ARTGR 370   3 CREDITS
MEETS: AUG 21-DEC 15
1833005   A MWF 1:10-2:00
MEETS: AUG 21-DEC 15
1819005   A MW 10:00-12:50
FALL 2017

GRAPHIC DESIGN (CONTINUED)

IND ST THEORY, CRIT ARTRG 510X 3 CREDITS
PreReq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION
*** SEE DEPT FOR REFERENCE NUMBERS

GRAPHIC DESIGN THEORY ARTRG 510X 3 CREDITS
PreReq: GRADUATE CLASSIFICATION, PERMISSION OF INSTRUCTOR
5947005 M W 11:00-12:50
MEETS: AUG 21-DEC 15

GRAPHIC DESIGN STUDIO I ARTRG 511X 3 CREDITS
PreReq: GRADUATE CLASSIFICATION, PERMISSION OF INSTRUCTOR
6006005 M 9:00-11:30
MEETS: AUG 21-DEC 15

AUDIENCE & PERCEPTN ARTRG 512X 3 CREDITS
PreReq: GRADUATE CLASSIFICATION, PERMISSION OF INSTRUCTOR
6038005 TR 10:00-12:50
MEETS: AUG 21-DEC 15

DIGITAL IMAGING ARTRG 564 3 CREDITS
PreReq: CONCURRENT ENROLLMENT IN ARTRG 370 OR ARTRG 470
2169005 TR 2:10-5:00
MEETS: AUG 21-DEC 15

ADV STU VISUAL COMM ARTRG 570 3 CREDITS
PreReq: GRADUATE CLASSIFICATION IN COLLEGE OF DESIGN
Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
1909015 TR 10:00-11:50
MEETS: AUG 21-DEC 15

EXHIBITION DESIGN ARTRG 574 3 CREDITS
PreReq: CONCURRENT ENROLLMENT IN ARTRG 370 OR ARTRG 470 OR GRADUATE CLASSIFICATION IN THE COLLEGE OF DESIGN
2047005 M 2:10-5:00
MEETS: AUG 21-DEC 15

ADVANCED TYPOGRAPHY ARTRG 575 3 CREDITS
PreReq: CONCURRENT ENROLLMENT IN ARTRG 370 OR ARTRG 470 OR GRADUATE CLASSIFICATION IN THE COLLEGE OF DESIGN
2113005 A TR 2:10-5:00
MEETS: AUG 21-DEC 15

GRAPHIC DESIGN METHODOL ARTRG 576 3 CREDITS
PreReq: CONCURRENT ENROLLMENT IN ARTRG 370 OR ARTRG 470 OR GRADUATE CLASSIFICATION IN THE COLLEGE OF DESIGN
2058005 TR 2:10-5:00
MEETS: AUG 21-DEC 15

DSGN FOR E-COMMERCE ARTRG 578 3 CREDITS
PreReq: CONCURRENT ENROLLMENT IN ARTRG 370 OR ARTRG 470 OR GRADUATE CLASSIFICATION IN THE COLLEGE OF DESIGN
2121005 M 2:10-5:00
MEETS: AUG 21-DEC 15

STUDIES IN GRAPHIC DESIGN ARTRG 584 1-3 CREDITS
PreReq: GRADUATE CLASSIFICATION IN COLLEGE OF DESIGN
Note: COURSE OFFERED FOR 3 CREDITS FALL 2017
8262005 1 TR 12:40-3:30
MEETS: AUG 21-DEC 15

GRAPHIC DESIGN (CONTINUED)

GRPH DSN HIST/THY I ARTRG 587 3 CREDITS
PreReq: GRADUATE CLASSIFICATION
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTRG, ARTID, ARTIS, IND D MAJORS
7561005 A MF 11:00-2:00
MEETS: AUG 21-DEC 15

SPL TOPCS THRY,CRIT ARTRG 590A VAR. CREDITS
PreReq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTRG, ARTID, ARTIS, IND D MAJORS
*** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 2-DIMEN DSN ARTRG 590B VAR. CREDITS
PreReq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTRG, ARTID, ARTIS, IND D MAJORS
*** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 3-DIMEN DSN ARTRG 590C VAR. CREDITS
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Note: COURSE RESTRICTED TO GRADUATE A V C, ARTRG, ARTID, ARTIS, IND D MAJORS
*** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - THESIS ARTRG 599 VAR. CREDITS
*** SEE DEPT FOR REFERENCE NUMBERS

HEALTH STUDIES

1ST AID &EMERG CARE H S 105 2 CREDITS
4081005 1A MF 10:00-10:50
MEETS: AUG 21-DEC 15

1ST AID &EMERG CARE H S 105 2 CREDITS
4081010 1B MF 11:00-11:50
MEETS: AUG 21-DEC 15

1ST AID &EMERG CARE H S 105 2 CREDITS
4081015 2A MF 12:00-12:50
MEETS: AUG 21-DEC 15

1ST AID &EMERG CARE H S 105 2 CREDITS
4081020 2B MF 11:00-11:50
MEETS: AUG 21-DEC 15

1ST AID &EMERG CARE H S 105 2 CREDITS
4081025 3A MF 12:00-12:50
MEETS: AUG 21-DEC 15

1ST AID &EMERG CARE H S 105 2 CREDITS
4081030 3B MF 1:00-1:50
MEETS: AUG 21-DEC 15

1ST AID &EMERG CARE H S 105 2 CREDITS
4081035 4A TR 11:00-12:00
MEETS: AUG 21-DEC 15

1ST AID &EMERG CARE H S 105 2 CREDITS
4081040 4B TR 12:00-12:50
MEETS: AUG 21-DEC 15

1ST AID &EMERG CARE H S 105 2 CREDITS
4081045 5A TR 1:00-1:50
MEETS: AUG 21-DEC 15

1ST AID &EMERG CARE H S 105 2 CREDITS
4081050 5B TR 2:00-2:50
MEETS: AUG 21-DEC 15

PERSONAL AND CONSUMER HLTH H S 110 3 CREDITS
4082001 1A MF 9:00-9:50
MEETS: AUG 21-DEC 15

PERSONAL AND CONSUMER HLTH H S 110 3 CREDITS
4082010 1B MF 9:00-9:50
MEETS: AUG 21-DEC 15

PERSONAL AND CONSUMER HLTH H S 110 3 CREDITS
4082015 2A MF 10:00-10:50
MEETS: AUG 21-DEC 15

PERSONAL AND CONSUMER HLTH H S 110 3 CREDITS
4082020 2B MF 11:00-11:50
MEETS: AUG 21-DEC 15

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4082035 3A MF 10:00-10:50
MEETS: AUG 21-DEC 15

PERSONAL AND CONSUMER HLTH H S 110 3 CREDITS
4082040 4A MF 11:00-11:50
MEETS: AUG 21-DEC 15
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### Special Topics

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### Historical, Philosophical & Comp Ed

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CHINESE CIVILIZATN HIST 207 3 CREDITS
Note: Meets international perspectives reqmt
4152005 TR 11:00-12:30
MEETS: AUG 21-DEC 15

SURVEY U.S. HIST I HIST 221 3 CREDITS
4155005 1 MW 9:00-9:50
4155010 2 MW 9:00-9:50
4155015 3 MW 9:00-9:50
4155020 4 MW 9:00-9:50
4155025 5 MW 9:00-9:50
4155030 6 MW 9:00-9:50
4155035 7 MW 9:00-9:50
4155040 8 MW 9:00-9:50
MEETS: AUG 21-DEC 15

INTRO ASIAN AMER STU HIST 225 3 CREDITS
Note: Meets U.S. diversity reqmt
9579005 TR 12:40-2:00
MEETS: AUG 21-DEC 15

INTRO HIST OF SCI I HIST 280 3 CREDITS
Note: Meets international perspectives reqmt
4161005 TR 12:40-2:00
MEETS: AUG 21-DEC 15

WONDRS WLD GLB INNV HIST 284 3 CREDITS
Note: Meets international perspectives reqmt
4163005 TR 12:40-2:00
MEETS: AUG 21-DEC 15

ENGLAND 1525-1700 HIST 325 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
4169005 TR 2:10-3:30
MEETS: AUG 21-DEC 15

CHINA 1644-1912 HIST 336 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
4171005 TR 11:00-12:30
MEETS: AUG 21-DEC 15

HIST LATIN AMERIC I HIST 340 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
4174005 TR 11:00-12:20
MEETS: AUG 21-DEC 15

EARLY AMER REPUBLIC HIST 355 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
4216005 MWF 11:00-11:50
MEETS: AUG 21-DEC 15

U.S. HIST 1900-1945 HIST 360 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
4219005 MWF 12:10-1:00
MEETS: AUG 21-DEC 15

AMERICAN EATS HIST 367 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
6065005 MWF 2:10-3:00
MEETS: AUG 21-DEC 15

SURVEY U.S. HIST II HIST 222 3 CREDITS
4136005 1 MW 10:00-10:50
4156010 2 MW 10:00-10:50
4156015 3 MW 10:00-10:50
4156020 4 MW 10:00-10:50
4156025 5 MW 10:00-10:50
4156030 6 MW 10:00-10:50
4156035 7 MW 10:00-10:50
4156040 8 MW 10:00-10:50
MEETS: AUG 21-DEC 15

HIST OF AMER WOMEN HIST 386 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
Meets U.S. diversity reqmt
4187005 MWF 1:10-2:00
MEETS: AUG 21-DEC 15

AMERI MILITARY HIST HIST 389 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
Meets international perspectives reqmt
4189005 MWF 9:00-9:50
MEETS: AUG 21-DEC 15

WORLD MILITARY HIST HIST 390 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
Meets international perspectives reqmt
4190005 TR 12:40-2:00
MEETS: AUG 21-DEC 15

GREEK CIVILIZATION HIST 402 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
Meets international perspectives reqmt
4192005 MW 3:10-4:30
MEETS: AUG 21-DEC 15

BIRTH EUR MDDL AGES HIST 406 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
4035005 TR 12:40-2:00
MEETS: AUG 21-DEC 15

HIST MODERN FRANCE HIST 419 3 CREDITS
4195005 TR 12:40-2:00
MEETS: AUG 21-DEC 15

ENGLAND 1850-1914 HIST 421 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
Meets international perspectives reqmt
4204005 MWF 12:10-1:00
MEETS: AUG 21-DEC 15

HIST MODERN GERMANY HIST 424 3 CREDITS
41735005 MWF 9:00-9:50
MEETS: AUG 21-DEC 15

COLONIAL AMERICA HIST 450 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
Instructor permission required 1st week.
7968005 TR 9:10-10:10
MEETS: AUG 21-DEC 15

THE RURAL SOUTH HIST 461 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
8908005 W 6:10-9:30PM
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Horticulture

ProEdCacnl Develop Hort 110 1 Credit

Prereq: HORT 221 or AGRON 114 or 3 Credits

Note: RESTRICTED TO HORT MAJORS - FOR HORT DESIGN OPTION MAJORS ONLY. OTHERS BY PERMISSION OF INSTRUCTOR.

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### Horticulture

#### INDSTY NURS CROPS HORT 490B VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION.

#### INDSTY TURFGRASS HORT 490C VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION.

#### INDSTY FRUIT CROPS HORT 490D VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION.

#### INDSTY CROSS-COMMOD HORT 490F VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION.

#### INDSTY LANDSCP HORT HORT 490G VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION.

#### INDEP STUDY HONORS HORT 490H VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS INSTITUTE.

#### SEED SCI INTERNSHIP HORT 491 1-2 CREDITS
Prereq: AGRON 338, ADVANCED APPROVAL AND PARTICIPATION OF EMPLOYER AND INSTRUCTOR
Note: Instructor permission required.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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### HORTICULTURE

#### INDSTY NURS CROPS HORT 490B VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION.

#### INDSTY TURFGRASS HORT 490C VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION.

#### INDSTY FRUIT CROPS HORT 490D VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION.

#### INDSTY CROSS-COMMOD HORT 490F VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION.

#### INDSTY LANDSCP HORT HORT 490G VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION.

#### INDEP STUDY HONORS HORT 490H VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS INSTITUTE.

#### SEED SCI INTERNSHIP HORT 491 1-2 CREDITS
Prereq: AGRON 338, ADVANCED APPROVAL AND PARTICIPATION OF EMPLOYER AND INSTRUCTOR
Note: Instructor permission required.

### Hospitality Management

#### INTRO HOSPITALITY INDUS HSP M 101 3 CREDITS
Note: SECTION 1A RESTRICTED TO HSP M, EVENT MAJORS ONLY
Course delivery is WW

#### INTRO TO CASINO MGT HSP M 201 3 CREDITS
Note: SECTION 1A RESTRICTED TO HSP M, EVENT MAJORS ONLY
Course delivery is WW

#### HSPLY PFM ONLY HSP M 230 3 CREDITS
Note: COURSE RESTRICTED TO HSP M MAJORS ONLY
Course delivery is WW
HOSPITALITY MANAGEMENT (CONTINUED)

HOSP SANITAT&SAFETY  HSP M 233  3 CREDITS
Note: CREDIT FOR EITHER HSP M 392, OR HSP M 233 AND HSP M 313 MAY BE APPLIED TOWARD GRADUATION
4435005  1A TR 9:30-10:50
MEETS: AUG 21-DEC 15
4435010  1B TR 9:30-10:50
MEETS: AUG 21-DEC 15
GLOBAL TOURISM MGT  HSP M 260  3 CREDITS
Note: Meets international perspectives regmt
6738005  1A ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO EVENT, HSP M MAJORS
Note: Course delivery is WWW
6738010  1B ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN EVENT, HSP M
Note: Meets international perspectives regmt

CONTMPARY CLUB MGT  HSP M 289  3 CREDITS
Prereq: HSP M 101
9247005  1A MWF 10:00-10:50
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO HRI MAJORS ONLY
9247010  1B MWF 10:00-10:50
MEETS: AUG 21-DEC 15
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN EVENT, HSP M
Note: Course delivery is WWW

HOSPITALITY MANAGEMENT (CONTINUED)

INTRO WINE,BEER LAB  HSP M 383L  1 CREDIT
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN HSP M 383; MUST BE AT LEAST 21 YEARS OLD
8018005  1 F 1:10-3:00
MEETS: AUG 21-DEC 15
FOODSERV SYS MGM I  HSP M 391  3 CREDITS
Prereq: CR OR ENROLLMENT IN HSP M 380, HSP M 380L
Note: CREDIT IN HSP M 391 MAY NOT BE APPLIED TOWARD THE DEGREE REQUIREMENTS FOR THE MAJOR IN HOSPITALITY MANAGEMENT. CREDIT IN EITHER HSP M 391, OR AESHM 438 AND HSP M 391 IN COMBINATION WITH EITHER AESHM 438 OR 438H, MAY BE APPLIED TOWARD GRADUATION.
7618005  1 TR 2:10-3:30
MEETS: AUG 21-DEC 15
HOSPITALITY MANAGEMENT
(continued)

SP TOP HOSP MGT HSP M 590B VAR. CREDITS
Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT.
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LODGING OPER HSP M 590D VAR. CREDITS
Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT.
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CMMRCS FDSRV HSP M 590E VAR. CREDITS
Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT.
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HSP M 599 VAR. CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

ADMINISTRATION PROBLEMS HSP M 608 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR; ENROLLMENT IN P.D. PROGRAM
Note: COURSE OFFERED FOR 1-2 CREDITS FALL 2017 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.
4399005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

SEM MARKETING THOUGHTS HSP M 640 3 CREDITS
Prereq: HSP M 540; STAT 401; ENROLLMENT IN P.D. PROGRAM
5331005 ARRANGED
MEETS: AUG 21-DEC 15

RES SMNLR TOURISM MGT HSP M 660 3 CREDITS
Prereq: ENROLLMENT IN P.D. PROGRAM
4014005 1 ARRANGED
MEETS: AUG 21-DEC 15

ADVANCED HOSP MGT HSP M 690B VAR. CREDITS
Prereq: ENROLLMENT IN P.D. PROGRAM; SUBMISSION OF APPLICATION TO DEPARTMENT.
******** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC LODGING HSP M 690D VAR. CREDITS
Prereq: ENROLLMENT IN P.D. PROGRAM; SUBMISSION OF APPLICATION TO DEPARTMENT.
******** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HSP M 699 VAR. CREDITS
Prereq: ENROLLMENT IN P.D. PROGRAM
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

HUMAN COMPUTER INTERACTION

COGNITIVE HUMN & CPTR HCI 521 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION
1875005 A TR 9:30-10:45
MEETS: AUG 21-DEC 15

OPTMZ MTHD CPLX DSN HCI 525 3 CREDITS
Prereq: ENGR 160, MATH 265
6896005 A TR 2:30-3:23
MEETS: AUG 21-DEC 15

VIRTUAL ENVIROAPP HCI 580 3 CREDITS
Prereq: SENIOR OR GRADUATE STATUS
9420005 MW 1:10-2:23
MEETS: AUG 21-DEC 15

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

SEM HUMN CPR NATRACT HCI 591 1 CREDIT
3509005 A 12:10-1:00
MEETS: AUG 21-DEC 15

CREATIVE COMPONENT HCI 599 3 CREDITS
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

COGNITIVE ENGINEERING HCI 681 3 CREDITS
Prereq: 1 E 577 OR PSYCH 515 OR HCI 521 OR PSYCH 521 OR EQUIVALENT OR INSTRUCTOR PERMISSION
8194005 TR 12:40-2:00
MEETS: AUG 21-DEC 15

HCI INTERNSHIP HCI 697 3 CREDITS
Prereq: GRAD CLASSIFICATION, PERMISSION OF DIRECTOR OF GRADUATE EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

HUMAN COMPUTER INTERACTION
(continued)

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

HUMAN DEVELOPMENT & FAMILY STUDIES

DEVELOPMENTAL PSYCH HD FS 102 3 CREDITS
3491005 1 TR 9:00-10:15
MEETS: AUG 21-DEC 15
Syllabus: http://www.hs.iastate.edu/online/

3491010 2 TR 9:00-10:15
MEETS: AUG 21-DEC 15
Syllabus: http://www.hs.iastate.edu/online/

3491015 3 WM 2:10-3:30
MEETS: AUG 21-DEC 15

3491600 XW ARRANGED
MEETS: AUG 21-DEC 15
Note: Section XW is off campus.
Course delivery is WWW.

PRO PRIN WKR W CHLD HD FS 103 .5 CREDIT
Note: COURSE RESTRICTED TO CH FS, E C P, ECE, F C PDS MAJORS ONLY. CREDIT FOR EITHER HD FS 103 OR HD FS 105, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Satisfactory-Fail Only.
4950005 ARRANGED
MEETS: AUG 21-DEC 15

PRO PRIN WKR W ADLT HD FS 105 .5 CREDIT
Note: COURSE RESTRICTED TO CH FS, ECE, F C PDS, E C P MAJORS ONLY. CREDIT FOR EITHER HD FS 103 OR HD FS 105, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Satisfactory-Fail Only.
4951005 ARRANGED
MEETS: AUG 21-DEC 15

LRN CMNTY ORIENTAT HD FS 110 1 CREDIT
Prereq: MEMBERSHIP IN HD FS LEARNING COMMUNITY
Note: COURSE RESTRICTED TO CH FS, ECE, F C PDS FRESHMEN.
5975005 MW 11:00-11:50
MEETS: AUG 21-DEC 15
Syllabus: http://www.hs.iastate.edu/online/

NEW TRNSFR STU SMNLR HD FS 111 1 CREDIT
Prereq: CLASSIFICATION AS A CH FS, F C P DS OR E C P MAJORS
Note: COURSE RESTRICTED TO CH FS, E C P DS, F C P DS MAJORS
Satisfactory-Fail Only.
7003005 M 2:10-3:30
MEETS: AUG 21-DEC 15

PRSNL FIN ERLY ADLT HD FS 183 1 CREDIT
Satisfactory-Fail Only.
7594600 XV ARRANGED
MEETS: OCT 16-DEC 15
Note: Section XV is off campus.
Course delivery is WWW.

Syllabus: http://www.hs.iastate.edu/online/

7594605 XW ARRANGED
MEETS: AUG 21-DEC 15

ECE TEACHER ORIENTN HD FS 208 1 CREDIT
Satisfactory-Fail Only.
4390100 2 T 8:00-8:50
MEETS: AUG 21-DEC 15
Note: SECTION 2 RESTRICTED TO ECE MAJORS ONLY

PRO ORIENT & SVC LRN HD FS 218 2 CREDITS
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN HD FS 101. CLASSIFICATION AS A CH FS MAJOR.
Note: COURSE RESTRICTED TO CH FS, ECE, F C PDS, E C P DS, F C P DS MAJORS
Satisfactory-Fail Only.
2190005 W 12:10-2:00
MEETS: AUG 21-DEC 15
Syllabus: http://www.hs.iastate.edu/online/

Syllabus: http://www.hs.iastate.edu/online/

CHILD DEVEL&PWRTH HD FS 223 3 CREDITS
1293600 XW ARRANGED
MEETS: AUG 21-DEC 15
Note: Section XW is off campus.
Course delivery is WWW.

DEVELOPMENTAL 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
MEETS: AUG 21-DEC 15
Note: SECTION 1 RESTRICTED TO CH FS, ECE, F C PDS MAJORS
7011010 2 TR 12:40-2:00
T 9:00-10:50
MEETS: AUG 21-DEC 15
Note: SECTION 2 RESTRICTED TO CH FS, ECE, F C PDS MAJORS
7011015 3 TR 12:40-2:00
W 9:00-10:50
MEETS: AUG 21-DEC 15
Note: SECTION 3 RESTRICTED TO ECE MAJORS ONLY
HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

DEVLEPMNT BIRTH-BYRS  HD FS 224  3 CREDITS
7011020  4 TR 12:40-2:00
F 9:00-10:50
MEETS: AUG 21-DEC 15
Note: SEC 4 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
7011025  5 TR 12:40-2:00
F 9:00-10:50
MEETS: AUG 21-DEC 15
Note: SEC 5 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
7011030  6 TR 12:40-2:00
R 3:10-5:00
MEETS: AUG 21-DEC 15
Note: SEC 6 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
7011035  7 TR 12:40-2:00
T 3:10-5:00
MEETS: AUG 21-DEC 15
Note: SEC 7 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
7011040  8 TR 12:40-2:00
W 3:10-5:00
MEETS: AUG 21-DEC 15
Note: SEC 8 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
7011045  9 TR 12:40-2:00
R 3:10-5:00
MEETS: AUG 21-DEC 15
Note: SEC 9 RESTRICTED TO CH FS, ECE, FCEDS MAJORS
7011050 10 TR 12:40-2:00
F 3:10-5:00
MEETS: AUG 21-DEC 15
Note: SEC 10 RESTRICTED TO CH FS, ECE, FCEDS MAJORS

DEV&GUID MID CHILDH  HD FS 226  3 CREDITS
Prereq: HD FS 102 or PSYCH 230
2193005  1 TR 9:30-10:45
MEETS: AUG 21-DEC 15

ADOLESC&EMRGING ADU  HD FS 227  3 CREDITS
Prereq: HD FS 102 or PSYCH 230
6972005  1 MWF 12:10-1:00
MEETS: AUG 21-DEC 15

CONSUMER ISSUES  HD FS 239  3 CREDITS
Note: Meets U.S. diversity reqmt
3494005  1 MWF 11:00-12:00
MEETS: AUG 21-DEC 15

LIT FOR CHILDREN  HD FS 240  3 CREDITS
Prereq: HD FS 102 or PSYCH 230
Note: Meets U.S. diversity reqmt
2194005  1A TR 3:40-5:00
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO CH FS, ECE, EL ED, FCEDS MAJORS ONLY
2194010  1B TR 3:40-5:00
MEETS: AUG 21-DEC 15
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN CH FS, ECE, EL ED, FCEDS
2194015  2A MWF 9:00-11:00
MEETS: AUG 21-DEC 15
Note: SECTION 2A RESTRICTED TO CH FS, ECE, EL ED, FCEDS MAJORS ONLY
2194020  2B MWF 8:00-10:00
MEETS: AUG 21-DEC 15
Note: SECTION 2B RESTRICTED TO MAJORS OTHER THAN CH FS, ECE, EL ED, FCEDS MAJORS

PRNT&FAM DVRSITY ISS  HD FS 249  3 CREDITS
Note: Meets U.S. diversity reqmt
2207005  1A TR 11:00-12:15
MEETS: AUG 21-DEC 15
Note: SEC 1A RESTRICTED TO CH FS, ECE, FCEDS, F CP MAJORS ONLY
2207010  1B TR 11:00-12:15
MEETS: AUG 21-DEC 15
Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN CH FS, ECE, FCEDS, F CP MAJORS

FAMILY CMN&RELATNSH  HD FS 270  3 CREDITS
Prereq: HD FS 102 or PSYCH 230
Note: Course restricted to CH FS, ECE, FCEDS, F CP MAJORS
Meets U.S. diversity reqmt
7012005  1 MWF 11:00-12:15
MEETS: AUG 21-DEC 15

HUMAN SEXUALITY  HD FS 276  3 CREDITS
Note: Meets U.S. diversity reqmt
3496005  1 TR 12:40-1:55
MEETS: AUG 21-DEC 15
Note: SECTION 1 RESTRICTED TO CH FS, FCEDS MAJORS
3496010  2 TR 12:40-1:55
MEETS: AUG 21-DEC 15
Note: SECTION 2 RESTRICTED TO MAJORS OTHER THAN CH FS, FCEDS
Syllabus: http://www.hs.iastate.edu/online/
3496015  3 TR 11:00-12:15
MEETS: AUG 21-DEC 15
3496020  4 TR 8:10-10:10
MEETS: AUG 21-DEC 15
Note: Section XV is off campus
3496600 XV ARRANGED
MEETS: AUG 21-DEC 15
Note: Section XV is off campus
3496605 XV ARRANGED
MEETS: AUG 21-DEC 15
Note: Section XV is off campus
HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

ASEMSMT prog: AGE 3-6
HD FS 343  4 CREDITS
Prereq: HD FS 103, HD FS 224, HD FS 240.
Note: COURSE RESTRICTED TO CH FS MAJORS.
JUNIORS AND SENIORS ONLY. LAB PLACEMENT LOCATIONS
ASSIGNED AT FIRST LECTURE CLASS.

2205005  1  TR  3:40-4:55  
M  9:00-11:50
MEETS: AUG 21-DEC 15
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

2205010  2  TR  3:40-4:55  
W  9:00-11:50
MEETS: AUG 21-DEC 15
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

2205015  3  TR  3:40-4:55  
F  9:00-11:50
MEETS: AUG 21-DEC 15
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

2205020  4  TR  3:40-4:55  
R  9:00-11:50
MEETS: AUG 21-DEC 15
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

2205025  5  TR  3:40-4:55  
P  9:00-11:50
MEETS: AUG 21-DEC 15
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

ADAPT PROG INCL SET
HD FS 345  3 CREDITS
Prereq: HD FS 224; SP ED 250.
Note: COURSE RESTRICTED TO CH FS MAJORS.

4449005  1  TR  12:40-1:55
M  2:10-3:30
MEETS: AUG 21-DEC 15
Syllabus: http://www.hs.iastate.edu/online/

HOUSE&SERV FAM&CHILD
HD FS 360  3 CREDITS
Prereq: 6 CREDITS IN SOCIAL SCIENCES.
Note: Meets U.S. diversity reqmt.

3501005  1  TR  9:00-10:50
MEETS: AUG 21-DEC 15
Syllabus: http://www.hs.iastate.edu/online/

ABUSE&ALL IN FAMILI
HD FS 367  3 CREDITS
Prereq: HD FS 102 OR PSYCH 230.

9193005  1  MWF  11:00-11:50
MEETS: AUG 21-DEC 15
Note: RESTRICTED TO CH FS, ECE, FCEDS, F C P MAJORS.
Syllabus: http://www.hs.iastate.edu/online/

9193600  XW ARRANGED
MEETS: AUG 21-DEC 15
Note: Section XW is off campus.

RSEARCH METHODS HFDS
HD FS 369  3 CREDITS
Prereq: HD FS 102 OR PSYCH 230; 9 HOURS IN
HD FS JUNIOR OR SENIOR CLASSIFICATION

3343005  1  MWF  10:00-10:50
M  8:00-8:50
MEETS: AUG 21-DEC 15

3343010  2  MWF  10:00-10:50
W  8:00-8:50
MEETS: AUG 21-DEC 15

3343015  3  MWF  10:00-10:50
F  8:00-8:50
MEETS: AUG 21-DEC 15

DEATH PART OF LIVING
HD FS 373  3 CREDITS
Prereq: HD FS 102.

3505600  XW ARRANGED
MEETS: AUG 21-DEC 15
Note: Section XW is off campus.
Course delivery is WWW

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

AGING & THE FAMILY
HD FS 377  3 CREDITS
Prereq: HD FS 102.

3506005  1  TR  9:30-10:45
MEETS: AUG 21-DEC 15
Syllabus: http://www.hs.iastate.edu/online/

FUND FINANC PLANNING
HD FS 383  3 CREDITS
Prereq: HD FS 283.

3672005  MWF  12:10-1:00
MEETS: AUG 21-DEC 15

CHILD, FAM&PUB POLICY
HD FS 395  3 CREDITS
Prereq: HD FS 369 OR EQUIVALENT.

1155005  1A MWF  9:00-9:50
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO CH FS, ECE, FCEDS, F C P MAJORS.

1155010  1B MWF  9:00-9:50
MEETS: AUG 21-DEC 15
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN
CH FS, ECE, FCEDS, F C P

SUP TCH EARLY SP ED
HD FS 417C  8 CREDITS
Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
EDUCATION PROGRAM, HD FS 455; HD FS 456.
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
THE UNIVERSITY TEACHER EDUCATION PROGRAM.

2213010  1A ARRANGED
MEETS: AUG 21-OCT 13
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA

2213015  1R ARRANGED
MEETS: AUG 21-OCT 13
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

2213020  2A ARRANGED
MEETS: OCT 16-DEC 15
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA

2213025  2R ARRANGED
MEETS: OCT 16-DEC 15
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

PRO PRAC RFC:TCCH
HD FS 418A .5 CREDIT
Prereq: CONCURRENT ENROLLMENT IN HD FS 417.
Satisfactory-Fail Only.

4952005  ARRANGED
MEETS: AUG 21-DEC 15

PRO PRAC RFC:INTN
HD FS 418B  2 CREDITS
Prereq: JUNIOR CLASSIFICATION.
Satisfactory-Fail Only.

3681005  W  3:10-5:00
MEETS: AUG 21-DEC 15

PRG EVAL&PROP POS
HD FS 449  3 CREDITS
Prereq: HD FS 369.
Note: COURSE RESTRICTED TO CH FS, FCEDS, F C P.

2221005  1  TR  11:00-12:20
MEETS: AUG 21-DEC 15
Syllabus: http://www.hs.iastate.edu/online/

2221010  2  MWF  12:10-1:00
MEETS: AUG 21-DEC 15

CURRE--AGES 3 THRU 6
HD FS 455  4 CREDITS
Prereq: HD FS 343, HD FS 345, SP ED 355 AND SP ED 455.
Note: LAB PLACEMENT ASSIGNED AT FIRST LECTURE

2222005  1  TR  12:40-2:00
M  8:00-11:50
MEETS: AUG 21-DEC 15
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

2222010  2  TR  12:40-2:00
T  8:00-11:50
MEETS: AUG 21-DEC 15
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

2222015  3  TR  12:40-2:00
R  8:00-11:50
MEETS: AUG 21-DEC 15
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

WRK W FAM E INTERVN
HD FS 456  3 CREDITS
Prereq: HD FS 340 OR HD FS 344; OR PERMISSION OF
INSTRUCTOR, CURRENT BACKGROUND CHECK.

7563005  1  TR  2:10-3:30
MEETS: AUG 21-DEC 15
Syllabus: http://www.hs.iastate.edu/online/
HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

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
Note: Course Restricted to Juniors and Seniors Only
3520005 1 TR 12:40-2:00
MEETS: AUG 21-DEC 15
Syllabus: http://www.hs.iastate.edu/online/

FAMILY SAVINGS&INVS HD FS 482 3 CREDITS
PreReq: HD FS 283
3983005 TR 9:30-10:30
MEETS: AUG 21-DEC 15
Syllabus: http://www.hs.iastate.edu/online/

ADMIN HUMN SVC PROG HD FS 486 3 CREDITS
PreReq: Junior Classification; 6 Credits in HD FS at 300 Level and Above
3619005 1 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
Syllabus: http://www.hs.iastate.edu/online/
3619010 2 MWF 1:10-2:00
MEETS: AUG 21-DEC 15

FINANCIAL COUNSELNG HD FS 489 2 CREDITS
PreReq: HD FS 283
Note: Course Only Offered for 3 Credits Fall 2017
3537005 1A MWF 9:00-10:50
MEETS: AUG 21-DEC 15
Note: Section 1A Restricted to F C P Majors Only
3537010 1B MWF 10:00-10:50
MEETS: AUG 21-DEC 15
Note: Section 1B Restricted to Majors Other Than F C P

FINANC COUNSEL LAB HD FS 489L 1 CREDIT
PreReq: HD FS 489
8102010 1 ARRANGED
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

INDEPENDENT STUDY HD FS 490 VAR. CREDITS
PreReq: 6 Credits in HD FS
Note: See Dept for Reference Numbers

INDEP STUDY HONORS HD FS 490H VAR. CREDITS
PreReq: 6 CR IN HD FS, Membership in Honors Prog
Note: Course Restricted to Honors Program Students Only
Note: 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.
Note: 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
Note: See Dept for Reference Numbers

GRAD STU,RES,ETHICS HD FS 501 2 CREDITS
3543005 1 TR 12:40-2:30
MEETS: AUG 21-DEC 15
Syllabus: http://www.hs.iastate.edu/online/

QNTV RESCHR METHODS HD FS 503 4 CREDITS
PreReq: Permission of Instructor
3544005 1 TR 4:10-5:30
MEETS: AUG 21-DEC 15
Note: Section 1 Restricted to HD FS, Geront Majors Only
3544010 2 TR 4:10-5:30
MEETS: AUG 21-DEC 15
Note: Section 2 Restricted to Majors Other Than HD FS, Geron

QLTVE RESCHR METHODS HD FS 504 3 CREDITS
PreReq: 9 Credits of Social Sciences or Permission of Instructor
7641005 1 W 6:00-8:40PM
MEETS: AUG 21-DEC 15
Note: Section 1 Restricted to HD FS, Geront Majors Only
7641010 2 W 6:00-8:40PM
MEETS: AUG 21-DEC 15
Note: Section 2 Restricted to Majors Other Than HD FS, Geron

THEORIES HUMAN DEVE HD FS 510 3 CREDITS
PreReq: 9 Credits of Social Sciences or Permission of Instructor
7702005 1 W 9:00-11:14
MEETS: AUG 21-DEC 15
Note: Section 1 Restricted to HD FS, Geront Majors Only
7702010 2 W 9:00-11:14
MEETS: AUG 21-DEC 15
Note: Section 2 Restricted to Majors Other Than HD FS, Geron

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

FINANCIAL COUNSELING HD FS 589 2 CREDITS
PreReq: Graduate Classification
7583005 1 MWF 9:00-10:50
MEETS: AUG 21-DEC 15

FINANC COUNSEL LAB HD FS 589L 1 CREDIT
PreReq: Graduate Classification
3510005 1 ARRANGED
MEETS: AUG 21-DEC 15

SP TOP HUMAN, FAMILY HD FS 590I VAR. CREDITS
PreReq: Permission of Instructor
Note: See Dept for Reference Numbers

INTERN HUM DV, FAMILY HD FS 591I VAR. CREDITS
PreReq: 10 Grad Credits
Note: See Dept for Reference Numbers

CREATIVE COMPONENT HD FS 599 VAR. CREDITS
PreReq: 9 Graduate Credits in HD FS
Note: See Dept for Reference Numbers

ADV QUANTITAT METHD HD FS 603 3 CREDITS
PreReq: HD FS 503; HD FS 505; STAT 402 or STAT 404 or Permission of Instructor
2239005 1 W 2:10-3:30
MEETS: AUG 21-DEC 15
Note: Section 1 Restricted to HD FS, Geron Majors Only
2239010 2 W 2:10-3:30
MEETS: AUG 21-DEC 15
Note: Section 2 Restricted to Majors Other Than HD FS, Geron

RESEARCH GRANT WRIT HD FS 608 3 CREDITS
PreReq: HD FS 553, HD FS 505, and HD FS 504 or Permission of Instructor
8824005 1 M 6:00-8:40PM
MEETS: AUG 21-DEC 15
Note: Section 1 Restricted to HD FS, Geron Majors Only
8824010 2 M 6:00-8:40PM
MEETS: AUG 21-DEC 15
Note: Section 2 Restricted to Majors Other Than HD FS, Geron

COLLEG TCH INTERNSP HD FS 691A VAR. CREDITS
PreReq: Permission of Instructor
Satisfactory-Fail Only.
Note: See Dept for Reference Numbers

RESEARCH INTERNSHIP HD FS 691B VAR. CREDITS
PreReq: Permission of Instructor
Satisfactory-Fail Only.
Note: See Dept for Reference Numbers

PRO EXPER INTERNSHP HD FS 691D VAR. CREDITS
Satisfactory-Fail Only.
Note: See Dept for Reference Numbers

RES HUM DEV&FAM STU HD FS 699I VAR. CREDITS
Note: See Dept for Reference Numbers

HUMAN SCIENCES

ORIENCAREER EXPLOR H SCI 110 2 CREDITS
PreReq: Declared as Open Option in the College of Human Sciences
9462005 TR 8:00-8:50
MEETS: AUG 21-DEC 15

DIAGN DIVERSITY H SCI 150 1 CREDIT
Note: Meets U.S. diversity reqmt
6929010 1 M 1:10-3:00
MEETS: OCT 16-DEC 15
6929015 2 T 1:10-3:00
MEETS: OCT 16-DEC 15
6929020 3 W 1:10-3:00
MEETS: OCT 16-DEC 15
6929025 4 T 1:10-3:00
MEETS: OCT 16-DEC 15
6929030 5 T 3:10-5:00
MEETS: OCT 16-DEC 15
6929035 6 W 3:10-5:00
MEETS: OCT 16-DEC 15

IMMUNOBIOLOGY

CURR TP WKSP IMMOL IMBIO 602 1 CREDIT
5723005 ARRANGED
MEETS: AUG 21-DEC 15
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<tr>
<td>INDUS DSN STDIO I</td>
<td>IND D 201</td>
<td>6</td>
<td>MWF 9:00-12:10</td>
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<tr>
<td>INDUS DSN STDIO II</td>
<td>IND D 202</td>
<td>6</td>
<td>MWF 9:00-12:10</td>
</tr>
<tr>
<td>INDUS DSN STDIO III</td>
<td>IND D 203</td>
<td>6</td>
<td>MWF 9:00-12:10</td>
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<td>ENGR SYS DSGN, MANUF</td>
<td>I E 248</td>
<td>3</td>
<td>MWF 10:10-11:30</td>
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<tr>
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<td>IND D 201</td>
<td>6</td>
<td>MWF 9:00-12:10</td>
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<tr>
<td>INDUS DSN STDIO III</td>
<td>IND D 203</td>
<td>6</td>
<td>MWF 9:00-12:10</td>
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<td>ENGR SYS DSGN, MANUF</td>
<td>I E 248</td>
<td>3</td>
<td>MWF 10:10-11:30</td>
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</tbody>
</table>

**INDUSTRIAL DESIGN**

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- Admission to the Industrial Design Studio I (IND D 503)
- Permission of Instructor

**CREDITS:**

- IND D 503: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- Admission to the Industrial Design Studio II (IND D 504)
- Permission of Instructor

**CREDITS:**

- IND D 504: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- Admission to the Industrial Design Studio III (IND D 505)
- Permission of Instructor

**CREDITS:**

- IND D 505: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- ADMISSION TO THE INDUSTRIAL DESIGN STUDIO I (IND D 503)
- Permission of Instructor

**CREDITS:**

- IND D 503: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- Admission to the Industrial Design Studio II (IND D 504)
- Permission of Instructor

**CREDITS:**

- IND D 504: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- Admission to the Industrial Design Studio III (IND D 505)
- Permission of Instructor

**CREDITS:**

- IND D 505: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- ADMISSION TO THE INDUSTRIAL DESIGN STUDIO I (IND D 503)
- Permission of Instructor

**CREDITS:**

- IND D 503: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- Admission to the Industrial Design Studio II (IND D 504)
- Permission of Instructor

**CREDITS:**

- IND D 504: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- Admission to the Industrial Design Studio III (IND D 505)
- Permission of Instructor

**CREDITS:**

- IND D 505: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- ADMISSION TO THE INDUSTRIAL DESIGN STUDIO I (IND D 503)
- Permission of Instructor

**CREDITS:**

- IND D 503: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- Admission to the Industrial Design Studio II (IND D 504)
- Permission of Instructor

**CREDITS:**

- IND D 504: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- Admission to the Industrial Design Studio III (IND D 505)
- Permission of Instructor

**CREDITS:**

- IND D 505: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- ADMISSION TO THE INDUSTRIAL DESIGN STUDIO I (IND D 503)
- Permission of Instructor

**CREDITS:**

- IND D 503: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- Admission to the Industrial Design Studio II (IND D 504)
- Permission of Instructor

**CREDITS:**

- IND D 504: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only

---

**MEETS:** AUG 21-DEC 15

**PREREQUISITE:**

- Admission to the Industrial Design Studio III (IND D 505)
- Permission of Instructor

**CREDITS:**

- IND D 505: 6

**INSTRUCTOR:**

- PRINDLE W

**NOTES:**

- Course restricted to IND D majors only
ENGR SYS DSGN, MANUF  I  E  248  3 CREDITS
MEETS: AUG 21-DEC 15
9638060  M  10:00-11:50
MEETS: AUG 21-DEC 15
9638065  N  10:00-11:50
MEETS: AUG 21-DEC 15
9638070  P  11:00-12:50
MEETS: AUG 21-DEC 15
APP ERGON & WORK DSN  I  E  271  3 CREDITS
Prereq: PHYS 221
5169005  MWF  2:10-3:00
MEETS: Aug 21-DEC 15
ENGR ECONOMIC ANALY  I  E  305  3 CREDITS
Prereq: MATH 216
Note: Sections A1, B1 restricted to I E majors only. Sections A2, B2 restricted to majors other than I E.
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/
4425005  A1 MWF  1:10-2:00
MEETS: AUG 21-DEC 15
4425010  A2 MWF  1:10-2:00
MEETS: AUG 21-DEC 15
4425015  B1 TR  12:40-2:00
MEETS: AUG 21-DEC 15
4425020  B2 TR  12:40-2:00
MEETS: AUG 21-DEC 15
OPTIMIZATION  I  E  312  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 267
Note: Courses restricted to I E majors only.
4410005  A MWF  11:00-12:50
MEETS: AUG 21-DEC 15
4410010  B MWF  11:00-12:50
MEETS: AUG 21-DEC 15
PRODUCTION SYSTEMS  I  E  341  3 CREDITS
Prereq: STAT 231; OR ENROLLMENT IN I E 312
Note: Courses restricted to I E majors only.
4413005  A MWF  10:00-11:50
MEETS: AUG 21-DEC 15
4413010  B MWF  10:00-11:50
MEETS: AUG 21-DEC 15
STAT QUALITY ASSURN  I  E  361  3 CREDITS
Prereq: STAT 231 OR STAT 301 OR STAT 326 OR STAT 401
4416005  A ARRANGED, T  3:40-5:40
MEETS: AUG 21-DEC 15
Note: Section AI two-hour lecture delivery is WWW. Restricted to I E majors only.
COORDINATE EDUCAT I  E  398  R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS
STOCHAST MODL, SIMUL  I  E  413  4 CREDITS
Prereq: MATH 267, STAT 231
7013005  A MWF  8:00-9:50
T  2:10-4:00
MEETS: AUG 21-DEC 15
7013010  B MWF  8:00-9:50
T  3:10-4:00
MEETS: AUG 21-DEC 15
7013015  C MWF  9:00-10:50
R  2:10-3:00
MEETS: AUG 21-DEC 15
7013020  D MWF  9:00-10:50
R  3:10-4:00
MEETS: AUG 21-DEC 15
INDUSTRIAL AUTOMATION  I  E  432  3 CREDITS
Prereq: PHYS 222
9638005  A TR  11:00-12:15
I  8:00-9:50
MEETS: AUG 21-DEC 15
9638010  B TR  11:00-12:15
T  12:40-2:30
MEETS: AUG 21-DEC 15
9638015  C TR  11:00-12:15
3:10-5:00
MEETS: AUG 21-DEC 15
9638020  D TR  11:00-12:15
R  8:00-9:50
MEETS: AUG 21-DEC 15
9638025  E TR  11:00-12:15
R  12:40-2:30
MEETS: AUG 21-DEC 15
9638030  F TR  11:00-12:15
R  3:10-5:00
MEETS: AUG 21-DEC 15
9638035  G TR  11:00-12:15
M  1:10-3:00
MEETS: AUG 21-DEC 15
INDUSTRIAL ENGINEERING  (CONTINUED)
ENSTR ENGR DESIGN  I  E  441  3 CREDITS
Prereq: I  E  248, I  E  361; CREDIT OR ENROLLMENT IN 341, 413, AND 448
Note: Course restricted to I E, IMSE majors only.
4432005  A M  2:10-3:00
MEETS: AUG 21-DEC 15
4432010  B M  2:10-3:00
MEETS: AUG 21-DEC 15
4432015  C M  2:10-3:00
MEETS: AUG 21-DEC 15
GEOMET VARIABILITY MFG  I  E  446  3 CREDITS
Prereq: I  E  348, OR MAT E 216, OR M E 324
2360005  MWF  9:00-9:50
MEETS: AUG 21-DEC 15
ENGRS TECHN SALES  I  E  450  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN I E 305
8885005  M  6:10-9:00PM
MEETS: AUG 21-DEC 15
MULTIDISC ENGR DSGN  I  E  466  3 CREDITS
Prereq: STUDENT MUST BE IN TWO SEMESTERS OF GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR
1902005  A MWF  3:10-5:00
MEETS: AUG 21-DEC 15
LG-SCALE CPLX ENG SY  I  E  468  3 CREDITS
Prereq: SENIOR STANDING IN COLLEGE OF ENGINEERING OR PERMISSION OF AER E 468 INSTRUCTOR
1020005  TR  2:10-3:25
MEETS: AUG 21-DEC 15
INDEPENDENT STUDY  I  E  490  1-5 CREDITS
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS
INDEPENDENT STUDY HONORS  I  E  490H  1-5 CREDITS
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
UNIV HONORS PROGRAM MEMBERSHIP
Note: Courses restricted to students in the University Honors Program only.
1902005  TR  2:10-3:25
MEETS: AUG 21-DEC 15
INDEP STUDY HONORS  I  E  490H  1-5 CREDITS
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
UNIV HONORS PROGRAM MEMBERSHIP
Note: Courses restricted to students in the University Honors Program only.
3550005  M  4:10-5:00
MEETS: AUG 21-DEC 15
ANALY STOCHASTIC SYS  I  E  513  3 CREDITS
Prereq: STAT 231
6974005  TR  12:40-2:00
MEETS: AUG 21-DEC 15
LINEAR PROGRAMING  I  E  534  3 CREDITS
Prereq: I  E  312
4459005  MWF  9:00-9:50
MEETS: AUG 21-DEC 15
ENGR RISK ANALY  I  E  560  3 CREDITS
Prereq: COURSEWORK IN BASIC PROBABILITY AND STATISTICS
4022005  TR  9:30-10:50
MEETS: AUG 21-DEC 15
ENGR SYS DSGN, MANUF  I  E  563  3 CREDITS
Prereq: COURSE IN PROBABILITY AND STATISTICS
4660005  R  6:00-9:00PM
MEETS: AUG 21-DEC 15
LG-SCALE CPLX ENG SY  I  E  568  3 CREDITS
Prereq: SENIOR STANDING IN COLLEGE OF ENGINEERING OR PERMISSION OF AER E 468 INSTRUCTOR
1041005  TR  2:10-3:25
MEETS: AUG 21-DEC 15
OCCUPATN BIOMECHNCS  I  E  571  3 CREDITS
Prereq: ENGR 274, STAT 231
2545005  M  6:10-9:00PM
MEETS: AUG 21-DEC 15
HUMAN FACTORS DSN  I  E  576  3 CREDITS
Prereq: I  E  572 OR I  E  577
7393005  TR  9:30-10:50
MEETS: AUG 21-DEC 15

Note: COURSE RESTRICTED TO I E MAJORS ONLY.
INTEGRATED STUDIO ARTS

**INTEGRATED STUDIO ARTS (CONTINUED)**

**CRTV VISUAL THINKNG** ARTIS 201 3 CREDITS

<table>
<thead>
<tr>
<th>Class</th>
<th>Section</th>
<th>Title</th>
<th>Credits</th>
<th>Meets</th>
<th>Notes</th>
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<tr>
<td>7938005</td>
<td>A</td>
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<td>3</td>
<td>MEETS: AUG 21-DEC 15</td>
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<td>7938010</td>
<td>B</td>
<td>ARRANGED</td>
<td>3</td>
<td>MEETS: AUG 21-DEC 15</td>
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**STUDIO FNDMTLS:WOOD** ARTIS 202 2 CREDITS

<table>
<thead>
<tr>
<th>Class</th>
<th>Section</th>
<th>Title</th>
<th>Credits</th>
<th>Meets</th>
<th>Notes</th>
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<tbody>
<tr>
<td>9264005</td>
<td>A</td>
<td>MFN 8:00-10:20</td>
<td>2</td>
<td>MEETS: AUG 21-DEC 15</td>
<td>COURSE DELIVERY IS WWW</td>
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**PREREQ:** SOPHOMORE LEVEL AND ABOVE

**STUDIO FNDMTLS:WOOD** ARTIS 202 2 CREDITS

<table>
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<tr>
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<td>9264010</td>
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<td>MEETS: AUG 21-DEC 15</td>
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**PREREQ:** SOPHOMORE LEVEL AND ABOVE

**COLOR** ARTIS 208 3 CREDITS

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<tr>
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<th>Meets</th>
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<td>1766005</td>
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<td>COURSE DELIVERY IS WWW</td>
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**PREREQ:** SOPHOMORE LEVEL AND ABOVE

**STUDIO FNDMTLS:WOOD** ARTIS 202 2 CREDITS

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<td>9264015</td>
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<td>MEETS: OCT 16-DEC 15</td>
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**PREREQ:** SOPHOMORE LEVEL AND ABOVE

**COLOR** ARTIS 208 3 CREDITS

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<td>1766020</td>
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<td>MEETS: OCT 16-DEC 15</td>
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**PREREQ:** SOPHOMORE LEVEL AND ABOVE

**COLOR** ARTIS 208 3 CREDITS

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<td>9264020</td>
<td>B</td>
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<td>MEETS: OCT 16-DEC 15</td>
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**STUDIO FNDMTLS:WOOD** ARTIS 202 2 CREDITS

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<td>9264025</td>
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<td>2</td>
<td>MEETS: OCT 16-DEC 15</td>
<td>COURSE DELIVERY IS WWW</td>
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**PREREQ:** SOPHOMORE LEVEL AND ABOVE
INTEGRATED STUDIO ARTS

STUDIO FUND: COMPUTERS ARTIS 212 2 CREDITS
Prereq: Sophomore level and above
9257005 A TR 2:10-5:20 MEETS: AUG 21-Oct 13
Note: Section A1 restricted to Artis majors only
9257015 B1 TR 2:10-5:20 MEETS: OCT 16-Dec 15
Note: Section B1 restricted to majors other than Artis
9257020 B2 TR 2:10-5:20 MEETS: OCT 16-Dec 15
Note: Section B2 restricted to majors other than Artis

STUDIO FUND: PAINTING ARTIS 213 2 CREDITS
Prereq: Sophomore level and above
9266005 A1 MW 3:40-6:00 PM MEETS: AUG 21-Oct 13
Note: Section A1 restricted to Artis majors only
9266010 A2 MW 3:40-6:00 PM MEETS: AUG 21-Oct 13
Note: Section A2 restricted to majors other than Artis
9266015 B1 MW 3:40-6:00 PM MEETS: OCT 16-Dec 15
Note: Section B1 restricted to Artis majors only
9266020 B2 MW 3:40-6:00 PM MEETS: OCT 16-Dec 15
Note: Section B2 restricted to majors other than Artis

STUDIO FUND: TEXTILE ARTIS 214 2 CREDITS
Prereq: Sophomore level and above
9269005 A1 MW 3:40-6:00 PM MEETS: AUG 21-Oct 13
Note: Section A1 restricted to Artis majors only
9269010 A2 MW 3:40-6:00 PM MEETS: AUG 21-Oct 13
Note: Section A2 restricted to majors other than Artis
9269015 B1 MW 3:40-6:00 PM MEETS: OCT 16-Dec 15
Note: Section B1 restricted to Artis majors only
9269020 B2 MW 3:40-6:00 PM MEETS: OCT 16-Dec 15
Note: Section B2 restricted to majors other than Artis

DRAWING II ARTIS 230 3 CREDITS
Prereq: DNS 6102, DNS 615, OR PERMISSION OF INSTRUCTOR
Note: Course restricted to majors in BIP I and THE COLLEGE OF DESIGN, NOT OPEN TO ARTIS MAJORS.
9198005 A TR 2:10-5:20 MEETS: AUG 21-Oct 13
Note: Sec it taught in Rome, Italy. College of Design Fall Rome Program Study Abroad Fall 2017 Study Abroad Administrative Fee Applies
9198300 IT ARRANGED MEETS: AUG 28-Jan 15
Note: Sec it taught in Rome, Italy. College of Design Fall Rome Program Study Abroad Fall 2017 SPECIAL COURSE FEE. THIS FEE IS ALREADY INCLUDED IN THE STUDY ABROAD PROGRAM FEE.

WATERCOLOR PAINTING ARTIS 233 3 CREDITS
Prereq: ARTIS 230
Note: Course restricted to majors in BIP I and THE COLLEGE OF DESIGN INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.
1780005 A MW 12:10-3:00 MEETS: AUG 21-Dec 15
Note: Sec it taught in Rome, Italy. College of Design Fall Rome Program Study Abroad Fall 2017 SPECIAL COURSE FEE. THIS FEE IS ALREADY INCLUDED IN THE STUDY ABROAD PROGRAM FEE.
5570005 A MW 12:10-3:00 MEETS: AUG 21-Dec 15

PAINTING I ARTIS 238 3 CREDITS
Prereq: ARTIS 230
Note: Course restricted to BIP I, PBPMI and COLLEGE OF DESIGN MAJORS INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.
7828800 IT ARRANGED JONES B MEETS: AUG 28-Jan 15
Note: Sec it taught in Rome, Italy. College of Design Fall Rome Program Study Abroad Fall 2017 SECTION IT WILL NOT BE ASSESSED THE SPECIAL COURSE FEE. THIS FEE IS ALREADY INCLUDED IN THE STUDY ABROAD PROGRAM FEE.

INTEGRATED STUDIO ARTS (CONTINUED)

COLLAGE, ASSEMBLY ARTIS 305 3 CREDITS
Prereq: 6 Credits of 200 level studio or PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
1771800 IT ARRANGED JONES B MEETS: AUG 28-Jan 15
Note: Sec it taught in Rome, Italy. College of Design Fall Rome Program Study Abroad Fall 2017 MATERIALS, FIELD TRIPS & TRAVEL FEE $25.00. DOES NOT APPLY. SECTION IT WILL NOT BE ASSESSED THE SPECIAL COURSE FEE. THIS FEE IS ALREADY INCLUDED IN THE STUDY ABROAD PROGRAM FEE.

CPTR MODLVR PHOTO ARTIS 308 3 CREDITS
Prereq: ARTIS 230 OR PERMISSION OF INSTRUCTOR
Note: Course restricted to ARC, ARCH, ARTDN, ARTFA, ARTGR, ARTID, ARTIS, BPM I, DEG, DSGNS, DSGN, C R P, IND D, L A, P ARC, P CRF, P GR, P BPMI, P ID, P IND, P ISA, P LA MAJORS
6432005 A MW 10:00-12:50 MEETS: AUG 21-Dec 15
6423010 B TR 9:30-12:30 MEETS: AUG 21-Dec 15

SOURCES VISUAL DSGN ARTIS 310 3 CREDITS
6432005 A MW 10:00-12:50 MEETS: AUG 21-Dec 15
Note: Section A restricted to artis majors only
6432010 B MW 1:10-4:00 MEETS: AUG 21-Dec 15
Note: Course restricted to design college majors only INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.
9379005 A MW 1:10-4:00 MEETS: AUG 21-Dec 15

INTRO FURNITUR DSGN ARTIS 320 3 CREDITS
Prereq: ARTIS 204 OR PERMISSION OF INSTRUCTOR
Note: Course restricted to design college majors only INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.
1798005 A TR 9:30-12:30 MEETS: AUG 21-Dec 15

INTMD CERAMCS STUDIO ARTIS 322 3 CREDITS
Prereq: ARTIS 229 OR PERMISSION OF INSTRUCTOR
Note: Course restricted to design college majors only INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.
6579005 TR 2:10-5:00 MEETS: AUG 21-Dec 15
Note: Section restricted to ARC, ARCH, ARTDN, ARTFA, ARTGR, ARTID, ARTIS, BPM I MAJORS
6579010 A TR 9:30-12:30 MEETS: AUG 21-Dec 15
Note: Course restricted to design college majors only INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.

SCIENTIFIC PRTN & HEAL ARTIS 323 3 CREDITS
Prereq: 6 Credits in art and design and 3 Credits in biological sciences
Note: Course restricted to BIP I and THE COLLEGE OF DESIGN INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.
6579005 A TR 9:30-12:30 MEETS: AUG 21-Dec 15

JEWELR/METALSMTH II ARTIS 324 3 CREDITS
Prereq: ARTIS 203 OR PERMISSION OF INSTRUCTOR
Note: Course restricted to ART, ARTDN, ARTFA, ARTGR, ARTID, ARTIS, BPM I, DEG, DSGNS, DSGN, C R P, IND D, L A MAJORS
7237005 A TR 9:30-12:30 MEETS: AUG 21-Dec 15

ILLUSTR AS COMMUNIC ARTIS 327 3 CREDITS
Prereq: ARTIS 326
7239005 A TR 6:10-9:00 PM MEETS: AUG 21-Dec 15
7239010 B MW 6:10-9:00 PM MEETS: AUG 21-Dec 15

CREATIVE PHOTOGRAPHY ARTIS 329 3 CREDITS
Prereq: ARTIS 210 OR ARTIS 229 OR PERMISSION OF INSTRUCTOR
Note: Course restricted to ARTFA, ARTIS MAJORS INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.
1801005 A TR 9:30-12:30 MEETS: AUG 21-Dec 15

DRAW III: LIFE DRWG ARTIS 330 3 CREDITS
Prereq: ARTIS 230
Note: Course restricted to BIP I, PBPMI, and college of design majors INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.
1802005 A TR 9:30-12:30 MEETS: AUG 21-Dec 15
1802010 B MW 3:40-6:00 PM MEETS: AUG 21-Dec 15
INTEGRATED STUDIO ARTS  (CONTINUED)

PAINTING II  ARTIS 438  3 CREDITS
Prereq: ARTIS 338 or ARTIS 213 and ARTIS 230
Note: Instructor permission required 1st week.
7832005  A TR 1:10-4:00
MEETS: AUG 21-DEC 15
7832800  IT ARRANGED  JONES B
MEETS: AUG 28-JAN 15
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN FALL ROME PROGRAM STUDY ABROAD FALL 2017.
SECTION IT WILL NOT BE ASSESSED THE SPECIAL COURSE FEE. THIS FEE IS ALREADY INCLUDED IN THE STUDY
ABROAD PROGRAM FEE. RESTRICTED TO ARTDN, ARTFA, ARTGR & ARTIS.
Study Abroad Administrative Fee Applies

PRINTED TEXTILE DSIGN ARTIS 437  3 CREDITS
Prereq: ARTIS 324 or PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
7839005  MW 9:00-11:30
MEETS: AUG 21-DEC 15

ADVANCED PHOTOGRAPHY ARTIS 429  3 CREDITS
Prereq: ARTIS 329
Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR, ARTIS MAJORS.
Instructor permission required 1st week.
1836005  TR 9:30-12:20
MEETS: AUG 21-DEC 15

ADVANCED PHOTOGRAPHY ARTIS 429H  3- 4 CREDITS
Prereq: ARTIS 329
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM.
Instructor permission required.
7018005  TR 11:00-1:30
MEETS: AUG 21-DEC 15

DRAWING ARTIS 430  3 CREDITS
Prereq: ARTIS 330
Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR, ARTIS, BPM I, FPBM MAJORS.
Instructor permission required 1st week.
1841005  TR 11:00-1:30
MEETS: AUG 21-DEC 15

PAINTING III  ARTIS 438  3 CREDITS
Prereq: ARTIS 338
Note: Instructor permission required 1st week.
7833005  MW 1:10-4:00
MEETS: AUG 21-DEC 15
7833800  IT ARRANGED  JONES B
MEETS: AUG 28-JAN 15
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN FALL ROME PROGRAM STUDY ABROAD FALL 2017.
SECTION IT WILL NOT BE ASSESSED THE SPECIAL COURSE FEE. THIS FEE IS ALREADY INCLUDED IN THE STUDY
ABROAD PROGRAM FEE. RESTRICTED TO ARTDN, ARTFA, ARTGR & ARTIS.
Study Abroad Administrative Fee Applies

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

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

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

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

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
INTEGRATED STUDIO ARTS  (CONTINUED)

SPL TOP MIXED MEDIA ARTIS 590M  VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN ART AND/OR DSGN, 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: COURSE RESTRICTED TO ARTID, ART, ARTID, ARTS, IND D MAJORS
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTID 699A VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS
4480005 ARRANGED
MEETS: AUG 21-DEC 15

THESIS RESEARCH ARTID 699B VAR. CREDITS
4481005 ARRANGED
MEETS: AUG 21-DEC 15

INTERIOR DESIGN

FUND INTERIOR DSGN ARTID 250 2 CREDITS
6589005 1A MW 9:00-9:50
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO ARTID MAJORS
6589010 1B MW 9:00-9:50
MEETS: AUG 21-DEC 15
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN ARTID

HUMAN FACTORS IN DSGN ARTID 251 3 CREDITS
2061005 A TR 8:00-9:20
MEETS: AUG 21-DEC 15
Note: SEC A RESTRICTED TO ARTID MAJORS ONLY
2061010 B TR 8:00-9:20
MEETS: AUG 21-DEC 15
Note: SEC B RESTRICTED TO MAJORS OTHER THAN ARTID

GRAPH CM INT DSGN I ARTID 261 3 CREDITS
Prereq: COURSE RESTRICTED TO ARTID MAJORS ONLY
7885005 A MW 1:10-2:00
MW 2:10-4:00
MEETS: AUG 21-DEC 15
7885010 B MW 1:10-2:00
MEETS: AUG 21-DEC 15
7885015 C MW 1:10-2:00
MW 2:10-4:00
MEETS: AUG 21-DEC 15
7885020 D MW 1:10-2:00
MW 2:10-4:00
MEETS: AUG 21-DEC 15

INT DESIGN STUDIO I ARTID 265 4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN ARTID 250 AND ARTID 261; ADMISSION TO THE INTERIOR DESIGN PROGRAM THROUGH PROGRAM REVIEW AND ENROLLMENT IN 265
Note: COURSE RESTRICTED TO ARTID MAJORS.
STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
Instructor permission required 1st week.
1784015 A T 11:00-11:30
TR 12:10-3:00
MEETS: AUG 21-DEC 15
1784020 B T 11:00-11:30
TR 12:10-3:00
MEETS: AUG 21-DEC 15
1784025 C T 11:00-11:30
TR 12:10-3:00
MEETS: AUG 21-DEC 15
1784030 D T 11:00-11:30
TR 12:10-3:00
MEETS: AUG 21-DEC 15

INT BLDG SYSDATAILS ARTID 353 3 CREDITS
Note: COURSE RESTRICTED TO ARTID MAJORS
7731005 A TR 3:40-5:00
MEETS: AUG 21-DEC 15

INT DSN HIST/THY II ARTID 356 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 355 OR PERMIT OF INSTRUCTOR
Note: Instructor permission required 1st week.
1845005 A TR 2:10-3:30
MEETS: AUG 21-DEC 15

JUNIOR FIELD STUDY ARTID 359 R CREDIT
Prereq: ENROLLMENT IN THIRD YEAR INTERIOR DESIGN STUDIO COURSE
Note: COURSE RESTRICTED TO ARTID MAJORS
1814005 A ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION A RESTRICTED TO ARTID MAJORS
1814010 B ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION B RESTRICTED TO ARTID MAJORS

INTERIOR DESIGN  (CONTINUED)

INT DSN STUDIO III ARTID 365 4 CREDITS
Prereq: ARTID 263, ARTID 267. CONCURRENT
ENROLLMENT IN ARTID 365.
Note: COURSE RESTRICTED TO ARTID MAJORS
Instructor permission required 1st week.
1815005 A M 8:00-8:50
MW 9:00-11:50
MEETS: AUG 21-DEC 15
1815010 B M 8:00-8:50
MW 9:00-11:50
MEETS: AUG 21-DEC 15

SENIOR FIELD STUDY ARTID 459 R CREDIT
Prereq: ENROLLMENT IN FOURTH YEAR INTERIOR DESIGN STUDIO COURSE
Note: COURSE RESTRICTED TO ARTID MAJORS
SATISFACTORY-FAIL ONLY.
1816005 A ARRANGED
MEETS: AUG 21-DEC 15
Note: SEC A RESTRICTED TO ARTID MAJORS ONLY

INT DSN STUDIO V ARTID 465 4 CREDITS
Prereq: ARTID 460, OR PERMISSION OF INSTRUCTOR, AND ENROLLMENT IN ARTID 459
Note: COURSE RESTRICTED TO ARTID MAJORS
Instructor permission required 1st week.
1851005 A M 1:10-2:00
MW 2:10-5:00
MEETS: AUG 21-DEC 15
1851010 B M 1:10-2:00
MW 2:10-5:00
MEETS: AUG 21-DEC 15
1851015 C M 1:10-2:00
MW 2:10-5:00
MEETS: AUG 21-DEC 15
1851020 D M 1:10-2:00
MW 2:10-5:00
MEETS: AUG 21-DEC 15

INDEPENDENT STUDY ARTID 490 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: COURSE RESTRICTED TO ARTID MAJORS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT HONORS ARTID 490H 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: COURSE RESTRICTED TO ARTID MAJORS WHO ARE IN THE UNIVERSITY HONORS PROGRAM
******* SEE DEPT FOR REFERENCE NUMBERS

DSGN HUMAN SENSORY ARTID 551A 3 CREDITS
Prereq: INSTRUCTOR PERMISSION
8255005 TR 6:00-7:30PM
MEETS: AUG 21-DEC 15

DSGN MTHDS SYNTHESI ARTID 552B 2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
1808005 TR 5:10-6:00PM
MEETS: AUG 21-DEC 15

INTER DSN STUDIO V ARTID 565 4 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
1906005 A M 1:10-2:00
MW 2:10-5:00
MEETS: AUG 21-DEC 15
1906010 B M 1:10-2:00
MW 2:10-5:00
MEETS: AUG 21-DEC 15
1906015 C M 1:10-2:00
MW 2:10-5:00
MEETS: AUG 21-DEC 15
1906020 D M 1:10-2:00
MW 2:10-5:00
MEETS: AUG 21-DEC 15

ADV STUDY/ADV COLOR ARTID 569B 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
1684005 TR 9:30-10:50
MEETS: AUG 21-DEC 15

ADV STUDY INT DSGN ARTID 569D 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
1754005 TR 9:30-10:50
MEETS: AUG 21-DEC 15

SPECIAL TOPICS ARTID 590 VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN INTERIOR DSGN OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR & DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: COURSE RESTRICTED TO GRADUATE ARTID MAJORS
Instructor permission required 1st week.
1754010 A ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION A RESTRICTED TO ARTID MAJORS
1754015 B ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION B RESTRICTED TO ARTID MAJORS
******* SEE DEPT FOR REFERENCE NUMBERS
INTERNATIONAL STUDIES

INTRO INT'L STUDIES  INST 235  3 CREDITS
Note: Meets international perspectives reqd
9582005  1A TR 12:40-2:00
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO INST MAJORS ONLY
9582010  1B TR 12:40-2:00
MEETS: AUG 21-DEC 15
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN INSTT
9582015  2A TR 11:00-12:20
MEETS: AUG 21-DEC 15
Note: SECTION 2A RESTRICTED TO INST MAJORS ONLY
9582020  2B TR 11:00-12:20
MEETS: AUG 21-DEC 15
Note: SECTION 2B RESTRICTED TO MAJORS OTHER THAN INSTT

INDEPENDENT STUDY  INST 490  1- 3 CREDITS
Prereq: PERMISSION OF INTERNATIONAL STUDIES DIRECTOR AND FACULTY SUPERVISOR
Note: NO MORE THAN 3 CREDITS IN INST 490 MAY BE USED TOWARD GRADUATION IN THE INTERNATIONAL STUDIES MAJOR OR MINOR
3719005  ARRANGED
MEETS: AUG 21-DEC 15
Note: Permission of department chair required.

JOURNALISM & MASS COMMUNICATION

MASS MEDIA &SOCIETY  JL MC 101  3 CREDITS
4656005  1A MWF 8:00-8:50
MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO ADVRT, JL MC, P R MAJORS ONLY
4656010  1B MWF 8:00-8:50
MEETS: AUG 21-DEC 15
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN ADVRT, JL MC, P R

JOURNALISM ORIENT  JL MC 110  1 CREDIT
Satisfactory-Fail Only.
4657005  1 T 12:10-1:00
MEETS: AUG 21-DEC 15
4657010  2 R 8:00-9:20
MEETS: AUG 21-DEC 15
4657015  3 T 9:30-10:50
MEETS: AUG 21-DEC 15
4657020  4 R 9:30-10:50
MEETS: AUG 21-DEC 15

REPORT&WRT  MASS MD  JL MC 201  3 CREDITS
Prereq: CLASSIFICATION IN A GREENLEE SCHOOL MAJOR OR PERMISSION OF DEPARTMENT; PASS DEPARTMENTAL EXAMINATION IN LANGUAGE SKILLS BEFORE REGISTERING; ENGL 250; CREDIT OR ENROLLMENT IN JL MC 110
9580005  1 MW 8:00-10:10
MEETS: AUG 21-DEC 15
958015  2 TR 8:00-10:10
MEETS: AUG 21-DEC 15
958020  3 MW 10:20-12:30
MEETS: AUG 21-DEC 15
958025  4 TR 10:20-12:30
MEETS: AUG 21-DEC 15
958030  5 MW 8:00-10:10
MEETS: AUG 21-DEC 15
958035  6 T 9:50-12:00
MEETS: AUG 21-DEC 15
958040  7 MW 12:40-2:50
MEETS: AUG 21-DEC 15
958045  8 MW 2:10-4:20
MEETS: AUG 21-DEC 15

FEATURE WRITING  JL MC 344  3 CREDITS
Prereq: C+ OR BETTER IN JL MC 303 OR P R
9584005  1 TR 10:30-12:10
MEETS: AUG 21-DEC 15
9584010  2 TR 8:00-9:50
MEETS: AUG 21-DEC 15

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JOURNALISM & MASS COMMUNICATION (CONTINUED)

PUBL AFFAIRS REPORT JL MC 346 3 CREDITS
Prereq: C OR BETTER IN JL MC 302 OR P R 321
4675005 1 M W 10:00-12:00 MEETS: AUG 21-DEC 15

SCIENCE COMMUNICAT 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 ONLY
4676005 MW 3:10-5:00 MEETS: AUG 21-DEC 15

NEWSFEATURE EDITING JL MC 349 3 CREDITS
Prereq: C OR BETTER IN JL MC 302 OR P R 321
Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS
4677005 1 TR 8:00-9:50 MEETS: AUG 21-DEC 15

DIGITAL NEWSROOM JL MC 414X 3 CREDITS
4724005 1 T R 11:00-12:00 MEETS: AUG 21-DEC 15

MASS COMMUNICAT LAW JL MC 460 3 CREDITS
Prereq: JL MC 110, C OR BETTER IN JL MC 201,
JUNIOR CLASSIFICATION, NONMAJORS MUST HAVE PERMISSION OF THE DEPARTMENT
Note: COURSE RESTRICTED TO ADVRT, JL MC, P R JUNIORS
AND SENIORS
4688005 1 MWF 8:00-8:50 MEETS: AUG 21-DEC 15
4688010 2 MWF 11:00-11:50 MEETS: AUG 21-DEC 15

HISTORY AMER JRNL SM JL MC 461 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
4689005 TR 11:00-12:30 MEETS: AUG 21-DEC 15
Note: THIS CLASS WILL BE BLENDED INSTRUCTION - CLASSROOM AND ONLINE

MEDIA ETHICS, FREEDM JL MC 462 3 CREDITS
Prereq: JL MC 110, C OR BETTER IN JL MC 201,
CLASSIFICATION IN A GREENLEE SCHOOL MAJOR
4690005 1 MWF 9:00-9:50 MEETS: AUG 21-DEC 15

INDEP STDY CMUNCAT JL MC 490 VAR. CREDITS
Prereq: JUNIOR CLASSIFICATION AND CONTRACT WITH
SUPERVISING PROFESSOR TO REGISTER
Note: NO MORE THAN 3 CREDITS OF JL MC 490 MAY BE
APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

PRO MDIA INTERN REQ JL MC 499A 3 CREDITS
Prereq: FORMAL FACULTY ADVISER APPROVAL.
JL MC MAJORS: C OR BETTER IN JL MC 202 OR JL MC 206
OR P R 321; ADVRT MAJORS: C OR BETTER IN JL MC 302
AND ADVRT 301; P R MAJORS: C OR BETTER IN P R 321.
Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

PRO MDIA INTERN OPT JL MC 499B 1- 3 CREDITS
Prereq: FORMAL FACULTY ADVISER APPROVAL.
JL MC MAJORS: C OR BETTER IN JL MC 202 OR JL MC 206
OR P R 321; ADVRT MAJORS: C OR BETTER IN JL MC 302
AND ADVRT 301; P R MAJORS: C OR BETTER IN P R 321.
Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
Department permission required.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

THEORIES MASS COMM JL MC 501 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION
OF INSTRUCTOR
4725005 1 R 6:10-9:00PM MEETS: AUG 21-DEC 15
Syllabus: http://www.jlmc.iastate.edu/undergrad
/syllabi.html

FUND CMM RSRC MTHD JL MC 502 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN JL MC 501
4726005 1 TR 12:40-2:00 MEETS: AUG 21-DEC 15

RISK PERCEP&COMMICA JL MC 560 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION
OF INSTRUCTOR
3227005 1A W 10:30-12:30 MEETS: AUG 21-DEC 15
Note: SECTION 1A RESTRICTED TO JL MC MAJORS
3227010 1B W 10:30-12:30 MEETS: AUG 21-DEC 15
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN JL MC

JOURNALISM & MASS COMMUNICATION (CONTINUED)

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SRCLNL JL MC 590B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP RSRCH MTHD JL MC 590C VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP TECHNQ&STYLE JL MC 590D VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP SPLZ COMMUNC JL MC 590E VAR. CREDITS
Prereq: APPROVED CREDIT COMPONENT PROPOSAL
******* SEE DEPT FOR REFERENCE NUMBERS

PROFESNL INTERNSHIP JL MC 591 1- 2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INTR GRAD STU JRNL SM JL MC 592 1 CREDIT
Prereq: GRADUATE CLASSIFICATION IN JL MC
8072005 1 T 5:10-6:00PM MEETS: AUG 21-DEC 15

SP TOP MEDIA STUDIE JL MC 592A 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP MEDIA STUDIE JL MC 592B 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP MEDIA STUDIE JL MC 592C 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP MEDIA STUDIE JL MC 592D 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP MEDIA STUDIE JL MC 592E 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

THESES RESEARCH JL MC 699 VAR. CREDITS
Prereq: APPROVED THESIS PROPOSAL
******* SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY

SWIMMING I KIN 101 1 CREDIT
5660005 1 TR 9:30-10:45 MEETS: AUG 21-DEC 15

SWIMMING II KIN 102 1 CREDIT
5661005 1 TR 11:00-12:15 MEETS: AUG 21-DEC 15

AQUATIC FITNESS KIN 108 1 CREDIT
5665005 1 TR 12:40-1:55 MEETS: AUG 21-DEC 15

BADMINTON KIN 122 1 CREDIT
5670105 1 M 9:00-10:15 MEETS: OCT 16-DEC 15
5671005 2 M 9:30-10:45 MEETS: OCT 16-DEC 15

BOWLING KIN 129 1 CREDIT
5675005 1 M 9:00-10:15 MEETS: AUG 21-DEC 15
5675100 2 M 10:00-11:15 MEETS: AUG 21-DEC 15
5675105 3 TR 9:30-10:45 MEETS: AUG 21-DEC 15
5675200 4 TR 11:00-11:50 MEETS: AUG 21-DEC 15

GOLF KIN 135 1 CREDIT
5678005 1 MF 7:00-8:15 MEETS: AUG 21-DEC 15
5678100 2 MF 7:00-8:15 MEETS: AUG 21-DEC 15
5678105 3 MF 7:00-8:15 MEETS: AUG 21-DEC 15
5678110 4 MF 7:00-8:15 MEETS: AUG 21-DEC 15

RACQUETBALL KIN 144 1 CREDIT
5683005 1 MF 9:00-10:15 MEETS: AUG 21-DEC 15
5683010 2 MF 9:00-10:15 MEETS: AUG 21-DEC 15
5683015 3 MF 9:00-10:15 MEETS: AUG 21-DEC 15
5683020 4 MF 9:00-10:15 MEETS: AUG 21-DEC 15

CRICKET KIN 150 1 CREDIT
5683030 1 TR 7:00-8:15 MEETS: AUG 21-DEC 15
5683040 2 TR 7:00-8:15 MEETS: AUG 21-DEC 15
5683050 3 TR 7:00-8:15 MEETS: AUG 21-DEC 15
5683060 4 TR 7:00-8:15 MEETS: AUG 21-DEC 15
KINESIOLOGY (CONTINUED)

ICE SKATING  KIN  153  1 CREDIT
Note: COURSE TAUGHT AT AMES/ISU ICE ARENA, SOUTHEAST OF THE TOWERS. MUSEUM ALLOW EXTRA FEE BETWEEN THIS AND OTHER CLASSES FOR TRAVEL TO AND FROM AMES/ISU ICE ARENA. MUST PROVIDE OWN TRANSPORTATION.
Satisfactory-Fail Only.
5689005  1 TR 1:10-3:00
MEETS: OCT 16-DEC 15

TENNIS  KIN  158  1 CREDIT
Satisfactory-Fail Only.
5690005  1 MW 8:00-9:20
MEETS: AUG 21-DEC 15
5690010  2 MW 9:30-10:50
MEETS: AUG 21-DEC 15
5690015  3 MW 11:00-12:20
MEETS: AUG 21-DEC 15
5690020  4 MW 12:40-2:00
MEETS: AUG 21-DEC 15

PHYSICAL FITNESS  KIN  163  1 CREDIT
Note: CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
Satisfactory-Fail Only.
5694005  1 MW 8:00-8:50
MEETS: AUG 21-DEC 15

WALKING FOR FITNESS  KIN  164  1 CREDIT
Satisfactory-Fail Only.
8867005  1 MW 11:00-12:05
MEETS: AUG 21-DEC 15
8867010  2 TR 9:30-11:05
MEETS: AUG 21-DEC 15
8867015  3 TR 11:00-12:15
MEETS: AUG 21-DEC 15

RUNNING FOR FITNESS  KIN  165  1 CREDIT
Satisfactory-Fail Only.
5343005  1 MW 8:00-9:20
MEETS: AUG 21-DEC 15

WEIGHT TRAINING  KIN  166  1 CREDIT
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: ATR 101, SKILL TECHNIQUE COURSE IN THE SAME SPORT AS THE ATR 101, KIN 166
Satisfactory-Fail Only.
5696005  1 MW 9:00-9:50
MEETS: AUG 21-DEC 15
5696010  2 MW 10:00-10:50
MEETS: AUG 21-DEC 15
5696015  3 MW 11:00-11:50
MEETS: AUG 21-DEC 15
5696020  4 MW 12:10-1:00
MEETS: AUG 21-DEC 15
5696025  5 MW 1:10-2:00
MEETS: AUG 21-DEC 15

JUDO  KIN  168  1 CREDIT
Satisfactory-Fail Only.
5353005  TR 9:00-9:50
MEETS: AUG 21-DEC 15

TAKEWONDO/KARATE I  KIN  170  1 CREDIT
Satisfactory-Fail Only.
5700005  1 MW 9:00-9:50
MEETS: AUG 21-DEC 15
5700010  2 MW 10:00-10:50
MEETS: AUG 21-DEC 15
5700015  3 MW 11:00-11:50
MEETS: AUG 21-DEC 15

TAKEWONDO/KARATE II  KIN  171  1 CREDIT
Prereq: 170
Satisfactory-Fail Only.
5701005  1 TR 12:10-1:00
MEETS: AUG 21-DEC 15

Hapkido/martial defense  KIN  173  1 CREDIT
Satisfactory-Fail Only.
5702005  1 TR 11:00-11:50
MEETS: AUG 21-DEC 15

Volleyball  KIN  182  1 CREDIT
Satisfactory-Fail Only.
5710005  1 TR 11:00-11:50
MEETS: AUG 21-DEC 15
5710010  2 TR 12:10-1:00
MEETS: AUG 21-DEC 15

Soccer  KIN  185  1 CREDIT
Satisfactory-Fail Only.
5712005  1 TR 9:30-10:45
MEETS: AUG 21-DEC 15

CrossFit fitness/wellness  KIN  210  2 CREDITS
Satisfactory-Fail Only.
8843005  1 ARRANGED
MEETS: AUG 21-DEC 15
Note: Course delivery is WWW

KINESIOLOGY (CONTINUED)

School Phys Act Prog  KIN  214X  1 CREDIT
Prereq: FRESHMAN CLASSIFICATION
Satisfactory-Fail Only.
4672005  9 ARRANGED
MEETS: AUG 21-DEC 15

Fund Tumbling/Gymnastics  KIN  231  1 CREDIT
Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
Note: COURSE RESTRICTED TO KIN H MAJORS. STUDENTS MUST BE ELIGIBLE FOR ADMISSION TO KINESIOLOGY TEACHER EDUCATION PROGRAM.
Instructor permission required 1st week.
9615005  1 MW 9:00-10:45
MEETS: OCT 16-DEC 15

Fund Team Sports  KIN  232  1 CREDIT
Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
Instructor required permission required 1st week.
9616005  1 TR 12:40-2:00
MEETS: AUG 21-DEC 15

Plan Success Health  KIN  242X  0.5 CREDIT
Prereq: KIN H MAJOR IN PHF OPTION WITH SOPHMORE CLASSIFICATION OR ABOVE
Satisfactory-Fail Only.
4697005  1 MK 12:10-3:00
MEETS: AUG 21-DEC 15
4697010  2 F 1:10-2:00
MEETS: AUG 21-DEC 15

Kinesiology Professorship  KIN  252  1 CREDIT
Course delivery is WWW
7415005  2 ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION 1 RESTRICTED TO KIN H, P ATR, PDEXA, PDEHX MAJORS ONLY

Orien Kinesiology  KIN  253  1 CREDIT
Prereq: CONCURRENT ENROLLMENT OR CREDIT IN KIN 252
Satisfactory-Fail Only.
7498005  1 W 12:10-1:00
MEETS: AUG 21-DEC 15
7498010  2 F 12:10-1:00
MEETS: AUG 21-DEC 15
7498015  3 W 12:10-1:00
MEETS: AUG 21-DEC 15
Note: SECTION 2 RESTRICTED TO KIN H, A TR, P ATR, PDEXA, PDEHX MAJORS ONLY
7498020  4 M 12:10-1:00
MEETS: AUG 21-DEC 15
7498025  5 ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION 4 RESTRICTED TO KIN H, A TR, P ATR, PDEXA, PDEHX MAJORS ONLY
Course delivery is WWW
7498030  6 W 12:10-1:00
MEETS: AUG 21-DEC 15
Note: SECTION 5 RESTRICTED TO KIN H, A TR, P ATR, PDEXA, PDEHX MAJORS ONLY
7498035  7 F 12:10-1:00
MEETS: AUG 21-DEC 15
Note: SECTION 6 RESTRICTED TO KIN H, A TR, P ATR, PDEXA, PDEHX MAJORS ONLY

Phys Fitness & Cond  KIN  258  2 CREDITS
Prereq: MAJOR IN KINESIOLOGY OR HEALTH ONLY
Note: LECTURES (REPRESENTED BY THE ARRANGED TIME) WILL BE DELIVERED VIA WWW. THE SCHEDULED CLASSROOM TIMES ARE LABS. RESTRICTED TO PDEKA, PDEKH, D EXA, D EXH, KIN H, A TR, P ATR MAJORS. CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Satisfactory-Fail Only.
5732005  1A TR 8:00-8:50, ARRANGED
MEETS: AUG 21-DEC 15
5732010  1B TR 8:00-8:50, ARRANGED
MEETS: AUG 21-DEC 15
5732015  2A TR 9:00-9:50, ARRANGED
MEETS: AUG 21-DEC 15
5732020  2B TR 9:00-9:50, ARRANGED
MEETS: AUG 21-DEC 15
5732025  3A TR 10:00-10:50
MEETS: AUG 21-DEC 15
5732030  3B TR 10:00-10:50
MEETS: AUG 21-DEC 15
5732035  4A TR 11:00-11:50
MEETS: AUG 21-DEC 15
5732040  4B TR 11:00-11:50
MEETS: AUG 21-DEC 15
PHYSICAL EDUCATION & KIN
5732045  5A  TR 12:10-1:00  MEETS: AUG 21-DEC 15
5732050  5B  TR 12:10-1:00  MEETS: AUG 21-DEC 15
5732055  6A  TR 1:10-2:00  MEETS: AUG 21-DEC 15
5732060  6B  TR 1:10-2:00  MEETS: AUG 21-DEC 15
5732065  7A  TR 2:10-3:00  MEETS: AUG 21-DEC 15
5732070  7B  TR 2:10-3:00  MEETS: AUG 21-DEC 15

LEADERSHIP TECHNICAL KIN 259  2 CREDITS
Prereq: KIN 258
Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR, PDEXA, PDEXH, KIN, KIN H, MAJORS ONLY
9622005  W 11:00-12:00  MEETS: AUG 21-DEC 15
9622010  W 11:00-12:00  MEETS: AUG 21-DEC 15

ADVANCED STRENGTH TRAINING KIN 266  2 CREDITS
Prereq: KIN 258
Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, KIN, KIN H, MAJORS ONLY
7421005  TR 8:00-9:20  MEETS: AUG 21-DEC 15
7421010  TR 9:30-10:50  MEETS: AUG 21-DEC 15

FIELD EXPERIENCE ELEMENTARY EDUCATION KIN 280  1 CREDIT
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
5736005  F 8:00-11:30  MEETS: AUG 21-DEC 15
5736010  R 8:00-11:30  MEETS: AUG 21-DEC 15

FIELD EXPERIENCE SECONDARY EDUCATION KIN 282  1 CREDIT
Prereq: ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM
Satisfactory-Fail Only.
2959005  TR 3:30-6:00PM  MEETS: AUG 21-DEC 15

ELED-PRESCHOOL MVMT ED KIN 284  3 CREDITS
Prereq: 3 CREDITS IN HUMAN DEVELOPMENT AND FAMILY STUDIES
Note: OPEN TO NON PHYSICAL EDUCATION MAJORS
KIN, KIN H, D EXA, D EXH, P ATR, PDEXA, PDEXH, FSHNA, FSHNH MAJORS
5737005  TR 8:00-10:50  MEETS: AUG 21-DEC 15

PRE-INTERNSHIP KIN/ATHLETICS KIN 285  1-2 CREDITS
Prereq: KINESIOLOGY AND HEALTH MAJOR, AND PERMISSION OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
8750005  ARRANGED  MEETS: AUG 21-DEC 15

INDEPENDENT STUDY KIN 290  1 CREDIT
Note: Instructor permission required.
******
SEE DEPT FOR REFERENCE NUMBERS

ELEM SCH MOVEMENT ED KIN 312  3 CREDITS
Prereq: ADMISSION TO EDUCATION PREPARATION PROGRAM; KIN 288
Note: CREDIT FOR EITHER KIN 284 OR KIN 312.
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO KIN H MAJORS ONLY.
Instructor permission required 1st week.
5735005  TR 1:10-3:00  MEETS: AUG 21-DEC 15

COACHING ADMINISTRATION KIN 315  3 CREDITS
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
5572005  TR 11:00-1:00  MEETS: AUG 21-DEC 15

MGT HEALTH-FITNESS PROGRAM KIN 345  3 CREDITS
Note: SECTION 1 RESTRICTED TO A TR, D EXA, D EXH, KIN, FSHNA, FSHNH MAJORS
7697005  TR 9:30-10:45  MEETS: AUG 21-DEC 15
5765010  TR 9:30-10:45  MEETS: AUG 21-DEC 15

BIOENGINEERING KIN 355  3 CREDITS
Prereq: PHYS 111 OR PHYS 115
5752005  TR 8:00-9:50  MEETS: AUG 21-DEC 15

PHYSIOLOGY EXERCISE KIN 356  3 CREDITS
Note: SECTION 1 RESTRICTED TO A TR, D EXA, D EXH, KIN, KIN H, D EXA, D EXH, P ATR, PDEXA, PDEXH, FSHNA, FSHNH MAJORS
5766005  TR 12:10-1:00  MEETS: AUG 21-DEC 15
5766010  TR 12:10-1:00  MEETS: AUG 21-DEC 15

SOCIAL SCIENCE KIN 360  3 CREDITS
Prereq: SOC 134 OR STAT 104 OR 226/326 OR OR 471
Note: Instructor permission required 1st week.
5753005  F 10:00-11:50  MEETS: AUG 21-DEC 15

SPORT PSYCHOLOGY KIN 365  3 CREDITS
Prereq: PSYCH 101 OR PSYCH 230
Note: Instructor permission required 1st week.
5754005  W 2:10-3:00, ARRANGED  MEETS: AUG 21-DEC 15
5754010  W 2:10-3:00, ARRANGED  MEETS: AUG 21-DEC 15

SPORTS MEDICINE KIN 471  3 CREDITS
Prereq: KIN 365
Note: RESTRICTED TO MAJORS OTHER THAN A TR, D EXA, D EXH, P ATR, PDEXA, PDEXH
KIN, KIN H, D EXA, D EXH, P ATR, PDEXA, PDEXH, FSHNA, FSHNH MAJORS
KINESIOLOGY

EXERCISE PSYCHOLOGY  KIN 366  3 CREDITS
Prereq: PHCY 101 OR PSYCH 230
7190005  1 TR 2:10-3:25  MEETS: AUG 21-DEC 15
Note: SEC 1 RESTRICTED TO A TR, D EAX, D EXX, KIN H, P ATR, PDEXA, PDEXH JRS AND SENIORS AND KIN, FSUNH, FSUNA MAJORS
719010  2 TR 2:10-3:25  MEETS: AUG 21-DEC 15
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR, D EAX, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH JRS AND SENIORS AND KIN, FSUNH, FSUNA MAJORS

MOTOR CONTROL LIFEESP  KIN 372  3 CREDITS
Prereq: PSYCH 101 OR PSYCH 230, BIOL 255,256
9623005  1A MWF 8:00-8:50  MEETS: AUG 21-DEC 15
9623010  1B MWF 8:00-8:50  MEETS: AUG 21-DEC 15
9623020  2B MWF 9:00-9:50  MEETS: AUG 21-DEC 15

STRATG PRO SCHLFLD  KIN 385  .5 CREDIT
Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN MINIMUM OF TWO SEMESTERS PRIOR TO GRADUATION OR FIELD EXPERIENCE PLACEMENT
Note: COURSE RESTRICTED TO A TR, DEX A, DEX H, KIN, KIN H, PDEXA, PDEXX JRS AND ABOVE
Satisfactory-Fail Only.
5761005  1 MWF 1:10-2:00, ARRANGED  MEETS: AUG 21-OCT 13
5761010  2 F 1:10-2:00, ARRANGED  MEETS: AUG 21-OCT 13

SRV LRN LEADERSHIP  KIN 391  1-3 CREDITS
Satisfactory-Fail Only.
6691005  1 ARRANGED  MEETS: AUG 21-DEC 15

ADAPTED PHYSICAL ED  KIN 395  3 CREDITS
Prereq: ADMISSION TO EDUCATOR PREPARATION PROGRAM; KIN 280 OR KIN 281
Note: CREDIT FOR EITHER KIN 395 OR KIN 595, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
5760005  1 MW 12:10-1:20  MEETS: AUG 21-DEC 15
F 1:10-3:00  MEETS: AUG 21-DEC 15
576010  2 MW 12:10-1:20  MEETS: AUG 21-DEC 15
F 10:00-11:30  MEETS: AUG 21-DEC 15

RECREATIONAL SPORT MGT  KIN 399  3 CREDITS
Prereq: SEC 134
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
6217005  1 MWF 10:30-12:00  MEETS: AUG 21-DEC 15

SUPR TCHG-SECONDARY  KIN 417  VAR. CREDITS
Prereq: KIN 281, KIN 282, KIN 313, KIN 355, KIN 395, KIN 471, KIN 475; MUST BE FULLY ADMITTED TO TEACHER EDUCATION AND MUST APPLY FOR APPROVAL TO ENROLL AT THE BEGIN OF THE SEMESTER PRIOR TO REGISTERING
Note: COURSE ONLY OFFERED FOR 1-8 CREDITS FALL 2017. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM - MUST APPLY FOR APPROVAL TO ENROLL AT BEGINNING OF THE SEMESTER PRIOR TO REGISTERING. Department permission required.
5764005  1A ARRANGED  MEETS: AUG 21-OCT 13
5764010  1R ARRANGED  MEETS: AUG 21-OCT 13
5764015  2A ARRANGED  MEETS: OCT 16-DEC 15
5764020  2R ARRANGED  MEETS: OCT 16-DEC 15

FUNCTIONAL ANATOMY  KIN 480  3 CREDITS
Prereq: KIN 355; BIOL 155 OR BIOL 255 AND BIOL 256
Note: COURSE RESTRICTED TO KIN H, D EXA, D EXH, A TR, P ATR, PDEXA, PDEXH JRS AND SENIORS AND KIN GRADUATE STUDENTS
6175005  1R TR 2:10-3:25  MEETS: AUG 21-DEC 15

KINESIOLOGY

SUPR TCHG-ELEMENTARY  KIN 418  8 CREDITS
Prereq: KIN 280, KIN 282, KIN 312, KIN 355, KIN 395, KIN 471, KIN 475, MUST BE FULLY ADMITTED TO TEACHER EDUCATION AND MUST APPLY FOR APPROVAL TO ENROLL AT THE BEGIN OF THE SEMESTER PRIOR TO REGISTERING
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM - MUST APPLY FOR APPROVAL TO ENROLL AT BEGINNING OF THE SEMESTER PRIOR TO REGISTERING. Department permission required.
5765005  1A ARRANGED  MEETS: AUG 21-OCT 13
5765010  1R ARRANGED  MEETS: AUG 21-OCT 13
5765015  2A ARRANGED  MEETS: OCT 16-DEC 15
5765020  2R ARRANGED  MEETS: OCT 16-DEC 15

PRIN FITNESS ASSESS  KIN 458  4 CREDITS
Prereq: KIN 258, KIN 358
Note: COURSE RESTRICTED TO KIN H, D EXA, D EXH, A TR, P ATR, PDEXA, PDEXH JRS AND SENIORS AND KIN GRADUATE STUDENTS
5767005  1 MWF 1:10-2:00  MEETS: AUG 21-DEC 15
5767010  2 MWF 1:10-2:00  MEETS: AUG 21-DEC 15
5767015  1 MF 1:10-2:00  MEETS: AUG 21-DEC 15
5767020  2 MF 1:10-2:00  MEETS: AUG 21-DEC 15
5767025  1 MF 1:10-2:00  MEETS: AUG 21-DEC 15
5767030  1 MF 1:10-2:00  MEETS: AUG 21-DEC 15

INTERN EXER LEADERSHIP  KIN 459  1 CREDIT
Prereq: C- OR BETTER IN KIN 399, CPR CERTIFICATION, CURRENT ENROLLMENT IN KIN 458
Note: COURSE RESTRICTED TO KIN H JUNIORS AND ABOVE; AND FSUNH, FSUNA, KIN GRADUATE STUDENTS
3473005  1 ARRANGED  MEETS: AUG 21-DEC 15

MEDIC ASPECTS EXERCISE  KIN 462  3 CREDITS
Prereq: KIN 355
Note: COURSE RESTRICTED TO KIN H, D EXA, D EXH, A TR, P ATR, PDEXA, PDEXH JRS AND SENIORS AND FSUNH, FSUNA, KIN GRADUATE STUDENTS
5763005  1 MF 9:00-9:50  MEETS: AUG 21-DEC 15
5763010  2 TR 8:00-9:20  MEETS: AUG 21-DEC 15

PHYSICAL DIMENSIONS  KIN 473  3 CREDITS
Prereq: KIN 355 OR KIN 358 OR KIN 372
Note: COURSE RESTRICTED TO KIN H JUNIORS AND ABOVE; AND FSUNH, FSUNA, KIN GRADUATE STUDENTS
8750705  1 TR 9:30-10:50  MEETS: AUG 21-DEC 15

NEURAL BASIS OF MOVEMENT  KIN 474  3 CREDITS
Prereq: KIN 372 OR PSYCH 310
Note: COURSE RESTRICTED TO KIN H JUNIORS AND ABOVE; AND FSUNH, FSUNA, KIN GRADUATE STUDENTS
7322005  1 TR 9:30-10:50  MEETS: AUG 21-DEC 15

FUNCTIONAL ANATOMY  KIN 480  3 CREDITS
Prereq: KIN 355; BIOL 155 OR BIOL 255 AND BIOL 256
Note: COURSE RESTRICTED TO KIN H, D EXA, D EXH, A TR, P ATR, PDEXA, PDEXH JRS AND SENIORS AND KIN GRADUATE STUDENTS
6175005  1R TR 2:10-3:25  MEETS: AUG 21-DEC 15
KINESIOLOGY (CONTINUED)

INTERNSH FITNSS MGT KIN 485A 1-16 CREDITS
Prereq: C- OR BETTER IN KIN 458A, KIN 459, KIN 462
KINESIOLOGY AND HEALTH MAJORS ONLY; CUM GPA 2.0
Satisfactory-Fail Only.
5772005 1 ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION 1 OFFERED FOR 8-16 CREDITS
Instructor permission required.
5772010 2 ARRANGED
MEETS: AUG 21-DEC 15
Note: SECTION 2 OFFERED FOR 1 CREDIT
5772600 XW ARRANGED POWER D
MEETS: AUG 21-DEC 15
Note: Instructor permission required.
Section XW is off campus.
Course delivery is Independent study

IND STUDY EXER&SPRT KIN 490A 1-3 CREDITS
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND
PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS KIN 490H 1-2 CREDITS
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND
PERMISSION OF COORDINATOR
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
HONORS PROGRAM ONLY
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

PRACTM MOTIV INTRW KIN 494X 2 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION.
PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

EXPERIENCE KIN 500 2 CREDITS
Prereq: KIN 358 OR EQUIVALENT COURSE WITH BASIC
LAB EXPERIENCE
5781005 1 M 4:10-6:00PM
ARRANGED
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

PHYS ACTV STRAT YTH KIN 511X 3 CREDITS
6394005 ARRANGED
MEETS: AUG 21-DEC 15

MOVEMENT ED ELEMENTRY KIN 512 3 CREDITS
7413005 WW 1:10-3:00
MEETS: AUG 21-DEC 15

INJURY BIOMECHANICS KIN 515 3 CREDITS
Prereq: KIN 355 OR PERMISSION OF INSTRUCTOR
9573005 TR 2:10-3:30
MEETS: AUG 21-DEC 15

ADV VERTB PHYSIO I KIN 549 4 CREDITS
Prereq: BICL 335; CREDIT OR ENROLLMENT IN BMMB
404 OR BIOL 300
2329005 TR 8:00-9:50
MEETS: AUG 21-DEC 15

ADV PHYSIO EXERC I KIN 550 3 CREDITS
Prereq: KIN 505
5791005 TR 4:10-6:00PM
ARRANGED
MEETS: AUG 21-DEC 15

PHYS FIT:PRIN,PROG, KIN 558 3 CREDITS
Prereq: KIN 358
5793005 W 2:10-4:00
MEETS: AUG 21-DEC 15

NEURAL BASIS HM MVT KIN 572 3 CREDITS
Prereq: KIN 372 OR PSYCH 310
7327005 TR 9:30-10:30
MEETS: AUG 21-DEC 15

PE CURRIC DSN & ORG KIN 575 3 CREDITS
7460005 TR 9:30-10:50
MEETS: AUG 21-DEC 15

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 PHYS KIN 590C 1-3 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY (CONTINUED)

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 BIOMECHNCS KIN 590H 1-3 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH ETHCS KIN 590I 1-3 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E KIN 591A 1-6 CREDITS
Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
******* SEE DEPT FOR REFERENCE NUMBERS

SUP FL EXP EX PHYS KIN 591D 1-6 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

PRACTM COLLEGE TCCHG KIN 592 1-2 CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

ADAPTED PHYSICL EDUC KIN 595 3 CREDITS
Prereq: ADMISSION TO EDUCATOR PREPARATION PROGRAM
Note: KIN 595 MAY NOT BE TAKEN BY STUDENTS WHO
HAVE PREVIOUSLY EARNED CREDIT IN KIN 395.
RESTRICTED TO KIN MAJORS ONLY.
Instructor permission required 1st week.
5796005 1 MW 12:10-1:00
MEETS: AUG 21-DEC 15
5796010 2 MW 12:10-1:00
MEETS: AUG 21-DEC 15

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 ONLY OFFERED FOR 1 CREDIT FALL 2017
5812005 1 F 1:10-2:00
MEETS: AUG 21-DEC 15

ADV RESR MTHDS ACTV KIN 620 3 CREDITS
Prereq: KIN 501, STAT 401, STAT 402, DOCTORAL
PROGRAM STUDENT
7461005 M 4:10-5:00
MEETS: AUG 21-DEC 15

RESEARCH KIN 699 1-6 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

STUDIO:LANDSC INTRP L A 201 6 CREDITS
Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM
Note: COURSE RESTRICTED TO L A MAJORS ONLY
Instructor permission required 1st week.
4765005 MWF 1:10-5:30
MEETS: AUG 21-DEC 15

NATIV PHTS MIDWEST L A 221 3 CREDITS
Note: COURSE RESTRICTED TO L A MAJORS ONLY
6091005 TR 8:00-8:50
MEETS: AUG 21-DEC 15

CULTURL LANDSC STUD L A 272 3 CREDITS
Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM
Note: COURSE RESTRICTED TO L A MAJORS ONLY
Meets U.S. diversity reqmt
6095005 M 5:00-10:30
MEETS: AUG 21-DEC 15
LANDSCAPE ARCHITECTURE (CONTINUED)

**SITE DESIGN II**

L A 301 6 CREDITS

Prereq: L A 202

Note: Instructor permission required 1st week.

6108005

TR 2:10-3:30, ARRANGED

MEETS: AUG 21-DEC 15

**FUND REMOTE SENSING**

L A 454 3 CREDITS

Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR

6209005

TR 8:00-9:50, GELDER B

MEETS: AUG 21-DEC 15

**SHAPING THE LAND**

L A 381 3 CREDITS

Note: Instructor permission required 1st week.

4782005

F 10:00-11:50

MEETS: AUG 21-DEC 15

**URBAN DESIGN**

L A 402 6 CREDITS

Prereq: L A 302

6174005

A F 1:10-5:20

MEETS: AUG 21-DEC 15

6174010

B F 1:10-5:20

MEETS: AUG 21-DEC 15

**URBAN DESIGN**

L A 402H 7 CREDITS

Prereq: L A 302

Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY

Instructor permission required.

6415005

F 10:00-11:50, ARRANGED

MEETS: AUG 21-DEC 15

**SR THESIS PREP TUTR**

L A 403H 2 CREDITS

Prereq: L A 402, PERMISSION OF THESIS ADVISOR, ENROLLMENT IN HONORS PROGRAM

6176005

ARRANGED

MEETS: AUG 21-DEC 15

**ADV LAND ARC DESIGN**

L A 404 6 CREDITS

Prereq: L A 401

Note: Instructor permission required 1st week.

4781005

R WF 1:10-5:20

MEETS: AUG 21-DEC 15

4781010

R WF 1:10-5:20

MEETS: AUG 21-DEC 15

**ADV LAND ARC DESIGN**

L A 404H 6-7 CREDITS

Prereq: L A 401. MEMBERSHIP IN UNIV HONORS PROGRAM.

Note: COURSE ONLY OFFERED FOR 6 CREDITS FALL 2017

Instructor permission required.

7150005

WF 1:10-5:20

MEETS: AUG 21-DEC 15

**LAND ARCH INTERNSHIP**

L A 444A R CREDIT

Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR

3036005

ARRANGED

MEETS: AUG 21-DEC 15

**L ARCH STUDY ABROAD**

L A 444B R CREDIT

Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR

6212005

ARRANGED

MEETS: AUG 21-DEC 15

**LA NAT'L STDT XCHNG**

L A 444C R CREDIT

Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR

6213005

ARRANGED

MEETS: AUG 21-DEC 15

**TOPIC NATURL RSOURC**

L A 478N 2-3 CREDITS

Prereq: L A 202 OR SENIOR OR GRADUATE STANDING

Note: COURSE RESTRICTED TO 3 CREDITS FALL 2017

3741005

TR 3:40-5:00

MEETS: AUG 21-DEC 15

**LANDSCAP CONSTRCTN**

L A 481 3 CREDITS

6222005

TR 11:00-12:30

MEETS: AUG 21-DEC 15

**IND STDY LAND DSIGN**

L A 490A 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**IND STDY PLNTNG DSN**

L A 490B 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**IND STDY URBAN DSGN**

L A 490F 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**IND STDY GRAPHICS**

L A 490G 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**IND STDY HONORS**

L A 490H 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**IND STDY ECO DESIGN**

L A 490L 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**IND STDY CMPTR APPL**

L A 490K 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**IND STDY CONSTRUCT**

L A 490C 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**IND STDY LAND DSIGN**

L A 490D 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**IND STU LANDSC PLAN**

L A 490E 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**IND STU INT'L STUDI**

L A 490J 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**IND STU CMPT Applied**

L A 490K 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**IND STU NATU RESRCE**

L A 490N 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**IND STU LANDSC PLAN**

L A 490F 1-6 CREDITS

Prereq: INSTR & DEPT CHAIR Approval on REQ'D FORM

Note: Instructor permission required 1st week.

**FIELD TRAVEL**

L A 509 1 CREDIT

Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM, PERMISSION OF INSTRUCTOR Satisfactory-Pass only.

8788005

ARRANGED

MEETS: AUG 21-DEC 15
LANDSCAPE ARCHITECTURE (CONTINUED)

ADV PLANT TECHNOLOGY  L A  522  3 CREDITS
Prereq: JUNIOR OR GRADUATE STANDING
9453005
R 12:40-2:00
MEETS: AUG-DEC 15

COLIQ II: INTDSC RES  L A  545  1 CREDIT
Prereq: GRADUATE STANDING
Satisfactory-Fail Only.
4026005
T 12:40-1:50
MEETS: AUG-DEC 15

FUND REMOTE SENSING  L A  554  3 CREDITS
2744005
MW 8:00-9:50
GELDER B
MEETS: AUG-DEC 15

LANDSCP ARCH THEORY  L A  571  3 CREDITS
Prereq: SENIOR OR GRADUATE STANDING
Note: Instructor permission required 1st week.
4803005
T 5:10-8:00PM
MEETS: AUG-DEC 15

TOPIC COMPUTER APP  L A  578K  2- 3 CREDITS
Prereq: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2017
8758005
MW 8:30-9:50
MEETS: AUG-DEC 15

THESIS,CRTV CMP,TUT  L A  580  1- 4 CREDITS
Prereq: PERMISSION OF MAJOR PROFESSOR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

LANDSCP TOPOGRAPHCS  L A  583  3 CREDITS
Prereq: L A 602
8758005
MW 10:00-11:50
MEETS: AUG-DEC 15

SPL TOP LANDSC DSNG  L A  590A  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSNG  L A  590B  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRCTN  L A  590C  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS HISTORY  L A  590D  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC PLAN  L A  590E  1- 6 CREDITS
Prereq: GRADUATE STANDING
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSIGN  L A  590F  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS  L A  590G  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP  L A  590I  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI  L A  590J  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMTR APPL  L A  590K  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECO DESIGN  L A  590L  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL/BEHAV  L A  590M  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPU NATU RESRCE  L A  590N  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  L A  599  1- 8 CREDITS
Prereq: PERMISSION OF MAJOR PROF
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

STUDIO I: DESIGN RE  L A  601  3 CREDITS
Prereq: GRADUATE STANDING
8306005
F 9:00-11:30
MEETS: AUG-DEC 15

STUDIO III: PERMFC SCP  L A  603  6 CREDITS
Prereq: L A 602
8761005
MF 1:10-5:20
MEETS: AUG-DEC 15

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 I  LATIN 101  4 CREDITS
Note: STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS OF HIGH SCHOOL LATIN MAY NOT ENROLL IN 101. TEST OUT NOT AVAILABLE IF ALSO REGISTERED.
4854005
1 MTWF 10:00-10:50
MEETS: AUG-DEC 15
4854010
2 MTWF 1:10-1:50
MEETS: AUG-DEC 15

INDEPENDENT STUDY  LATIN 490  1- 6 CREDITS
Prereq: 6 CR IN LATIN; PERMISSION OF DEPT CHAIR
Note: NO MORE THAN 3 CREDITS IN LATIN 490 MAY BE APPLIED TOWARD GRADUATION.

LEADERSHIP STUDIES

LEADING WITH PURPOSE  LD ST 122  1 CREDIT
9525005
1 R 3:40-5:30
MEETS: AUG-OCT 13
9525010
2 R 3:40-5:30
SHAMBURGER K
MEETS: OCT-DEC 15

CAMPUS LDRSHP DEVEL  LD ST 270  3 CREDITS
9524005
A T 3:10-4:30
MEETING TIMES VARY
9524010
B T 3:10-4:30
MEETING TIMES VARY
9524025
E T 3:10-4:30
MEETING TIMES VARY

STUDIO I:DESIGN RE  L A  601  3 CREDITS
Prereq: GRADUATE STANDING
8306005
F 9:00-11:30
MEETS: AUG-DEC 15

STUDIO III:PERMFC SCP  L A  603  6 CREDITS
Prereq: L A 602
8761005
MF 1:10-5:20
MEETS: AUG-DEC 15

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

Independent Study  Latin 490  1- 6 CREDITS
Prereq: 6 Cr in Latin; permission of dept chair
Note: No more than 3 credits in Latin 490 may be applied toward graduation.

Leadership Studies

Leading with Purpose  Ld St 122  1 Credit
9525005  1 R 3:40-5:30
Snyder-Yuly J
9525010  2 R 3:40-5:30
Shamburger K
MEETS: OCT-DEC 15

Section 2 for students in the men of color organization

E. Leadership Studies

Thesis Research  Latin 699  1- 8 Credits
Prereq: Permission of major professor
Note: Instructor permission required 1st week.
******* See dept for reference numbers

Latin

Elementary Latin I  Latin 101  4 Credits
Note: Students who have completed one or more years of high school Latin may not enroll in 101. Test out not available if also registered.
4854005  1 MTWF 10:00-10:50
MEETS: AUG-DEC 15
4854010  2 MTWF 1:10-1:50
MEETS: AUG-DEC 15

Independent Study  Latin 490  1- 6 Credits
Prereq: 6 cr in Latin; permission of dept chair
Note: No more than 3 credits in Latin 490 may be applied toward graduation.

Leadership Studies

Leading with Purpose  Ld St 122  1 Credit
9525005  1 R 3:40-5:30
Snyder-Yuly J
9525010  2 R 3:40-5:30
Shamburger K
MEETS: OCT-DEC 15

Section 2 for students in the men of color organization

Campus Leadership Development  Ld St 270  3 Credits
9524005  A T 3:10-4:30
MEETING TIMES VARY
9524010  B T 3:10-4:30
MEETING TIMES VARY
9524025  E T 3:10-4:30
MEETING TIMES VARY

Thesis Research  Latin 699  1- 8 Credits
Prereq: Latin 604

Studio I: Design Research  Latin 601  3 Credits
Prereq: Graduate standing
8306005  F 9:00-11:30
MEETS: AUG-DEC 15

Studio III: Performance SCP  Latin 603  6 Credits
Prereq: Latin 602
8761005  MF 1:10-5:20
MEETS: AUG-DEC 15

Thesis Research  Latin 699  1- 8 Credits
Prereq: Permission of major professor
Note: Instructor permission required 1st week.
******* See dept for reference numbers
## LEADERSHIP STUDIES

### SPECIAL PROJECTS
- **LD ST 290** 1-3 CREDITS
  - Prereq: Freshman or Sophomore classification, permission of the instructor.
  - Satisfactory-Fail Only.
  - DEPT REFERENCE NUMBERS

### LDRSHIP DIVERSE SOCI
- **LD ST 322** 3 CREDITS
  - Prereq: Sophomore classification
  - Note: Meets L.A. diversity reqn

### SECTION 5 FOCUS - BRINGING NUMBERS TO LIFE
- **MEETS: AUG 21-DEC 15**
  - W 4:10-5:00
  - 7465025

### SECTION 4 FOCUS - CREATIVE SOLUTIONS TO BY CLIMATE CHANGE
- **MEETS: AUG 21-DEC 15**
  - W 4:10-5:00
  - 7465020

### SECTION 3 FOCUS - HELPING PEOPLE: THE HEALTH
- **MEETS: AUG 21-DEC 15**
  - W 4:10-5:00
  - 7465015

### SECTION 2 FOCUS - Satisfactory-Fail Only.
- **MEETS: AUG 21-DEC 15**
  - S 6:00-9:00
  - 4837005

### TOPICS SOCIAL SCIEN
- **MEETS: AUG 21-DEC 15**
  - MWF 1:10-2:00
  - 7875005

### BOLD LRDG CMN ORIE
- **MEETS: AUG 21-DEC 15**
  - W 4:10-6:00PM
  - 8953005

### DEANS LDRSHIP SMR
- **MEETS: AUG 21-DEC 15**
  - W 4:10-6:00PM
  - 8010010

### SPJ PROJ: ADVISING
- **MEETS: AUG 21-DEC 15**
  - W 4:10-5:00
  - 7387005

### SPECIAL PROJECTS
- **MEETS: AUG 21-DEC 15**
  - W 4:10-5:00
  - Satisfactory-Fail Only.
  - INSTRUCTOR permission required.

### INDEPENDENT STUDY
- **MEETS: AUG 21-DEC 15**
  - W 4:10-5:00
  - 7387005

### LEAVES & LEADERSHIP SCIENCES

### FOUND LEARNING TEAM
- **LAS 112** 2 CREDITS
  - 3590005

### HABITS OF MIND LDRS
- **LAS 212** 2 CREDITS
  - 3591005

### LANGUAGE & PRACTCE
- **LAS 412** 3 CREDITS
  - 3595000

### LIBERAL ARTS & SCIENCES (CONTINUED)

### ORIENTATION
- **LAS 101** 1 CREDIT
  - Satisfactory-Fail Only.
  - 6241005

### LIBRO & SCI FRONTIERS
- **LAS 103D** 1 CREDIT
  - Note: No more than 3 total credits of LAS 103X, LAS 103A, LAS 103B, LAS 103C, LAS 103D, and LAS 103E may be applied toward graduation.
  - Satisfactory-Fail Only.
  - 7465005

### MATH &SCI FRONTIERS
- **MEETS: AUG 21-DEC 15**
  - M 3:10-4:00
  - 7465010

### SECTION 5 TOPIC: PRE-LAW CAPSTONE
- **MEETS: AUG 21-DEC 15**
  - MWF 1:10-2:00
  - 7875005

### INTERNSHIP/CO-OP
- **LAS 298** R CREDIT
  - Prereq: Permission of the College of Las.

### INTERNSHIP/CO-OP
- **LAS 398** R CREDIT
  - Prereq: Permission of the College of Las.

### INTERNSHIP/CO-OP
- **LAS 498** R CREDIT
  - Prereq: Permission of the College of Las.

### INDEPENDENT STUDY
- **LAS 490A** VAR. CREDITS
  - Satisfactory-Fail Only.

### IND STY ENTREPREN
- **LAS 490E** VAR. CREDITS
  - Prereq: Permission of the Dean of LAS.

### INTERNSHIP
- **LAS 499** 1-4 CREDITS
  - Prereq: Permission of the College of Las.

### BOLD LRNG CMN ORIE
- **LAS 105** 1 CREDIT

### DEANS LDRSHIP SMR
- **LAS 151** 1 CREDIT

### SPJ PROJ: ADVISING
- **MEETS: AUG 21-DEC 15**
  - W 4:10-5:00
  - 7387005

### SPECIAL PROJECTS
- **MEETS: AUG 21-DEC 15**
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  - Satisfactory-Fail Only.
  - INSTRUCTOR permission required.

### INDEPENDENT STUDY
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  - INSTRUCTOR permission required.

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MANAGEMENT INFORMATION SYSTEMS

FUND CPTR PROGRAM MGR 507 3 CREDITS
Preql: MATH 150 OR PLACEMENT INTO MATH 140/141/MATH 142/145X OR HIGHER
Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT NOT BOTH, MAY BE APPLIED TOWARDS GRADUATION.
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.

4394005 A1 TR 11:00-12:15
MEETS: AUG 21-DEC 15
4394010 A2 TR 11:00-12:15
MEETS: AUG 21-DEC 15
4394015 B1 TR 11:00-12:15
MEETS: AUG 21-DEC 15
4394020 B2 TR 11:00-12:15
MEETS: AUG 21-DEC 15
4394025 C1 TR 11:00-12:15
MEETS: AUG 21-DEC 15
4394030 C2 TR 11:00-12:15
MEETS: AUG 21-DEC 15
4394035 D1 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
4394040 D2 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
4394045 E1 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
4394050 E2 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
4394055 F1 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
4394060 F2 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
4394065 G1 TR 9:30-10:45
MEETS: AUG 21-DEC 15
4394070 G2 TR 9:30-10:45
MEETS: AUG 21-DEC 15
4394075 J1 MWF 9:00-10:00
MEETS: AUG 21-DEC 15
4394080 J2 MWF 9:00-10:00
MEETS: AUG 21-DEC 15
4394085 K1 MWF 11:00-12:15
MEETS: AUG 21-DEC 15
4394090 K2 MWF 11:00-12:15
MEETS: AUG 21-DEC 15
4394095 L1 TR 5:10-6:25PM
MEETS: AUG 21-DEC 15
4394100 L2 TR 5:10-6:25PM
MEETS: AUG 21-DEC 15
4394105 M1 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
4394110 M2 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
4394115 N1 TR 8:00-9:15
MEETS: AUG 21-DEC 15
4394120 N2 TR 8:00-9:15
MEETS: AUG 21-DEC 15
4394125 P1 TR 3:40-5:00
MEETS: AUG 21-DEC 15
4394130 P2 TR 3:40-5:00
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### MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

#### INTRO BSNSS ANALYTCS

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<td>MIS 436</td>
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<td>MIS 320</td>
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**MEETS:** AUG 31-NOV 16

A 730005 A TR 2:10-3:25

MEETS: AUG 21-DEC 15

8713005 A TR 2:10-3:25

MEETS: AUG 21-DEC 15

8713015 B1 T 6:40-9:25PM

MEETS: AUG 21-DEC 15

8713020 B2 T 6:40-9:25PM

MEETS: AUG 21-DEC 15

SUPPLY CHAIN INFO SY

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**MEETS:** AUG 31-NOV 16

A 6850005 A1 MWF 3:10-4:00

MEETS: AUG 21-DEC 15

Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

ADV BUSINESS ANALYTCS

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**MEETS:** AUG 31-NOV 16

A 7690005 A TR 3:40-5:00

MEETS: AUG 21-DEC 15

Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

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**MEETS:** AUG 31-NOV 16

A 5291005 A TR 3:40-5:00

MEETS: AUG 21-DEC 15

Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

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**MEETS:** AUG 31-NOV 16

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MEETS: AUG 21-DEC 15

Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

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| MIS 490     | 1-3     | MIS 301 | This course is applicable only to those students who have an academic advisor in the college of business. | ***SEE DEPT FOR REFERENCE NUMBERS***

Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

CASE PRACTICUM

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**MEETS:** AUG 31-NOV 16

A 7819005 A T 11:00-6:25PM

MEETS: AUG 21-DEC 15

Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

MANAGEMENT INFO SYST

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<td>MIS 301</td>
<td>Enrollment in MBA program or departmental permission required. Course restricted to ACCT, FIN, SCIS GRADUATE MAJORS only.</td>
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Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

**MEETS:** AUG 31-NOV 16

A 9126005 A TR 9:00-11:50

MEETS: AUG 21-DEC 15

Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

DATA MGT DECISION MAKING

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A 2271005 A M 6:40-10:00PM

MEETS: AUG 28-NOV 13

PROJECT MANAGEMENT

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**MEETS:** AUG 29-NOV 14

BUS PROCESS SYSTEMS

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**MEETS:** AUG 29-NOV 14

SPECIAL TOPICS

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<td>MIS 590</td>
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**MEETS:** AUG 29-NOV 14

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**MEETS:** AUG 29-NOV 14

CREATIVE COMPONENT

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**MEETS:** AUG 29-NOV 14

RSEARCH PRACTICUM I

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**MEETS:** AUG 29-NOV 14

RSEARCH PRACTICUM II

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**MEETS:** AUG 29-NOV 14

RESEARCH

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| MIS 699     | 3-6     | MISS 501 | This course is applicable only to those students who have an academic advisor in the college of business. | ***SEE DEPT FOR REFERENCE NUMBERS***

Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

MARKETING

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**MEETS:** AUG 29-NOV 14

Creative Component
### MARKETING

#### PERSONAL SALES

**MKT** 343 3 CREDITS

- Prereq: MKT 340
- Note: Section A1, B1, etc. restricted to College of Business students. Section A2, B2, etc. for all other colleges. Courses not open to P BUS.

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**MEETS:** AUG 21-DEC 15

#### SERVICES MARKETING

**MKT** 351 3 CREDITS

- Prereq: MKT 340
- Note: Course restricted to undergraduate business students only, not open to P BUS.

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**MEETS:** AUG 21-DEC 15

#### PROMOTIONAL STRATEG

**MKT** 410 3 CREDITS

- Prereq: Credit or enrollment in MKT 447
- Note: Sections A1, B1 restricted to MKT majors only. Sections A2, B2 for all other majors. Course not open to P BUS. Graduate students go to 1200 Gerdin for permission to add.

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**MEETS:** AUG 21-DEC 15

#### STRATEG MKTG MGT

**MKT** 443 3 CREDITS

- Prereq: MKT 447
- Note: Course restricted to MKT seniors graduating '16

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**MEETS:** AUG 21-DEC 15

#### CUSTOMER RELATION MGT

**MKT** 445 3 CREDITS

- Prereq: MKT 340
- Note: Sections A1, B1 restricted to MKT majors only. Sections A2, B2 restricted to MKT majors other than MKT, P BUS.

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**MEETS:** AUG 21-DEC 15

### MARKETING (CONTINUED)

#### CONSUMER BEHAVIOR

**MKT** 447 3 CREDITS

- Prereq: MKT 340
- Note: Sections A1, B1, C1 restricted to MKT, AST, FS A, FS H, I TEC undergrad only. Sections A2, B2, C2 for other majors. Not open to P BUS. Graduate students go to 1200 Gerdin for permission to add.

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**MEETS:** AUG 21-DEC 15

#### GLOBAL MARKETING

**MKT** 448 3 CREDITS

- Prereq: MKT 447
- Note: Course restricted to MKT, I BUS majors only. Graduate students go to 1200 Gerdin for permission to add.

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**MEETS:** AUG 21-DEC 15

#### MATERIALS ENGINEERING

#### LNRG CMNTY SEMINAR

**MKT** E 101 1 CREDIT

- Prereq: Enrollment in Materials Science and Engineering learning community
- Satisfactory-Fail only.

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**MEETS:** AUG 21-DEC 15

#### STRUCTAL CHARAC MAT

**MKT** E 214 3 CREDITS

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**MEETS:** AUG 21-DEC 15
### MATERIALS ENGINEERING  (CONTINUED)

#### MATERIALS ENGINEERING  (CONTINUED)

**INTRO MTRLS SCI & ENG** MAT E 215  3 CREDITS
**Prereq:** MAT 165; CHEM 178 OR CHEM 167
**Note:** CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 273, MAT E 392. RESTRICTED TO MAT E MAJORS ONLY
7495005  
**MEET:** AUG 21-DEC 15

**INTRO MTRLS SCI & ENG** MAT E 215L  1 CREDIT
**Prereq:** CREDIT OR ENROLLMENT IN MAT E 215 OR MAT E 272 OR MAT E 392; MAJOR IN MATERIALS ENGINEERING
**Note:** RESTRICTED TO MAJOR IN MATERIALS ENGINEERING
7496005  
**MEET:** AUG 21-DEC 15

**INTRO MTRLS SCI II** MAT E 216  3 CREDITS
**Prereq:** MAT E 215, CHEM 178, CREDIT OR ENROLLMENT IN PHYS 222
**Note:** CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 272, MAT E 273, MAT E 392.
7497005  
**MEET:** AUG 21-DEC 15

**INTRO MTRLS SCI & ENG** MAT E 273  3 CREDITS
**Prereq:** SOPHOMORE CLASSIFICATION; CHEM 167 OR CHEM 177; MAT 165
**Note:** CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 272, MAT E 273, MAT E 392.
3814005  
**MEET:** AUG 21-DEC 15

**THERMODYN** MAT E 311  3 CREDITS
**Prereq:** MAT E 216, CREDIT OR ENROLLMENT IN PHYS 222, CREDIT OR ENROLLMENT IN MATHEMATICS 267
6316005  
**MEET:** AUG 21-DEC 15

**INTR ELEC PROP MATL** MAT E 317  3 CREDITS
**Prereq:** MAT E 2140, PHYS 222, MAJOR IN MATERIALS ENGINEERING
**Note:** COURSE RESTRICTED TO MAJOR IN MATERIALS ENGINEERING
7500005  
**MEET:** AUG 21-DEC 15

**INTRO CERAMIC SCIEN** MAT E 321  3 CREDITS
**Prereq:** MAT E 216  
6591005  
**MEET:** AUG 21-DEC 15

**SEMICON MTRLS & DEVICES** MAT E 332  3 CREDITS
**Prereq:** PHYS 222; ADDITIONAL PREREQ FOR MAT E MAJORS: MAT E 334; ADDITIONAL PREREQ FOR E E AND CPR E MAJORS: E E 230
6597005  
**MEET:** AUG 21-DEC 15

**METALS PROCESSING** MAT E 341  3 CREDITS
**Prereq:** MAT E 215 OR MAT E 271 OR MAT E 392, CLASSIFICATION AS A MAJOR
2910005  
**MEET:** AUG 21-DEC 15

---

### MATERIALS ENGINEERING  (CONTINUED)

**INTR POLYMER MTRLS** MAT E 351  3 CREDITS
**Prereq:** MAT E 216, CHEM 331, CREDIT OR ENROLLMENT IN MATHEMATICS 341
**Note:** CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 273, MAT E 392. RESTRICTED TO MAT E MAJORS ONLY
6615005  
**MEET:** AUG 21-DEC 15

**TOYING WITH TECHNOLOE** MAT E 370  3 CREDITS
**Prereq:** MAT E 216 OR MAT E 271
5939005  
**MEET:** AUG 21-DEC 15

**COOPERATIVE EDUC** MAT E 398  3 CREDITS
**Prereq:** PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

---

**SLAS** E 401  3 CREDITS
**Prereq:** SENIOR CLASSIFICATION IN MAT E
1858005  
**MEET:** AUG 21-DEC 15

**PHY & MC PROPRT POLYM** MAT E 453  3 CREDITS
**Prereq:** MAT E 216
6585005  
**MEET:** AUG 21-DEC 15

**GLASS SCI & ENGINERG** MAT E 425  3 CREDITS
**Prereq:** MAT E 216, MAT E 321
7501005  
**MEET:** AUG 21-DEC 15

**MICROELEC FABRICATN** MAT E 432  4 CREDITS
**Prereq:** CREDIT OR ENROLLMENT IN MATHEMATICS 332
6677005  
**MEET:** AUG 21-DEC 15

**PHYS MET FERR ALLOY** MAT E 443  3 CREDITS
**Prereq:** MAT E 214; MAT E 216, MAT E 314
1172005  
**MEET:** AUG 21-DEC 15

**STRUC HEALTH MONITR** MAT E 449  3 CREDITS
**Prereq:** SENIOR CLASSIFICATION IN ENGINEERING OR PERMISSION OF INSTRUCTOR
1703005  
**MEET:** AUG 21-DEC 15

**BIOIMATERIALS** MAT E 456  3 CREDITS
**Prereq:** MAT E 216 OR MAT E 272 OR MAT E 392
8768005  
**MEET:** AUG 21-DEC 15

---

**MULTIDISC ENGR DSGN** MAT E 466  3 CREDITS
**Prereq:** COURSE TO BE TAKEN BETWEEN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
1740005  
**MEET:** AUG 21-DEC 15

**COMPL MTLDS** MAT E 481  3 CREDITS
**Prereq:** MATH 265; MAT E 311 OR CHEM 381 OR CHEM 325 OR PHYS 364
6980005  
**MEET:** AUG 21-DEC 15

**EDDY CURRENT NEP** MAT E 488  3 CREDITS
**Prereq:** MAT E 216 OR MAT E 273 OR CHEM 311 OR PHYS 364
5821005  
**MEET:** AUG 21-DEC 15
### MATHEMATICS

#### HIGH SCHOOL ALGEBRA
- **MATH 10**
  - 0 CREDITS
  - **MEETS:** AUG 21-DEC 15

<table>
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<th>Credits</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
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**ORIENTATION IN MATH** **MATH 101**
- **1 CREDIT**
- **MEETS:** AUG 21-DEC 15

**INTRO TO PROBABILITY** **MATH 104**
- **3 CREDITS**
- **MEETS:** AUG 21-DEC 15

**INTRO TO MATH IDEAS** **MATH 105**
- **3 CREDITS**
- **MEETS:** AUG 21-DEC 15

**COLLEGE ALGEBRA** **MATH 140**
- **3 CREDITS**
- **MEETS:** AUG 21-DEC 15

Note: Credits earned in MATH 105 cannot be applied toward graduation by math majors.

### MATERIALS ENGINEERING (CONTINUED)

#### MATERIALS SCIENCE & ENGINEERING

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**RESEARCH** **MATH 699**
- **VAR. CREDITS**
- **MEETS:** DEPT FOR REFERENCE NUMBERS
### MATHEMATICS

#### FALL 2017

<table>
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<tr>
<th>Course</th>
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<tr>
<td>COLLEGE ALGEBRA MATH 140</td>
<td>3</td>
<td>MON 12:10-1:00</td>
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<td>MATH 141</td>
<td>3</td>
<td>TUES 8:00-8:50</td>
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<td>MATH 142</td>
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<td>MATH 143</td>
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<td>MATH 144</td>
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<td>MATH 146</td>
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<td>MATH 149</td>
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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 143 TOWARD GENERAL EDUCATION REQUIREMENTS.
<table>
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<tr>
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<td>MATH 160</td>
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**SURVEY OF CALCULUS MATH 160 4 CREDITS**

**COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 160, 165-166, 181-182.**

**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.

**SUMMER 2017 OR FALL 2017**

**Note:** SEC 11 RESTRICTED TO FRESHMEN ENTERING ISU
### MATHEMATICS (CONTINUED)

<table>
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### MATHEMATICS

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### Notes
- **Prereq:** Grade of C- or better in MATH 165 or high school MATH PLACEMENT SCORES.
- **Note:** Only one of the following courses/sequences of courses may be applied toward graduation: MATH 151, 161-162, 165-166, 181-182.
- Night exams scheduled. For dates go to [http://www.registrar.iastate.edu/students/exams/night-exams/](http://www.registrar.iastate.edu/students/exams/night-exams/).
HONORS--CALCULUS II MATH 166H 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND MATH 165 OR HIGH MATH PLACEMENT SCORES
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 165, MATH 166, MATH 181-182.
RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM.
OTHER STUDENTS MAY SEEK PERMISSION OF THE INSTRUCTOR OR ELGIN JOHNSTON OR JENNIFER NEWMAN;
BUT PERMISSION WILL BE GIVEN TO STUDENTS IN THE UNIV
HONORS PROGRAM.
MEETS: AUG 21-DEC 15
5151005 A MTRF 11:00-11:50
MEETS: AUG 21-DEC 15
1114005 A MTRF 11:00-11:50
MEETS: AUG 21-DEC 15
LIFE SCI CALCULUS I MATH 181 4 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT 
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF 
HIGH SCHOOL GEOMETRY; 1 SEMESTER OF TRIGONOMETRY OR 
MATH 143
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES 
OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 
MATH 160, MATH 165-166, MATH 181-182. CREDITS EARNED 
IN MATH 181 CANNOT BE APPLIED TOWARD GRADUATION BY 
MATH MAJORS.
4531005 A MTRF 11:00-11:50
MEETS: AUG 21-DEC 15
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: 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 MF 8:00-9:15
MEETS: AUG 21-DEC 15
5144010 B MF 9:30-10:45
MEETS: AUG 21-DEC 15
5144015 C MF 11:00-12:15
MEETS: AUG 21-DEC 15
5144020 D MF 12:45-2:00
MEETS: AUG 21-DEC 15
5144025 E MF 2:10-3:25
MEETS: AUG 21-DEC 15
5144030 F MF 3:40-5:00
MEETS: AUG 21-DEC 15
5144035 G MF 5:10-6:25
MEETS: AUG 21-DEC 15
5144040 H MF 6:45-8:00
MEETS: AUG 21-DEC 15
5144045 I MF 8:00-9:15
MEETS: AUG 21-DEC 15
5144050 J MF 9:30-10:45
MEETS: AUG 21-DEC 15
5144055 K MF 11:00-12:15
MEETS: AUG 21-DEC 15
5144060 L MF 12:45-2:00
MEETS: AUG 21-DEC 15
5144065 M MF 2:10-3:25
MEETS: AUG 21-DEC 15
5144070 N MF 3:40-5:00
MEETS: AUG 21-DEC 15
5144075 O MF 5:10-6:25
MEETS: AUG 21-DEC 15
5144080 P MF 6:45-8:00
MEETS: AUG 21-DEC 15
8125005 A MF 12:45-2:00
MEETS: AUG 21-DEC 15
5125010 B MF 2:10-3:25
MEETS: AUG 21-DEC 15
5125015 C MF 3:40-5:00
MEETS: AUG 21-DEC 15
5125020 D MF 5:10-6:25
MEETS: AUG 21-DEC 15
5125025 E MF 6:45-8:00
MEETS: AUG 21-DEC 15
5125030 F MF 8:00-9:15
MEETS: AUG 21-DEC 15
5125035 G MF 9:30-10:45
MEETS: AUG 21-DEC 15
5125040 H MF 11:00-12:15
MEETS: AUG 21-DEC 15
5125045 I MF 12:45-2:00
MEETS: AUG 21-DEC 15
5125050 J MF 2:10-3:25
MEETS: AUG 21-DEC 15
5125055 K MF 3:40-5:00
MEETS: AUG 21-DEC 15
5125060 L MF 5:10-6:25
MEETS: AUG 21-DEC 15
5125065 M MF 6:45-8:00
MEETS: AUG 21-DEC 15
5125070 N MF 8:00-9:15
MEETS: AUG 21-DEC 15
5125075 O MF 9:30-10:45
MEETS: AUG 21-DEC 15
5125080 P MF 11:00-12:15
MEETS: AUG 21-DEC 15
INTRO TO PROOFS MATH 201 3 CREDITS
Prereq: MATH 164 OR MATH 166H
6998005 A MF 9:00-10:15
MEETS: AUG 21-DEC 15
6998010 B MF 10:30-11:45
MEETS: AUG 21-DEC 15
6998015 C MF 12:10-1:25
MEETS: AUG 21-DEC 15
6998020 D MF 1:45-2:50
MEETS: AUG 21-DEC 15
6998025 E MF 3:05-4:20
MEETS: AUG 21-DEC 15
6998030 F MF 4:35-5:50
MEETS: AUG 21-DEC 15
MATRICES & LINEAR ALGEBRA MATH 207 3 CREDITS
Prereq: 2 SEMESTERS OF CALCULUS
Note: CREDIT FOR MATH 207 OR MATH 317, BUT NOT BOTH, 
MAY BE APPLIED TOWARD GRADUATION.
5161005 A MF 3:10-4:25
MEETS: AUG 21-DEC 15
5161010 B TR 2:10-3:25
MEETS: AUG 21-DEC 15
CALCULUS III MATH 265 4 CREDITS
Prereq: GRADE OF C OR BETTER IN MATH 166 OR MATH 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266, 268 
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD 
GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING 
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, 
MATH 266, MATH 265, MATH 269.
5151005 A1 MF 8:00-9:15
MEETS: AUG 21-DEC 15
5151010 A2 MF 9:30-10:45
MEETS: AUG 21-DEC 15
5151015 B1 MF 8:00-9:15
MEETS: AUG 21-DEC 15
5151020 B2 MF 9:30-10:45
MEETS: AUG 21-DEC 15
ELEM DIFF EQUTNS MATH 266 3 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266, 268 
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD 
GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING 
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, 
MATH 266, MATH 265, MATH 269.
5152005 1 MF 9:00-10:15
MEETS: AUG 21-DEC 15
5152020 2 MF 10:30-11:45
MEETS: AUG 21-DEC 15
5152025 3 MF 12:00-1:15
MEETS: AUG 21-DEC 15
5152030 4 MF 1:30-2:45
MEETS: AUG 21-DEC 15
### MATHEMATICS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
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<tr>
<td><strong>DIFF EQ &amp; TRANSFORMS</strong></td>
<td>4</td>
<td>MATH 267</td>
</tr>
<tr>
<td><strong>SYSTMS OF DIFF EQUA</strong></td>
<td>1</td>
<td>MATH 269</td>
</tr>
</tbody>
</table>

**DIFF EQ & TRANSFORMS 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 264, MATH 269.

Parameter: 5153050
- **Time:** 8:00-8:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153055
- **Time:** 8:00-8:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153060
- **Time:** 10:00-10:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153065
- **Time:** 8:00-8:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153070
- **Time:** 10:00-10:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153075
- **Time:** 10:00-10:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153080
- **Time:** 10:00-10:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153085
- **Time:** 9:00-9:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153090
- **Time:** 10:00-10:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153095
- **Time:** 8:00-8:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153100
- **Time:** 9:00-9:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153105
- **Time:** 11:00-11:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153110
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153115
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153120
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153125
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153130
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153135
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153140
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153145
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153150
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153155
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153160
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153165
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153170
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153175
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

**LAPLACE TRANSFORMS MATH 268 1 CREDIT**

- **Prereq:** MATH 266
- **Note:** CREDIT FOR EITHER MATH 267 OR THE MATH 266, 268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. Instructor permission required.

Parameter: 5153050
- **Time:** 8:00-8:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153055
- **Time:** 8:00-8:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153060
- **Time:** 10:00-10:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153065
- **Time:** 8:00-8:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153070
- **Time:** 10:00-10:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153075
- **Time:** 10:00-10:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153080
- **Time:** 10:00-10:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153085
- **Time:** 9:00-9:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153090
- **Time:** 10:00-10:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153095
- **Time:** 8:00-8:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153100
- **Time:** 9:00-9:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153105
- **Time:** 11:00-11:50
- **MEETS:** AUG 21-DEC 15

Parameter: 5153110
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153115
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Parameter: 5153130
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- **MEETS:** AUG 21-DEC 15

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- **MEETS:** AUG 21-DEC 15

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- **MEETS:** AUG 21-DEC 15

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Parameter: 5153160
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- **MEETS:** AUG 21-DEC 15

Parameter: 5153165
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- **MEETS:** AUG 21-DEC 15

Parameter: 5153170
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5153175
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

**APPL LINEAR ALGEBRA MATH 407 3 CREDITS**

- **Prereq:** MATH 317 OR MATH 207 AND EXPERIENCE

Parameter: 7946005
- **Time:** 10:00-10:50
- **MEETS:** AUG 21-DEC 15

**ANALYSIS I MATH 414 3 CREDITS**

- **Prereq:** CREDIT OR ENROLLMENT IN MATH 201

Parameter: 5171005
- **Time:** 12:10-1:00
- **MEETS:** AUG 21-DEC 15

Parameter: 5171010
- **Time:** 11:00-12:00
- **MEETS:** AUG 21-DEC 15
MATH 301, OR MATH 207 AND MATH 414

MEETS: AUG 21-DEC 15
7915005  MWF 10:00-10:50
Prereq: MATH 307 OR MATH 317
APPL LINEAR ALGEBRA   MATH 507       3 CREDITS

MEETS: AUG 21-DEC 15
5196005  MWF 11:00-11:50
REAL ANALYSIS I MATH 515       3 CREDITS
Prereq: MATH 414 OR MATH 501
5196005  A MWF 11:00-11:50
MEETS: AUG 21-DEC 15

MATH 414 OR MATH 501

MEETS: AUG 21-DEC 15
7502005  TR 12:40-1:50
NUMERICAL ANALYSIS I MATH 561       3 CREDITS
Prereq: MATH 414 OR MATH 501

MEETS: AUG 21-DEC 15
4953005  MWF 12:10-1:00
DIRECT OPTIMIZATION MATH 566       3 CREDITS
Prereq: MATH 317 OR MATH 507 OR MATH 510

MEETS: AUG 21-DEC 15
7904005  A TR 2:10-3:30
LINEAR SYSTEMS MATH 577       3 CREDITS
Prereq: E E 324 OR AER E 331 OR M E 414 OR MATH 415; AND MATH 307

MEETS: AUG 21-DEC 15

ENG THERMODYNAMS I  M E  231       3 CREDITS
Prereq: MATH 166, CHEM 167, PHYS 221
Note: COURSE RESTRICTED TO M E MAJORS ONLY
4877020  D TR 9:30-10:50 MEETS: AUG 21-DEC 15
4877025  E TR 11:00-12:20 MEETS: AUG 21-DEC 15
4877030  F TR 1:30-2:50 MEETS: AUG 21-DEC 15

INTR MCH ENG DESIGN  M E  270       3 CREDITS
Prereq: M E 160 OR EQUIVALENT, M E 170 OR EQUIVALENT, PHYS 221
Note: COURSE RESTRICTED TO M E MAJORS ONLY
6270005  A ARRANGED MEETS: AUG 21-DEC 15
6270010  B ARRANGED MEETS: AUG 21-DEC 15
6270015  C ARRANGED MEETS: AUG 21-DEC 15

MECH COMPONENT DSGN  M E  325       3 CREDITS
Prereq: M E 170, E M 324, STAT 305
Note: COURSE RESTRICTED TO A E, M E MAJORS ONLY
6287005  A MFN 10:00-11:50 MEETS: AUG 21-DEC 15
6287010  B MFN 11:00-12:50 MEETS: AUG 21-DEC 15
6287015  C TR 9:30-10:45 MEETS: AUG 21-DEC 15

MECH ENGR PRO PLAN  M E  202       1 R CREDIT
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO M E SOPHOMORES, JUNIORS AND SENIORS ONLY
4878005  A MFN 11:00-11:50 MEETS: AUG 21-DEC 15
4878010  B MFN 12:00-12:50 MEETS: AUG 21-DEC 15
4878015  C MFN 1:00-1:50 MEETS: AUG 21-DEC 15

MECH THERMODYNAMS II  M E  332       3 CREDITS
Prereq: M E 231
Note: COURSE RESTRICTED TO M E MAJORS ONLY
4878020  D TR 9:30-10:50 MEETS: AUG 21-DEC 15
4878025  E TR 11:00-12:20 MEETS: AUG 21-DEC 15
4878030  F TR 1:30-2:50 MEETS: AUG 21-DEC 15

LEARNING COMMUNITIE  M E  190       1 CREDIT
7612005  1 TR 3:10-4:00 MEETS: AUG 21-DEC 15
7612010  2 TR 3:10-4:00 MEETS: AUG 21-DEC 15
7612015  3 TR 3:10-4:00 MEETS: AUG 21-DEC 15
7612020  4 TR 3:10-4:00 MEETS: AUG 21-DEC 15
7612025  5 TR 3:10-4:00 MEETS: AUG 21-DEC 15
7612030  6 TR 3:10-4:00 MEETS: AUG 21-DEC 15
7612035  7 TR 3:10-4:00 MEETS: AUG 21-DEC 15
7612040  8 TR 3:10-4:00 MEETS: AUG 21-DEC 15
7612045  9 TR 3:10-4:00 MEETS: AUG 21-DEC 15
7612050 10 TR 3:10-4:00 MEETS: AUG 21-DEC 15
7612055 11 TR 3:10-4:00 MEETS: AUG 21-DEC 15
7612060 12 TR 3:10-4:00 MEETS: AUG 21-DEC 15
7612065 13 TR 3:10-4:00 MEETS: AUG 21-DEC 15
7612070 14 TR 3:10-4:00 MEETS: AUG 21-DEC 15

ENG PRINCIPLES OF STRUCTURAL DESIGN  M E  310       3 CREDITS
Prereq: E M 292, M E 231
Note: COURSE RESTRICTED TO M E MAJORS ONLY
5867025  A MFN 11:00-11:50 MEETS: AUG 21-DEC 15
5867030  B MFN 12:00-12:50 MEETS: AUG 21-DEC 15
5867035  C TR 9:30-10:45 MEETS: AUG 21-DEC 15
5867040  D TR 11:00-12:15 MEETS: AUG 21-DEC 15
FLUID FLOW
M E 335 4 CREDITS
Prereq: E M 345, MATH 266 or MATH 267, CREDIT OR ENROLLMENT IN M E 312.
Note: COURSE RESTRICTED TO M E MAJORS ONLY.
2-PART COURSE. REGISTRAR FOR A LECTURE SECTION (LETTERED SECTIONS A-C) FIRST AND THEN A LAB SECTN (NUMBERED SECTIONS 1-18). STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE AND LAB WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

5703005 A TR 12:40-2:00
MEETS: AUG 21-DEC 15

5703080 B TR 12:40-2:00
MEETS: AUG 21-DEC 15

5703085 C TR 8:00-9:20
MEETS: AUG 21-DEC 15

5703090 D TR 8:00-9:20
MEETS: AUG 21-DEC 15

5703095 E TR 8:00-9:20
MEETS: AUG 21-DEC 15

5703100 F TR 8:00-9:20
MEETS: AUG 21-DEC 15

5703125 G T 10:00-11:50
MEETS: AUG 21-DEC 15

5703130 H W 10:00-11:50
MEETS: AUG 21-DEC 15

5703135 I R 10:00-11:50
MEETS: AUG 21-DEC 15

5703145 J F 10:00-11:50
MEETS: AUG 21-DEC 15

5703150 K M 10:00-11:50
MEETS: AUG 21-DEC 15

5703155 L T 11:20-1:00
MEETS: AUG 21-DEC 15

5703160 M W 11:20-1:00
MEETS: AUG 21-DEC 15

5703165 N R 11:20-1:00
MEETS: AUG 21-DEC 15

5703175 O T 11:00-1:50
MEETS: AUG 21-DEC 15

5703180 P W 11:00-1:50
MEETS: AUG 21-DEC 15

5703185 Q R 11:00-1:50
MEETS: AUG 21-DEC 15

5703190 R F 11:00-1:50
MEETS: AUG 21-DEC 15

5703195 S T 12:10-3:00
MEETS: AUG 21-DEC 15

5703200 T W 12:10-3:00
MEETS: AUG 21-DEC 15

5703205 U R 12:10-3:00
MEETS: AUG 21-DEC 15

5703210 V F 1:10-3:00
MEETS: AUG 21-DEC 15

5703215 W T 1:10-3:00
MEETS: AUG 21-DEC 15

5703220 X W 10:00-12:00
MEETS: AUG 21-DEC 15

5703225 Y R 10:00-12:00
MEETS: AUG 21-DEC 15

5703230 Z F 10:00-12:00
MEETS: AUG 21-DEC 15

M.E. 370 3 CREDITS
Prereq: E.E. 442, STAT 305
Note: COURSE RESTRICTED TO M E MAJORS ONLY.
2-PART COURSE: REGISTRAR FOR A LECTURE SECTION (LETTERED SECTIONS A-C) FIRST AND THEN A LAB SECTN (NUMBERED SECTIONS 1-14). STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE AND LAB WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

4881005 A MW 8:00-8:50
MEETS: AUG 21-DEC 15

4881010 B MW 8:00-8:50
MEETS: AUG 21-DEC 15

4881020 C T 9:00-11:50
MEETS: AUG 21-DEC 15

4881025 D W 9:00-11:50
MEETS: AUG 21-DEC 15

4881030 E R 9:00-11:50
MEETS: AUG 21-DEC 15

4881035 F T 10:00-10:50
MEETS: AUG 21-DEC 15

4881040 G M 10:00-10:50
MEETS: AUG 21-DEC 15

4881045 H T 11:20-1:00
MEETS: AUG 21-DEC 15

4881050 I W 12:10-2:00
MEETS: AUG 21-DEC 15

4881055 J R 12:10-2:00
MEETS: AUG 21-DEC 15

4881060 K F 11:00-1:50
MEETS: AUG 21-DEC 15

4881065 L T 11:00-1:50
MEETS: AUG 21-DEC 15

4881070 M W 11:00-1:50
MEETS: AUG 21-DEC 15

4881075 N R 11:00-1:50
MEETS: AUG 21-DEC 15

4881080 O F 11:00-1:50
MEETS: AUG 21-DEC 15

4881085 P T 11:00-1:50
MEETS: AUG 21-DEC 15

CAREER SERVICES
M E 398 1 CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

FOOTNOTES
MECHANICAL ENGINEERING

(continued)

ADV TOP CL ENRGY TC M.E 690V VAR. CREDITS

****** SEE DEPT FOR REFERENCE NUMBERS

ADV TP DS&MFG INNOV M.E 690W VAR. CREDITS

****** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING INTERNSHIP M.E 697 R CREDIT

Prereq: PERMISSION OF DIRECTOR OF GRADUATE

EDUCATION, GRAD CLASSIFICATION

SATISFACTORY–FAIL ONLY.

8151005 ARRANGED

MEETS: AUG 21–DEC 15

Note: Department permission required.

RESEARCH M.E 699 VAR. CREDITS

Satisfactory–Fail Only.

****** SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY

SEVERE & HARD WEATHER MTEOR 107 1 CREDIT

9205005 1 TR 1:10–2:00

MEETS: OCT 16–DEC 15

SYNOPTIC APPLICATNS MTEOR 111 1 CREDIT

Prereq: CREDIT OR ENROLL IN MATH 165, ENROLLMENT

RESTRICTED TO MAJORS ONLY, OR INSTRUCTOR PERMISSION

Note: COURSE RESTRICTED TO MTEOR MAJORS, OTHERS BY

SIGNATURE OF THE METEOROLOGY DEPARTMENT ADVISING

STAFF.

5641005 1 T 12:10–1:00

MEETS: AUG 21–DEC 15

Section info: http://www.meteor.iastate.edu/classes

/mteor111/index.html

Syllabus: http://www.meteor.iastate.edu/classes/mteor111/

GEOSCIENCE ORIENT MTEOR 112 1 CREDIT

6630005 M 4:10–5:00, F 1:10–2:00

MEETS: AUG 21–DEC 15

INTRODUCTRY SEMINAR MTEOR 201 R CREDIT

Prereq: CREDIT OR ENROLLMENT IN PHYS 221

Satisfactory–Fail Only.

5374005 R 1:10–2:00

MEETS: AUG 21–DEC 15

Section info: http://www.meteor.iastate.edu/classes

/mteor201/

Syllabus: http://www.meteor.iastate.edu/classes/mteor201/

INTRO WEATHER & CLIMT MTEOR 206 3 CREDITS

5375005 1 MWF 2:10–3:00

MEETS: AUG 21–DEC 15

COMPUTNL METEOROL I MTEOR 227 3 CREDITS

8566005 MWF 10:00–10:50

MEETS: AUG 21–DEC 15

COOPERATIVE EDUCATN MTEOR 298 R CREDIT

Prereq: PERMISSION OF THE DEPT COOPERATIVE

EDUCATION COORDINATOR, SOPHOMORE CLASSIFICATION

4813005 ARRANGED

MEETS: AUG 21–DEC 15

INTR SYNOPTIC MTEOR MTEOR 311 2 CREDITS

Prereq: MTEOR 301

5379005 1 M 11:00–11:50

1:10–4:00

11:00–11:50

MEETS: AUG 21–DEC 15

Section info: http://www.meteor.iastate.edu/classes

/mteor311/

Syllabus: http://www.meteor.iastate.edu/classes/mteor311/

METEOROL INTERNSHIP MTEOR 321 1–2 CREDITS

Prereq: MTEOR 311; JUNIOR OR SENIOR STANDING; PERMISSION

OF COOP PROGRAM COORD; ACCEPTANCE BY SPONSORING AGENCY

SATISFACTORY–FAIL ONLY.

5381005 ARRANGED

MEETS: AUG 21–DEC 15

ATMOSP PHYSICS I MTEOR 341 3 CREDITS

Prereq: PHYS 222, CREDIT OR ENROLLMENT IN MATH 266

5382005 MWF 9:00–9:50

MEETS: AUG 21–DEC 15

Section info: http://www.meteor.iastate.edu/classes

/mteor341/

Syllabus: http://www.meteor.iastate.edu/classes/mteor341/

COOPERATIVE EDUCATN MTEOR 398 R CREDIT

Prereq: PERMISSION OF THE DEPT COOPERATIVE

EDUCATION COORDINATOR, JUNIOR CLASSIFICATION

4823005 ARRANGED

MEETS: AUG 21–DEC 15

WATERSHED HYDROLOGY MTEOR 402 3 CREDITS

Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL

SCIENCES OR ENGINEERING; JUNIOR STANDING

3442005 1 M 11:00–11:50 FRANZ K

R 9:00–10:50

MEETS: AUG 21–DEC 15

SYNOPTIC METEOROLOGY MTEOR 411 3 CREDITS

Prereq: MTEOR 311, CREDIT OR ENROLLMENT IN 454

5387005 W 1:10–2:00

MWF 2:10–2:30

MEETS: AUG 21–DEC 15

Note: Section info: http://www.meteor.iastate.edu/classes/411/

Syllabus: http://meteor.iastate.edu/classes/mt411/outlinell.pdf

Radar Apps Meteorology MTEOR 435 3 CREDITS

4711005 TR 12:40–2:00

MEETS: AUG 21–DEC 15

DYNAMIC METEOROLOGY II MTEOR 454 3 CREDITS

Prereq: MTEOR 443

5860005 MWF 3:10–4:00

MEETS: AUG 21–DEC 15

Section info: http://www.meteor.iastate.edu/classes

/mteor454/

Syllabus: http://www.meteor.iastate.edu/classes/mteor454/

Surv Remote Sng Tec MTEOR 489 3 CREDITS

Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL

SCIENCES OR ENGINEERING

9748005 MW 10:00–10:50

ARRANGED

MEETS: AUG 21–DEC 15

Note: THE ARRANGED TIME REPRESENTS WWW LECTURE DELIVERY

Satell Rmt Sens Lab MTEOR 489L 1 CREDIT

Prereq: CREDIT OR ENROLLMENT IN MTEOR 489

OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489

OR NREM 589 OR ES 489 OR ES 589

5268005 T 9:00–11:50

MEETS: AUG 21–DEC 15

Din Study Synoptic MTEOR 490A 1–3 CREDITS

Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION

Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE

APPLIED TOWARD GRADUATION

8424005 ARRANGED

MEETS: AUG 21–DEC 15

Indep Din Study MTEOR 490B 1–3 CREDITS

Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION

Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE

APPLIED TOWARD GRADUATION

8425005 ARRANGED

MEETS: AUG 21–DEC 15

Ind Study Physical MTEOR 490C 1–3 CREDITS

Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION

Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE

APPLIED TOWARD GRADUATION

8426005 ARRANGED

MEETS: AUG 21–DEC 15

Ind Study Instrument MTEOR 490D 1–3 CREDITS

Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION

Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE

APPLIED TOWARD GRADUATION

1010005 ARRANGED

MEETS: AUG 21–DEC 15

Ind Study Hydrology MTEOR 490E 1–3 CREDITS

Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION

Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE

APPLIED TOWARD GRADUATION

8668005 ARRANGED

MEETS: AUG 21–DEC 15

Senior Research MTEOR 499 2 CREDITS

5392005 M 4:10–5:00

T 4:10–5:00

MEETS: AUG 21–DEC 15

174
MICROBIOLOGY  (CONTINUED)

MICROB GENET&GEOG MICRO 402  3 CREDITS
Prereq: MICRO 302, BIOL 313
1434005  MWF 9:00-9:50  MEETS: AUG-21-DEC 15

VIROLOGY  3 CREDITS
Prereq: BIOL 313 OR BBMB 301; RECOMMEND BIOL 314
5314005  MWF 10:00-10:50  MEETS: AUG-21-DEC 15

FOOD MICROBIOLOGY MICRO 420  3 CREDITS
Prereq: MICRO 201 OR MICRO 302
5315005  MWF 10:00-10:50  MEETS: AUG-21-DEC 15

LAB MICR PHYSL,DRYS MICRO 440  4 CREDITS
Prereq: MICRO 302, MICRO 302L, CHEM 312, BIOL 313L
6135005  TR 1:10-5:00  MEETS: AUG-21-DEC 15

MICRO SENIOR SURVEY MICRO 451  R CREDIT
Prereq: JR OR SR STANDING IN MICROBIOLOGY
Satisfactory-Fail Only.
7204005  M 4:10-6:00  MEETS: AUG-21-DEC 15

MICROBIAL ECOLOGY MICRO 487  3 CREDITS
Prereq: BIO 310 AND 6 CREDITS IN CHEM
3849005  MWF 9:00-9:50  MEETS: AUG-21-DEC 15

INDEP STUDY:GENERAL MICRO 490  VAR. CREDITS
Prereq: A MINIMUM OF 6 CREDITS OF 300-LEVEL OR ABOVE COURSEWORK IN MICROBIOLOGY, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE APPLIED TOWARD THE TOTAL OF 12 CREDITS REQUIRED FOR GRADUATION
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY MICRO 490H  1- 5 CREDITS
Prereq: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO. INSTR PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF MICRO 490H MAY BE USED TOWARD THE TOTAL OF 12 CREDITS REQUIRED FOR GRADUATION. RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY.
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP MICRO 495  1-2 CREDITS
Prereq: AT LEAST 6 CREDITS OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, APPROVAL OF ACADEMIC ADVISOR
Satisfactory-Fail Only.
9679005  ARRANGED  MEETS: AUG-21-DEC 15

MICROB DIVRS&PHYLOG MICRO 551  1 CREDIT
Prereq: MICRO 302, BIOL 313
7016005  A MWF 10:00-10:50  MEETS: AUG-21-SEP 22

BACT MOLECULAR MICRO 552  1 CREDIT
Prereq: MICRO 302, BIOL 313
7024005  A MWF 10:00-10:50  MEETS: SEPT-25-OCT 27

PATHOGENIC MICROORG MICRO 553  1 CREDIT
Prereq: MICRO 302, BIOL 313
7078005  A MWF 10:00-10:50  MEETS: OCT-30-DEC 8

MEDICL BACTERIOLOGY MICRO 586  4 CREDITS
Prereq: MICRO 310
6947005  A MWF 9:00-9:50  ARRANGED  MEETS: AUG-21-DEC 15

MICROBIAL ECOLOGY MICRO 587  3 CREDITS
Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM
6759005  MWF 9:00-9:50  MEETS: AUG-21-DEC 15

MIcrobiology  (CONTINUED)

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 MWF 4:10-5:00  MEETS: AUG-21-DEC 15

ADV FOOD MICROBIOLOGY MICRO 626  3 CREDITS
Prereq: FS HH 420 OR FS HH 421 OR FS HH 504
5341005  1 M 2:10-3:10  MEETS: AUG-21-DEC 15

CURR TOPIC MICROBIOLOGY MICRO 690A  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

HONORS PROGRAM ONLY.

GRADUATION REQUIREMENTS

MILITARY SCIENCE

INTRO MILITARY SCI M S 101  1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN M S 101L REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 101L REQUIRED
4993005  1 T 12:40-1:30  MEETS: AUG-21-DEC 15
4993010  2 W 10:00-10:50  MEETS: AUG-21-DEC 15

BASIC LEADERSHIP LAB I M S 101L  1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN M S 101 REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 101 REQUIRED
4994005  1 W 4:10-5:30, ARRANGED  MEETS: AUG-21-DEC 15

ARMY PHY READINESS M S 150  1 CREDIT
9414005  1 MWF 6:00-7:15  MEETS: AUG-21-DEC 15

PRIN OF LEADERSHIP M S 201  2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN M S 201L REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 201L REQUIRED
4997005  1 MT 9:00-9:50  BOWMAN J
4997010  2 MT 11:00-11:50  BOWMAN J

BASIC LEADERSHIP LAB III M S 201L  1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN M S 201 REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 201 REQUIRED
4998005  1 W 4:10-5:30, ARRANGED  MEETS: AUG-21-DEC 15

INTER MILITARY SCI M S 201L  1 CREDIT
Note: CONCURRENT ENROLLMENT IN M S 201L REQUIRED
6989005  ARRANGED  MEETS: AUG-21-DEC 15

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

MILITARY SCIENCE

INTRO MILITARY SCI M S 101  1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN M S 101L REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 101L REQUIRED
4993005  1 T 12:40-1:30  MEETS: AUG-21-DEC 15
4993010  2 W 10:00-10:50  MEETS: AUG-21-DEC 15

BASIC LEADERSHIP LAB I M S 101L  1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN M S 101 REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 101 REQUIRED
4994005  1 W 4:10-5:30, ARRANGED  MEETS: AUG-21-DEC 15

ARMY PHY READINESS M S 150  1 CREDIT
9414005  1 MWF 6:00-7:15  SHAIKO C

PRIN OF LEADERSHIP M S 201  2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN M S 201L REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 201L REQUIRED
4997005  1 MT 9:00-9:50  BOWMAN J
4997010  2 MT 11:00-11:50  BOWMAN J

BASIC LEADERSHIP LAB III M S 201L  1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN M S 201 REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 201 REQUIRED
4998005  1 W 4:10-5:30, ARRANGED  BOWMAN J

INTER MILITARY SCI M S 201L  1 CREDIT
Note: CONCURRENT ENROLLMENT IN M S 201L REQUIRED
6989005  ARRANGED  MEETS: AUG-21-DEC 15

RESERCH MICRO 699  VAR. CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
MILITARY SCIENCE

ADV LEADERSHIP LAB I M S 301L 1 CREDIT
Prereq: COMPLETION OF THE BASIC PROGRAM, CONCURRENT ENROLLMENT IN M S 301 AND PERMISSION OF DEPARTMENT CHAIR OF MILITARY SCIENCE
Note: Permission of department chair required.
5003005 A MWF 8:10-9:30, 2 L 10:00-11:50 ARRANGED SHAIRA C
MEETS: AUG 21-DEC 15

SEMN: MILITARY TEAM M S 401 3 CREDITS
Prereq: COMPLETION OF THE BASIC PROGRAM, CONCURRENT ENROLLMENT IN M S 401 AND PERMISSION OF THE DEPARTMENT CHAIR OF MILITARY SCIENCE
Note: Permission of department chair required.
5007005 1 ARRANGED DIÁL E
MEETS: AUG 21-DEC 15
5007010 2 ARRANGED DIÁL E
MEETS: AUG 21-DEC 15

ADV LEADERSHIP LAB III M S 401L 1 CREDIT
Prereq: COMPLETION OF THE BASIC PROGRAM, CONCURRENT ENROLLMENT IN M S 401L AND PERMISSION OF THE MILITARY SCIENCE DEPARTMENT CHAIR
Note: Permission of department chair required.
5008005 1 W 4:10-5:30, ARRANGED DIÁL E
MEETS: AUG 21-DEC 15

IND STDY: ADV MIL ST M S 490 1 CREDIT
Prereq: M S 301, M S 302, M S 401, M S 402, PERMISSION OF THE MILITARY SCIENCE DEPARTMENT CHAIR
9598005 1 ARRANGED DIÁL E
MEETS: AUG 21-DEC 15

MOLECULAR CELLULAR DEV BIOLOGY

ADVANCES MOL CEL BIO MCB 528 3 CREDITS
Prereq: COURSES IN CELL BIOLOGY AND BIOCHEMISTRY
5253005 TR 3:10-4:50, ARRANGED DIÁL E
MEETS: AUG 21-DEC 15

SPECIAL TOPICS MCB 590 VAR. CREDITS
5260005 ARRANGED MEETS: AUG 21-DEC 15

GRAD RESCH ROTAT MCB 697 1- 6 CREDITS
Say faculty Kill Only.
7278005 ARRANGED MEETS: AUG 21-DEC 15

SEM MOLEC, C, D V BIO MCB 698 1- 2 CREDITS
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2016
5275005 1 M 3:10-5:00
MEETS: AUG 21-DEC 15
Note: SECTION 1 WILL NOT MEET EVERY WEEK. MEETING DATES TO BE ANNOUNCED.

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

MUSIC

FUNDAMNTLS OF MUSIC MUSIC 101 2 CREDITS
Prereq: ABILITY TO READ ELEM MUSICAL NOTATION
Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION:
MUSIC 101, MUSIC 105, MUSIC 201X
7180005 A MWF 9:00-9:50 MEETS: AUG 21-DEC 15
7180100 B MWF 10:00-10:50 MEETS: AUG 21-DEC 15

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS
Note: Meets international perspectives reqnt
5406005 A MWF 10:00-11:50 MEETS: AUG 21-DEC 15
5406100 B MWF 10:00-11:50 MEETS: AUG 21-DEC 15

ADVANCED MUSICIANSHP MUSIC 105 3 CREDITS
Prereq: PERFORMING ARTS MAJOR STATUS OR PERMISSION OF INSTRUCTOR.
Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION:
MUSIC 101, MUSIC 105, MUSIC 201X
2975005 A TR 3:10-4:00 M 1:10-2:00 MEETS: AUG 21-DEC 15

WIND ENSEMBLE MUSIC 111 1 CREDIT
Prereq: OPEN TO ALL STUDENTS BY AUDITION
Note: ADDITIONAL EXPENSES MAY APPLY
5408005 A TRSF 12:10-1:10 MEETS: AUG 21-DEC 15

APPLIED MUSIC REQUIREMENTS FOR MUSIC MAJORS

Note: CREDIT IN MUSIC 118I WILL NOT SATISFY APPLIED MUSIC REQUIREMENTS FOR MUSIC MAJORS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
APPLD MUSIC ORGAN MUSIC 118C 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLD MUSIC PIANO MUSIC 118B 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLD MUSIC BRASS MUSIC 118G 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLD MUSIC WOODWIND MUSIC 118F 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLD MUSIC CARILLON MUSIC 118E 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLD MUSIC PERCUSS MUSIC 118D 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLD MUSIC VOICE MUSIC 118A 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLD MUSIC WOODWIND MUSIC 118F 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLD MUSIC BRASS MUSIC 118G 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLD MUSIC CARILLON MUSIC 118E 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLD MUSIC PERCUSS MUSIC 118D 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLD MUSIC PIANO MUSIC 118B 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLD MUSIC ORGAN MUSIC 118C 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLD MUSIC STRINGS MUSIC 118D 1- 2 CREDITS
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC STRINGS MUSIC 119D 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 119E 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 119F 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 119G 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 119I 1-3 CREDITS
Prereq: AUDITION, INSTR PERM, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******** SEE DEPT FOR REFERENCE NUMBERS

CLASS STUDY PIANO I MUSIC 127 1 CREDIT
Prereq: MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.
5432005  A TR 11:00-11:50
5432010  B TR 10:00-10:50
5432015  C MW 9:00-9:50
MEETS: AUG 21-DEC 15

CANTAMUS WMNS CHOIR MUSIC 151A 1 CREDIT
Prereq: OPEN TO ALL STUDENTS BY AUDITION
Note: ADDITIONAL EXPENSES MAY APPLY
4461005  1 MWF 11:00-11:50
MEETS: AUG 21-DEC 15

SYMPHONY ORCHESTRA MUSIC 181 1 CREDIT
Prereq: OPEN TO ALL STUDENTS BY AUDITION
Note: ADDITIONAL EXPENSES MAY APPLY
5443005  TR 4:10-6:00PM
MEETS: AUG 21-DEC 15

APPLIED MUSIC VOICE MUSIC 219A 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 219B 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 219C 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 219D 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 219E 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 219F 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 219G 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 219I 1-3 CREDITS
Prereq: AUDITION, INSTR PERM, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******** SEE DEPT FOR REFERENCE NUMBERS

MUSIC THEORY I MUSIC 224 3 CREDITS
Prereq: MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR.
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
2419005  A MWF 3:10-4:00
2419010  B MWF 2:10-3:00
MEETS: AUG 21-DEC 15

AURAL THEORY I MUSIC 225 2 CREDITS
Prereq: MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR;
CREDIT OR ENROLLMENT IN MUSIC 224
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY
2420005  A MWF 10:00-10:50
2420010  B MWF 10:00-10:50
R 2:10-3:00
MEETS: AUG 21-DEC 15

STATESMEN MNS CHOIR MUSIC 151B 1 CREDIT
Prereq: OPEN TO ALL FEMALE STUDENTS BY AUDITION
Note: ADDITIONAL EXPENSES MAY APPLY
5441005  MTWF 12:10-1:00
MEETS: AUG 21-DEC 15

INTRO CRTV DGTL MUS MUSIC 246 2 CREDITS
Prereq: MUSIC 101, MUSIC 105, OR MUSIC 224,
INSTRUCTOR; CREDIT OR ENROLLMENT IN MUSIC 224
5578005  MON 1:10-2:00
MEETS: AUG 21-DEC 15

SPCL PROB EDUCATION MUSIC 290A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
5807005  1 ARRANGED

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
******** 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
******** SEE DEPT FOR REFERENCE NUMBERS
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>MUSIC 319A</td>
<td>Applied Music Voice</td>
<td>1-2</td>
<td>Audition, Instructor Permission, Music Major</td>
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<tr>
<td>MUSIC 319B</td>
<td>Applied Music Piano</td>
<td>1-2</td>
<td>Audition, Instructor Permission, Music Major</td>
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<td>MUSIC 319C</td>
<td>Applied Music Organ</td>
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<td>MUSIC 319D</td>
<td>Applied Music Strings</td>
<td>1-2</td>
<td>Audition, Instructor Permission, Music Major</td>
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<td>MUSIC 319E</td>
<td>Applied Music Carillon</td>
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<td>Audition, Instructor Permission, Music Major</td>
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<tr>
<td>MUSIC 319F</td>
<td>Applied Music Woodwind</td>
<td>1-2</td>
<td>Audition, Instructor Permission, Music Major</td>
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<td>MUSIC 319G</td>
<td>Applied Music Percussion</td>
<td>1-3</td>
<td>Audition, Instructor Permission, Music Major</td>
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<tr>
<td>MUSIC 319H</td>
<td>Applied Music Brass</td>
<td>1-3</td>
<td>Audition, Instructor Permission, Music Major</td>
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<tr>
<td>MUSIC 319I</td>
<td>Applied Music Percussion</td>
<td>1-3</td>
<td>Audition, Instructor Permission, Music Major</td>
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<td>MUSIC 319J</td>
<td>Applied Music Brass</td>
<td>1-3</td>
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<td>MUSIC 319L</td>
<td>Applied Music Brass</td>
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<td>Audition, Instructor Permission, Music Major</td>
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<td>MUSIC 319M</td>
<td>Applied Music Percussion</td>
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<td>MUSIC 319N</td>
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<td>MUSIC 319O</td>
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<td>1-3</td>
<td>Audition, Instructor Permission, Music Major</td>
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<td>MUSIC 319P</td>
<td>Applied Music Brass</td>
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<td>MUSIC 319Q</td>
<td>Applied Music Percussion</td>
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<td>MUSIC 319R</td>
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<td>MUSIC 319W</td>
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<td>MUSIC 319X</td>
<td>Applied Music Brass</td>
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<td>MUSIC 319Y</td>
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<td>MUSIC 319Z</td>
<td>Applied Music Brass</td>
<td>1-3</td>
<td>Audition, Instructor Permission, Music Major</td>
</tr>
</tbody>
</table>

Note: Applied Music fee $150.00-$190.00
MUSIC 419C 1-3 CREDITS
Prereq: Music majors only.
Note: Meets U.S. diversity reqmt.
MUSIC 419A 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

APPLIED MUSIC ORGAN MUSIC 419C 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

APPLIED MUSIC PIANO MUSIC 419B 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

APPLIED MUSIC VOICE MUSIC 419A 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

APPLIED MUSIC ENSEMBLE MUSIC 358B R CREDIT
Note: Additional expenses may apply.
7330005 T 12:10-1:00
MEETS: AUG 21-DEC 15

MUSIC 358C R CREDIT
MEETS: AUG 21-DEC 15

MUSIC 358D R CREDIT
MEETS: AUG 21-DEC 15

MUSIC 419I 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

MUSIC 419F 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

MUSIC 419E 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

MUSIC 419D 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

MUSIC 419G 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

MUSIC 419H 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

MUSIC 419I 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

MUSIC 419J 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

MUSIC 419K 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

MUSIC 419L 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

MEETS: AUG 21-DEC 15

Note: Applied Music fee $150.00-$190.00.
Prereq: Audition, Instructor permission, Music majors only.
APPLIED MUSIC ORGAN MUSIC 419C 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

APPLIED MUSIC PIANO MUSIC 419B 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.

APPLIED MUSIC VOICE MUSIC 419A 1-3 CREDITS
Prereq: Audition, Instructor permission, Music majors only.
Note: Applied Music fee $150.00-$190.00.
### Fall 2017

<table>
<thead>
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<th>Course Code</th>
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Note: All courses are subject to change. Please refer to the university catalog for the most up-to-date information.
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### NAVAL SCIENCE

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### NUCLEAR ENGINEERING

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### NUTRITIONAL SCIENCES

**NUTRIO BIOC6M4PHYSOL** NUTRS 501 4 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN BBMB 404 OR BBMB 420  
Note: CREDIT FOR EITHER DIET 558 OR NUTRS 501, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
8364005 1 TR 12:40-2:30  
MEETS: AUG 21-DEC 15  
**INTRO DNA TECHNIQUS** NUTRS 542A 1 CREDIT  
Satisfactory-Fail Only.  
8628005 1 TR 1:10-2:00  
TR 2:10-4:00  
MEETS: AUG 22-SEPT 21  
**INTRO CELL TECHNIQUS** NUTRS 542C 1 CREDIT  
Satisfactory-Fail Only.  
8633005 1 TR 1:10-2:00  
TR 2:10-4:00  
MEETS: OCT 31-DEC 7  
**INTR PROTEOMCS TCNQ** NUTRS 542E 1 CREDIT  
Satisfactory-Fail Only.  
8649005 1 TR 1:10-2:00  
TR 2:10-4:00  
MEETS: SEPT 26-OCT 26  
**INTR METABLMCS TCNQ** NUTRS 542F 1 CREDIT  
Satisfactory-Fail Only.  
9030005 M 1:10-2:00  
TR 2:10-4:00  
MEETS: AUG 21-NOV 6  
**ADV VERTB PHYSIOL I** NUTRS 549 4 CREDITS  
Prereq: BIOL 335, CREDIT OR ENROLLMENT IN BBMB 404 OR BBMB 420  
3819005 TR 8:00-9:50  
SELSBY J  
MEETS: AUG 21-DEC 15  
**GLOBAL NUTRITION** NUTRS 560 3 CREDITS  
Prereq: FS HH 361 OR EQUIVALENT; SENIOR OR GRADUATE STANDING  
6818005 M 2:10-3:30  
MEETS: AUG 21-DEC 15  
**MED NUTRIT&DISEAS I** NUTRS 561 4 CREDITS  
Prereq: FS HH 360, FS HH 361, FS HH 367, BIOL 256 AND 256L OR BIOL 306 OR BIOL 335  
Note: CREDIT FOR ONLY TWO OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: DIET 560, NUTRS 561, NUTRS 563  
8581005 1 TR 10:00-11:50  
MEETS: AUG 21-DEC 15  
**COMMUNITY NUTRITION** NUTRS 563 3 CREDITS  
Prereq: FS HH 265 OR FS HH 360; FS HH 366  
RECOMMENDED  
7794005 TR 12:40-2:00  
MEETS: AUG 21-DEC 15  
**ADV NUTRI--ENERGY** NUTRS 620 2 CREDITS  
Prereq: BBMB 405  
Note: Instructor permission required 1st week.  
3766005 1 TR 2:10-4:00  
MEETS: AUG 21-DEC 15  
**MODERN VIEWS NUTRIT** NUTRS 680 R CREDIT  
7814005 M 12:10-1:00  
MEETS: AUG 21-DEC 15  
**SPECIAL PROBLEMS** NUTRS 690 VAR. CREDITS  
6201005 ARRANGED  
MEETS: AUG 21-DEC 15  
**GRANT PROPOSAL WRIT** NUTRS 695 1 CREDIT  
Prereq: 3 CREDITS OF GRADUATE COURSE WORK IN FOOD SCIENCE AND NUTRITION  
Satisfactory-Fail Only.  
8561005 1 F 11:00-12:15  
MEETS: AUG 21-DEC 15  
**RESRCH NUTRINTL SCI** NUTRS 699 VAR. CREDITS  
Satisfactory-Fail Only.  
****  
OCC DEPT FOR REFERENCE NUMBERS

### ORGANIZATION FOR TROPICAL STUDIES

**ECO TROPICAL BIOLOGY** OTS 510 8 CREDITS  
7533005 ARRANGED  
MEETS: AUG 21-DEC 15  
**TOPICS TROPICL BIOL** OTS 515 1- 8 CREDITS  
7544005 ARRANGED  
MEETS: AUG 21-DEC 15

### PERFORMING ARTS

**ISSUES PERFORM ARTS** PERF 105 R CREDIT  
3673005 R 4:10-5:30  
MEETS: AUG 21-DEC 15  
**PERFORM ARTS INTERN** PERF 310 R CREDIT  
3677005 ARRANGED  
MEETS: AUG 21-DEC 15  
**PERFM ARTS SEMINAR** PERF 401 2 CREDITS  
3706005 ARRANGED  
MEETS: AUG 21-DEC 15

### PHILOSOPHY

**INTRO TO PHILOSOPHY** PHIL 201 3 CREDITS  
5824005 A MFN 10:00-10:50  
BUTLER A  
5824010 B MWF 10:00-10:50  
MEETS: AUG 21-DEC 15  
5824015 C MFN 11:00-11:50  
MEETS: AUG 21-DEC 15  
5824020 D MFN 11:00-11:50  
MEETS: AUG 21-DEC 15  
5824025 E MFN 11:00-12:00  
MEETS: AUG 21-DEC 15  
5824030 F TR 12:40-2:00  
MEETS: AUG 21-DEC 15  
**INTR LOGIC&SCI REAS** PHIL 206 3 CREDITS  
5825005 A MFN 11:00-11:50  
BIGGS S  
MEETS: AUG 21-DEC 15  
5825010 B MFN 11:00-12:00  
MEETS: AUG 21-DEC 15  
**INTRO SYMLOGIC LOGIC** PHIL 207 3 CREDITS  
5826005 TR 12:40-2:00  
MEETS: AUG 21-DEC 15  
**MORAL THEOR&PRCTICE** PHIL 230 3 CREDITS  
5827005 A MFN 3:10-4:00  
PAGDGETT-WALSH C  
MEETS: AUG 21-DEC 15  
5827010 B MFN 10:00-10:50  
MEETS: AUG 21-DEC 15  
5827015 C TR 9:30-10:50  
MEETS: AUG 21-DEC 15  
**INTR SYMBOLIC LOGIC** PHIL 232 3 CREDITS  
5827020 D MFN 11:00-11:50  
MEETS: AUG 21-DEC 15  
5827025 E TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
5827030 F TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
5827035 G MFN 2:10-3:00  
MEETS: AUG 21-DEC 15  
5827040 H MFN 1:10-2:00  
MEETS: AUG 21-DEC 15  
5827045 J MFN 11:00-11:50  
MEETS: AUG 21-DEC 15  
**ETH ISS DIVERSE SOC** PHIL 235 3 CREDITS  
4962005 A MFN 11:00-11:50  
MEETS: AUG 21-DEC 15  
**ANCIENT PHILOSOPHY** PHIL 310 3 CREDITS  
5830005 MFN 9:00-9:50  
MEETS: AUG 21-DEC 15  
20421 CENT CONTINEN PHIL 317 3 CREDITS  
9627005 MFN 11:00-11:50  
MEETS: AUG 21-DEC 15  
**PHILOSOPHY OF LAW** PHIL 332 3 CREDITS  
Freed: PHIL 201 OR PHIL 230  
Note: Instructor permission required 1st week.  
5836005 TR 1:10-2:00  
MEETS: AUG 21-DEC 15
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Note: SECTION LW IS ONLY FOR STUDENTS WHO ALREADY COMPLETED THIS COURSE'S LABS IN THE PAST. STUDENTS MUST APPLY FOR LAB WAIVER ON BLACKBOARD IN THE FIRST WEEK OF CLASSES.

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**INTR CLASSL PHYS I PHYS 221 5 CREDITS**

Prereq: PHYS 111

**PHYSICS (CONTINUED)**

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Note: DO NOT ENROLL IN A WEDNESDAY DISCUSSION (ON PHYS 115 SEC 1-8) THAT MEETS AT THE SAME TIME

**INTRODUCTORY SEMINAR PHYS 199 R CREDIT**

Note: Satisfactory-Fail only.

**PHYSICS OF MUSIC PHYS 198 3 CREDITS**

Prereq: PHYS 111

**INTRODUCTORY SEMINAR PHYS 199 R CREDIT**

Note: DO NOT ENROLL IN A WEDNESDAY DISCUSSION (ON PHYS 115 SEC 1-8) THAT MEETS AT THE SAME TIME
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**Note:** Sections 4-43 are restricted to physics majors only.

**Note:** Section U is restricted to physics majors only.

**Note:** Section V does not meet during the same weeks as Thursday discussions.

**Note:** Section W does not meet during the same weeks as Thursday discussions.

**Note:** Section X does not meet during the same weeks as Thursday discussions.

**Note:** Section Y does not meet during the same weeks as Thursday discussions.

**Note:** Section Z does not meet during the same weeks as Thursday discussions.

**Note:** Section AA does not meet during the same weeks as Thursday discussions.

**Note:** Section BB does not meet during the same weeks as Thursday discussions.

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**Note:** Section RR does not meet during the same weeks as Thursday discussions.

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**Note:** Section VV does not meet during the same weeks as Thursday discussions.

**Note:** Section WW does not meet during the same weeks as Thursday discussions.

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PHYSICS (CONTINUED)

PRINSYMME CLS PH I PHYS 241H 5 CREDITS
Prereq: PROFICIENCY IN ALGEBRA, TRIGONOMETRY, VECTORS, AND TOPICS COVERED IN MATH 165.
Note: 2-PART COURSE. REGISTER FOR A LECTURE SECTION (NUMBERED SECTIONS 1-2) FIRST AND THEN A LAB SECTION (LETTERED SECTIONS A-C). STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE AND LAB WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION. COURSE RESTRICTED TO STUDENTS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM.

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9402010 2 TR 1:10-2:00
MEETS: AUG 21-DEC 15
9402015 A R 4:10-6:00PM
MEETS: AUG 21-DEC 15
9402020 B F 10:00-11:50
MEETS: AUG 21-DEC 15
9402030 C M 1:10-4:00
MEETS: AUG 21-DEC 15

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

COOPERATIVE EDUCATN PHYS 298 R CREDIT
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION

4737005 A RANGED
MEETS: AUG 21-DEC 15

THERMAL PHYSICS PHYS 304 3 CREDITS
Prereq: PHYS 222, MATH 266

5870005 A TR 8:00-9:20
MEETS: AUG 21-DEC 15

ELEC INSTRUMENTATN PHYS 310 4 CREDITS
Prereq: PHYS 222, MATH 266

8182005 TR 9:10-11:50
MEETS: AUG 21-DEC 15

INTR MODR PHYSICS I PHYS 321 3 CREDITS
Prereq: PHYS 322, CREDIT OR ENROLLMENT IN MATH 266

5874005 TR 9:30-10:50
MEETS: AUG 21-DEC 15

INTR MOD PHYS LAB I PHYS 321L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN PHYS 321

5875005 A M 2:10-4:00
MEETS: AUG 21-DEC 15

5875010 B T 2:10-4:00
MEETS: AUG 21-DEC 15

5875015 C W 2:10-4:00
MEETS: AUG 21-DEC 15

5875020 D R 2:10-4:00
MEETS: AUG 21-DEC 15

5875025 E T 2:10-4:00
MEETS: AUG 21-DEC 15

5875030 F R 2:10-4:00
MEETS: AUG 21-DEC 15

5875035 G M 12:10-2:00
MEETS: AUG 21-DEC 15

INTERMED MECHANICS PHYS 362 3 CREDITS
Prereq: PHYS 361

5881005 TR 1:10-2:00
MEETS: AUG 21-DEC 15

ELECTR & MAGNETSM I PHYS 364 3 CREDITS
Prereq: PHYS 222

5882005 MW 10:00-12:00
MEETS: AUG 21-DEC 15

SEM SEC SCHOOL PHYS PHYS 399 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

5886005 ARRANGED
MEETS: AUG 21-DEC 15

ULTRFAST LASER&SPECT PHYS 421 3 CREDITS
Prereq: PHYS 321, PHYS 365, OR EQUIVALENT WITH PERMISSION OF INSTRUCTOR

9359005 MWF 2:10-3:00
MEETS: AUG 21-DEC 15

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

UNDERGRAD RESEARCH PHYS 450L 1-6 CREDITS
Prereq: PHYS 311, PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

PHYSICS (CONTINUED)

PHYS OF BIOMOLECULE PHYS 461 3 CREDITS
Prereq: PHYS 304 OR CHEM 325, BBMB 301, OR PERMISSN OF INSTRUCTOR

9424005 TR 11:00-12:20
MEETS: AUG 21-DEC 15

APPLIED PHYSICS LAB PHYS 470L 2-5 CREDITS
Prereq: PHYS 322 AND PERMISSION OF INSTRUCTOR

3161005 ARRANGED
MEETS: AUG 21-DEC 15

QUANTUM MECHANICS I PHYS 480 3 CREDITS
Prereq: PHYS 322, MATH 385

5890005 1 MF 12:10-1:00
MEETS: AUG 21-DEC 15

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. RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONS PHYS 490H 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. RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY.
******** SEE DEPT FOR REFERENCE NUMBERS

ORAL COMM PHYS SEMN PHYS 501 1 CREDIT

7408005 A T 2:10-3:00
MEETS: AUG 21-DEC 15

INTRO RESRCH SEMINR PHYS 502 R CREDIT
Prereq: PHYS 304, CREDIT OR ENROLLMENT IN PHYS 481

5896005 TR 9:30-10:50
MEETS: AUG 21-DEC 15

ULTRFAST LASER&SPECT PHYS 521 3 CREDITS
Prereq: PHYS 321, PHYS 365, OR EQUIVALENT WITH PERMISSION OF INSTRUCTOR

9358005 MF 2:10-3:00
MEETS: AUG 21-DEC 15

PARTICLE&NUCLR PHYS PHYS 526 4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN PHYS 481

5905005 MF 2:10-3:30
MEETS: AUG 21-DEC 15

MATH METHD PHYS SCI PHYS 528 3 CREDITS
Prereq: MATH 264 OR MATH 267

5899005 MF 1:10-2:00
MEETS: AUG 21-DEC 15

GROUP THEORY APPLIC PHYS 534 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN PHYS 481

5098005 TR 12:40-2:00
MEETS: AUG 21-DEC 15

SEMICONDCTR PHYS PHYS 535 4 CREDITS
Prereq: E E 311, E E 332

5903005 A MT 6:10-7:30PM
ARRANGED
MEETS: AUG 21-DEC 15

GENERAL RELATIVITY PHYS PHYS 541 3 CREDITS
Prereq: PHYS 362, MATH 307 OR MATH 317

5906005 MF 10:00-11:50
MEETS: AUG 21-DEC 15

PHYS OF BIOMOLECULE PHYS 561 3 CREDITS
Prereq: PHYS 304 OR CHEM 325, BBMB 301, OR PERMISSION OF INSTRUCTOR; GRAD STUDENT CLASSIFICATION IN SCI/ENG R

9421005 TR 11:00-12:20
MEETS: AUG 21-DEC 15

ADV ELECT & MAGNET I PHYS PHYS 571 3 CREDITS
Prereq: PHYS 365, MATH 326

5908005 TR 11:00-12:20
MEETS: AUG 21-DEC 15

SPCL TOPICS NUCLEAR PHYS PHYS 590A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

5910005 ARRANGED
MEETS: AUG 21-DEC 15
PHYSICS

SPL TOP COND MATTER PHYS 590B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5911005 1 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
Note: SEC 1 OFFERED FOR 3 CREDITS

SPL TOP HIGH ENERGY PHYS 590C VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5912005
MEETS: AUG 21-DEC 15

SPL TOPICS PHYSICS PHYS 590D VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5913005
MEETS: AUG 21-DEC 15

SPL TOPICS APPL PHYS PHYS 590E VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5914005
MEETS: AUG 21-DEC 15

QUANTUM PHYSICS I PHYS 591 4 CREDITS
Prereq: PHYS 481
5915005 1 MF 10:00-10:50
W 9:00-10:50
MEETS: AUG 21-DEC 15

CREATIVE COMPONENT PHYS 599 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

PH STRONG INTERACTN PHYS 625 3 CREDITS
Prereq: PHYS 681
3150005 TR 9:30-10:50
MEETS: AUG 21-DEC 15

ELEM PARTICLE PH II PHYS 638 3 CREDITS
Prereq: PHYS 637
5922005 TR 11:00-12:20
MEETS: AUG 21-DEC 15

ADV SEMINAR NUCLEAR PHYS 650A 1 CREDIT
Satisfactory-Fail Only.
5923005 R 4:10-6:00PM
MEETS: AUG 21-DEC 15

ADV SEM COND MATTER PHYS 650B 1 CREDIT
Satisfactory-Fail Only.
5924005 R 4:10-6:00PM
MEETS: AUG 21-DEC 15

ADV SEM HIGH ENERGY PHYS 650C 1 CREDIT
Satisfactory-Fail Only.
5925005 W 4:10-6:00PM
MEETS: AUG 21-DEC 15

ADV SEMINAR PHYSICS PHYS 650D 1 CREDIT
Satisfactory-Fail Only.
5926005 F 12:10-1:00
MEETS: AUG 21-DEC 15

ADV SEMINAR APPLIED PHYS 650E 1 CREDIT
Satisfactory-Fail Only.
5927005
MEETS: AUG 21-DEC 15

ADV SEMINAR BIOPHYS PHYS 650F 1 CREDIT
Satisfactory-Fail Only.
6583005 M 4:10-6:00PM
MEETS: AUG 21-DEC 15

ADV TOP COND MATTER PHYS 660B 1-3 CREDITS
ARRANGED
5929005
MEETS: AUG 21-DEC 15

ADV TOP HIGH ENERGY PHYS 660C 1-3 CREDITS
ARRANGED
5930005
MEETS: AUG 21-DEC 15

ADV TOPICS PHYSICS PHYS 660D 1-3 CREDITS
ARRANGED
5931005
MEETS: AUG 21-DEC 15

ADV TOPICS APPLIED PHYS 660E 1-3 CREDITS
ARRANGED
5932005
MEETS: AUG 21-DEC 15

QUANTUM FLD THEOR I PHYS 681 3 CREDITS
Prereq: PHYS 564, PHYS 572, PHYS 592
5935005 TR 11:00-12:30
MEETS: AUG 21-DEC 15

RESEARCH PHYS 699 VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION REQUIRED

PLANT BIOLOGY

PLANT METABOLISM PLBIO 513 2 CREDITS
Prereq: BIOC 330, PHYS 111, CHEM 331; ONE SEMESTER OF BIOCHEMISTRY RECOMMENDED
6806005 TR 12:40-1:30
MEETS: AUG 21-DEC 15

RESEARCH SEMINAR PLBIO 696 1 CREDIT
Satisfactory-Fail Only.
8828005 W 4:10-5:30
MEETS: AUG 21-DEC 15

RESEARCH PLBIO 699 VAR. CREDITS
Prereq: Instructor permission required 1st week.

PLANT PATHOLOGY

PRIN OF PLANT PATH PL P 408 3 CREDITS
Prereq: 8 CREDITS IN LIFE SCIENCES, INCLUDING BIOC 211
3898005 1 TR 11:00-11:50
R 12:10-2:00
MEETS: AUG 21-DEC 15
3898010 2 TR 11:00-11:50
R 2:10-4:00
MEETS: AUG 21-DEC 15
3898015 3 TR 11:00-11:50
R 4:10-6:00PM
MEETS: AUG 21-DEC 15

INDEP STDY PLT PATH PL P 490A 1-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CREDITS IN BIOLOGICAL SCIENCES, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION

HONORS INDEP STUDY PL P 490H 1-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CR IN BIOL SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION

FOR INSECTS &DISEAS LAB PL P 416L 1 CREDIT
Prereq: BIOC 211 OR EQUIVALENT. CREDIT OR ENROLLMENT IN BRP P 416.
2628005 M 3:10-6:00PM
MEETS: AUG 21-DEC 15

FOR INSECTS &DISEAS PL P 416 3 CREDITS
Prereq: BIOC 211 OR EQUIVALENT. CREDIT OR ENROLLMENT IN BRP P 416.
5942005 MWF 2:10-3:00
MEETS: AUG 21-DEC 15

PRIN OF PLANT PATH PL P 508 3 CREDITS
Prereq: 8 CR IN BIOLOGICAL SCI, INCLUDING BIOC 211 OR EQUIVALENT.
3902005 1 TR 11:00-11:50
R 12:10-2:00
MEETS: AUG 21-DEC 15
3902010 2 TR 11:00-11:50
R 2:10-4:00
MEETS: AUG 21-DEC 15
3902015 3 TR 11:00-11:50
R 4:10-6:00PM
MEETS: AUG 21-DEC 15

SPECIAL TOPICS PL P 590 1-3 CREDITS
Prereq: 10 CR IN BIOLOGICAL SCI, INSTR PERMISSION

HONORS INDEP STUDY PL P 590H 1-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CR IN BIOL SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM

UNIVERSITY HONORS PROGRAM ONLY.

PLANT & ANIMAL PHYSIOLOGY PLBIO 508H 3 CREDITS
Prereq: BIOC 211 OR EQUIVALENT. CREDIT OR ENROLLMENT IN BRP P 416.
3155005
MEETS: AUG 21-DEC 15

UNIVERSITY HONORS PROGRAM ONLY.

IMPROV PRO PRESENTN PL P 628 2 CREDITS
Prereq: GRADUATE CLASSIFICATION
9440005 M 3:10-5:00
MEETS: AUG 21-DEC 15

MOL BIO PLT PATHOOGN PL P 692 3 CREDITS
Prereq: PL P 506 OR BBMB 405 OR GEN 411 OR MICRO 402 OR STRONG BACKGROUND IN MOLECULAR BIOLOGY
5957005 ARRANGED
MEETS: AUG 21-DEC 15

SEMINAR PL P 698 1 CREDIT
Satisfactory-Fail Only.

See dept for reference numbers.
PLANT PATHOLOGY

THEISIS DIS RESEARCH PL P 699 VAR. CREDITS

POLITICAL SCIENCE

ORIENTAL POLIT SCI POL S 101 1 CREDIT
Prereq: POL S AND OPEN OPTION MAJORS ONLY OR PERMISSION OF INSTRUCTOR
Note: Course restricted to Pol S, open option majors.
Satisfactory-Fail Only.
3912005 TR 11:00-11:50
MEETS: Aug 21- Oct 13

INTRO AMERIC GOVERN PM POL S 215 3 CREDITS
5961005 1 TR 9:30-10:50
MEETS: Aug 21-Dec 15
5961010 2 MW 10:00-10:50
MEETS: Aug 21-Dec 15
5961015 3 TR 11:00-12:20
MEETS: Aug 21-Dec 15

INTRO ETHICS & POLTCS POL S 235 3 CREDITS
5715005 A MW 11:00-11:50
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S majors only
5715010 B MW 11:00-11:50
Note: Section B restricted to majors other than Pol S

INTRO CMPAR GOVT & POL POL S 241 3 CREDITS
Note: Meets international perspectives reqmt
5964005 1 TR 9:30-10:50
MEETS: Aug 21-Dec 15
5964010 2 MW 10:00-10:50
MEETS: Aug 21-Dec 15

INTRO INTERNATL POL POL S 251 3 CREDITS
Note: Meets international perspectives reqmt
5965005 1 MW 9:00-9:50
MEETS: Aug 21-Dec 15

POLITICAL BEHAVIOR POL S 305 3 CREDITS
Prereq: Sophomore classification
5966005 A MW 11:00-11:50
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S majors only
5966010 B MW 11:00-11:50
Note: Section B restricted to majors other than Pol S

STATE & LOCAL GOVT POL S 310 3 CREDITS
Prereq: 3 cr in Pol S
5968005 1A TR 11:00-12:20
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S majors only
5968010 1B TR 11:00-12:20
MEETS: Aug 21-Dec 15
Note: Section B restricted to majors other than Pol S

SPL TOPCS AMER GOVT POL S 312 2 CREDITS
Note: A topic may not be taken more than once
8810005 1 MW 10:00-10:50
MEETS: Aug 21-Oct 13

LAW AND POLITICS POL S 319 3 CREDITS
Prereq: Sophomore standing; Pol S 215 recommended
Note: Credit for either Pol S 219 or Pol S 230, but not both, may be applied toward graduation
3865005 1A MW 3:10-4:00
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S sophomores, juniors and seniors only
3865010 1B MW 3:10-4:00
MEETS: Aug 21-Dec 15
Note: Section B restricted to majors other than Pol S

POLITICS & SOCIETY POL S 334 3 CREDITS
Prereq: A course in pol s or Soc
7403005 A TR 2:10-3:30
MEETS: Aug 21-Dec 15

PUBLIC POLICY POL S 344 3 CREDITS
9243005 1A TR 9:30-10:50
MEETS: Aug 21-Dec 15
9243010 1B TR 9:30-10:50
MEETS: Aug 21-Dec 15
Note: Section B restricted to majors other than Pol S

POLITICAL SCIENCE (CONTINUED)

POLIT RUS & STATES POL S 349 3 CREDITS
Note: Meets international perspectives reqmt
5996005 1A TR 12:40-2:00
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S majors only
5996010 1B TR 12:40-2:00
MEETS: Aug 21-Dec 15
Note: Section B restricted to majors other than Pol S

POLIT OF MIDDLE EAST POL S 350 3 CREDITS
Note: Meets international perspectives reqmt
7220010 1A TR 2:10-3:30
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S majors only
7220010 1B TR 2:10-3:30
MEETS: Aug 21-Dec 15
Note: Section B restricted to majors other than Pol S

THEOR INTL POLITICS POL S 356 3 CREDITS
7231005 A TR 12:40-2:00
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S majors only
7231010 B TR 12:40-2:00
MEETS: Aug 21-Dec 15
Note: Section B restricted to majors other than Pol S

U.S FOREIGN POLICY POL S 358 3 CREDITS
Prereq: Pol S 215 or Pol S 251, or HIST 467 or HIST 470 or HIST 471
5979005 1A MNF 1:10-2:00
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S majors only
5979010 1B MNF 1:10-2:00
MEETS: Aug 21-Dec 15
Note: Section B restricted to majors other than Pol S

AMER INSTI:CONGRESS POL S 360 3 CREDITS
Prereq: Pol S 215
5980005 A MNF 11:00-11:50
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S majors only
5980010 B MNF 11:00-11:50
MEETS: Aug 21-Dec 15

AMER INSTITU: MEDIA POL S 363 3 CREDITS
5809005 1A MNF 12:10-1:00
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S majors only
5809010 B MNF 12:10-1:00
MEETS: Aug 21-Dec 15

POL PART I: INTRST GR POL S 364 3 CREDITS
Prereq: Sophomore classification
6003005 1A TR 2:10-3:30
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S majors only
6003010 1B TR 2:10-3:30
MEETS: Aug 21-Dec 15
Note: Section B restricted to majors other than Pol S

RELIGION & POLITICS POL S 370 3 CREDITS
Prereq: Sophomore classification
3166005 A TR 3:30-5:00
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S majors only
3166010 B TR 3:30-5:00
MEETS: Aug 21-Dec 15
Note: Section B restricted to majors other than Pol S

INTR PUBLIC ADMINIST POL S 371 3 CREDITS
Prereq: Sophomore classification
5982005 1 TR 9:30-10:50
MEETS: Aug 21-Dec 15

ADV WRITING POL SCI POL S 395 3 CREDITS
Satisfactory-Fail Only.

LEGAL ANALYSIS POL S 402 3 CREDITS
4051005 A MNF 1:10-2:00
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S majors only
4051010 B MNF 1:10-2:00
MEETS: Aug 21-Dec 15

CONSTITUTIONAL LAW POL S 420 3 CREDITS
Prereq: Pol S 215; Junior classification
5988005 1A MNF 1:10-2:00
MEETS: Aug 21-Dec 15
Note: Section A restricted to Pol S majors only
POLITICAL SCIENCE  (CONTINUED)

FND WST POL THOUGHT  POL S 430  3 CREDITS
Prereq: 6 CR IN POL S, PHIL, OR EUROPEAN HIST
5992005  A MWF 9:10-9:50
Note: SECTION A RESTRICTED TO POL S MAJORS ONLY
MEETS: AUG 21-DEC 15
6002100  B MWF 9:10-9:50
Note: SECTION B RESTRICTED TO MAJORS OTHER THAN POL S
MEETS: AUG 21-DEC 15

INT'L ORGANIZATIONS  POL S 453  3 CREDITS
Prereq: POL S 251
6001015  1A TR 2:10-3:30
Note: SECTION 1A RESTRICTED TO POL S MAJORS ONLY.
Note: SOME OF THE CONTENT WILL BE DELIVERED ONLINE. THERE
WILL BE AT LEAST ONE CLASSROOM MEETING EACH WEEK.
6001010  1B TR 2:10-3:30
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN POL S
Note: SOME OF THE CONTENT WILL BE DELIVERED ONLINE. THERE
WILL BE AT LEAST ONE CLASSROOM MEETING EACH WEEK.

IND STUDY AMER GOVT POL S 490A VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.

IND STUDY THRYMETH POL S 490B VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.

IND STUDY COMP POL POL S 490C VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.

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. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.

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. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.

IND STUDY CATT CNTR POL S 490G VAR. CREDITS
Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROC
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.

INDEP STUDY HONORS POL S 490H VAR. CREDITS
Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROC
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.

SENIOR THESIS POL S 491 3 CREDITS
Prereq: 21 CREDITS OF POL S, SENIOR STATUS AND
PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

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-Pass Only.

RESEARCH INTERNSHIP POL S 497 3 CREDITS
Prereq: 12 CR 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-Pass Only.

COOPERATIVE EDUCAT POL S 498 R CREDIT
Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION
Coordinating Class.

POL SCI INTERNSHIP POL S 499 VAR. CREDITS
Prereq: 6 CREDITS IN POL S; JUNIOR OR SENIOR
CLASSIFICATION, PERMISSION OF INTERNSHIP COORDINATOR
Note: USE OF POL S 499 CREDIT IN POL S MAJOR AND MINOR
DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE
STUDY SECTION OF CATALOG FOR DETAILS.
Satisfactory-Pass Only.

POLITICAL SCIENCE  (CONTINUED)

INTERNSHIP POL S 598 3-6 CREDITS
Prereq: 15 CREDITS IN POL S, INSTRUCTOR PERMISSION
4540005 A T 3:10-6:00PM
MEETS: AUG 21-DEC 15
| Section info: http://www.dso.iastate.edu/asc/psych131/ |
| MEETS: AUG 21-DEC 15 |
| 6071020  AD M 11:00-11:50 |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071010  AB M 9:00-9:50, ARRANGED |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071005  AC M 10:00-10:50 |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071025  AE M 12:10-1:00 |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071035  AG M 2:10-3:00, ARRANGED |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071055  BB T 9:30-10:20, ARRANGED |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071075  BF T 2:10-3:00, ARRANGED |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071105  CB W 9:00-9:50, ARRANGED |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071110  CC W 10:00-10:50 |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071115  CD W 11:00-11:50 |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071130  CG W 12:10-1:00, ARRANGED |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071155  DB R 9:30-10:20, ARRANGED |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071169  DD R 12:40-1:30, ARRANGED |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071175  DF R 2:10-3:00, ARRANGED |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071205  EB F 9:00-9:50, ARRANGED |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071210  EC F 10:00-10:50 |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071215  ED F 11:00-11:50 |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071220  EE F 12:10-1:00 |
| Note: Instructor permission required 1st week. |
| MEETS: AUG 21-DEC 15 |
| 6071240  EF M 3:10-4:00 |
| Note: Instructor permission required 1st week. |
| MEETS: OCT 16-DEC 15 |
| 6071305  MG M 3:10-4:00 |
| Note: Instructor permission required 1st week. |
| MEETS: OCT 16-DEC 15 |
| 6071320  MH M 4:10-5:00 |
| Note: Instructor permission required 1st week. |
| MEETS: OCT 16-DEC 15 |
| 6071345  MJ M 5:10-6:00 |
| Note: Instructor permission required 1st week. |
| MEETS: OCT 16-DEC 15 |
MOTIVATION PSYCH 314 3 CREDITS
PreReq: PSYCH 101
6081005 A1 MWF 10:00-10:50
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

PHYSICAL PSYCH PSYCH 230 3 CREDITS
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/nigh-exams
6072005 A TR 9:30-10:45
MEETS: AUG 21-DEC 15
6072010 B TR 8:00-9:15
MEETS: AUG 21-DEC 15

PREREQ: PSYCH 101

SOCIAL PSYCHOLOGY PSYCH 280 3 CREDITS
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/nigh-exams
6075005 A TR 12:40-1:35
MEETS: AUG 21-DEC 15
6075010 B TR 2:10-3:25
MEETS: AUG 21-DEC 15

INTRO RESCH EXPERIMENTAL PSYCH 291 1-4 CREDITS
Fees: PSYCH 101, SOPHOMORE CLASSIFICATION, INSTRUCTOR PERMISSION
Satisfaction: Pass-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

RES DSIGN & METHODS PSYCH 301 3 CREDITS
PreReq: STAT 101; 1 COURSE IN PSYCHOLOGY
6060010 A1 MWF 12:10-1:00
MEETS: AUG 21-DEC 15
Note: SECTION A1 RESTRICTED TO MAJORS OTHER THAN PSYCH

6060015 A2 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

6060020 A2 MWF 2:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

PSYCH 302 3 CREDITS
PreReq: PSYCH 101; PSYCH 230 OR HD FS 102
1173005 A TR 11:00-12:15
MEETS: AUG 21-DEC 15
1173010 B TR 12:40-1:55
MEETS: AUG 21-DEC 15
1173015 C TR 9:00-10:50
MEETS: AUG 21-DEC 15
1173020 D TR 11:00-12:15
MEETS: AUG 21-DEC 15

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS
PreReq: PSYCH 101
1515005 A1 MWF 12:10-1:00
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

1515010 A2 MWF 12:10-1:00
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

SENSATION & PERCEPTION PSYCH 312 3 CREDITS
PreReq: PSYCH 101
6079005 A1 M 4:00-9:00PM
MEETS: AUG 21-DEC 15
Note: SECTION A1 RESTRICTED TO MAJORS OTHER THAN PSYCH

6079010 A2 M 6:10-9:00PM
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

LEARNING & MEMORY PSYCH 313 3 CREDITS
PreReq: PSYCH 101
6080010 A1 MWF 10:00-10:50
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

6080015 A1 MWF 10:00-10:50
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

DRUGS & BEHAVIOR PSYCH 315 3 CREDITS
PreReq: PSYCH 101
6082015 A1 MWF 2:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

6082020 A2 MWF 2:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

COGNITIVE PSYCHOLOGY PSYCH 316 3 CREDITS
PreReq: PSYCH 101
6083005 A1 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

6083010 A2 MWF 1:10-2:00
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

EDUCATIONAL PSYCH PSYCH 333 3 CREDITS
PreReq: PSYCH 230 OR HD FS 102, MAJOR IN PSYCH OR APPLICATION TO THE TEACHER ED PROGRAM
Note: FOR PSYCHOLOGY AND SECONDARY EDUCATION MAJORS ONLY
4361005 1 MWF 11:00-12:15
MEETS: AUG 21-DEC 15

ABNORM PSY PSYCHA 335 3 CREDITS
PreReq: PSYCH 101; PSYCH 200 OR PSYCH 210;
4299005 A1 MWF 11:00-12:15
MEETS: AUG 21-DEC 15
Note: SECTION A1 RESTRICTED TO MAJORS OTHER THAN PSYCH

4299010 A2 MWF 9:00-10:15
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

PSYCHOLOGY OF WOMEN PSYCH 346 3 CREDITS
PreReq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101
Note: Meets U.S. diversity reqnt
6085005 A1 TR 12:40-2:00
MEETS: AUG 21-DEC 15
Note: SECTION A1 RESTRICTED TO MAJORS OTHER THAN PSYCH

6085010 A2 TR 12:40-2:00
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

HUMAN FACTORS IN TECH PSYCH 350 3 CREDITS
PreReq: PSYCH 101, JUNIOR CLASSIFICATION
9227010 A1 TR 12:40-2:00
MEETS: AUG 21-DEC 15
Note: SECTION A1 RESTRICTED TO MAJORS OTHER THAN PSYCH

9227015 A2 TR 12:40-2:00
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

PERSONALITY PSYCH PSYCH 360 3 CREDITS
PreReq: PSYCH 101
6087005 A1 M 11:00-12:15
MEETS: AUG 21-DEC 15
Note: THE ARRANGED PORTION OF THE COURSE WILL BE DELIVERED VIA WWW. SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH.

6087010 A2 M 11:00-12:15
MEETS: AUG 21-DEC 15
Note: THE ARRANGED PORTION OF THE COURSE WILL BE DELIVERED VIA WWW. SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH.

SOCIAL COGNITION PSYCH 380 3 CREDITS
PreReq: PSYCH 101 OR PSYCH 280
6180005 A1 MWF 9:00-10:15
MEETS: AUG 21-DEC 15
Note: SECTION A1 RESTRICTED TO MAJORS OTHER THAN PSYCH

6180010 A2 MWF 9:00-10:15
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

SOCIAL PSYCH PSYCH 383 3 CREDITS
PreReq: PSYCH 101 OR PSYCH 280
9080010 A1 TR 2:10-3:20
MEETS: AUG 21-DEC 15
Note: SECTION A1 RESTRICTED TO MAJORS OTHER THAN PSYCH

9080015 A3 TR 2:10-3:20
MEETS: AUG 21-DEC 15
Note: SECTION A3 RESTRICTED TO MAJORS OTHER THAN PSYCH.

COUNSEL THEOR & TECHN Q PSYCH 422 3 CREDITS
PreReq: 3 COURSES IN PSYCH
6093005 A1 TR 11:00-12:15
MEETS: AUG 21-DEC 15
Note: SECTION A1 RESTRICTED TO MAJORS OTHER THAN PSYCH

6093010 A2 TR 11:00-12:15
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH.
LAB CONSL THRATHCNQ  PSYCH 422L  1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN PSYCH 422, MAJOR OR MINOR IN PSYCHOLOGY, PSYCH 450, OR PSYCH 425;
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY
MEETS: AUG 21-DEC 15
2844005  1 T 9:00-10:40
2844010  2 T 11:00-12:50
2844015  3 R 9:00-10:40
2844020  4 R 11:00-12:50
2844025  5 F 9:00-10:40
2844030  6 F 11:00-12:50

PSYCH MEASUREMENT I  PSYCH 440  3 CREDITS
Prereq: PSYCH 301 AND 9 CREDITS IN PSYCHOLOGY, STAT 101;
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY
6099005  A M 12:10-2:00
6099010  B M 12:10-2:00
6099015  C M 12:10-2:00
6099020  D M 12:10-2:00
6099025  E M 12:10-2:00
6099030  F M 12:10-2:00
6099035  G M 12:10-2:00
6099040  H M 12:10-2:00
6099045  I M 12:10-2:00

ABNORMAL PSYCHOLOGY  PSYCH 460  3 CREDITS
Prereq: 3 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101;
6102005  A1 TR 8:00-9:20
Note: SECTION A1 RESTRICTED TO PSYCH MAJORS ONLY
6102010  A2 TR 8:00-9:20
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH, KIN, KIN H
6102015  A3 TR 11:00-12:20
Note: SECTION A3 RESTRICTED TO PSYCH, KIN, KIN H MAJORS ONLY
6102020  B1 TR 2:10-3:30
Note: SECTION B1 RESTRICTED TO PSYCH MAJORS ONLY
6102030  B2 TR 2:10-3:30
Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN PSYCH, KIN, KIN H
6102035  B3 TR 2:10-3:30
Note: SECTION B3 RESTRICTED TO KIN, KIN H MAJORS ONLY

CLOSE RELATIONSHIPS  PSYCH 484  3 CREDITS
Prereq: 9 CREDITS IN PSYCHOLOGY INCLUDING PSYCH 280;
5693005  A1 TR 2:10-3:30
Note: SECTION A1 RESTRICTED TO PSYCH MAJORS ONLY
5693010  A2 TR 2:10-3:30
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

INDEPENDENT STUDY  PSYCH 490  1-3 CREDITS
Prereq: JR CLASSIFICATION, 6 CR IN PSYCH, INSTRUCTOR PERMISSION,
Note: NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
APPLIED TOWARD A DEGREE IN PSYCHOLOGY, COURSE
RESTRICTED TO JUNIORS AND SENIORS ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS
INDEP STUDY HONORS  PSYCH 490H  1-3 CREDITS
Prereq: JR CLASSIFICATION, INSTRUCTOR PERMISSION,
Note: NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
APPLIED TOWARD A DEGREE IN PSYCHOLOGY, COURSE
RESTRICTED TO JUNIORS AND SENIORS WHO ARE MEMBERS
OF THE UNIVERSITY HONORS PROGRAM.
******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH PRACTICUM  PSYCH 491 VAR. CREDITS
Prereq: JR CLASSIFICATION, INSTRUCTOR PERMISSION,
Note: NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE
APPLIED TOWARD A DEGREE IN PSYCHOLOGY, COURSE
RESTRICTED TO JUNIORS AND SENIORS ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

FLD PRACTCM: HUMN SV  PSYCH 492A VAR. CREDITS
Prereq: JR CLASSIFICATION, 12 CREDITS IN PSYCHOLOGY, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS
PUBLIC RELATIONS WRIT P R 321 3 CREDITS
Prereq: JL MC 110, C+ OR BETTER IN JL MC 201;
CREDIT OR CONCURRENT ENROLLMENT IN ADVRT 301 OR P R 301
Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS
7171005 1 TR 8:00-9:50
MEETS: AUG 21-DEC 15
7171010 2 TR 8:00-9:50
MEETS: AUG 21-DEC 15
7171015 3 MW 8:00-9:50
MEETS: AUG 21-DEC 15
7171020 4 MW 8:00-11:50
MEETS: AUG 21-DEC 15

PUBLIC REL REL CAMPAIGN P R 424 3 CREDITS
Prereq: C+ OR BETTER IN P R 321; ADVRT 301 OR P R 301
Note: COURSE RESTRICTED TO JL MC, ADVRT, P R JUNIORS AND SENIORS
7211005 1 TR 11:00-12:20
MEETS: AUG 21-DEC 15
7211010 2 TR 9:30-10:50
MEETS: AUG 21-DEC 15

PRO MDIA INTERN:OPT P R 499B 1-3 CREDITS
Prereq: NO MORE THAN 6 CREDITS OF 499A, 499B FROM THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
Department permission required.
Satisfactory-Fail Only.
Note: SEE DEPT FOR REFERENCE NUMBERS
7171005 1 TR 8:00-9:20
MEETS: AUG 21-DEC 15
7171010 2 TR 9:30-10:50
MEETS: AUG 21-DEC 15

RESEARCH IN RELIGION RELIG 210 3 CREDITS
Note: Meets international perspectives reqmt
6188005 A TR 12:40-2:00
MEETS: AUG 21-DEC 15
6188010 B MW 11:00-11:50
MEETS: AUG 21-DEC 15
6188015 C MF 9:00-9:50
MEETS: AUG 21-DEC 15
6188020 D MF 10:00-11:00
MEETS: AUG 21-DEC 15
6188025 E MF 11:00-12:00
MEETS: AUG 21-DEC 15
6188030 F TR 9:30-10:50
MEETS: AUG 21-DEC 15
6188035 G TR 10:00-11:00
MEETS: AUG 21-DEC 15
6188040 H MF 11:00-11:50
MEETS: AUG 21-DEC 15
6188045 I TR 8:00-9:00
MEETS: AUG 21-DEC 15
6188050 J TR 9:30-10:50
MEETS: AUG 21-DEC 15
6188055 K TR 10:00-11:00
MEETS: AUG 21-DEC 15
6188060 L TR 11:00-12:00
MEETS: AUG 21-DEC 15

INTRO TO THE BIBLE RELIG 220 3 CREDITS
6189005 A MF 11:00-11:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
6189010 B MF 11:00-11:50
MEETS: AUG 21-DEC 15
Note: Instructor permission required 1st week.
**RELIGIOUS STUDIES (CONTINUED)**

**CHRISTINV BKN-REFRM RELIG 242 3 CREDITS**  
Note: Meets international perspectives reqmt  
6247005 TR 9:30-10:45  
MEETS: AUG 21-DEC 15

**INTRO CATHOLICISM RELIG 280 3 CREDITS**  
6242005 TR 2:10-3:25  
MEETS: AUG 21-DEC 15

**OLD TESTAMENT RELIG 321 3 CREDITS**  
6194005 A MW 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required 1st week.

**AFRI AMER RELIG EXP RELIG 334 3 CREDITS**  
Prereq: PRIOR COURSE WORK IN RELIG OR AP AM  
RECOMMENDED  
8636005 TR 2:10-3:25  
MEETS: AUG 21-DEC 15

**RELIG TRADITN INDIA RELIG 352 3 CREDITS**  
Prereq: RELIG 205 OR EQUIVALENT  
Note: Meets international perspectives reqmt  
1436005 TR 2:10-3:00  
MEETS: AUG 21-DEC 15

**RELIGION & POLITICS RELIG 370 3 CREDITS**  
3165005 1A TR 11:00-12:20  
MEETS: AUG 21-DEC 15  
Note: SECTION 1A RESTRICTED TO PGR S MAJORS ONLY

**GRK ARCHAE:TO 700BC RELIG 376A 3 CREDITS**  
Prereq: Meets international perspectives reqmt  
2191005 MW 1:10-2:00  
MEETS: AUG 21-DEC 15

**RELIGION & ECOLOGY RELIG 384 3 CREDITS**  
Note: Meets international perspectives reqmt  
2740005 MW 2:10-3:00  
MEETS: AUG 21-DEC 15

**INDEPENDENT STUDY RELIG 490 1-3 CREDITS**  
Prereq: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR, APPROVAL OF DEPT CHAIR  
Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
*******  
INDEPENDENT STUDY HONORS RELIG 490H 1-3 CREDITS  
Prereq: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR, APPROVAL OF DEPT CHAIR  
Note: NO MORE THAN 9 CREDITS OF RELIG 490H MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
*******  
SENIOR THESIS RELIG 491 3 CREDITS  
*******  
SEE DEPT FOR REFERENCE NUMBERS

**RESEARCH & EVALUATION**

**INTRO EDUC RESEARCH RESEV 550 3 CREDITS**  
6211005 1 M 5:30-8:30PM  
MEETS: AUG 21-DEC 15

**BASIC EDUC STATIST RESEV 552 3 CREDITS**  
7368005 1 R 5:30-8:30PM  
MEETS: AUG 21-DEC 15

**INTERMED RES MTHDS RESEV 554 3 CREDITS**  
Prereq: RESEV 553 OR STAT 404  
6214005 1 M 5:10-8:00PM  
MEETS: AUG 21-DEC 15

**INTRO QLTV RES MTHD RESEV 580 3 CREDITS**  
4059005 1 W 5:30-8:30PM  
MEETS: AUG 21-DEC 15

**SPECIAL TOPICS RESEV 590 1-3 CREDITS**  
Prereq: GRADUATE STANDING  
*******  
SEE DEPT FOR REFERENCE NUMBERS

**RESEARCH & EVALUATION (CONTINUED)**

**SUPRVSD FIELD EXPER RESEV 591 2-4 CREDITS**  
Prereq: RESEV 553 OR RESEV 680  
*******  
SEE DEPT FOR REFERENCE NUMBERS

**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**

**ELEMENTRY RUSSIAN I RUS 101 4 CREDITS**  
Note: STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS OF HIGH SCHOOL RUSSIAN MAY NOT ENROLL IN 101.  
Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
6225005 1 MTWR 10:00-10:50  
MEETS: AUG 21-DEC 15

**INTERMED RUSSIAN I RUS 201 4 CREDITS**  
Prereq: RUS 101  
Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
5090005 1 M 6:10-9:00PM  
MEETS: AUG 21-DEC 15

**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  
Instructor permission required 1st week.  
*******  
SEE DEPT FOR REFERENCE NUMBERS

**INTERNSH IN RUSSIAN RUS 499 1-3 CREDITS**  
Prereq: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL; PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR  
Note: NO MORE THAN 9 CREDITS IN RUS 499 MAY BE APPLIED TOWARD GRADUATION IN THE MINOR  
Department permission required.  
*******  
SEE DEPT FOR REFERENCE NUMBERS

**SOCIOLOGY**

**ORIENTATION PUB SER SOC 110 1 CREDIT**  
6318005 A R 10:00-11:50  
MEETS: AUG 21-DEC 15

**SOCIOLOGY ORIENTATN SOC 115 1 CREDIT**  
6345005 A MW 9:00-10:50  
MEETS: AUG 21-DEC 15

**INTRO TO SOCIOLOGY SOC 134 3 CREDITS**  
Note: CREDIT FOR EITHER SOC 134 OR SOC 130, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
6346005 1 MW 10:00-10:50  
MEETS: AUG 21-DEC 15

**INTIMATE RELATIONSHIP SOC 219 3 CREDITS**  
6349005 A TR 9:30-10:50  
MEETS: AUG 21-DEC 15

**RURL SOCIE TRANSITN SOC 230 3 CREDITS**  
6345010 B MW 10:00-10:50  
MEETS: AUG 21-DEC 15

**SOC SCI RSRCH MTHDS SOC 330 3 CREDITS**  
6346010 B MW 10:00-10:50  
MEETS: AUG 21-DEC 15
6356005  A1 TR 2:10-3:30
MASCULINITY & MANHOOD SOC 328 3 CREDITS
Prereq: SOC 134 OR MAJORS ONLY
Note: Restricted to majors other than SOC, P S A, AG SO, INDIS - CJ ST
6356005  A2 TR 2:10-3:30
MASCULINITY & MANHOOD SOC 328 3 CREDITS
Prereq: SOC 134 OR MAJORS ONLY
Note: Restricted to majors other than SOC, P S A, AG SO, INDIS - CJ ST

6356005  B1 MF 10:00-10:50
METS: AUG 21-DEC 15
PREREQ: 9 CREDITS IN SOC
CONTEMP SOC THEORIES SOC 401 3 CREDITS
Note: SECTION B3 RESTRICTED TO MAJORS OTHER THAN SOC, P S A, AG SO
6356005  B2 MF 10:00-10:50
METS: AUG 21-DEC 15
PREREQ: 9 CREDITS IN SOC
CONTEMP SOC THEORIES SOC 401 3 CREDITS
Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN SOC, P S A, AG SO, INDIS - CJ ST

6356005  A TR 8:00-9:15
METS: AUG 21-DEC 15
SOCIOLOGY OF WORK SOC 380 3 CREDITS
Prereq: SOC 134

6356005  A1 TR 11:00-12:15
MEETS: AUG 21-DEC 15
SOC CHNGE DEV CNTRI SOC 411 3 CREDITS
Prereq: SOC 134 PLUS 3 CREDITS IN SOCIAL SCIENCES
Note: International perspectives reqmt

6356005  A TR 9:30-10:50
MEETS: AUG 21-DEC 15
SOC PSYCH: SOC PERSP SOC 305 3 CREDITS
Prereq: SOC 134

6355005  A A TR 9:30-10:50
MEETS: AUG 21-DEC 15
Note: SECTION A1 RESTRICTED TO SOC, P S A, AG SO, INDIS - CJ ST
6355010  A2 TR 9:30-10:50
MEETS: AUG 21-DEC 15
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN SOC, P S A, AG SO, INDIS - CJ ST, W S MAJORS ONLY. SECTIONS A2, B2

SOCIOLOGY (CONTINUED)

INDEPENDENT STUDY SOC 490 A 1-3 CREDITS
Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR
Note: Students in the College of Agriculture may apply no more than 6 credits of SOC 490 toward the total of 128 credits required for graduation. Students in the LAS College may apply no more than 9 credits of SOC 490 toward graduation.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY RURAL SOC SOC 490B 1-3 CREDITS
Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR
Note: Students in the College of Agriculture may apply no more than 6 credits of SOC 490 toward the total of 128 credits required for graduation. Students in the LAS College may apply no more than 9 credits of SOC 490 toward graduation.
******** SEE DEPT FOR REFERENCE NUMBERS

CLASSIC SOC THEORY SOC 506 3 CREDITS
Prereq: SOC 401 OR SOC 505
4924005 A TR 12:40-2:00
MEETS: AUG 21-DEC 15
APPLIED ETHICS AG SOC 362 3 CREDITS
Prereq: SOC 134 OR CJ ST 240
SOC POLICY: SOCIAL SCIENCE SOC 334 3 CREDITS
Prereq: A COURSE IN POLITICAL SCIENCE OR POLITICS & SOCIETY SOC 334 3 CREDITS
MEETS: AUG 21-DEC 15
POLITICS & SOCIETY SOC 334 3 CREDITS
Prereq: A COURSE IN POLITICAL SCIENCE OR SOCIOLOGY 7401005 A TR 2:10-3:30
MEETS: AUG 21-DEC 15
DEVIANT & CRIM BEHAV SOC 340 3 CREDITS
Prereq: SOC 134 OR CJ ST 240
SOCIOLOGY OF WORK SOC 380 3 CREDITS
Prereq: SOC 134

6356005  A1 TR 8:00-9:15
MEETS: AUG 21-DEC 15
Note: SECTION A1 RESTRICTED TO SOC, INDIS - CJ ST MAJORS ONLY
6362010  A2 TR 8:00-9:15
MEETS: AUG 21-DEC 15
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN SOC, P S A, AG SO
6362015  A3 TR 8:00-9:15
MEETS: AUG 21-DEC 15
Note: SECTION A3 RESTRICTED TO MAJORS OTHER THAN SOC, P S A, AG SO
6362020  B1 MF 8:00-9:50
MEETS: AUG 21-DEC 15
Note: SECTION B1 RESTRICTED TO SOC, INDIS - CJ ST MAJORS ONLY
6362025  B2 MF 8:00-9:50
MEETS: AUG 21-DEC 15
Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN SOC, P S A, AG SO
6362030  B3 MF 9:00-10:50
MEETS: AUG 21-DEC 15
Note: SECTION B3 RESTRICTED TO MAJORS OTHER THAN SOC, P S A, AG SO
CONTEMP SOC THEORIES SOC 401 3 CREDITS
Prereq: 9 CREDITS IN SOC

6365005  A TR 11:00-12:15
MEETS: AUG 21-DEC 15
SOC CHNGE DEV CNTRI SOC 411 3 CREDITS
Prereq: SOC 134 PLUS 3 CREDITS IN SOCIAL SCIENCES
Note: International perspectives reqmt

6323005  A TR 2:10-3:30
MEETS: AUG 21-DEC 15
CRIM & JUV JUST FRAC 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 3 CREDITS OF SOC 460 MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN SOC 460/CJ ST 460 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
Satisfactory-Fail Only.
6370005 ARRANGED
MEETS: AUG 21-DEC 15

SOFTWARE ENGINEERING

SOFTWAR ENGR ORIENT S E 101 R CREDIT
Prereq: COURSE RESTRICTED TO 6 & MAJORS ONLY
7288005 A W 9:00-9:50
MEETS: AUG 21-DEC 15
7288010 B TR 11:00-11:50
MEETS: AUG 21-DEC 15
CONVERS FOR PROFSNL SPAN 303B 3 CREDITS
6160020 2B TR 2:10-3:30
6160025 3A MWF 10:00-10:50
6160030 3B MWF 10:00-10:50
6160035 4A MWF 12:10-1:00
6160040 4B MWF 12:10-1:00
SPANISH FOR PROFSNL SPAN 304 3 CREDITS
Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM; SPAN 301 RECOMMENDED
Note: Meets international perspectives reqmt.
6432005 1 MWF 1:10-2:00
6432010 2 MWF 11:00-11:50
Note: Meets international perspectives reqmt.
8804005 1 TR 9:30-10:50
MTS: AUG 21-DEC 15
8804010 2 TR 11:00-12:20
MTS: AUG 21-DEC 15
STD LATIN AMER LIT SPAN 332 3 CREDITS
Prereq: SPAN 314
Note: Meets international perspectives reqmt.
6477005 1 TR 11:00-12:20
MTS: AUG 21-DEC 15
INTR SPANISH PHONOLG SPAN 352 3 CREDITS
Prereq: SPAN 301, SPAN 303 OR SPAN 304
Note: Meets international perspectives reqmt
3382005 1 TR 12:40-2:00
MTS: AUG 21-DEC 15
SEM CERVANTES&GOLDN SPAN 441 3 CREDITS
Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333
(Recommend SPAN 330)
Note: Meets international perspectives reqmt.
6492005 1 MWF 10:00-10:50
MTS: AUG 21-DEC 15
SEM LIT&CUL LATIN AM SPAN 445 3 CREDITS
Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333
(Recommend SPAN 332 & SPAN 333)
Note: Meets international perspectives reqmt
6496005 1 TR 9:30-10:50
MTS: AUG 21-DEC 15
HISPAN DIALECTOLOGY SPAN 463 3 CREDITS
8900005 1 TR 11:00-12:20
MEETS: AUG 21-DEC 15
INDEPENDENT STUDY SPAN 490 1-6 CREDITS
Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED TOWARD GRADUATION
Permission of department chair required.
**See DEPT for reference numbers.
SPANISH INTERNSHIP SPAN 499 1-3 CREDITS
Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR
Note: No more than 3 credits in span 499 may be applied toward graduation in the major.
Department permission required.
Satisfactory-Fail Only.
**See DEPT for reference numbers.
SEM CERVANT&GLD AGE SPAN 541 3 CREDITS
Prereq: 6 CR IN SPANISH LIT OR CULTURE AT 400 LEVEL.
8146005 MWF 10:00-10:50
MTS: AUG 21-DEC 15
SEM LIT&CUL LATIN AM SPAN 545 3 CREDITS
Prereq: 6 CR IN SPANISH LIT OR CULTURE AT 400 LEVEL
7468005 1 TR 9:30-10:50
MTS: AUG 21-DEC 15
SPL TOP LINGUISTICS SPAN 590B 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 6 CR 400-LEVEL SPAN
2586005 ARRANGED
MTS: AUG 21-DEC 15
SPANISH (CONTINUED)
EXCEPTIONAL LEARNER SP ED 250 3 CREDITS
Prereq: C I 204
Note: Meets U.S. diversity reqmt.
Department permission required 1st week.
6452005 1 MWF 9:00-9:50
MEETS: AUG 21-DEC 15
INTR INST M/I DSBL SP ED 330 3 CREDITS
Prereq: SP ED 250, CONCURRENT ENROLLMENT IN SP ED 455
1260005 TR 11:00-12:20
MEETS: AUG 21-DEC 15
EXCEP LAN GEN CLASS SP ED 334 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN SP ED 330
Note: Department permission required 1st week.
6461005 1 TR 1:30-2:30
MEETS: AUG 21-DEC 15
ASESS INCLUSV CLSRM SP ED 355 2 CREDITS
Prereq: C I 433, C I 439, C I 468;
CONCURRENT ENROLLMENT IN SP ED 455
4385005 M 11:00-1:30
MEETS: AUG 21-DEC 15
Note: No meetings Sept 25-Oct 20
TCGH IN INCLUSV SET SP ED 368 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN C I 377, C I 438 AND 468;
Department permission required 1st week.
4085005 1 W 11:00-1:30
MEETS: AUG 21-DEC 15
Note: No meetings Oct 23-Nov 17
4085010 2 W 3:30-4:45
MEETS: AUG 21-DEC 15
Note: No meetings Oct 23-Nov 17
TCHG IN CLSRM SP ED 403 3 CREDITS
5059005 TR 8:00-9:15
MEETS: AUG 21-DEC 15
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 455, C I 2801, C I 452
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
Department permission required 1st week.
3286005 ARRANGED
MEETS: AUG 21-DEC 15
INSTR MTH INCLU PRI SP ED 455 2 CREDITS
Prereq: C I 433, C I 439, C I 468;
CONCURRENT ENROLLMENT SP ED 355
6848005 TR 1:30-2:30
MEETS: AUG 21-DEC 15
PRE-TCHG III M DSBL SP ED 459 1 CREDIT
Prereq: SP ED 330, SP ED 339, SP ED 365, SP ED 436; ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM.
Satisfactory-Fail Only.
1883005 ARRANGED
MEETS: AUG 21-DEC 15
SPECIAL ED SEMINAR SP ED 460 1 CREDIT
Prereq: SP ED 436 AND CONCURRENT ENROLLMENT IN SP ED 455
1360005 M 11:00-1:30
MEETS: AUG 21-DEC 15
COLLAB PARTNERSHIPS SP ED 464 3 CREDITS
Prereq: SP ED 365, SP ED 436
7963005 1 W 5:10-7:00
MEETS: AUG 21-DEC 15
INDEPENDENT STUDY SP ED 490 1-5 CREDITS
Prereq: 12 CR IN EL ED, PERMISSION OF DEPT CHAIR
Note: Department permission required 1st week.
**See DEPT for reference numbers.
SPANISH INTERNSHIP SP ED 499 1-3 CREDITS
Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR
Note: No more than 3 credits in SPAN 499 may be applied toward graduation in the major.
Department permission required.
Satisfactory-Fail Only.
**See DEPT for reference numbers.
SEM CERVANT&GLD AGE SPED 541 3 CREDITS
Prereq: 6 CR IN SPANISH LIT OR CULTURE AT 400 LEVEL.
8146005 MWF 10:00-10:50
MEETS: AUG 21-DEC 15
SEM LIT&CUL LATIN AM SPED 545 3 CREDITS
Prereq: 6 CR IN SPANISH LIT OR CULTURE AT 400 LEVEL
7468005 1 TR 9:30-10:50
MEETS: AUG 21-DEC 15
SPL TOP LINGUISTICS SPED 590B 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 6 CR 400-LEVEL SPAN
2586005 ARRANGED
MEETS: AUG 21-DEC 15
CREATIVE COMPONENT  SP ED 599  1- 5 CREDITS
Prereq: 15 CREDITS IN EDUCATION
******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  SP ED 699  VAR. CREDITS
Prereq: 15 CREDITS IN EDUCATION
******  SEE DEPT FOR REFERENCE NUMBERS

LISTENING  SP CM 110  3 CREDITS
6418005  A  MWF 12:10-1:00  MEETS: AUG 21-DEC 15

FUND PUBLIC SPEAKING  SP CM 212  3 CREDITS
Note: ATTEND LECTURE THE FIRST DAY - LECTURE IS THE
SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE.
CLASS MEETS THREE HOURS EACH WEEK. LECTURE AND
DISCUSSION MEET ON AN ALTERNATING SCHEDULE ANNOUNCED
IN FIRST DAY OF LECTURE.
8643020 1  MWF 8:00-8:50  MEETS: AUG 21-DEC 15
8643025 2  MWF 9:00-9:50  MEETS: AUG 21-DEC 15
8643030 3  MWF 10:00-10:50  MEETS: AUG 21-DEC 15
8643035 4  MWF 11:00-11:50  MEETS: AUG 21-DEC 15
8643040 5  MWF 12:10-1:00  MEETS: AUG 21-DEC 15
8643045 6  MWF 1:10-2:00  MEETS: AUG 21-DEC 15
8643050 7  MWF 2:10-3:00  MEETS: AUG 21-DEC 15
8643055 8  MWF 3:10-4:00  MEETS: AUG 21-DEC 15
8643060 9  MWF 4:10-5:00  MEETS: AUG 21-DEC 15
8643065 10  MWF 5:10-6:00  MEETS: AUG 21-DEC 15
8643070 11  MWF 6:10-7:00  MEETS: AUG 21-DEC 15
8643075 12  MWF 7:10-8:00  MEETS: AUG 21-DEC 15
8643080 13  MWF 8:10-9:00  MEETS: AUG 21-DEC 15
8643085 14  MWF 9:10-10:00  MEETS: AUG 21-DEC 15
8643090 15  MWF 10:00-10:50  MEETS: AUG 21-DEC 15
8643095 16  MWF 11:00-11:50  MEETS: AUG 21-DEC 15
8643100 17  MWF 12:10-1:00  MEETS: AUG 21-DEC 15
8643105 18  MWF 1:10-2:00  MEETS: AUG 21-DEC 15
8643110 19  MWF 2:10-3:00  MEETS: AUG 21-DEC 15
8643115 20  MWF 3:10-4:00  MEETS: AUG 21-DEC 15

GREAT AMER SPEECHES  SP CM 216  3 CREDITS
Note: Meets U.S. diversity reqmt
4976005  A  MWF 12:10-1:00  MEETS: AUG 21-DEC 15

ANLYS POP CULTR TXT  SP CM 275  3 CREDITS
Frereq: ENGL 250 OR EQUIVALENT
1325005  A  TR 8:00-9:20  MEETS: AUG 21-DEC 15

SPECIAL PROJECTS  SP CM 290  1- 2 CREDITS
Frereq: J CREDITS IN SP CM; PERMISSION OF
PROGRAM DIRECTOR
Note: NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE
MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS
IN SP CM 290 MAY BE APPLIED TOWARD THE MINOR.
******  SEE DEPT FOR REFERENCE NUMBERS

LANGUAG,THOUGHT&ACT  SP CM 305  3 CREDITS
Note: Instructor permission required 1st week.
6427005  A  MWF 9:00-9:50  MEETS: AUG 21-DEC 15
### Fall 2017

#### Statistics Orientat

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APPL PROBABLTY MODELS STAT 432 3 CREDITS
Prereq: STAT 231 OR STAT 341 OR STAT 447
6521005 TR 8:00-9:10 MEETS: AUG 21-DEC 15

STAT THEORY FOR RES STAT 447 4 CREDITS
Prereq: MATH 151 AND INSTR PERMSSN, OR MATH 265
Note: CREDIT FOR EITHER STAT 341/MATH 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
6523005 TR 12:40-2:00 W 1:10-2:00 MEETS: AUG 21-DEC 15

CMPT PROCESSG DATA STAT 479 3 CREDITS
Prereq: STAT 301 OR STAT 326 OR STAT 401
6526005 TR 9:30-10:30 MEETS: AUG 21-DEC 15

INDEPENDENT STUDY STAT 490 VAR. CREDITS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION
** SEE DEPT FOR REFERENCE NUMBERS **

STATISTCL METHODS I STAT 500 4 CREDITS
Prereq: STAT 447 OR CURRENT ENROLLMENT IN STAT 542; KNOWLEDGE OF MATRIX ALGEBRA
6529005 MW 11:00-11:50 T 2:10-4:00 MEETS: AUG 21-DEC 15

DSGN OF EXPERIMENTS STAT 512 3 CREDITS
Prereq: STAT 511
6532005 MW 10:00-10:50 MEETS: AUG 21-DEC 15

STATISTCL MTHDS III STAT 520 3 CREDITS
Prereq: STAT 510, STAT 447 OR STAT 543
4876005 MW 1:10-2:00 MEETS: AUG 21-DEC 15

ECOLOGICAL STATISTICS STAT 534 3 CREDITS
Prereq: STAT 447 OR STAT 542
6539005 TR 3:40-5:00 MEETS: AUG 21-DEC 15

THRY PROBABL & STAT I STAT 542 4 CREDITS
Prereq: MATH 414
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION BY DIETETICS STUDENTS: DIET 554, STAT 491, STAT 495, STAT 542
6546005 MTWF 9:00-9:50 MEETS: AUG 21-DEC 15

NONPARAM METHODS ST STAT 546 3 CREDITS
Prereq: STAT 510, STAT 542
6549005 MW 12:10-1:00 MEETS: AUG 21-DEC 15

TIME SERIES ANALYS STAT 551 3 CREDITS
Prereq: STAT 447 OR STAT 542
4590010 A TR 11:00-12:20 MEETS: AUG 21-DEC 15

INTRO STOCHST PROC STAT 554 3 CREDITS
Prereq: STAT 542
6617005 MW 1:10-2:00 MEETS: AUG 21-DEC 15

THY&APP LINEAR MOL ST STAT 561 3 CREDITS
Prereq: STAT 512, STAT 542 OR STAT 447; A COURSE IN MATRIX ALGEBRA
6561005 TR 2:10-3:30 MEETS: AUG 21-DEC 15

ADV BAYESIAN METHODS STAT 615 3 CREDITS
Prereq: STAT 544, STAT 601
5076005 TR 11:00-12:20 MEETS: AUG 21-DEC 15

ADV THRY ST INFERNC STAT 643 3 CREDITS
Prereq: STAT 543, STAT 544
6566005 MW 9:00-9:50 MEETS: AUG 21-DEC 15

ADV STAT COMPUTING STAT 680 3 CREDITS
Prereq: STAT 543 AND STAT 560
3421005 TR 9:30-10:50 MEETS: AUG 21-DEC 15

ADV SPL TOPC THEORY STAT 690A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
6851005 ARRANGED MEETS: AUG 21-DEC 15

ADV SPL TOPC METHODS STAT 690B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
6852005 ARRANGED MEETS: AUG 21-DEC 15

ADV TOP SAMP SURVEY STAT 690D VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
6855005 ARRANGED MEETS: AUG 21-DEC 15

ADV TOP SAMP COMPUT STAT 690E VAR. CREDITS
Prereq: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2017
1709005 1 ARRANGED MEETS: AUG 21-DEC 15

ADV TOPICS GRAPHICS STAT 690F VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
3189005 ARRANGED MEETS: AUG 21-DEC 15

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

SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
Prereq: ECON 101, STAT 226
Note: SECTIONS A1,A2,ETC. RESTRICTED TO ACCT, AG B, AG SO, AST, BUS S, BUS U, BUSEC, FIN, I TEC, MGMT, MIS, MET, SCM UNDERGRAD MAJORS ONLY.
SECTIONS A2,A3,ETC. RESTRICTED TO MAJORS OTHER THAN ACCT, AG B, AG SO, AST, BUS S, BUS U, BUSEC, FIN, I TEC, INFRS, MGMT, MIS, MET, P BUS, SCM.
GRAD STUDENTS GO TO 1200 GEDMIN FOR PERMISSION TO ADD NIGH EXAMS SCHEDULED. FOR DATES GO TO http://www.registrar.iastate.edu/students/exams/night-exams.
1629005 A1 MW 8:00-8:50 MEETS: AUG 21-DEC 15
1629010 A2 MW 8:00-8:50 MEETS: AUG 21-DEC 15
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1629015</td>
<td>ERP SYS &amp; SUPPLY CHAIN</td>
<td>4</td>
<td>SCM 301, MIS 301 or I E 148, I E 341</td>
<td>Prereq: Course restricted to MIS, SCM undergrad majors. Grad students go to 1200 GERDIN for permission to add.</td>
</tr>
<tr>
<td>6791005</td>
<td>PRINC TRANSPORTATION</td>
<td>4</td>
<td></td>
<td>Note: Course restricted to business undergrad majors only. Sec A1 restricted to SCM majors only.</td>
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<tr>
<td>1629115</td>
<td>SUPPLY CHAIN INFO SY</td>
<td>4</td>
<td></td>
<td>Note: Course restricted to MIS, SCM majors only.</td>
</tr>
</tbody>
</table>
SUPPLY CHAIN MANAGEMENT (CONTINUED)

INDEPENDENT STUDY SCM 490 1-3 CREDITS
Prereq: SCM 301, SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SU CH MGT LIVE CASE SCM 492X 3 CREDITS
Prereq: SCM 301
Note: Course restricted to SCM majors only
8598005 A MWF 12:10-1:00
MEETS: AUG 21-DEC 15

CASE PRACTICUM SCM 495 3 CREDITS
Prereq: SCM 301
4577005 A M 5:10-6:25PM
ARRANGED
MEETS: AUG 21-DEC 15

PLANNING & CONTROL SCM 553X 3 CREDITS
Prereq: SCM 310 OR PERMISSION OF INSTRUCTOR
7567005 A M 3:10-6:35PM
MEETS: AUG 28-NOV 13

SPECIAL TOPICS SCM 590 1-3 CREDITS
Prereq: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM I SCM 650 1 CREDIT
Note: MUST BE A BUSAD PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM II SCM 651 1 CREDIT
Note: ENROLLMENT IN THE PH.D PROGRAM
Note: MUST BE A BUSAD PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

DISSERTATION SCM 699 12 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF DISSERTATION SUPERVISOR
******* SEE DEPT FOR REFERENCE NUMBERS

SUSTAINABLE AGROECOSYSTEMS ANALYSIS SUSAG 509 4 CREDITS
Prereq: SENIOR OR ABOVE CLASSIFICATION
Note: COURSE IS FOR SUSAG MAJORS. NON-MAJORS BY PERMISSION OF THE INSTRUCTOR.
4931005 TR 9:00-10:00 LIEBMAN M
ARRANGED
MEETS: AUG 21-DEC 15
Note: REQUIRED FIELD TRIP WEEK BEFORE CLASSES BEGIN

INTEGRATED CROP & LIVESTOCK SUSAG 515 3 CREDITS
Prereq: SUSAG 509
4934005 ARRANGED
MEETS: AUG 21-DEC 15

SUSTAINABLE AGRICULTURE

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

FOUNDATION AG COLLOQUIUM SUSAG 600 1 CREDIT
1 W 3:10-5:00 HILL C
MEETS: AUG 21-DEC 15
Section info: https://susag.lastate.edu/colloquium

FUNDAMENTALS OF SUSTAINABLE AGRICULTURE SUSAG 610 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION
Note: COURSE IS FOR SUSAG MAJORS. NON-MAJORS BY PERMISSION OF THE INSTRUCTOR.
5047005 TR 11:00-12:20 WOLF C
MEETS: AUG 21-DEC 15

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

SUSTAINABLE ENVIRONMENTS

FOUNDTN SUSTAINABLE DESIGN SUS E 521 3 CREDITS
Prereq: GRADUATE STANDING, OR SENIOR CLASSIFICATION WITH INSTRUCTOR PERMISSION
3733005 W 8:00-10:50
MEETS: AUG 21-DEC 15

RESILIENT ENVIRONMENTS SUS E 550 3 CREDITS
1197005 R 8:40-9:30PM
ARRANGED
MEETS: AUG 21-DEC 15

TECHNOLOGY & SOCIAL CHANGE

WORLD FOOD ISSUES TSC 342 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Meets international perspectives reqmt
5256005 1 MWF 11:00-11:50
MEETS: AUG 21-DEC 15

SOLVING TECHNOLOGICAL PROBLEMS TSC 115 3 CREDITS
Prereq: CREDIT OR ENROLLMENT FOR INTR. IN MATH 140 OR HIGHER
1358005 A MN 12:10-2:00
MEETS: AUG 21-DEC 15
Note: SECTION A RESTRICTED TO AGRON, CS A, CS H, DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA, PDEXH MAJORS ONLY

TECHNOLOGY SYSTEMS MANAGEMENT

INTRODUCTION TO TECHNOLOGY TSM 110 1 CREDIT
Prereq: CLASSIFICATION IN AN AST OR I TEC MAJOR OR PERMISSION OF INSTRUCTOR
2533005 A F 10:00-10:50
MEETS: AUG 21-DEC 15

FUNDAMENTALS OF TECHNOLOGY TSM 210 3 CREDITS
Prereq: TSM 110 OR EQUIVALENT
1384005 MN 4:10-5:00
MEETS: AUG 21-OCT 13

MANAGING TECHNOLOGICAL PROGRESS TSM 214 1 CREDIT
Prereq: TSM 201 OR A B E 201; SOPHOMORE CLASSIFICATION IN A E, AST, BSE, OR I TEC
4057005 A MN 4:10-5:00
MEETS: AUG 21-OCT 13

ADVANCED GRAPHICS & CAD TSM 216 2 CREDITS
Prereq: TSM 116
4504005 A TR 12:40-2:00
MEETS: AUG 21-DEC 15

ADVANCED MANUFACTURING PROCESSES TSM 240 3 CREDITS
Prereq: TSM 116
6601005 A M 2:10-3:00
MEETS: AUG 21-DEC 15

ADVANCED MANUFACTURING PROCESSES TSM 240 3 CREDITS
Prereq: TSM 116
6601005 A M 2:10-3:00
MEETS: AUG 21-DEC 15

ADVANCED MANUFACTURING PROCESSES TSM 240 3 CREDITS
Prereq: TSM 116
6601005 A M 2:10-3:00
MEETS: AUG 21-DEC 15

ADVANCED MANUFACTURING PROCESSES TSM 240 3 CREDITS
Prereq: TSM 116
6601005 A M 2:10-3:00
MEETS: AUG 21-DEC 15

ADVANCED MANUFACTURING PROCESSES TSM 240 3 CREDITS
Prereq: TSM 116
6601005 A M 2:10-3:00
MEETS: AUG 21-DEC 15

ADVANCED MANUFACTURING PROCESSES TSM 240 3 CREDITS
Prereq: TSM 116
6601005 A M 2:10-3:00
MEETS: AUG 21-DEC 15

ADVANCED MANUFACTURING PROCESSES TSM 240 3 CREDITS
Prereq: TSM 116
6601005 A M 2:10-3:00
MEETS: AUG 21-DEC 15
MEETS: AUG 21-DEC 15
Prereq: TSM 371
W 5:10-8:00PM
W 12:10-3:00
MEETS: AUG 21-DEC 15
Note: SECTION B RESTRICTED TO AST MAJORS ONLY

ANIM PRODUCTION SYS TSM 327 3 CREDITS
Prereq: TSM 210
1362005 M 11:00-11:50
W 11:00-12:50
MEETS: AUG 21-DEC 15

TRACTOR POWER TSM 335 4 CREDITS
Prereq: TSM 210, MATH 145
Note: COURSE RESTRICTED TO AST, I TEC, M E MAJORS ONLY
1348005 A MW 10:00-10:50
M 12:10-3:00
MEETS: AUG 21-DEC 15
1348010 B MW 10:00-10:50
M 3:10-6:00PM
MEETS: AUG 21-DEC 15
1348015 C MW 10:00-10:50
W 11:00-1:50
MEETS: AUG 21-DEC 15
1348020 D MW 10:00-10:50
W 3:10-6:00PM
MEETS: AUG 21-DEC 15

FLUID PWR SY TCNOL TSM 337 3 CREDITS
Prereq: TSM 210
3335005 A WM 9:00-9:50
T 9:30-11:20
MEETS: AUG 21-DEC 15
3335010 B WM 9:00-9:50
T 12:10-2:00
MEETS: AUG 21-DEC 15
3335015 C WM 9:00-9:50
T 4:10-6:00PM
MEETS: AUG 21-DEC 15

ADV AUTOMA MFG PROC TSM 340 3 CREDITS
Prereq: TSM 216, TSM 240, MATH 151
Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY
4522005 A WM 8:00-8:50
W 2:10-4:00
MEETS: AUG 21-DEC 15
4522010 B WM 8:00-8:50
R 8:00-9:50
MEETS: AUG 21-DEC 15
4522015 C WM 8:00-8:50
R 10:00-11:50
MEETS: AUG 21-DEC 15
4522020 D WM 8:00-8:50
R 1:10-3:00
MEETS: AUG 21-DEC 15
4522025 E WM 8:00-8:50
R 3:10-5:00
MEETS: AUG 21-DEC 15
4522030 F WM 8:00-8:50
F 11:00-12:30
MEETS: AUG 21-DEC 15
4522035 G WM 8:00-8:50
F 1:10-3:00
MEETS: AUG 21-DEC 15

ELECTR FOR AG&INDUS TSM 363 4 CREDITS
Prereq: TSM 210
Note: COURSE RESTRICTED TO AST, I TEC SENIORS ONLY
6831005 A TR 8:00-9:20
M 2:10-5:00
MEETS: AUG 21-DEC 15
6831010 B TR 8:00-9:20
M 5:10-8:00PM
MEETS: AUG 21-DEC 15
6831015 C TR 8:00-9:20
T 12:10-3:00
MEETS: AUG 21-DEC 15
6831020 D TR 8:00-9:20
W 12:10-3:00
MEETS: AUG 21-DEC 15
6831025 E TR 8:00-9:20
W 5:10-8:00PM
MEETS: AUG 21-DEC 15

LEGAL ASPECT OCC SAF TSM 372 2 CREDITS
Prereq: TSM 211
5879005 A T 6:00-7:00PM
ARRANGED
MEETS: AUG 21-DEC 15

32 CREDITS REMAINING: TSM 214; CREDIT OR ENROLLMENT APPROVAL OF INTERNSHIP COORDINATOR

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

PRIN INJURY PREVENT TSM 270 3 CREDITS
5625005 A ARRANGED
MEETS: AUG 21-DEC 15
Note: Course delivery is WWW

BIORENEWABLE SYSTMS TSM 325 3 CREDITS
Prereq: ECON 101, CHEM 163 OR HIGHER, MATH 140
or HIGHER
4747005 A TR 3:40-5:00
MEETS: AUG 21-DEC 15
4747010 B TR 3:40-5:00
MEETS: AUG 21-DEC 15

ELECTR FOR AG&INDUS TSM 363 4 CREDITS
Prereq: TSM 210
MEETS: AUG 21-DEC 15

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY INTERNSHIP TSM 397 3 CREDITS
Prereq: AT LEAST 45 CREDITS OF COURSEWORK, CLASSIFICATION IN AST OR I TEC MAJOR, APPROVAL OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only

WORK EXPERIENCE 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.

32 CREDITS REMAINING: TSM 214; CREDIT OR ENROLLMENT APPROVAL OF INTERNSHIP COORDINATOR

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY INTERNSHIP TSM 397 3 CREDITS
Prereq: AT LEAST 45 CREDITS OF COURSEWORK, CLASSIFICATION IN AST OR I TEC MAJOR, APPROVAL OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only

WORK EXPERIENCE 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.

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY INTERNSHIP TSM 397 3 CREDITS
Prereq: AT LEAST 45 CREDITS OF COURSEWORK, CLASSIFICATION IN AST OR I TEC MAJOR, APPROVAL OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only

WORK EXPERIENCE 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.

Satisfactory-Fail Only.

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY INTERNSHIP TSM 397 3 CREDITS
Prereq: AT LEAST 45 CREDITS OF COURSEWORK, CLASSIFICATION IN AST OR I TEC MAJOR, APPROVAL OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only

WORK EXPERIENCE 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.

Satisfactory-Fail Only.

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY INTERNSHIP TSM 397 3 CREDITS
Prereq: AT LEAST 45 CREDITS OF COURSEWORK, CLASSIFICATION IN AST OR I TEC MAJOR, APPROVAL OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only

WORK EXPERIENCE 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.

Satisfactory-Fail Only.
TOXICOLOGY (CONTINUED)

UNDERGRAD RESEARCH TOX 499 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR IS REQUIRED
PRIOR TO REGISTRATION
Note: STUDENTS IN THE PHARMACOLOGY AND TOXICOLOGY MINOR MAY APPLY NO MORE THAN 9 CREDITS OF UNIVERSITY-WIDE 499 CREDITS TOWARD THE TOTAL OF 120 CREDITS REQUIRED FOR GRADUATION
Satisfactory-Fail Only.
7417005 ARRANGED
MEETS: AUG 21-DEC 15

PRIN OF TOXICOLGY TOX 501 3 CREDITS
Prereq: BBMB 494 OR EQUIVALENT
6767005 TR 2:10-3:30
MEETS: AUG 21-DEC 15

TOXICOLOGY SEMINAR TOX 504 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
7126005 T 4:10-5:00
MEETS: AUG 21-DEC 15

FOODBORNE TOXICANTS TOX 529 2 CREDITS
Prereq: A COURSE IN BIOCHEMISTRY
5569005 1 ARRANGED
MEETS: AUG 21-DEC 15
Note: Course delivery is WWW

CLIN DIAGNOS TOXIC TOX 546 1-3 CREDITS
Prereq: D.V.M. DEGREE OR VDPAM 526
1231005 ARRANGED
RUMBEHA W MEETS: AUG 21-DEC 15

AGAVET RISK ASESMT TOX 570 3 CREDITS
Prereq: STAT 104 OR CONSENT OF INSTRUCTOR
1776005 ARRANGED
MEETS: AUG 21-DEC 15

CELL BIOLOGY TOX 575 3 CREDITS
Prereq: 10 CREDITS IN BIOLOGICAL SCIENCE OR
8026005 MF 1:10-2:00
MEETS: AUG 21-DEC 15

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

ADV FOOD MICROBIOLG TOX 626 3 CREDITS
Prereq: FS HH 420 OR FS HH 421 OR FS HH 504
6776005 1 TR 2:10-3:30
MEETS: AUG 21-DEC 15

CURRTN TOPC TOXICOL TOX 689 R CREDIT
Satisfactory-Fail Only.
4280005 ARRANGED
MEETS: AUG 21-DEC 15

GRAD RESEARCH ROTAT TOX 697 1-12 CREDITS
Prereq: ADMISSION TO TOX GRADUATE PROGRAM
8363005 ARRANGED
MEETS: AUG 21-DEC 15

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

TOXICOLOGY (CONTINUED)

TRANSPORTATION

CREATIVE COMPONENT TRANS 599 1-3 CREDITS
Prereq: PRE-ENROLLMENT CONTRACT REQUIRED
4160005 1 ARRANGED
MEETS: AUG 21-DEC 15

RESEARCH TRANS 699 VAR. CREDITS
6787005 ARRANGED
MEETS: AUG 21-DEC 15

U.S. LATINO/A STUDIES

INTR U.S. LATINO ST US LS 211 3 CREDITS
Prereq: Notes U.S. diversity reqmt
2890005 1 TR 12:40-2:00
MEETS: AUG 21-DEC 15

INDEPENDENT STUDY US LS 490 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 3 CREDITS IN US LS 490 MAY BE APPLIED TOWARDS THE U.S. LATINO/A STUDIES CERTIFICATE
******* SEE DEPT FOR REFERENCE NUMBERS

UNIVERSITY STUDIES

FIRST-YR SMNR 1:HIX U ST 101A 1 CREDIT
Prereq: ACCEPTANCE/PARTICIPATION IN APPROPRIATE LEARNING COMMUNITY OR SPECIAL PROGRAM
Satisfactory-Fail Only.
5662005 1 T 4:10-5:00
W 10:00-10:50
MEETS: AUG 21-DEC 15
5662010 2 T 4:10-5:00
W 10:00-10:50
MEETS: AUG 21-DEC 15
5662015 3 T 4:10-5:00
W 2:10-3:00
MEETS: AUG 21-DEC 15
FIRST-YR SMNR I: HIX U ST 101A 1 CREDIT
5662020 4 T 4:10-5:00
MEETS: AUG 21-DEC 15
5662025 5 T 4:10-5:00
R 10:00-10:50
MEETS: AUG 21-DEC 15
5662030 6 T 4:10-5:00
R 11:00-11:50
MEETS: AUG 21-DEC 15
5662035 7 T 4:10-5:00
MEETS: AUG 21-DEC 15
5662040 8 T 4:10-5:00
R 11:00-11:50
MEETS: AUG 21-DEC 15
FIRST-YR SMNR I: MVP U ST 101B 1 CREDIT
Prereq: ACCEPTANCE/PARTICIPATION IN APPROPRIATE LEARNING COMMUNITY OR SPECIAL PROGRAM
Satisfactory-Fail Only.
5670005 1 M 11:00-11:50
MEETS: AUG 21-DEC 15
5670010 2 M 12:10-1:00
MEETS: AUG 21-DEC 15
5670015 3 T 11:00-11:50
MEETS: AUG 21-DEC 15
5670020 4 R 10:00-10:50
MEETS: AUG 21-DEC 15
FIRST-YR SMNR I: ATHL U ST 101D 1 CREDIT
Prereq: ACCEPTANCE/PARTICIPATION IN APPROPRIATE LEARNING COMMUNITY OR SPECIAL PROGRAM
Satisfactory-Fail Only.
5713005 1 M 9:00-9:50
MEETS: AUG 21-DEC 15
5713010 2 T 8:00-8:50
MEETS: AUG 21-DEC 15
5713015 3 M 11:10-2:00
MEETS: AUG 21-DEC 15
5713020 4 T 11:00-11:50
MEETS: AUG 21-DEC 15
PERSONAL CAREER DEV U ST 104 2 CREDITS
6243005 1 TR 1:10-2:00
MEETS: AUG 21-DEC 15
6243010 2 MW 11:00-11:50
MEETS: AUG 21-DEC 15
6243015 3 TR 11:00-11:50
MEETS: AUG 21-DEC 15
6243020 4 MW 3:10-4:00
MEETS: AUG 21-DEC 15
CARVER FRSHMN SEMRN U ST 105 1 CREDIT
Prereq: ACCEPTANCE IN CARVER ACADEMY PROGRAM, GEORGE WASHINGTON CARVER SCHOLARSHIP RECIPIENT
Note: Meets U.S. diversity reqmt
Satisfactory-Fail Only.
2884005 1 M 10:00-10:30
MEETS: AUG 21-DEC 15
2884010 2 T 10:00-10:50
MEETS: AUG 21-DEC 15
2884015 3 R 10:00-10:50
MEETS: AUG 21-DEC 15
2884020 4 M 10:00-10:50
MEETS: AUG 21-DEC 15
INT’L FIRST YR SMNR U ST 110 1 CREDIT
Satisfactory-Fail Only.
8806025 A M 4:10-5:00
MEETS: AUG 21-DEC 15
8806030 B T 4:10-5:00
MEETS: AUG 21-DEC 15
8806035 C T 8:00-8:50
MEETS: AUG 21-DEC 15
8806040 D W 8:00-8:50
MEETS: AUG 21-DEC 15
8806045 E W 3:10-4:00
MEETS: AUG 21-DEC 15
8806050 F R 5:10-6:00PM
MEETS: AUG 21-DEC 15
8806055 G F 9:00-9:50
MEETS: AUG 21-DEC 15
8806060 H F 10:00-10:50
MEETS: AUG 21-DEC 15
8806065 I W 8:00-8:50
MEETS: AUG 21-DEC 15
8806070 J W 3:10-4:00
MEETS: AUG 21-DEC 15
VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

*GPVEC: BULL BREEDING VDPAM 421B 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

*GPVEC: HEATING MGT VDPAM 421E 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

*GPVEC: PREG EXAM VDPAM 421F 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

*GPVEC: SWINE HUSBDRY VDPAM 421Q 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

*BF RECRO ANLY: INTRO VDPAM 436A 1 CREDIT
Prereq: 1ST, 2ND or 3RD YEAR CLASSIFICATION IN VET MED OR PERMISSION OF INSTRUCTOR

*BF RECRO PRVNTV MED VDPAM 436C 1 CREDIT
Prereq: VDPAM 436A, 436B; 2ND or 3RD YEAR CLASSIFICATION IN VET MED OR PERMISSION OF INSTRUCTOR

*VET DIAGN LAB MTHDS VDPAM 456 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

*FOOD ANACAM PDL SRV VDPAM 476 1 CREDIT
Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATION IN VETERINARY MEDICINE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

*FD ANACAM MDESURG VDPAM 477 2 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
Permission of instructor required. Process approved add slip in 2270A Vet Med.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Schedule</th>
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<td>DNA DIAGNOSES</td>
<td>1-3</td>
<td>VDPAM 546</td>
<td>Aug 21-Dec 15</td>
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<td>VDPAM 546</td>
<td>ADV ET DIAGNOS LAB</td>
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<td>VDPAM 551</td>
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<td>VETERINARY MED</td>
<td>Aug 21-Dec 15</td>
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<td>VDPAM 606</td>
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<td>CREATIVE COMPONENT</td>
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**Note:** Course restricted to Vet Med students only.
FALL 2017

VETERINARY CLINICAL SCIENCES (CONTINUED)

CLINIC CARDIOLOGY I  V C S 402  1 CREDIT
Prereq: THIRD OR FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE; VCS 444 or CONCURRENT ENROLLMENT IN VCS 444
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6871005  M-Th 12:10-1:00  WARE W
MEETS: OCT 16-DEC 15

FELINE INTERNAL MED  V C S 407  1 CREDIT
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6875005  T 12:10-1:00  VAN VERTLOO L
MEETS: AUG 21-DEC 15

ONCOLOGY  V C S 409  2- 4 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
9213005  MTNRS 8:00-5:00  JOHANNES C

ADV SML AN DERMATOL  V C S 415  2 CREDITS
Prereq: THIRD-OR FOURTH-YR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
7778005  R 3:10-5:00  NOXON J
MEETS: AUG 21-DEC 15

PRECEPTOR COMPAN/EQ  V C S 419  2- 6 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE
Note: PROCESS APPROVED ADD SLIP IN 2270A VET MED
Permission of instructor required. Process Approved add slip in 2270A Vet Med.
1664005  ARRANGED  NOXON J

PRACTICUM  V C S 420  R CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED, PERMISSION OF INSTRUCTOR Satisfactory-Pass Only.
4548005  MTNRS 8:00-5:00  NOXON J

BLANK PK ZOO ROTATN  V C S 422  4 CREDITS
Prereq: V C S 445, FOURTH-YEAR CLASSIFICATION IN V MED, PERMISSION OF INSTRUCTOR
1166005  MTNRS 8:00-5:00  OLDS J

SM ANIM INTERNL MED  V C S 436  3 CREDITS
Prereq: 3RD OR 4TH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
3915005  TWR 9:00-9:50  NOXON J
MEETS: AUG 21-DEC 15

SM ANIM SHELTR MED  V C S 437  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
7944005  MTNRS 8:00-9:00  CARNEVALE J

CANINE REHABILITATN  V C S 441  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
9232005  MTNRS 8:00-5:00  BUTLER-BERGH M

SM SMALL ANIMAL MED  V C S 444  4 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
Instructor permission required 1st week.
6883005  1 MTR 8:00-8:50  NOXON J
MEETS: AUG 21-DEC 15

EQUINE MEDICINE  V C S 445  2 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6884005  W 10:00-10:50  WONG D
R 11:00-11:50  SPONSELLER B
MEETS: AUG 21-DEC 15

CLINICAL NEUROLOGY  V C S 446  2 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
5112005  MTNRS 8:00-5:00

EQUINE DIAGNOS SKIL  V C S 447  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE - PREFERENCE TO EQUINE TRACK STUDENT.
LIMITED TO 16 STUDENTS.
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
9171005  MTNRS 8:00-5:00

SURG LAB NEU H SOCI  V C S 449A  3 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN VET MED, PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
7631005  1 W 11:00-11:50  BOOTH L
MEETS: AUG 21-DEC 15

VETERINARY CLINICAL SCIENCES (CONTINUED)

TRADITIONAL SURG LAB  V C S 449B  3 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
Note: MUST ALSO BE CONCURRENTLY ENROLLED IN SAME SECTION NUMBER OF V C S 440, RESTRICTED TO VET MED STUDENTS ONLY.
7662005  1 W 11:00-11:50  BOOTH L
M 11:00-6:00PM  BOOTH L
MEETS: AUG 21-DEC 15

7662010  2 W 11:00-11:50  BOOTH L
W 11:00-6:00PM  BOOTH L
MEETS: AUG 21-DEC 15

7662015  3 W 11:00-11:50  BOOTH L
F 11:00-6:00PM  BOOTH L
MEETS: AUG 21-DEC 15

CLINIC DERMATOLOGY  V C S 452  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE.
MUST HAVE INSTRUCTOR PERMISSION TO REPEAT THIS COURSE.
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
1931005  MTNRF 8:00-5:00  NOXON J

SMALL ANIMAL MED I  V C S 453  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6889005  MTNRS 8:00-5:00  JERGENS A

SM AN SOFT TISS SUR  V C S 455  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6891005  MTNRS 8:00-5:00  MEDLAND C

SM AN ORTHOPED SURG  V C S 456  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6892005  MTNRS 8:00-5:00  KRAUS K

EQUINE MEDICINE  V C S 457  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6893005  MTNRS 8:00-5:00  WONG D

EQUINE SURGERY  V C S 458  CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6894005  MTNRF 8:00-5:00  AUCK S

SM AN OVERPOP OMHA  V C S 459A  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
4050005  ARRANGED

SM AN OVERPOP D.M.  V C S 459B  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
4107010  ARRANGED
Note: DES MOINES

SM AN OVERPOP K.C.  V C S 459C  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
4130105  ARRANGED
Note: KANSAS CITY

RADIOLOGY  V C S 460  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6896005  MTNRS 8:00-5:00  MILES K

PRIMARY CARE  V C S 463  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
2322005  MTNRS 8:00-5:00  KIBBEL B

EQUINE FIELD SERVIC  V C S 464  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
4247005  MTNRS 8:00-5:00

FAHRIER  V C S 465  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
7756005  MTNRS 8:00-5:00  AUCK S

VET ANESTHESIOLOGY  V C S 466  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6898005  MTNRS 8:00-5:00  KRAUS K

INTENSIVE CARE  V C S 468  4 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6900005  ARRANGED  CURTIS M
VETERINARY CLINICAL SCIENCES (CONTINUED)

OPHTHALMOLOGY  V C S 469  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to fourth-year vet med students
6901005  MTRFS 8:00-5:00  ALLBAUGH R

RADIOLOGY  V C S 470  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED;
Completion of V C S 460 RADIOLOGY IS REQUIRED;
ENROLLMENT BY PERMISSION OF INSTRUCTOR
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
*******  SEE DEPT FOR REFERENCE NUMBERS

EQUINE REPRODUCTION  V C S 471A  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
*******  SEE DEPT FOR REFERENCE NUMBERS

CMPART ANIM REPROD  V C S 471C  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
*******  SEE DEPT FOR REFERENCE NUMBERS

SM ANIM SURG ORTHO  V C S 473X  1 CREDIT
*******  SEE DEPT FOR REFERENCE NUMBERS

SML AN Surg SOF TIS  V C S 473S  1 CREDIT
*******  SEE DEPT FOR REFERENCE NUMBERS

VET CARDIOLOGY ROTAT  V C S 475  2 CREDITS
Prereq: FOURTH YEAR CLASSIFICATION IN V MED
Note: Department permission required.
9128005  MTRWRF 8:00-5:00

EQUINE ANESTHESIOLOGY  V C S 476E  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
*******  SEE DEPT FOR REFERENCE NUMBERS

SM ANIML ANESTHESIO  V C S 476S  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
*******  SEE DEPT FOR REFERENCE NUMBERS

INTENSIV & CRITICAL CARE  V C S 478  2 CREDITS
MEETS: SEP 18-OCT 13
6901005  MWF 9:00-9:50

INDEPENDENT STUDY  V C S 490  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Course restricted to vet med students only
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS  V C S 490H  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
MEMBERSHIP IN UNIV HONORS PROGRAM
Note: Course restricted to vet med students in the university honors program only
*******  SEE DEPT FOR REFERENCE NUMBERS

GRAND RDS PRESENTN  V C S 495  R CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to fourth-year Vet Med Students
Satisfactory-Fail Only.
6914005  F 8:00-8:50

INT'L PRECEPTORSHIP  V C S 496  1-12 CREDITS
Prereq: SECOND-YEAR CLASSIFICATION IN V MED
Note: Course restricted to vet med students onlySatisfactory-Fail Only.
6094005  A ARRANGED
MEETS: AUG 21-DEC 15

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 RADIOLOGY  V C S 590D  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOLOG  V C S 590E  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OPHTHALMOLOGY  V C S 590F  1-3 CREDITS
Note: Instructor permission required.
*******  SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MICROBIOLOGY & PREV MED

GLOBAL HEALTH  V MPM 360X  3 CREDITS
Note: Meets international perspectives reqmt
8299005  TR 4:10-5:25
MEETS: AUG 21-DEC 15

VETNRY MICROBIOLOGY  V MPM 386  5 CREDITS
Note: Course restricted to first-year through fourth-year Vet Med students only
6942010  1 MWF 9:00-9:50
MN 3:10-4:30
P 1:10-2:30
MEETS: AUG 21-DEC 15

6942015  2 MWF 9:00-9:50
MN 3:10-4:30
P 1:10-2:30
MEETS: AUG 21-DEC 15

TOPICS VET HISTORY  V MPM 390  1 CREDIT
7244005  ARRANGED
MEETS: AUG 21-OCT 13

INFECT DIS WILD ANI  V MPM 409  1 CREDIT
Prereq: SECOND-YEAR CLASSIFICATION IN V MED
Note: Course restricted to vet med students only
8783005  T 5:10-7:00PM
MEETS: AUG 21-OCT 13

PUBLIC HEALTH LAB  V MPM 486  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to Vet Med students only
6951005  MTRWF 2:10-5:00

INDEPENDENT STUDY  V MPM 490  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Course restricted to Vet Med students only
1885005  ARRANGED
MEETS: AUG 21-DEC 15
VETERINARY MICROBIOLOGY & PREV MED (CONTINUED)

ZOO PRECEPTORSHIP V MPM 494 1-8 CREDITS
Prereq: FOURTH YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
See Dept for Reference Numbers

BASIC PRIN MICROBIO V MPM 501 3 CREDITS
9215005 TR 1:10-2:00
W 1:10-4:00
MEETS: AUG 21-DEC 15

BIOLOGICAL LAB SAFETY V MPM 503X 1 CREDIT
Satisfactory-Fail Only.
8295005 TR 8:00-9:50
MEETS: OCT 16-DEC 15

MEDICAL IMMUNOLOGY I V MPM 520 4 CREDITS
Prereq: MICRO 310 OR V MPM 386, 3 CR IN BIOCHEM
Note: CREDIT FOR EITHER V MPM 520 OR MICRO/V MPM 575,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
6950005 TR 3:10-5:00
MEETS: AUG 21-DEC 15

INTRO DNA TECHNIQS V MPM 542A 1 CREDIT
Satisfactory-Fail Only.
9663005 1 TR 1:10-2:00
TR 2:10-4:00
MEETS: AUG 22-SEP 21

INTRO CELL TECHNIQS V MPM 542C 1 CREDIT
Satisfactory-Fail Only.
9669005 1 TR 1:10-2:00
MEETS: OCT 31-DEC 7

INTR PROTEOMCS TCNO V MPM 542E 1 CREDIT
Satisfactory-Fail Only.
9678005 1 TR 1:10-2:00
TR 2:10-4:00
MEETS: OCT 26-NOV 6

MEDICAL BACTERIOLOGY V MPM 586 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
9271005 A MWF 9:00-9:50
ARRANGED
MEETS: AUG 21-DEC 15

MED BACTERIOLOGY LAB V MPM 586L 2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 586 OR 625
7378005 MWF 1:10-2:30
MEETS: AUG 21-DEC 15

SPECIAL TOPICS V MPM 590 1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
See Dept for Reference Numbers

CREATIVE COMPONENT V MPM 599 VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
See Dept for Reference Numbers

SEMINAR V MPM 604 1 CREDIT
Satisfactory-Fail Only.
6770005 A R 4:10-5:00
Prereq: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2017
MEETS: AUG 21-DEC 15

CURR TOPICS IMMUNOL V MPM 690A 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
See Dept for Reference Numbers

CURR TOP INFECT DIS V MPM 690B 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
See Dept for Reference Numbers

SEMINAR, C, DV BIO V MPM 698 1-2 CREDITS
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2017
7082005 1 M 3:10-5:00
MEETS: AUG 21-DEC 15
Note: SECTION I WILL NOT MEET EVERY WEEK. MEETING DATES TO BE ANNOUNCED.

RESEARCH V MPM 699 VAR. CREDITS
See Dept for Reference Numbers

VETERINARY PATHOLOGY

ANATOMIC PATHOLOGY II V PTH 372 4 CREDITS
Prereq: 342
7675005 1 MWF 10:00-10:50
YAEGER M
MEETS: AUG 21-DEC 15

7675010 2 MWF 10:00-10:50
YAEGER M
MEETS: AUG 21-DEC 15

VET PARASITOLOGY V PTH 376 4 CREDITS
Prereq: SECOND-CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6999005 1 TWR 11:00-11:50
BREWER M
TR 1:10-2:30
BREWER M
MEETS: AUG 21-DEC 15

6999010 2 TWR 11:00-11:50
BREWER M
TR 3:10-4:30
BREWER M
MEETS: AUG 21-DEC 15

CASE STUDY III V PTH 377 2 CREDITS
Prereq: SECOND-CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6956005 M 8:00-8:50
HOSTETTER J
R 8:00-9:50
HOSTETTER J
MEETS: AUG 21-DEC 15

BASICS MED TERMINOL V PTH 401 1 CREDIT
7000005 W 4:10-5:00
MCLELAND S
MEETS: AUG 21-DEC 15

NECROPSY LAB PRACT V PTH 456 1 CREDIT
Prereq: FOURTH-CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
7007005 MTWRF 1:10-5:00
MCLELAND S
S 10:00-11:50
MCLELAND S

CLIN PATH LAB PRACT V PTH 457 1 CREDIT
Prereq: FOURTH-CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
7008005 MTWRF 8:00-11:50
FLAHERTY H

INDEPENDENT STUDY V PTH 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
See Dept for Reference Numbers

DIAG PARASITOL LAB V PTH 548 1-3 CREDITS
Prereq: 376 OR 576
9668005 ARRANGED
MEETS: AUG 21-DEC 15

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT
Prereq: 457, PERMISSION OF INSTRUCTOR
7037005 ARRANGED
MEETS: AUG 21-DEC 15
Note: Instructor permission required.

SURGICAL PATHOL LAB V PTH 550 1-3 CREDITS
Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7479005 ARRANGED
MEETS: AUG 21-DEC 15

POSTMORT PATHOL LAB V PTH 551 1-3 CREDITS
Prereq: 570, PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7038005 MTWRF 1:10-5:00
FALES-WILLIAMS A
S 10:00-11:50
FALES-WILLIAMS A
MEETS: AUG 21-DEC 15

SYSTEMIC PATHOL II V PTH 571 4 CREDITS
Prereq: 342 OR 542, PERMISSION OF INSTRUCTOR
7021005 I 9:00-10:50
HOSTETTER J
F 8:00-9:50
HOSTETTER J
MEETS: AUG 21-DEC 15

VET PARASITOLOGY V PTH 576 4 CREDITS
Prereq: GRAD CLASSIFICATION, V PTH 542
9012005 1 TWR 11:00-11:50
BREWER M
TR 3:10-4:30
BREWER M
MEETS: AUG 21-DEC 15

9012010 2 TWR 11:00-11:50
BREWER M
TR 3:10-4:30
BREWER M
MEETS: AUG 21-DEC 15

SPL TOPC VET PATHOL V PTH 590A 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
See Dept for Reference Numbers
### Veterinary Pathology (Continued)

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### Wind Energy Science, Engineering and Policy

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### Women's Studies

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<td>GENDER JUSTICE W S</td>
<td>160</td>
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**WORLD LANGUAGES AND CULTURES**

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**INTRO WORLD LANGUAGE**

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**STUDENT TEACHING**

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**SPECIAL TOPICS**

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