Fall Semester 2021

Classes Begin: August 23
University Holiday: September 6
Thanksgiving Break: November 22-26
Final Exams: December 13-17
Grad College Commencement: December 17
Undergrad Commencement: December 18
University Holiday: December 24-27

Registration Start Dates for Fall 2021
Veterinary Medicine students: Monday, April 5
Graduate students: Monday, April 5 - Tuesday, April 6
All seniors: Wednesday, April 7 - Tuesday, April 13
Projected juniors: Wednesday April 14 - Saturday April 17
Projected sophomores: Monday, April 19 - Wednesday April 21
Continuing freshmen: Thursday, April 22 - Friday, April 23

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 2021 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 2021
Refer to page 1 for registration start dates.

Room Assignments
Room assignments will be show on their AccessPlus class schedule on Friday, July 23. 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 20. 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 2021

Academic Calendars Link:

https://www.registrar.iastate.edu/
Voter registration forms are available in the Office of the Registrar, 214 Enrollment Services Center, and the Student Answer Center, Ground Floor, Beardshear.

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/.

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.

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

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

Questions about the registration process, contact:
Office of the Registrar’s Scheduling & Fees Office
10 Enrollment Services Center, 515-294-2331

College student services offices:
Agriculture and Life Sciences
20 Curtiss
294-2766

Business
1200 Gerdin
294-8430

Design
297 College of Design
294-6983

Engineering
1300 Marston
294-9285

Graduate College
1137 Pearson
294-4531

Human Sciences
0131 MacKay
294-6466

Liberal Arts and Sciences
102 Carrie Chapman Catt Hall
294-4831

Veterinary Medicine
2540 Vet Med
294-0772
International Students

All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term). International student reentry forms are available through the ISU index under Reentering ISU, International Students and Scholars or from the Scheduling & Fees area at 10 Enrolment Services. 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, Scheduling & Fees area, at 515-294-2331 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 web site index under Forms.
- RAN (registration access number) if required by their college.
- Course information from the Schedule of Classes at http://classes.iastate.edu/.
- Class Schedule Planner at http://planner.iastate.edu/.
- Other departmental information applicable to their curriculum.

To register, follow these steps:

1. Students meet with their academic adviser, who will provide the following:
   a. degree audit
   b. guidance in course selection
   c. registration authorization 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 2021 through AccessPlus registration or the Scheduling & Fees Office in 10 Enrollment Services Center is Friday, August 30. 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 20, of intent to cancel registration, or drop all classes on AccessPlus by 10 p.m. Sunday, August 22 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 your are not eligible,” click on the Details button on the Search page to view course section restrictions.
- If students are in a learning community, they must add the learning community reference number first before other courses exist on their schedule. They cannot drop a LTM without dropping all associated courses.
Schedule of Classes

http://classes.iastate.edu/

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

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
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. 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. Administrative drops do not count toward a student's ISU drop limit or appear as an X on the permanent record. The effective date of an administrative action is the date approved by the college student services office and/or college dean of the student's college.

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

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

R-Credit Courses (required courses)

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

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

Drop Limit

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

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

Each semester 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 2021 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 on the Ground Floor of 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 by the elevators in Beardshear Hall 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 20; or drop all of your classes through AccessPlus by 10 p.m. Sunday, August 22.

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 23), 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 2021:

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Student Pays</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug. 22-27</td>
<td>10%</td>
</tr>
<tr>
<td>Aug. 28-Sept 5</td>
<td>25%</td>
</tr>
<tr>
<td>Sept. 6-13</td>
<td>50%</td>
</tr>
<tr>
<td>Sept. 13-20</td>
<td>75%</td>
</tr>
<tr>
<td>After Sept. 20</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 $365.95 each fall and spring semester, and all students will be charged $182.98 for the summer semester.

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

Admissions Application Fee:

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

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

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

**Health Fee (Mandatory)**

All students are assessed an $120 Health Fee, except for students enrolled for four credits or less or students exclusively registered for the following: distance education courses (courses with section beginning with an X); courses for which no tuition is assessed; 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 3) with no adjustment after that time. No adjustment can be made if a student has used the services of the Thielen Student Health Center prior to withdrawing from or changing to an exempt status at the university. Students who add courses at any time during the term will be assessed the Health Fee according to the guidelines stated above.

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

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

**Late Registration Fee**

Sunday, Aug. 22 is the last day to initiate a registration for full semester courses for Fall 2021 without a late registration fee. Beginning Monday, Aug. 23, 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 2021, 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, 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 2021 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, 214 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The application is due in 214 Enrollment Services Center by mid-June.

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, 214 Enrollment Services Center, (515)294-9372; e-mail: graduation@iastate.edu.

University commencement ceremony will be held Sat., Dec., 18, 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, 214 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 2021.

- 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 Sept. 10.

- Last day for graduate students to cancel graduation is Nov. 3. 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 Nov. 24.


- Signatures must be obtained on the “Graduate Student Approval Slip” by Dec. 2. 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 email 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, 214 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, 10 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>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td>2.67</td>
</tr>
<tr>
<td>C+</td>
<td>2.33</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>2.00</td>
</tr>
<tr>
<td>C-</td>
<td>1.67</td>
</tr>
<tr>
<td>D+</td>
<td>1.33</td>
</tr>
<tr>
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<td>D-</td>
<td>0.67</td>
</tr>
<tr>
<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, 10 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:

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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, 10 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 $25 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.
Course Information

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/. 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.

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 Friday, July 23, 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 2021

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: 552 Gilman, 139 Durham, 60 Carver or 250 Carver throughout the year. For information about test registration and fees go to the ISU index, Test Out Exams, CLEP Testing. https://www.admissions.iastate.edu/orientation/index.php
Tentative Final Exam Schedule

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 2020. (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.

Final Exams are based on first contact day and time for additional information go to: http://www.registrar.iastate.edu/students/exams
**Registration Worksheet**

Name (please print) ____________________________ (Last) (First) (Middle) ________________ Term ________________

Please provide your university ID _____________________________________________________________

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

A. View the Online Schedule of Classes at http://classes.iastate.edu/ for the list of classes offered for the term. Use the spaces provided below to plan the courses you want on your schedule.

B. Meet with your adviser to discuss your courses and to obtain your registration access number (RAN), if required by your college.

C. Register via AccessPlus at http://accessplus.iastate.edu/. Follow the instructions and prompts on the screens. It is your responsibility to check for schedule conflicts. Attempt to add a course you need even if the section is closed. This action helps the University monitor and determine when it’s feasible to respond to unmet course demand.

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

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

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

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<td>9:00 p.m.</td>
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</tbody>
</table>
## Campus Buildings and Abbreviations

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

*Residence Hall

## Other Campus Buildings

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

LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS
Prereq: SOHP CLASSIFICATION
Note: COURSE NOT OPEN TO FRESHMEN OR GRADUATE STUDENTS
5277005 1 MWF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5277010 2 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5277000 3 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

FINANCIAL ACCOUNTING ACCT 284 3 CREDITS
Prereq: OPEN TO GRADUATE STUDENTS
1110005 1 TR 8:00-9:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1110010 2 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1110015 3 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1110020 4 MWF 12:10-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1110000 5 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

MANAGERIAL ACCOUNT ACCT 285 3 CREDITS
Prereq: ACCT 284
Note: GRADEATE STUDENTS SEE 1200 GERDIN FOR PERMISSION TO ADD
1112005 1 MWF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1112010 2 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1112015 3 MWF 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1112020 4 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1112025 5 TR 8:00-9:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1112030 6 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1112035 7 TR 1:40-2:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1112040 8 TR 2:10-3:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1112070 9 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

THE ACCOUNTING CYCLE ACCT 301 1 CREDIT
Prereq: ACCT 284
Note: CONCURRENT ENROLLMENT IN ACCT 285 RECOMMENDED.
COURSE RESTRICTED TO ACCT, ACSCI, BU AN., BUS S, BUS U,
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<thead>
<tr>
<th>ACCOUNTING (CONTINUED)</th>
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<tbody>
<tr>
<td>PRIN FED INCOME TAX ACCT 485 3 CREDITS</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>1120105 B1 MW 8:50-9:40 MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>1120120 B2 MW 8:50-9:40 MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>1120105 C1 MW 5:30-6:45PM MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>1120130 C2 MW 5:30-6:45PM MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>NONPROFIT INST ACCT ACCT 488 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ACCT 386</td>
</tr>
<tr>
<td>Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS MAJORS ONLY. NOT OPEN TO F BUS MAJORS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.</td>
</tr>
<tr>
<td>1120005 1 MW 9:55-10:45 MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>1120010 2 MW 11:00-11:50 MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>INDEPENDENT STUDY ACCT 490 1-3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ACCT 285, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR</td>
</tr>
<tr>
<td>Note: Department permission required.</td>
</tr>
<tr>
<td>******* SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>ADV ACCT PROBLEMS ACCT 495 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ACCT 387</td>
</tr>
<tr>
<td>Note: COURSE RESTRICTED TO ACCT MAJORS YR 1-4 ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.</td>
</tr>
<tr>
<td>7148005 1 TR 11:00-12:15 MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>ACCT IN GLOBAL ECON ACCT 496 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ACCT 386 OR ACCT 501</td>
</tr>
<tr>
<td>Note: COURSE RESTRICTED TO ACCT, 1 BUS MAJORS YR 1-4 ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.</td>
</tr>
<tr>
<td>9026005 1 T 6:40-10:00PM MEETS: AUG 31-NOV 16</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>INTO AUDITING ACCT 497 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ACCT 384, ACCT 387 AND STAT 326</td>
</tr>
<tr>
<td>Note: COURSE RESTRICTED TO ACCT MAJORS YR 1-4 ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.</td>
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<tr>
<td>1126005 1 MW 9:55-10:45 MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
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<tr>
<td>1126010 2 MW 3:20-4:10 MEETS: AUG 23-DEC 17</td>
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<tr>
<td>Note: Course delivery is On-site instruction</td>
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<tr>
<td>FINANCIAL ACCOUNTING ACCT 501 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION</td>
</tr>
<tr>
<td>Note: COURSE RESTRICTED TO ACCT, FIN, SCIS GRADUATE MAJORS ONLY.</td>
</tr>
<tr>
<td>9339005 1 MW 7:30-10:50 MEETS: OCT 11-NOV 17</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>Materials and equipment use fee $189.00</td>
</tr>
<tr>
<td>9339700 2 MW 5:15-9:15PM MEETS: OCT 11-NOV 17</td>
</tr>
<tr>
<td>Note: SEC 2 FOR PERMISSION TO REGISTER, CONTACT DEBBIE JOHNSON, <a href="mailto:DLJOHNS8@IASTATE.EDU">DLJOHNS8@IASTATE.EDU</a>, 515-294-5133</td>
</tr>
<tr>
<td>CLASS WILL MEET MONDAYS FROM 5:30PM TO 9:10PM.</td>
</tr>
<tr>
<td>Class will have an online component</td>
</tr>
<tr>
<td>Course delivery is On-site instruction</td>
</tr>
<tr>
<td>Course delivery is WWW</td>
</tr>
<tr>
<td>Materials and equipment use fee $189.00</td>
</tr>
<tr>
<td>Taught at, in or by AMES</td>
</tr>
<tr>
<td>9339705 3 FS 8:00-5:00 MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: SEC 3 DEPARTMENT PERMISSION REQUIRED. MEETS: 10/2,10/3,10/23 &amp; 10/24 FROM 8-11AM &amp; 1-5PM ON FRIDAYS AND 9-11 &amp; 12-3PM ON SATURDAYS.</td>
</tr>
<tr>
<td>Department permission required.</td>
</tr>
<tr>
<td>Course delivery is WWW</td>
</tr>
<tr>
<td>Materials and equipment use fee $189.00</td>
</tr>
<tr>
<td>Taught at, in or by AMES</td>
</tr>
<tr>
<td>ACCOUNTING ANALYTIC ACCT 515 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ACCT 384 OR INSTRUCTOR PERMISSION</td>
</tr>
<tr>
<td>0197005 1 MW 12:05-1:55 MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>ACCOUNTING (CONTINUED)</td>
</tr>
<tr>
<td>REAL ESTATE LAW ACCT 571 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ENROLLMENT IN THE MRE D OR INSTRUCTOR PERMISSION</td>
</tr>
<tr>
<td>0108700 1 ARRANGED MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: SEC 1 COURSE TEACHES IN JENNIFER JOHNSON, <a href="mailto:DLJOHNS8@IASTATE.EDU">DLJOHNS8@IASTATE.EDU</a></td>
</tr>
<tr>
<td>Department permission required.</td>
</tr>
<tr>
<td>Course delivery is WWW</td>
</tr>
<tr>
<td>APPACMM MANAGER ACCT 583 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ACCT 385 OR ACCT 581</td>
</tr>
<tr>
<td>Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS</td>
</tr>
<tr>
<td>1009005 1 R 6:40-10:00PM MEETS: AUG 26-NOV 11</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>ADV FEDERAL TAXATN ACCT 586 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ACCT 485</td>
</tr>
<tr>
<td>Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS</td>
</tr>
<tr>
<td>7001005 1 MW 3:45-5:00 MEETS: AUG 23-DEC 17</td>
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<tr>
<td>Note: Course delivery is On-site instruction</td>
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<tr>
<td>GOV'T&amp;NON-PRFT ACCT ACCT 588 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ACCT 386</td>
</tr>
<tr>
<td>Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS</td>
</tr>
<tr>
<td>2909005 1 MW 9:55-10:45 MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>SPcial TOPICS ACCT 590 1-3 CREDITS</td>
</tr>
<tr>
<td>Prereq: PERMISSION OF INSTRUCTOR</td>
</tr>
<tr>
<td>Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS</td>
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<tr>
<td>******* SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>FRAUD EXAM &amp; PREVENT ACCT 591 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ACCT 497 OR ACCT 501</td>
</tr>
<tr>
<td>Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS</td>
</tr>
<tr>
<td>7436005 1 T 6:40-10:00PM MEETS: AUG 23-NOV 15</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>ADV ACCTING PROBMS ACCT 595 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ACCT 387</td>
</tr>
<tr>
<td>Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS</td>
</tr>
<tr>
<td>1011005 1 TR 11:00-12:15 MEETS: AUG 23-DEC 17</td>
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<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>ACCT IN GLOBAL ECON ACCT 596 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ACCT 386 OR ACCT 501</td>
</tr>
<tr>
<td>Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS</td>
</tr>
<tr>
<td>5338005 1 W 6:40-10:00PM MEETS: AUG 31-NOV 16</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
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<tr>
<td>FINANCIAL ACCT ACCT 599 2 CREDITS</td>
</tr>
<tr>
<td>Prereq: ADMISSION TO THE MASTER OF ACCT PROGRAM</td>
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<tr>
<td>Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS</td>
</tr>
<tr>
<td>******* SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>ACTUARIAL SCIENCE</td>
</tr>
<tr>
<td>LOSS MODELS I ACSCI 401 3 CREDITS</td>
</tr>
<tr>
<td>Note: COURSE RESTRICTED TO ACSCI MAJORS ONLY</td>
</tr>
<tr>
<td>0118005 1 TR 11:00-12:25 MEETS: AUG 23-DEC 17</td>
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<tr>
<td>Note: Course delivery is On-site instruction</td>
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<tr>
<td>ADVERTISING</td>
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<tr>
<td>ADVERTISING PRINCIP ADVRT 230 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ADVRT 230 OR P R 220</td>
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<tr>
<td>Note: SEC A1 RESTRICTED TO GREENLEE MAJORS.</td>
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<tr>
<td>SEC A2 FOR MAJORS OTHER THAN GREENLEE MAJORS</td>
</tr>
<tr>
<td>4667010 A1 MW 8:50-9:40 MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>4667015 A2 MW 8:50-9:40 MEETS: AUG 23-DEC 17</td>
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<tr>
<td>Note: Course delivery is On-site instruction</td>
</tr>
<tr>
<td>STRATEG PLAN AD&amp;P.R. ADVRT 301 3 CREDITS</td>
</tr>
<tr>
<td>Prereq: ADVRT 230 OR P R 220</td>
</tr>
<tr>
<td>Note: SEC A1, B1, ETC. RESTRICTED TO ADVRT, JL MC, P R, SOPHOMORES AND ABOVE. SEC A2, B2, ETC. RESTRICTED TO MAJORS OTHER THAN ADVRT, JL MC, P R.</td>
</tr>
<tr>
<td>4439005 A1 MN 11:00-12:15 MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: Course delivery is WWW</td>
</tr>
<tr>
<td>4439010 A2 MN 11:00-12:15 MEETS: AUG 23-DEC 17</td>
</tr>
<tr>
<td>Note: Course delivery is WWW</td>
</tr>
<tr>
<td>KING A MEETS: AUG 23-DEC 17</td>
</tr>
</tbody>
</table>
FALL 2021

ADVERTISING (CONTINUED)

STRATEG PLAN AD& P R ADVRT 301 3 CREDITS
Note: Course delivery is On-site instruction
4439020 B2 TR 9:30-10:45 KING A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4439025 C1 TR 11:00-12:15 KING A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4439030 C2 TR 11:00-12:15 KING A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4439035 D1 MW 8:50-10:05 HAN G
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4439040 D2 MW 8:50-10:05 HAN G
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVERTISING CREATIVITY ADVRT 334 3 CREDITS
Prereq: JL MC 110; C+ OR BETTER IN JL MC 201; ADVRT 301 OR P R 301
Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS
4669005 1 TR 2:10-3:15 GEBR J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4669010 2 TR 12:10-1:15 SCHROEDER J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4669015 3 MW 12:05-1:15 SCHROEDER J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVERT MEDIA PLANNING ADVRT 335 3 CREDITS
Prereq: ADVRT 301 OR P R 301
Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R SOPHOMORES AND ABOVE. SEC A2 RESTRICTED TO MAJORS OTHER THAN ADVRT, JL MC, P R
4670005 A1 TR 2:10-3:15 WIGTON M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4670010 A2 TR 2:10-3:12 WIGTON M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVERT ACCOUNT MGMT ADVRT 336 3 CREDITS
Prereq: JL MC 110; C+ OR BETTER IN JL MC 201; ADVRT 301 OR P R 301
Note: COURSE RESTRICTED TO ADVRT, JL MC, P R
4440005 1 TR 3:40-4:55 WIGTON M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRO SKILL DEVELOP: MAP ADVRT 390A 1 CREDIT
Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR PERMISSION FOR NONMAJORS
0419005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRO SKILL: COLD CASE ADVRT 390L 3 CREDITS
Prereq: JL MC 201 & JL MC 302 OR JL MC 303
0664005 1 TR 10:00-11:10 LUCHT T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

AUD LAB—CRT PODCAST ADVRT 391B 1 CREDIT
Note: Satisfactory-Fail Only.
0811005 1 W 6:30-8:00PM SANWER G
MEETS: AUG 23-DEC 17
Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R SOPHOMORES AND ABOVE. SEC A2 RESTRICTED TO MAJORS OTHER THAN ADVRT, JL MC, P R
Note: SEC A1 RESTRICTED TO NON-MAJOR, SEC A2 RESTRICTED TO MAJOR OTHER THAN ADVRT, JL MC, P R.

ADVERTISING CAMPAIGNS ADVRT 434 3 CREDITS
Prereq: C+ OR BETTER IN ADVRT 334 OR ADVRT 336, CLASSIFICATION IN ADVRT, JL MC, OR P R MAJOR
Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS
4685005 1 TR 12:10-1:15 HUGGINS C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SP TOPC MAGZEN PUBL ADVRT 497C 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
0142005 1 MW 12:05-1:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVERTISING (CONTINUED)

SP TP SPRTR & MIA, DIG ADVRT 497K 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: TOPIC: SPORTS & THE MEDIA IN A DIGITAL W/C WORLD
0144005 1 TR 12:10-1:15 HAAE E
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SPL TOPC: PLN SO MIA ADVRT 497L 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
0481700 1 ARRANGED WIGTON M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRO MIA INTERN: REQ ADVRT 499A 3 CREDITS
Prereq: JL MC 110; FORMAL FACULTY ADVISOR APPROV.
ADVERT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301
JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 303
P R MAJORS: P R 301 AND C+ OR BETTER IN P R 321
Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
Department permission required.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

PRO MIA INTERN: OPT ADVRT 499B 1–3 CREDITS
Prereq: JL MC 110; FORMAL FACULTY ADVISOR APPROV.
ADVERT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301
JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 303
P R MAJORS: P R 301 AND C+ OR BETTER IN P R 321
Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
Department permission required.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

AEROSPACE ENGINEERING

AEROSPACE ENG PROBLM AER E 160 3 CREDITS
Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAM OR ENROLLMENT IN MATH 165
Note: COURSE RESTRICTED TO AER E MAJORS ONLY. CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: AER E 160, C E 160, E E 160, ENGR 160, MATH 185, E E 185, E E 185,
6215005 1 MN 8:50-9:40 RAYBURN C
M 9:55-11:45 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
6215010 2 MN 11:00-11:50 RAYBURN C
M 2:15-4:05 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
6215015 3 MN 8:50-9:40 RAYBURN C
T 2:10-4:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
6215020 4 MN 11:00-11:50 RAYBURN C
W 2:15-4:05 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
6215025 5 MN 12:00-1:50 RAYBURN C
R 2:10-4:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

HONORS AER ENG PROB AER E 160H 3 CREDITS
Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM, MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; 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 MN 1:10-2:00 RAYBURN C
T 10:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7571010 2 MN 1:10-2:00 RAYBURN C
W 9:35-11:35 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7571015 3 MN 1:10-2:00 RAYBURN C
R 10:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

NUMERICAL & LAB TCNQ AER E 161 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN AER E 160 OR EQUIVALENT COURSE
Note: COURSE RESTRICTED TO AER E MAJORS ONLY
7834005 1 MN 9:35-10:45 ALTUKHOVA N
F 8:50-10:40 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7834010 2 MN 9:35-10:45 ALTUKHOVA N
F 11:00-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
AEROSPACE SEMINAR AER E 192 R CREDIT
Satisfactory-Fail Only.
1085005 1 M 4:25-5:15 ROTHMAYER A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
INTRO PERFROM&DSGN AER E 261 3 CREDITS
Prereq: MATH 160, PHYS 221, CREDIT OR ENROLLMENT
IN AER E 161
Note: COURSE RESTRICTED TO AER E MAJORS ONLY
6021005 1 MWF 8:50-9:40 GARGER T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
6021010 2 MWF 8:50-9:40 HOLLAND S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
IND STU FLIGHT GRND AER E 290A 1-2 CREDITS
Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION,
DEPT APPROVAL
Note: COURSE RESTRICTED TO FRESHMAN & SOPHOMORES.
9385005 1 ARRANGED NELSON M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
FLIGHT EXPERIENCE AER E 301 R CREDIT
Prereq: CREDIT OR ENROLLMENT IN AER E 355
Satisfactory-Fail Only.
1160005 1 T 8:00-9:50 MARTIN R
MEETS: AUG 23-OCT 15
1160010 2 T 10:00-11:50 MARTIN R
MEETS: AUG 23-OCT 15
1160015 3 T 11:00-12:50 MARTIN R
MEETS: AUG 23-OCT 15
1160020 4 R 8:00-9:50 MARTIN R
MEETS: AUG 23-OCT 15
1160025 5 R 10:00-11:50 MARTIN R
MEETS: AUG 23-OCT 15
1160030 6 R 11:00-12:50 MARTIN R
MEETS: AUG 23-OCT 15
1160035 7 T 8:00-9:50 MARTIN R
MEETS: OCT 18-DEC 17
1160040 8 T 10:00-11:50 MARTIN R
MEETS: OCT 18-DEC 17
1160045 9 T 11:00-12:50 MARTIN R
MEETS: OCT 18-DEC 17
1160050 10 R 8:00-9:50 MARTIN R
MEETS: OCT 18-DEC 17
1160055 11 R 10:00-11:50 MARTIN R
MEETS: OCT 18-DEC 17
1160060 12 R 11:00-12:50 MARTIN R
MEETS: OCT 18-DEC 17
AERODYNAM I:INCMPRS AER E 310 3 CREDITS
Prereq: GRADE OF C- OR BETTER IN AER E 261
AND MATH 265
1175005 1 MWF 3:20-4:10 HU H
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1175010 2 MWF 3:20-4:10 WARD T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
AERODYN II:CMPRSSBL AER E 311 3 CREDITS
Prereq: AER E 310, M E 231
1179005 1 MWF 8:50-9:40 SHARMA A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
FLIGHT STRUCT ANALY AER E 321 3 CREDITS
Prereq: E 324, CREDIT OR ENROLLMENT IN
MATH 266 OR MATH 267
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
7164005 1 MWF 1:10-2:00 SARKAR P
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7164010 2 MWF 1:10-2:00 BASTAKROS A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
AEROSCPC STRUCT LAB AER E 322 2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN AER E 321
9129005 1 M 4:25-5:15 CHIOU T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9129010 2 M 4:25-5:15 CHIOU T
MEETS: AUG 23-DEC 17
9129015 3 M 4:25-5:15 CHIOU T
MEETS: AUG 23-DEC 17
9129020 4 M 4:25-5:14 CHIOU T
MEETS: AUG 23-DEC 17
9129025 5 M 4:25-5:15 CHIOU T
MEETS: AUG 23-DEC 17
9129030 6 M 4:25-5:15 CHIOU T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
FLIGHT CONTROL SYS I AER E 331 3 CREDITS
9135005 1 TR 9:00-9:50 POUYA S
MEETS: AUG 23-DEC 17
9135010 2 TR 9:00-9:50 POUYA S
MEETS: AUG 23-DEC 17
9135015 3 TR 9:00-9:50 POUYA S
MEETS: AUG 23-DEC 17
9135020 4 TR 9:00-9:50 POUYA S
MEETS: AUG 23-DEC 17
9135025 5 TR 9:00-9:50 POUYA S
MEETS: AUG 23-DEC 17
9135030 6 TR 9:00-9:50 POUYA S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ASTRODYNAMICS I AER E 351 3 CREDITS
Prereq: M E 345
1168005 1 MWF 2:15-3:05 ABDELHALIK O
MEETS: AUG 23-DEC 17
1168010 2 MWF 2:15-3:05 CHIMENTI D
MEETS: AUG 23-DEC 17
1168015 3 MWF 2:15-3:05 CHIMENTI D
MEETS: AUG 23-DEC 17
1168020 4 MWF 2:15-3:05 CHIMENTI D
MEETS: AUG 23-DEC 17
1168025 5 MWF 2:15-3:05 CHIMENTI D
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
AIRCRAFT FLY DYN&TCL AER E 355 3 CREDITS
Prereq: AER E 261, MATH 267, M E 345
1056005 1 MWF 9:55-10:45 KIM A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1056010 2 MWF 9:55-10:45 WIE B
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
COMP TECHNQ AER DSN AER E 361 3 CREDITS
Prereq: AER E 310, MATH 267, E M 324, M E 345
1170010 1 TR 11:00-12:50 NELSON M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1170015 2 TR 11:00-12:50 NELSON M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1170020 3 TR 11:00-12:50 NELSON M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1170025 4 TR 11:00-12:50 NELSON M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
AEROSPACE ENGINEERING (CONTINUED)

AEROSP SYS INTEGR AER E 362 3 CREDITS
Prereq: ENGL 250, JUNIOR STANDING IN AER E OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
4293005 1 MWF 4:25-5:15 HE P
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

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

APPLD FORMAL METHODS AER E 407 3 CREDITS
Prereq: AER E 361 FOR AER E MAJORS. COM S 311 FOR COM S MAJORS. AER E 361 OR COM S 311, OR EQUIVALENT COURSE, PLUS INSTRUCTOR PERMISSION FOR OTHER MAJORS.
0648005 1 TR 11:00-12:15 ROZIER K
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

AERO VEHIC PROPULS AER E 411 3 CREDITS
Prereq: AER E 311, AER E 344
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/
6028005 1 MWF 11:00-11:50 AHN B
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV FLIGHT STRUCTS AER E 421 3 CREDITS
Prereq: AER E 211, MATH 266 OR 267
1176005 1 MW 9:55-10:45 DUALAY V
F 9:55-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

DSIGN AEROSP STRUCT AER E 426 3 CREDITS
Prereq: E M 324
6157005 1 MW 11:10-1:10 POUYA S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

AEROSPACE ENGINEERING (CONTINUED)

AEROSPC SYS INTEGR AER E 462 3 CREDITS
Prereq: AER E 361 FOR AER E MAJORS. COM S 311 FOR COM S MAJORS. AER E 361 OR COM S 311, OR EQUIVALENT COURSE, PLUS INSTRUCTOR PERMISSION FOR OTHER MAJORS.
1186005 1 TR 10:00-10:50 GRAGER T
F 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

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

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

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

MAKE TO INNOVATE II AER E 494 2-3 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION;
Note: MAXIMUM OF 6 CREDITS MAY COUNT TOWARD GRADUATION AS TECHNICAL ELECTIVE
0213005 1 ARRANGED NELSON M
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO JUNIORS AND SENIORS
Course delivery is On-site instruction

UNIV HONORS PROGRAM

HONORS PROGRAM

_INDEPENDENT STUDY AER E 499 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS

_INDEPENDENT STUDY AER E 499I 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS

_INDEPENDENT STUDY AER E 499J 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS

_INDEPENDENT STUDY AER E 499K 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS

_INDEPENDENT STUDY AER E 499L 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS

_INDEPENDENT STUDY AER E 499M 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS

_INDEPENDENT STUDY AER E 499N 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS

_INDEPENDENT STUDY AER E 499O 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS

_INDEPENDENT STUDY AER E 499P 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS

_INDEPENDENT STUDY AER E 499Q 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS

_INDEPENDENT STUDY AER E 499R 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS
INCOMPRESS FLOW AERO AER E 541 3 CREDITS
Prereq: AER E 310 OR M E 335 OR EQUIVALENT
1208005 1 TR 12:40-1:55 DURBIN P
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FLUID MECHANICS I AER E 546 3 CREDITS
Prereq: AER E 310 OR M E 335; PROGRAMMING EXPERIENCE.
1212005 1 TR 11:00-12:15 DURBIN P
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1212700 2 ARRANGED DURBIN P
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

ORBITAL MECHANICS AER E 551 3 CREDITS
Prereq: AER E 351
1214005 1 MWF 4:25-5:15 ABDIELKHALIK O
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1214700 2 ARRANGED ABDIELKHALIK O
Note: Course delivery is WWW

GUIDANCE AER VEHICLES AER E 556 3 CREDITS
Prereq: AER E 311
8722005 1 MWF 3:20-4:10 WIE B
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

RANDOM SIGNAL ANALYSIS AER E 573 3 CREDITS
Prereq: AER E 331 OR E E 324 OR M E 370 OR M E 411 OR MATH 341
8187005 1 TR 3:40-4:55 SHERMAN P
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
8187700 2 ARRANGED SHERMAN P
Note: Course delivery is WWW

LINEAR SYSTEMS AER E 577 3 CREDITS
Prereq: E E 324 OR AER E 331 OR M E 370 OR MATH 415 AND MATH 416
8190005 1 TR 2:10-3:25 SHERMAN P
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

PERTURBATION METHODS AER E 581 3 CREDITS
Prereq: MATH 267
7884005 1 TR 12:40-1:55 ROTH Mayer A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

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

ADVANCED COMP AERODYNAMICS AER E 690A 1-5 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

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

ADVANCED AEROSPACE STRUCTURES AER E 690C 1-5 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED AERODYNAMICS AER E 690D 1-5 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED SPACECRAFT SYSTEMS AER E 690E 1-5 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED FLIGHT DYNAMICS AER E 690F 1-5 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED THERMODYNAMICS AER E 690G 1-5 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED STRUCTURAL DYNAMICS AER E 690H 1-5 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED THERMAL FLIGHT ENGINEERING AER E 690I 1-5 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED AEROSPACE ENGINEERING (CONTINUED)
Agricultural and Biosystems Engineering

Learning Community A B E 102 .5 Credit
Satisfactory-Fail Only
9888005 1 F 9:55-10:45, ARRANGED
Note: Course delivery is On-site instruction
9888010 2 F 11:00-11:50
Note: Course delivery is On-site instruction

SyS T Prob Solved Prog A B E 160 3 Credits
Prereq: Credit or Enrollment in Math 143 or Math 165
Note: Credit in only one of the following courses may be applied toward graduation:
A B E 160, C E 160, A E 160, C P R 185, E E 185,
E 185, E 148, C E 160
6707005 1 TR 10:00-11:50
Note: Course delivery is On-site instruction
6707010 2 TR 1:40-3:10pm
Note: Course delivery is On-site instruction

Eng Grp C & Intro Dsn A B E 170 3 Credits
Note: Course Restricted to A E, BSE, ENGR Majors
6705005 1 MW 9:55-11:45
Note: Course delivery is On-site instruction
6705010 2 TR 8:00-9:50
Note: Course delivery is On-site instruction

Smnr: Prep for WRKPL A B E 201 1 Credit
Prereq: Sophomore Classification in A E,
A S T, BSE or TEC
1373005 1 MW 4:25-5:15
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $30.00

FND AG & Biosys Engr A B E 216 3 Credits
Prereq: A B E 160 or Permission of Instructor
1096005 1 MW 1:10-2:30, ARRANGED
Note: Course delivery is On-site instruction
1096010 2 MW 3:30-4:40, ARRANGED
Note: Course delivery is On-site instruction

Param Sld Model Eng A B E 271 1 Credit
Prereq: A B E 170 or TSM 116 or Equivalent
9153005 1 M 8:50-9:40
W 7:45-9:35
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9153010 2 M 8:50-9:40
W 7:45-9:35
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9153015 3 M 8:50-9:40
W 7:45-9:35
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9153020 4 M 8:50-9:40
R 3:30-5:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9153025 5 MF 9:55-10:45
T 1:10-3:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9153030 6 MF 9:55-10:45
T 3:30-5:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9153035 7 MF 8:50-9:40
R 8:10-9:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9153040 8 MF 8:50-9:40
R 1:30-3:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9153045 9 MF 8:50-9:40
T 10:00-11:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9153050 10 MF 8:50-9:40
W 3:30-5:10
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17

Materials, field trips &/or travel fee $65.00

Mechanics of Fluids A B E 378 3 Credits
Prereq: C E 274
3013005 1 MF 9:55-10:45
T 8:00-9:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
3013010 2 MF 9:55-10:45
R 10:00-11:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
3013015 3 MF 9:55-10:45
W 11:00-1:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
3013020 4 MF 9:55-10:45
R 3:30-5:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
3013025 5 MF 9:55-10:45
T 1:10-3:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
3013030 6 MF 9:55-10:45
T 3:30-5:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
3013035 7 MF 8:50-9:40
R 8:10-9:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
3013040 8 MF 8:50-9:40
R 1:30-3:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
3013045 9 MF 8:50-9:40
T 10:00-11:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
3013050 10 MF 8:50-9:40
W 3:30-5:10
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

MECHANICS OF FLUIDS  A B E 378  3 CREDITS
3013600 11 MWF 8:50-9:40
W 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3013605 12 MWF 9:55-10:45
W 1:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SUSTNBL E&INTL DEV  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 1 MW 3:20-4:10
T 4:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

AG & BIO SY ENGR DSN I  A B E 415  2 CREDITS
Prereq: A B E 316, CLASSIFICATION IN A DEPARTMENT MAJOR
8253005 1 MW 12:10-12:55
ARRANGED
Note: Course delivery is On-site instruction

AG & BIO SY ENGR DSN II  A B E 416  2 CREDITS
Prereq: A B E 415
7302005 11 R 12:10-1:00, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FUND ENGRNG REVIEW  A B E 418  1 CREDIT
4248000 1 T 3:10-5:00, ARRANGED
MEETS: AUG 23-OCT 15
Note: SEC 1 FOR MAJORS OTHER THAN A E, BSE Course delivery is On-site instruction
4248010 2 R 3:10-5:00, ARRANGED
MEETS: AUG 23-OCT 15
Note: SEC 2 RESTRICTED TO A E, BSE MAJORS ONLY Course delivery is On-site instruction

SOIL&WTR CONSRV SY  A B E 431  3 CREDITS
Prereq: E M 378 OR CH E 356
9418005 1 MW 11:00-11:50
T 3:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MULTIDISC ENGR DSN  A B E 466  3 CREDITS
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
8891000 1 MW 3:20-5:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

DSIGN ANIM PROD SYS  A B E 475  2 CREDITS
Prereq: A B E 271, A B E 272, OR A B E 273;
M 324 AND ENROLLMENT IN APSE OPTION OF A E PROGRAM
4206005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ENGR ANALY BIOL SYS  A B E 480  3 CREDITS
Prereq: A B E 380 OR PERMISSION OF INSTRUCTOR
4864005 1 MW 7:45-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $25.00

IND STU:AN PROD SYS  A B E 490A  1-5 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

INDEP STUDY HONORS  A B E 490H  1-5 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTEG CROP&LVSTK SY  A B E 515  3 CREDITS
Prereq: SUSAG 509
9225005 1 TR 8:25-9:15
R 1:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

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AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

SPL TP AG & BIOSY ENG A B E 590 1-3 CREDITS

GRADUATE SEMINAR A B E 601 1 CREDIT

FIND SUSTAINABLE AG A B E 610 3 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Course is for SUS Majors. Non-Majors by permission of the Instructor.

ADVANCED TOPICS A B E 690 VAR. CREDITS

TEACHING PRACTICUM A B E 694 1-3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR

RESEARCH BIOSYS ENG A B E 699B VAR. CREDITS

RES CMPT RD DESIGN A B E 699C VAR. CREDITS

RESEARCH FOOD ENGR A B E 699F VAR. CREDITS

RES OCCUP HSEETY A B E 699G VAR. CREDITS

RES GRADMACHIN ENG A B E 699H VAR. CREDITS

STRUCTURES RESEARCH A B E 699Q VAR. CREDITS

RESEARCH WASTE MGT A B E 699U VAR. CREDITS

AGRICULTURAL EDUCATION & STUDIES

ORIENT AG & LIFE ED AGEDS 110A 1 CREDIT
Note: Course restricted to AGLSE majors

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
Prereq: CLASSIFICATION IN AGLSE MAJOR

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AG & LIFE SCI EXPER AGEDS 110C 1 CREDIT
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction

DEAN'S LDRSHIP SEMNR AGEDS 111 1 CREDIT
Prereq: PERMISSION OF THE AG LS COLLEGE
Note: Required Approval from Katy Heineman, 20 Curtiss

INITIAL FLD EXP RCPEX AGEDS 116 1 CREDIT
Prereq: CLASSIFICATION IN AGLS MAJOR

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
Prereq: AGEDS 115
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
Prereq: AGEDS 211
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CAREER SEMINAR AGEDS 215 1 CREDIT
Prereq: SOPHOMORE CLASSIFICATION
Note: Course restricted to Sophomore Classification or above

FOUND AG ED PROGRAMS AGEDS 310 3 CREDITS
Prereq: SOPH & 310
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRESENT STRATEGIES AGEDS 311 3 CREDITS
Prereq: ENGL 250
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
Prereq: CLASSIFICATION IN AGLSE MAJOR

SCI WITH PRACTICE AGEDS 312 3 CREDITS
Prereq: MAJOR IN THE COLLEGE OF AG LS

INSTRUCTOR

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
Prereq: AGEDS 115
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
Prereq: AGEDS 211
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CAREER SEMINAR AGEDS 215 1 CREDIT
Prereq: SOPHOMORE CLASSIFICATION
Note: Course restricted to Sophomore Classification or above

FOUND AG ED PROGRAMS AGEDS 310 3 CREDITS
Prereq: SOPH & 310
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRESENT STRATEGIES AGEDS 311 3 CREDITS
Prereq: ENGL 250
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
Prereq: CLASSIFICATION IN AGLSE MAJOR

SCI WITH PRACTICE AGEDS 312 3 CREDITS
Prereq: MAJOR IN THE COLLEGE OF AG LS
AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AG MECHAN APPLICATNS AGEDS 388 3 CREDITS
Note: COURSE LOCATED OFF CAMPUS, ALLOW 20 MINUTES
TRAVEL-TIME. Course delivery is On-site instruction
6067005 1 M 12:05-1:55
W 12:05-2:55
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO AG ST, AGEDS, AGLSE
MAJORS ONLY
Course delivery is On-site instruction
Materials and equipment use fee $250.00
6067010 2 M 12:05-1:55
W 12:05-2:55
MEETS: AUG 23-DEC 17
Note: SEC 2 FOR MAJORS OTHER THAN AG ST, AGEDS,
AGLSE.
Course delivery is On-site instruction
Materials and equipment use fee $250.00

TECNL TRANSFR & AG ED AGEDS 461 3 CREDITS
Note: Meets international perspectives reqm
9564005 1 W 3:20-4:10
MEETS: AUG 23-DEC 17
Course delivery is On-site instruction
9564700 2 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is W/W
Cmprtr reqm: https://www.agonline.lastate.edu
/resources/computer-requirements

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)
AG MKTGCOMM COMPET AGEDS 475 1-2 CREDITS
Prereq: ADMISSION BY INVITATION
6063005 1 TR 4:10-5:00
MEETS: AUG 23-DEC 17
Note: Instructor permission required.

MTCHS TCHG AG MECHN AGEDS 488 3 CREDITS
Note: COURSE LOCATED OFF CAMPUS, ALLOW 20 MINUTES
TRAVEL-TIME. Course delivery is On-site instruction
5124005 1 M 2:15-5:05
W 3:20-5:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $250.00

IND STU PHIL, CURRIC AGEDS 490A 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL 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 LDRSHIP, EVAL AGEDS 490B 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL 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 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 PHIL, CURRIC AGEDS 490A 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL 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 COMMUNICATN AGEDS 490I 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL 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 ENTREPRENR AGEDS 490J 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL 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 ENTREPRENR AGEDS 490J 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL 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

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, ADVISOR. 
DEPARTMENT CHAIR.
Note: Instructor permission required 1st week.
8361005 1 ARRANGED
MEETS: AUG 23-DEC 17

PLAN AG ED PROGRAMS AGEDS 501 3 CREDITS
Prereq: AGEDS 310
7851005 1 TR 3:30-5:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
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<td>AGED 511</td>
<td>AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)</td>
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<td>AGED 590A</td>
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<td>AGED 590B</td>
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<td>1390010</td>
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### AGRONYM

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<td>PROFESSIONAL INTERNSHIP AGRON 311</td>
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**Materials, field trips &/or travel fee $50.00**
AGRONOMY (CONTINUED)

TURFGR ESTB&MGT LAB AGRON 351L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN HORT 351
1413005 1 \( M \) 2:15-5:00 P M CHRISTIANS N
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction

SOILS & PLANT GROWTH AGRON 354 3 CREDITS
Prereq: AGRON 182 OR EQUIVALENT, BIOL 101
1414015 1 MFW 7:45-8:35 MC DANIEL M
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction

SOIL PLANT GROWTH LB AGRON 354L 1 CREDIT
Prereq: AGRON OR HORT MAJOR WITH CREDIT OR
ENROLLMENT IN AGRON 354
8362005 1 T 9:00-11:50 MATHUR R
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction
Materials fee $50.00
8362010 2 R 11:00-2:00 MATHUR R
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction
Materials fee $50.00
8362015 3 R 3:10-6:00 P MATHUR R
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction
Materials fee $50.00
8362020 4 R 11:00-2:00 MATHUR R
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction
Materials fee $50.00

FALL 2021

FLD EXP SOIL DECR普 AGRON 370 1 CREDIT
Prereq: AGRON 182 OR EQUIVALENT, PERMISSION
OF INSTRUCTOR
1417005 1 R 3:10-6:00 P ANDERSON A
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction

SYST CROP & SOIL MGMT AGRON 392 3 CREDITS
Prereq: AGRON 316 AND AGRON 354
4515005 1 MW 1:10-2:00 WIEDENHOEF M
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction
Professional support fee $25.00

COOPERATIVE EDUCAT AGRON 398 R CREDIT
Prereq: PERMISSION OF FACULTY MEMBER OR STUDENT’S
ADVISOR, JUNIOR CLASSIFICATION
Satisfactory-Fail Only.
1411005 1 ARRANGED
MEETS: AUG-DEC 17

GLOBAL CHANGE AGRON 400 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIO SCIENCES
OR ENGINEERING, JUNIOR, SENIOR OR GRADUATE STANDING
8140700 1 ARRANGED

PRO DEVELOP SR FORUM AGRON 410 1 CREDIT
Prereq: SENIOR CLASSIFICATION; AGRON 210
1425005 1 T 2:10-3:00 LAMKEY K
MEETS: AUG-DEC 17
Note: Course delivery is On-line instruction

INTRO PLANT BREEDING AGRON 421 3 CREDITS
Prereq: GEN 100 OR BIOL 313
1431000 1 TR 8:00-9:15 SALAS-FERNANDEZ
MEETS: AUG-DEC 17
Note: Course delivery is Hybrid (Online and F2F)
Field trips & travel fee $33.00

GIS FOR GEOSCIENTIST AGRON 452 3 CREDITS
8577005 1 MW 3:10-4:25 HARDING C
MEETS: AUG-DEC 17

ENVIR SOIL & WTR CHEM AGRON 459 4 CREDITS
Prereq: TWO SEMESTERS COLLEGE-LEVEL CHEMISTRY,
MATH 140, AGRON 182 (OR EQUIVALENT) OR AGRON 360,
GR 100 AND AGRON 354 RECOMMENDED
4370005 1 MFW 11:00-11:50 THOMPSON M
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction
Materials fee, field trips $19.00 or travel fee $30.00

INDEPENDENT STUDY AGRON 490G 1-3 CREDITS
Prereq: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON
OR INSTRUCTOR PERMISSION IN SPECIALITY AREA AFTER CONSULTATN
Note: NO MORE THAN 4 CREDITS OF AGRON 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU SERV LEARN AGRON 490Z 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF AGRON 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION
7954005 1 ARRANGED
MEETS: AUG-DEC 17

SEED SCI INTERNSHIP AGRON 491 1-2 CREDITS
Prereq: AGRON 338, ADVANCED APPROVAL AND
PARTICIPATION OF EMPLOYER AND INSTRUCTOR
Note: Instructor permission required.
9369005 1 ARRANGED
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction

AG INT'L TRAVL TOUR AGRON 496A VAR. CREDITS
Prereq: Meets international perspectives reqmt
9433005 1 ARRANGED
BURRAS C
MEETS: AUG-DEC 17
Note: SEC 1 TOPIC: SOILS, AGRICULTURE & THE ENVIRONMENT
OF URUGUAY
Course delivery is WWW
94331005 2 ARRANGED
BURRAS C
MEETS: AUG-DEC 17
Note: SEC 2 TOPIC: SOILS, CROPS, AND WATER OF COSTA
RICA
Course delivery is On-site instruction

AGROECOLOGY FLD CRS AGRON 497 3 CREDITS
Prereq: JR/SR CLASSIFICATION, 8 CREDITS IN AGRONOMY
Note: REQUIRED FIELD EXPERIENCE JULY 19-26
8311005 1 ARRANGED
WIEDENHOEF M
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction
Professional support, field trips $500.00

COOPERATIVE EDUCAT AGRON 498 R CREDIT
Prereq: PERMISSION OF FACULTY MEMBER OR STUDENT’S
ADVISOR, SENIOR CLASSIFICATION
Satisfactory-Fail Only.
1416005 1 ARRANGED
MEETS: AUG-DEC 17

CROP GROWTH & DEVELOP AGRON 501 3 CREDITS
Prereq: AGRON 181 OR EQUIVALENT, MATH 140,
6438700 1 ARRANGED
ABENDROTH L
MEETS: AUG-DEC 17
Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS ENROLLED IN
THE MS AGRONOMY AND AGRONOMY GRADUATE CERTIFICATE
ONLINE DEGREE PROGRAMS, ALL OTHER MAJORS CONTACT
THE AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR
MSAGRON@IASTATE.EDU.
Course delivery is WWW
Cmplt reqmt: https://masters.agron.iastate.edu/home
/techrequirements

CHEM, PHYS & BIO SOIL AGRON 502 3 CREDITS
Prereq: AGRON 181 OR EQUIVALENT, BIOL 101, CHEM 163, MATH 140,
6442700 1 ARRANGED
DOBILL D
MEETS: AUG-DEC 17
Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS ENROLLED IN
THE MS AGRONOMY AND AGRONOMY GRADUATE CERTIFICATE
ONLINE DEGREE PROGRAMS, ALL OTHER MAJORS CONTACT
THE AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR
MSAGRON@IASTATE.EDU.
Course delivery is WWW
Materials, field trips $500.00 or travel fee $45.00
Cmplt reqmt: https://masters.agron.iastate.edu/home
/techrequirements

CLIMATE & CROP GROWTH AGRON 503 3 CREDITS
Prereq: AGRON 181 OR EQUIVALENT, MATH 140,
6453700 1 ARRANGED
KABELA E
MEETS: AUG-DEC 17
Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS ENROLLED IN
THE MS AGRONOMY AND AGRONOMY GRADUATE CERTIFICATE
ONLINE DEGREE PROGRAMS, ALL OTHER MAJORS CONTACT
THE AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR
MSAGRON@IASTATE.EDU.
Students are responsible for finding a proctor
Course delivery is WWW
Cmplt reqmt: https://masters.agron.iastate.edu/home
/techrequirements

AGRONOMY (CONTINUED)
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<td>GLOBAL CHANGE</td>
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<td>AGR 506</td>
<td>CROP GENETICS</td>
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<td>AGRON 114 OR HORT 221, MATH 140, CHEM 163 AND BIOL 101</td>
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<td>AGR 509</td>
<td>AGROECOSYSMS ANALYSIS</td>
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<td>AGR 510</td>
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<td>AGR 511</td>
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<td>AGR 513</td>
<td>QUANTITATIVE METHODS</td>
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<td>AGR 515</td>
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<td>AGR 516</td>
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<td>AGR 523</td>
<td>Integrated Pest Mgt</td>
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**Notes:**
- **GLOBAL CHANGE:** AGRON 504 credits are earned if you have at least a 4.0 in PHYSICAL OR BIOL SCIENCES.
- **CROP GENETICS:** AGRON 506 credits are earned if you have at least a 4.0 in BIOLOGY, JUNIOR, SENIOR OR GRADUATE STANDING.
- **AGROECOSYSMS ANALYSIS:** AGRON 509 credits are earned if you have at least a 4.0 in BIOLOGY, JUNIOR, SENIOR OR GRADUATE STANDING.
- **CROP IMPROVEMENT:** AGRON 510 credits are earned if you have at least a 4.0 in BIOLOGY, JUNIOR, SENIOR OR GRADUATE STANDING.
- **INTRO TO AGROECOSYSMS:** AGRON 511 credits are earned if you have at least a 4.0 in BIOLOGY, JUNIOR, SENIOR OR GRADUATE STANDING.
- **SOIL-PLANT ENVIRONM:** AGRON 512 credits are earned if you have at least a 4.0 in BIOLOGY, JUNIOR, SENIOR OR GRADUATE STANDING.
- **QUANTITATIVE METHODS:** AGRON 513 credits are earned if you have at least a 4.0 in BIOLOGY, JUNIOR, SENIOR OR GRADUATE STANDING.
- **INTEGRATED PEST MGT:** AGRON 514 credits are earned if you have at least a 4.0 in BIOLOGY, JUNIOR, SENIOR OR GRADUATE STANDING.
### FALL 2021

**AGRONOMY (CONTINUED)**

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<th>Course Code</th>
<th>Credits</th>
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<td>ADV SOIL MANAGEMENT AGRON 554</td>
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<td>Prereq: AGRON 354; MATH 165</td>
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<td>AGROECOSYSM ECOLOGY AGRON 556</td>
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<td>Prereq: 3 CR in chemistry and 4 CR in biology; recommended: ENSCI 382, ENSCI 553, or upper-level coursework in nutrient cycles.</td>
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<td>ENVIR SOIL&amp;WTR CHEM AGRON 559</td>
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<td>Prereq: Two semesters college-level chemistry, MATH 140, AGRON 182 (or equivalent); or AGRON 360.</td>
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<td>SPECIAL TOPICS AGRON 590</td>
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<td>CURR ISSUES AGRON 592</td>
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<td>CR COMP AG MTEOROL AGRON 599A</td>
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<td>CR COMP CROP PRD&amp;PH AGRON 599B</td>
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<td>ENVIR SOIL&amp;MGT AGRON 599</td>
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<td>Prereq: Two semesters college-level chemistry, MATH 140, AGRON 182 (or equivalent); or AGRON 360.</td>
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<td>SOIL FORM&amp;TRANS AGRON 575</td>
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**AIR FORCE AEROSPACE STUDIES**

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<td>INTR LDRSH LABATRNG AFAS 103</td>
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<td>Prereq: membership as a cadet in AFROTC</td>
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<td>FOUND U.S. AIR FORCE AFAS 141</td>
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<td>Prereq: membership as a cadet in AFROTC</td>
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**Notes:**
- Course delivery is On-site instruction.
- Course delivery is Hybrid (Online and F2F).
- Course delivery is On-site instruction.
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- Course delivery is On-site instruction.
- COURSE IS FOR SUSAG MAJORS. NON-MAJORS BY PERMISSION OF THE INSTRUCTOR.
- Course delivery is On-site instruction.
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<th>Instructor</th>
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**American Indian Studies**

- **NATV PEOP AM CULTR** AM IN 201 3 CREDITS
- **AMERICAN INDIAN STUDIES**
- **AMERICAN SIGN LANGUAGE**
- **AMERICAN SIGN LANGUAGE**
- **ANIMAL ECOLOGY**
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ANIMAL ECOLOGY (CONTINUED)

FISHERY MANAGEMENT  A ECL 540  3 CREDITS
Prereq: A ECL 312, A ECL 321, A ECL 333; STAT 101
or STAT 104; CREDIT OR ENROLLMENT IN A ECL 486
1101005  1 M 8:50-9:40
W 11:30-12:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $65.00
AQUATIC ECOLOGY  A ECL 586  3 CREDITS
Prereq: EOSC 381 OR EOSC 402 OR
HRRM 301
0783005  1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
AQUATIC ECOLOGY LAB  A ECL 586L  1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN A ECL 586
or EOSC 586 OR ECOB 586
0681005  1 T 12:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $75.00
0681010  2 T 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $75.00
CREATIVE COMPONENT  A ECL 599 VAR. CREDITS
Prereq: NONTHESIS M.J. OPTION ONLY
****** SEE DEPT FOR REFERENCE NUMBERS
TEACHING PRACTICUM  A ECL 698 1- 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN ANIMAL ECOLOGY
AND PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS
RESEARCH  A ECL 699 VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ANIMAL SCIENCE

WORKING WITH ANIMALS  AN S 101  2 CREDITS
1527005  1 T 12:40-1:30
F 7:45-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $175.00
1527010  2 T 12:40-1:30
F 7:35-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $175.00
1527015  3 T 12:40-1:30
F 7:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $175.00
1527020  4 T 12:40-1:30
F 2:15-4:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $175.00
1527025  5 W 11:00-2:00
F 7:45-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $175.00
1527030  6 W 11:00-2:00
F 8:35-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $175.00
1527035  7 W 11:00-2:00
F 11:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $175.00
1527040  8 W 11:00-2:00
F 2:15-4:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $175.00
ORIENTATION IN AN S AN S 110  1 CREDIT
Note: COURSE RESTRICTED TO AN S, DS S, GENPV MAJORS
1518005  1 T 9:30-10:20
R 11:30-12:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1518010  2 T 9:30-10:20
R 11:30-12:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1518015  3 T 9:30-10:20
R 11:30-12:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1518020  4 T 9:30-10:20
R 11:30-12:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ANIMAL SCIENCE (CONTINUED)

SURVEY ANIMAL INDUS  AN S 114  2 CREDITS
1519005  1 M 7:45-8:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
PRA SAFE EQUIN Hndl AN S 116  1 CREDIT
Satisfactory-Fail Only.
9373005  1 TR 9:30-10:20
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $275.00
LVSTCK HANDL SAFE W AN S 190  2 CREDITS
Prereq: AN S 101
2885005  1 M 10:30-1:30
F 10:30-1:30
MEETS: AUG 23-DEC 17
Note: Instructor permission required.
Course delivery is On-site instruction
Materials and equipment use fee $225.00
LVSTOCK ART&HERITAG AN S 207  3 CREDITS
9478005  1 TR 8:00-9:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
CAREER PREP AN SCI AN S 210  1 CREDIT
Prereq: SOPHOMORE CLASSIFICATION IN AN S
1621005  1 R 11:30-1:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
DOMEST ANIM PHYSIOL AN S 214  3 CREDITS
Prereq: BIOL 212, CHEM 163 OR CHEM 177
1542005  1 T 3:30-5:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
LVSTCK HANDL & SAFE AN S 214L  1 CREDIT
Prereq: AN S 114, SOPHOMORE CLASSIFICATION
Satisfactory-Fail Only.
1542010  2 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
DOM AN ANAT&PHY LAB AN S 214L  1 CREDIT
Prereq: AN S 101 OR AN S 114; ONE COURSE IN
BIOLOGY
1545005  1 T 10:00-11:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $100.00
1545010  2 T 12:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $100.00
1545015  3 R 12:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $100.00
1545020  4 R 8:30-10:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $100.00
1545025  5 R 10:00-11:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $100.00
EQUINE SCIENCE AN S 216  3 CREDITS
Prereq: AN S 101 OR AN S 114; ONE COURSE IN
14825005  1 TR 9:30-10:12
M 9:55-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment fee $285.00
14825010  2 TR 9:30-10:12
M 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment fee $285.00
14825025  3 TR 9:30-10:12
M 2:15-4:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment fee $285.00
ANIMAL SCIENCE (CONTINUED)

EQUINE FARM PRACTCM  AN S  217  2 CREDITS
Prereq: AN S 116 OR EQUIVALENT EXPERIENCE, 3 CREDITS OR ENROLLMENT IN AN S 216
1690005 1 ARRANGED
Note: SEC 1: A $285 FEE ASSOCIATED WITH THIS COURSE
Course delivery is On-site instruction
Materials and equipment use fee $285.00
MEETS: AUG 23-DEC 17

ANIMAL NUTRITION SURVEY  AN S  219X  3 CREDITS
Prereq: BIOL 101, BIOL 212 OR EQUIVALENT AND CHEM 161, CHEM 167, CHEM 201
0831005 1 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

POULTRY SCIENCE  AN S  223  3 CREDITS
Prereq: AN S 101, AN S 114
Note: SEC A1 RESTRICTED TO AN S, DY S, GENPV MAJORS
SEC A2 RESTRICTED TO MAJORS OTHER THAN AN S, DY S, GENPV
1695005 A1 MW 11:00-11:50
T 10:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
1695010 A2 MW 11:00-11:50
T 10:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

COMPANION ANIMAL SCIENCE  AN S  224  3 CREDITS
Prereq: COURSE IN BIOLOGY
8087005 1 MW 2:15-3:05
R 4:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
8087010 2 MW 2:15-3:05
R 10:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
8087015 3 MW 2:15-3:05
R 12:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
8087020 4 MW 2:15-3:05
R 2:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

SWINE SCIENCE  AN S  225  3 CREDITS
Prereq: AN S 114, AN S 101
Note: SEC A1 RESTRICTED TO AN S, DY S MAJORS, SEC A2, B2, ETC. RESTRICTED TO MAJORS OTHER THAN AN S, DY S. EITHER AN S 225 OR THE AN S 280 AND AN S 280L CREDITS FOR THIS COURSE CANNOT BE APPLIED TOWARD GRADUATION.
1725005 A1 MF 9:55-10:45
W 9:55-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $185.00
1725010 A2 MF 9:55-10:45
W 9:55-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $185.00
1725015 B1 MF 9:55-10:45
W 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $185.00
1725020 B2 MF 9:55-10:45
W 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $185.00
1725025 C1 MF 9:55-10:45
W 2:15-4:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $185.00
1725030 C2 MF 9:55-10:45
W 5:55-8:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $185.00
1725035 D1 MF 9:55-10:45
W 7:45-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $185.00
1725040 D2 MF 9:55-10:45
W 7:45-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $185.00

BEEF CATTLE SCIENCE  AN S  226  3 CREDITS
Prereq: AN S 101, AN S 114
Note: SEC A1, B2, ETC. RESTRICTED TO AN S, DY S MAJORS, SEC A2, B2, ETC. RESTRICTED TO MAJORS OTHER THAN AN S, DY S.
1726005 A1 MW 8:50-9:40
R 8:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $160.00
1726010 A2 MW 8:50-9:40
R 8:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $160.00
1726015 B1 MW 8:50-9:40
R 10:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $160.00
1726020 B2 MW 8:50-9:40
R 10:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $160.00
1726025 C1 MW 8:50-9:40
R 12:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $160.00
1726030 C2 MW 8:50-9:40
R 12:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $160.00
1726035 D1 MW 8:50-9:40
R 12:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $160.00
1726040 D2 MW 8:50-9:40
R 12:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $160.00

LABORATORY ANIMAL SCIENCE  AN S  228  3 CREDITS
Prereq: AN S 101, AN S 114.
AN S 214 RECOMMENDED
0296005 1 MW 1:00-2:50
R 4:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $50.00

DAIRY CATTLE SCIENCE  AN S  235  3 CREDITS
Prereq: AN S 101, AN S 114
1523005 1 TR 7:10-9:00
W 7:45-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $200.00
1523010 2 TR 7:10-9:00
W 9:55-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $200.00
1523015 3 TR 1:10-3:00
W 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $200.00
1523020 4 TR 1:10-3:00
W 2:15-4:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $200.00

FOODS ANIMAL ORIGIN  AN S  270  2 CREDITS
Prereq: BIOL 212, CHEM 163 OR CHEM 177
1524010 1 TR 8:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FOODS ANIMAL ORIGIN LAB  AN S  270L  1 CREDIT
Prereq: CREDIT OR CURRENT ENROLLMENT IN AN S 270
7169005 1 W 7:45-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $160.00
7169010 2 W 9:45-11:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $160.00
7169015 3 W 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $160.00
<table>
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<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Prerequisite(s)</th>
<th>Credits</th>
<th>Fee</th>
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</table>
ANIMAL SCIENCE  (CONTINUED)

JUDGING MEATS  AN S 475C  1- 2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED TOWARD GRADUATION
1558005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1558010  2 R 2:10-5:00
MEETS: AUG 23-DEC 17
Note: SEC 2; NOVICE, OFFERED FOR 1 CREDIT ONLY.
Course delivery is On-site instruction
Materials, field trips &/or travel fee $500.00

BEEF INDU LDR FELLW  AN S 480A  1 CREDIT
Prereq: AN S 226, INSTRUCTOR PERMISSION
Satisfactory-Fail Only.
8710005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Instructor permission required.

PLTRY IND LDR FELLW  AN S 480G  1 CREDIT
Prereq: AN S 223; PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
8811005  1 W 4:20-5:10, ARRANGED
MEETS: AUG 23-DEC 17

IND STDY ANIMAL SCI  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 STU PULTRY 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 STUDY HONORS  AN S 490H  1- 3 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR, MEMBERSHIP IN UNIV HONORS PROGRAM.
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

TEACHING EXPERNC AN S 497  1- 2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF AN S 497 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

UNXS66AS BOLR RSRCH  AN S 500A  1 CREDIT
1566005  1 ARRANGED
MEETS: Aug 23-Oct 15
Note: Course delivery is On-site instruction

MATRIX ALG&BIO RSRCH  AN S 500B  1 CREDIT
2262005  1 ARRANGED
MEETS: Oct 18-Dec 17
Note: Course delivery is On-site instruction

SURVEY ANIM DISCIPL  AN S 501  1 CREDIT
Prereq: REQUIRED FOR ANIMAL SCIENCE GRAD STUDENTS
Satisfactory-Fail Only.
1678005  1 M 1:10-2:00
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction
ANIMAL SCIENCE  (CONTINUED)

INTREG CROP&LIVST SY AN S 515  3 CREDITS
Prereq: SUSAG 509
2263005  1 TR 9:30-10:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Professional support, field trips 1/2 travel fee $60.00
GUT MICROBIO:HLTH AN S 517  3 CREDITS
Prereq: 2-3 CREDITS IN MICROBIOLOGY AND/OR IMMUNOLOGY
7735005  1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ADV VERTB PHYSIOL I AN S 549  4 CREDITS
Prereq: RECOMMENDED: AN UNDERGRADUATE PHYSIOLOGY
COURSE AND A BIOCHEMISTRY COURSE
7196005  1 TR 8:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
PCP&QUANT GEN BREED AN S 561  4 CREDITS
Prereq: STAT 401
6459005  1 TR 9:30-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
6459700  2 TR 9:00-10:00
Managing Enrollment J
MEETS: AUG 23-DEC 17
Note: Course delivery is Online
Cmptr reqmt: https://www.agonline.iastate.edu
/resources/computer-requirements
ADV PROCSD MEAT TEC AN S 563  3 CREDITS
Prereq: AN S 270 OR EQUIVALENT; OR AT LEAST
TWO UNDERGRADUATE COURSES IN BIOLOGY, FOOD SCIENCE,
MICROBIOLOGY OR CULINOLGY
0612700  1 ARRANGED
SEBANEK J
MEETS: AUG 23-DEC 17
Note: SEC 1 PROCTOR WILL BE NEEDED
Course delivery is WWW
SPL TOP AN BREEDING AN S 590A  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS
SPL TOP ANIMAL NUTR AN S 590B  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS
SPL TOP MEAT AN PRO AN S 590C  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS
SPL TOPICS MEAT SCI AN S 590E  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS
SPL TOP PHYS REPROD AN S 590F  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS
SPL TOP MUSCLE BIOL AN S 590G  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS
SPL TOP POULTR PROD AN S 590I  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS
SPL TOP PROF TOPICS AN S 590K  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS
SPL TOPICS TEACHING AN S 590L  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS
SPL TOPICS ETHOLOGY AN S 590N  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS
CRTV COMP AN BREEDG AN S 599A  1-8 CREDITS
Prereq: NONTHESIS M.S. STATUS
*******  SEE DEPT FOR REFERENCE NUMBERS
CRTV COMP ANI NUTRI AN S 599B  1-8 CREDITS
Prereq: NONTHESIS M.S. STATUS
*******  SEE DEPT FOR REFERENCE NUMBERS
CRTV CMP AN PHYSIOL AN S 599C  1-8 CREDITS
Prereq: NONTHESIS M.S. STATUS
*******  SEE DEPT FOR REFERENCE NUMBERS
CRTV COMPO ANIM SCI AN S 599D  1-8 CREDITS
Prereq: NONTHESIS M.S. STATUS
*******  SEE DEPT FOR REFERENCE NUMBERS
ANIMAL SCIENCE  (CONTINUED)

CRTV COMPO MEAT SCI AN S 599E  1-8 CREDITS
Prereq: NONTHESIS M.S. STATUS
*******  SEE DEPT FOR REFERENCE NUMBERS
ANIM NUTRITION SEM AN S 603  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
1591005  1 M 4:25-5:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ADV NUTR--PROTEIN AN S 619  2 CREDITS
Prereq: BBMB 405
1594005  1 W 1:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
SEMNR ANIMAL REPROD AN S 633  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
1596005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
APPL AN BREED STRAT AN S 653  3 CREDITS
Prereq: AN S 561 RECOMMENDED
0096005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
STAT MTHD MAP TRAIT AN S 656  2 CREDITS
Prereq: AN S 541, STAT 447
2055005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
SEM AN BREEDG&GENET AN S 658  1 CREDIT
7083005  1 F 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
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 PROD 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 SCIENCE RESEARCH AN S 699E VAR CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS
REPROD PHYSOL RSRC AN S 699F VAR CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS
MUSCLE BIOLOGY RSRC AN S 699G VAR CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS
POULTRY NUTRI RSRC AN S 699H VAR CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS
ANIM ETHOLOGY RSRC AN S 699J VAR CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS
ANTHROPOLOGY

INTRO CULTURAL ANTHR ANTHR 201  3 CREDITS
Note: Meets international perspectives reqmt
1615005  1 MW 8:50-9:40
M 9:35-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1615015  3 MW 8:50-9:40
M 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1615020  4 MW 8:50-9:40
M 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1596025  5 MW 8:50-9:40
T 9:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1615030  6 MW 8:50-9:40
T 10:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1615035  7 MW 8:50-9:40
T 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ANTHROPOLOGY (CONTINUED)

INTRO CULTURAL ANTHR ANTHR 201 3 CREDITS
1615045 1 MW 8:50-9:40
F 10:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1615050 10 ARRANGED
MEETS: OCT 18-DEC 17
Note: Course delivery is WWW
1615055 11 ARRANGED
MEETS: OCT 18-DEC 17
Note: Course delivery is WWW

INTR BIOI ANARCHEO ANTHR 202 3 CREDITS
1616005 1 MW 11:00-11:50
R 10:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1616010 2 MW 11:00-11:50
R 12:10-1:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1616015 3 MW 11:00-11:50
R 12:10-1:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1616020 4 MW 11:00-11:50
R 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1616025 5 MW 11:00-11:50
R 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1616030 6 MW 11:00-11:50
R 3:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1616700 7 ARRANGED
MEETS: OCT 18-DEC 17
Note: Course delivery is WWW

GLOBAL SUSTAINABILITY ANTHR 220 3 CREDITS
Note: T SC/ANTHR/ENV S/GLOBE MAT E/M E/SOC 220
May not be applied as Technical Elective Credit toward any engineering college degree
Meet international perspectives reqmt
3753700 1 TR 10:00-10:50
MEETS: SEPT 20-DEC 17
Note: Course delivery is WWW

AMERIC INDIANS IOWA ANTHR 225 3 CREDITS
Note: Meets U.S. diversity reqmt
8442005 1 TR 2:10-3:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GLOBALIZATION & HUMAN COND ANTHR 230 3 CREDITS
Note: Meets international perspectives reqmt
7017005 1 ARRANGED
MEETS: OCT 18-DEC 17
Note: Course delivery is WWW
7017700 2 ARRANGED
MEETS: OCT 18-DEC 17
Note: Course delivery is WWW

PRIMATE BEHAVIOR ANTHR 250 3 CREDITS
Prereq: ANTHR 202 AND/OR BASIC BIOLOGY COURSE RECOMMENDED
1129005 1 TR 9:30-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ARCHAEOLOGY ANTHR 308 3 CREDITS
Prereq: ANTHR 202
Note: Instructor permission required 1st week.
1619005 1 MW 9:55-10:45
F 7:45-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1619010 2 MW 9:55-10:45
F 7:45-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1619015 3 MW 9:55-10:45
F 7:45-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1619020 4 MW 9:55-10:45
F 3:20-5:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO CULTURAL & LANGUAGE ANTHR 309 3 CREDITS
Prereq: ANTHR 201 RECOMMENDED
Note: Meets international perspectives reqmt
1620705 1 ARRANGED
MEETS: OCT 18-DEC 17
Note: Course delivery is WWW

KINSHIP & NARRATIVE ANTHR 313 3 CREDITS
Prereq: ANTHR 201 RECOMMENDED
1623005 1 TR 11:00-12:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ARCHAEOLOGICAL N AMERI ANTHR 315 3 CREDITS
Prereq: ANTHR 202
1636005 1 MF N 12:00-1:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GRK ARCHAEOL TO 700BC ANTHR 376A 3 CREDITS
Note: Meets international perspectives reqmt
2334005 1 MF N 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

ROMAN ARCHAEOL TO 400CE ANTHR 376C 3 CREDITS
Note: Meets international perspectives reqmt
1151005 1 MF N 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

ETHNOGRAPHIC METHODS ANTHR 431 3 CREDITS
1732005 1 TR 12:40-2:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTERNSHIP ARCHAEOL ANTHR 434A 1-6 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.

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

INTERNSHIP CULTURAL ANTHR 434B 1-6 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.

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

INTERNSHIP BIOLOGICAL ANTHR 434C 1-6 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 2021.

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

INTERNSHIP LINGUIST ANTHR 434D 1-6 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 2021.

Satisfactory-Fail Only.

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

APPROACHES IN ANTHR ANTHR 450 3 CREDITS
Prereq: ANTHR 360
6249005 1 TR 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

PRAC TICUM ARCHAEOL ANTHR 451A 1-3 CREDITS
Prereq: ANTHR 201 OR ANTHR 202 OR ANTHR 308
Note: Instructor permission required.

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

PRACTICUM CULTURAL ANTHR 451B 1-3 CREDITS
Prereq: ANTHR 201 OR ANTHR 202 OR ANTHR 308
Note: Instructor permission required.

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

PRAC TICUM LINGUIST ANTHR 451D 1-3 CREDITS
Prereq: ANTHR 201 OR ANTHR 202 OR ANTHR 308
Note: Instructor permission required.

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

INDEPENDENT ARCHAEOL 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
ANTHROPOLOGY (CONTINUED)

IND STU CULTR ANTHR ANTHR 490B 1-5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY
Note: NO MORE THAN 9 CREDITS FROM ANTHR 490/499 MAY BE APPLIED TOWARDS GRADUATION
Instructor permission required 1st week.

IND STU BIOL ANTHR ANTHR 490C 1-5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY
Note: NO MORE THAN 9 CREDITS FROM ANTHR 490/499 MAY BE APPLIED TOWARDS GRADUATION
Instructor permission required 1st week.

IND STU LING ANTHR ANTHR 490D 1-5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY
Note: NO MORE THAN 9 CREDITS FROM ANTHR 490/499 MAY BE APPLIED TOWARDS GRADUATION
Instructor permission required 1st week.

INDEP STUDY HONORS ANTHR 490H 1-5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY, MEMBERSHIP IN THE HONORS PROGRAM
Note: RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY.
Instructor permission required 1st week.

BIOLOG ANTHROARCH Ananth 503 3 CREDITS
Prereq: ANTH 307, ANTH 293/ANTH 307
Note: Instructor permission required 1st week.

KINSHIP & RACIAL GLOBAL ANTHR 513 3 CREDITS
Prereq: ANTH 291
Note: Meets international perspectives reqmt

ARCHAEOLOGY OF N AMERI ANTHR 515 3 CREDITS
Prereq: ANTH 202
Note: Meets U.S. diversity reqmt

ETHNOGRAPHIC METHODS ANTHR 531 3 CREDITS
Prereq: ANTH 420
Note: Course is for junior majors, non-majors by permission of the instructor.

GRAD INDEPENDENT ANTHR 590 1-4 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Instructor permission required 1st week.

FOUND SUSTAINABLE AG ANTHR 610 3 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Course is for junior majors, non-majors by permission of the instructor.

RESEARCH ANTHR 699 VAR. CREDITS
Note: Instructor permission required 1st week.

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

PROFESS DEVELOPMENT AESHM 111X 1 CREDIT
Prereq: CONCURRENT WITH AESHM 112

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

1107005 1 ARRANGED
MEETS: AUG 23-DEC 17

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

1113005 1 ARRANGED
MEETS: AUG 23-DEC 17

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

1125005 1 ARRANGED
MEETS: OCT 18-DEC 17

LDRSHIP EXPRN&DVELO AESHM 211 3 CREDITS
9596005 1 MW 11:00-2:00, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

HUMAN RESOURCE MGMT AESHM 238 3 CREDITS
Prereq: A M D 275 OR AESHM 270, OR CREDIT IN AESHM 287, OR INSTRUCTOR PERMISSION
Note: COURSE RESTRICTED TO A M D, EVENT OR HSP M MAJORS ONLY

2923005 1 MW 12:05-2:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SUP VRK EXP II:HSFY AESHM 270D 1-2 CREDITS
Prereq: 6 CREDITS IN AESHM OR HSP M, CREDITS IN AESHM 270, MINIMUM 2.0 GPA, ADVISOR PERMISSION REQUIRED, SOLOMORE CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARDS GRADUATION
Instructor permission required.

1132005 1 ARRANGED
MEETS: AUG 23-DEC 17

SUP VRK EXP II:EVNT AESHM 270F 1-2 CREDITS
Prereq: 6 CREDITS IN AESHM OR HSP M, CREDITS IN AESHM 270, MINIMUM 2.0 GPA, ADVISOR PERMISSION REQUIRED, SOLOMORE CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARDS GRADUATION
Instructor permission required.

1203005 1 ARRANGED
MEETS: AUG 23-DEC 17

SUP VRK EXP II:APPAR AESHM 270N 1-2 CREDITS
Prereq: MINIMUM 2.0 GPA, ADVISOR PERMISSION REQUIRED, SOLOMORE CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARDS GRADUATION
Instructor permission required.

1270005 1 ARRANGED
MEETS: AUG 23-DEC 17

PRIN MGMT HUMAN SCI AESHM 287 3 CREDITS
Note: CREDIT IN HRI 391 OR AESHM 438, BUT NOT 391 IN COMBINATION WITH EITHER 287 OR 438, MAY BE APPLIED TOWARDS GRADUATION.
4608005 1 MW 11:00-1:50
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

Orient, Career, L COM AESHM 111L 1 CREDIT
Prereq: CONCURRENT ENROLLMENT OR CREDIT IN AESHM 112 AND AESHM 111

0654005 1 M 8:30-9:40, ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO A M D FRESHMAN ONLY
Course delivery is On-site instruction

0654010 1 W 8:30-9:40, ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 2 RESTRICTED TO A M D FRESHMAN ONLY
Course delivery is On-site instruction

0654015 3 F 8:30-9:40, ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 3 RESTRICTED TO A M D MAJORS ONLY
Course delivery is On-site instruction

0654020 4 W 11:00-11:50
ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 4 RESTRICTED TO HSP M AND EVENT FRESHMAN ONLY
Course delivery is On-site instruction

0654025 5 M 2:15-3:05, ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 5 RESTRICTED TO HSP M AND EVENT MAJORS ONLY
Course delivery is On-site instruction
FALL 2021

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

SEM CAREERS: EVENT MGT AESHM 311E 1 CREDIT
Prereq: AESHM 113E, SOFOMORE CLASSIFICATION
Note: Course restricted to event, hsp m majors
1517005 1 M 11:00-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SEM CAREERS: APPAREL AESHM 311N 1 CREDIT
Prereq: AESHM 113N, SOFOMORE CLASSIFICATION
Note: Meets U.S. diversity reqgm
1624005 1 W 4:25-5:15
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO A M D MAJORS
Course delivery is On-site instruction

HSPTY&APPARL MARKTG AESHM 340 3 CREDITS
Prereq: ECON 101
2921705 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

AESTHCTS CNSMR EXPC AESHM 342 3 CREDITS
Prereq: SOFOMORE CLASSIFICATION
Note: Meets international perspectives reqgm
4609005 1 WRF 3:20-4:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

COOPERATIVE EDUCAT AESHM 398 R CREDIT
Prereq: PERMISSION OF ADVISOR; JR CLASSIFICATION
1002005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED HSP M MAJORS ONLY
1002010 2 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 2 RESTRICTED TO EVENT, HSP M MAJORS ONLY
1002015 3 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 3 RESTRICTED TO A M D MAJORS ONLY
1002020 4 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 4 FOR STUDENTS GOING TO DISNEY

DEV GLOBAL LEADERSHIP AESHM 421 3 CREDITS
Note: SEC A 1 RESTRICTED TO EVENT, HSP M MAJORS.
Note: SEC A 2 RESTRICTED MAJORS OTHER THAN EVENT, HSP M
Meets international perspectives reqgm
4611005 A1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4611010 A2 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTERNSHIP EVENT MGT AESHM 470F 3- 6 CREDITS
Prereq: PERMISSION BY APPLICATION; JUNIOR CLASSIFICATION
Note: No more than 12 credits total from AESHM 170, AESHM 270, and AESHM 470 may be applied toward graduation. Restricted to event juniors and seniors. Maximum of 6 credits given in a semester.
****** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP APPAREL AESHM 470N 3- 6 CREDITS
Prereq: A M D 131, 9 CREDITS IN A M D, MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; EMPLOYER/LOCATION SHOULD BE DIFFERENT THAN EMPLOYER/LOCATION USED FOR AESHM 170 AND 270.
Note: No more than 12 credits total from AESHM 170, AESHM 270, and AESHM 470 may be applied toward graduation.
****** SEE DEPT FOR REFERENCE NUMBERS

FASHION SHOW MGT AESHM 472 2- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: No more than 5 credits of AESHM 472 may be applied toward graduation.
1872005 1 ARRANGED
MEETS: OCT 18-DEC 17
Note: SEC 1 OFFERED FOR 2 CREDITS
Instructor permission required. Course delivery is On-site instruction

ENTREPRNR HUMAN SCI AESHM 474 3 CREDITS
Prereq: A M D 275 OR AESHM 287 OR ACCT 284 OR 3 CREDITS IN MKT OR PERMISSION OF INSTRUCTOR
1618005 1 TR 6:30-7:15PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $60.00

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

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

INTR SCHOLARLY RSCH AESHM 501X 1 CREDIT
Satisfactory-Fail Only.
0738005 1 ARRANGED
MEETS: AUG 23-OCT 15
Note: Course delivery is WWW

PRACTCM APPAR MCHDS AESHM 570A 1- 3 CREDITS
Prereq: 6 GRAD CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION
6660005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Instructor permission required.

PRACTCM HSPILTY MGT AESHM 570B 1- 3 CREDITS
Prereq: 6 GRAD CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION
1509005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Instructor permission required.

ENTREPRNR HUMAN SCI AESHM 574 3 CREDITS
Prereq: A M D 275 OR AESHM 287 OR ACCT 284 OR 3 CREDITS IN MKT OR PERMISSION OF INSTRUCTOR
4895005 1 F 10:40-4:00
MEETS: AUG 23-DEC 17
Note: SEC 1 WILL BE SYNCHRONOUSLY VIDEOSTREAMED TO HYBRID STUDENTS
Course delivery is Hybrid (Online and F2F)
Materials, field trips &/or travel fee $60.00

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

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

APPAREL, MERCHANDISING, AND DESIGN

APPARL ASSEMBL PROC A M D 121 4 CREDITS
Prereq: ENROLLMENT IN A M D 204 RECOMMENDED
6602005 1 TR 9:00-10:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $160.00

FASHION PRODCTS&MKT A M D 131 3 CREDITS
8338005 1 M 9:55-10:45, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

8338010 2 W 9:55-10:45, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

8338015 3 F 9:35-10:14, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

DRESS&DIVRSTY SOCIE A M D 165 3 CREDITS
Note: Meets U.S. diversity reqgm
6603005 1 TR 3:40-4:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTR APPRL DSN TDO A M D 178 3 CREDITS
Note: COURSE RESTRICTED TO A M D MAJORS ONLY
8923005 1 ARRANGED, TR 6:30-7:15PM
MEETS: AUG 23-DEC 17
Note: COURSE RESTRICTED TO A M D MAJORS ONLY

TEXTILE SCIENCE A M D 204 4 CREDITS
Prereq: A M D 131
6604005 1 TR 2:10-3:25
MEETS: AUG 23-DEC 17
Materials fee $25.00

6604010 2 TR 2:10-3:25
W 1:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $25.00

6604015 3 TR 2:10-3:25
F 3:30-5:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $25.00

******* SEE DEPT FOR REFERENCE NUMBERS
FALL 2021

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

HONORS TEXTILE SCI A M D 204H 4 CREDITS
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY

7590005 1 TR 2:10-3:25
F 1:10-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $25.00

7590010 2 TR 2:10-3:25
W 1:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $25.00

CPR APP DIGIT DSGN A M D 210 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN A M D 245; AESHM 113N
Note: COURSE RESTRICTED TO A M D MAJORS ONLY

5087005 1 R 1:10-3:00, ARRANGED
Note: Course delivery is WWW

5087010 2 T 3:40-5:30, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

PATTERNMAK I: DRTFT&FL A M D 225 3 CREDITS
Prereq: A M D 121, A M D 204, A M D 206, PERMISSION OF INSTRUCTOR.
Note: COURSE RESTRICTED TO A M D MAJORS ONLY

6607005 1 MW 8:15-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $50.00

PRODUCT DEVELOP&MFG A M D 231 4 CREDITS
Prereq: A M D 204
Note: COURSE RESTRICTED TO A M D MAJORS ONLY

6608005 1 TR 3:40-4:55
W 11:00-12:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $30.00

6608010 2 TR 3:40-4:55
F 8:50-10:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $30.00

6608015 3 TR 3:40-4:55
F 11:00-12:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $30.00

AESTHETC&BRAND IMAG A M D 245 3 CREDITS
Prereq: A M D 131, A M D 165; CREDIT OR ENROLLMENT IN A M D 204
Note: COURSE RESTRICTED TO A M D MAJORS ONLY

6609005 1 WP 11:00-11:50
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO A M D MAJORS
Course delivery is On-site instruction

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

2853005 1 TR 12:10-2:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $40.00

FASHION ILLUSTRATN A M D 278 3 CREDITS
Prereq: A M D 178, A M D 210 OR CONCURRENT ENROLLMENT, A M D 245 OR CONCURRENT ENROLLMENT, PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO A M D MAJORS ONLY

6610005 1 WP 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $25.00

661010 2 WP 8:50-10:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $25.00

STYLING A M D 288X 3 CREDITS
Prereq: A M D 131, A M D 275

0799005 1 TR 12:40-1:55
ARRANGED
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction

0799010 2 TR 12:40-1:55
ARRANGED
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction

TEXTLAP QUAL ASSUR A M D 305 3 CREDITS
Prereq: A M D 211; ONE COURSE IN NATURAL SCIENCE (CHEMISTRY WITH LAB PREFERRED); STAT 121, OR STAT 252, OR STAT 587
Note: COURSE RESTRICTED TO A M D MAJORS ONLY

6614005 1 TR 12:10-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $75.00

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

CPR-AID PATTERNMAKING A M D 310 3 CREDITS
Prereq: A M D 210, A M D 225; PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO A M D MAJORS ONLY

1142005 1 MW 2:15-3:45, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $45.00

CPR INTEGRAT DSGN A M D 321 3 CREDITS
Prereq: A M D 210, A M D 225, PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO A M D MAJORS ONLY

7199005 1 MF 2:15-4:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $50.00

PATTERNMAK II: DRAPING A M D 325 3 CREDITS
Prereq: A M D 206, A M D 225, INSTRUCTOR PERMISSION
Note: COURSE RESTRICTED TO A M D MAJORS ONLY

7365005 1 MW 9:15-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $90.00

DIGITAL TEXTILE PRINTING A M D 329 3 CREDITS
Prereq: A M D 321, A M D 325 OR CONCURRENT.
PERMISSION OF INSTRUCTOR.
Note: COURSE RESTRICTED TO A M D MAJORS ONLY

HIST EURAN AM DRESS A M D 354 3 CREDITS
Prereq: 1 CREDITS FROM HISTORY OR ART HISTORY
Note: Meets international perspectives reqmt

6620005 1 T 3:40-4:55, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

HISTORY OF MEN'SWEAR A M D 366X 3 CREDITS
0744700 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SOURCNG&GLOBAL ISSU A M D 372 3 CREDITS
Prereq: A M D 211, A M D 275, RECOMMEND ECON 101 OR ECON 102.
Note: COURSE RESTRICTED TO A M D MAJORS ONLY
Meets international perspectives reqmt

8133005 1 MF 2:15-3:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

HONORS SOURCNG&GLOBAL ISSU A M D 372H 3 CREDITS
Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS PROGRAM MEMBERS ONLY
Meets international perspectives reqmt

6632005 1 MF 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MERCHANT PLAN & BUYING A M D 376 4 CREDITS
Prereq: A M D 275; COM S 113; 3 CREDITS FROM ACCT 284, MATH 104, MATH 140, MATH 150, OR EQUIVALENT.
Note: 'ARRANGED' IN THE TIME FIELD REPRESENTS WWW DELIVERY. OTHER TIMES WILL MEET IN CLASSROOMS.
COURSE RESTRICTED TO A M D MAJORS ONLY

6625005 1 TR 11:00-1:15
ARRANGED, T 2:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6625010 2 TR 11:00-1:15
ARRANGED, R 9:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

VISUAL PRESENTATION & PROMO A M D 377 3 CREDITS
Prereq: A M D 245 OR AESHM 342; A M D 210, AESHM 340 OR MGT 340

6626005 1 MF 12:00-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $40.00

TREND FORECASTING A M D 388X 3 CREDITS
Prereq: A M D 204, A M D 245, A M D 275, 3 CREDITS FROM ACCT 284, MATH 104, MATH 105, MATH 140, MATH 150, OR EQUIVALENT.

0798005 1 MF 7:45-9:40
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
ARABIC

ELEMENTARY ARABIC I ARABC 101 4 CREDITS
7437005 1 MTWR 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
7437010 2 MTWR 12:00-12:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

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

ARCHITECTURE

ARCHITCTRL DESIGN I ARCH 201 6 CREDITS
Prereq: COMPLETION OF THE PRE-PROFESSIONAL PROGRAM AND ADMISSION INTO THE PROFESSIONAL PROGRAM IN ARCHITECTURE
Note: COURSE RESTRICTED TO ARC MAJORS ONLY
1673005 1 F 3:20-5:30 LUETH P
MW 1:10-5:20
F 1:10-3:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$150.00

ARCHITCTRL DESIGN I 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 3:20-5:30 F 1:10-3:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$150.00

CONTEMP ARCHITECTR ARCH 220 3 CREDITS
Note: SEC A1 RESTRICTED TO ARC, ARCH MAJORS ONLY
SEC A2 FOR MAJORS OTHER THAN ARCH, ARCH
1858005 A1 TR 11:00-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

HIST PRE-MOD ARCHITC ARCH 221 3 CREDITS
Note: SEC A1 RESTRICTED TO ARCH, ARCH MAJORS ONLY
SEC A2 FOR MAJORS OTHER THAN ARCH, ARCH
Meets international perspectives reqmt
1675005 A1 MW 11:00-11:50 BOGDANOVIC J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Professional support fee $25.00
1675010 A2 MW 11:00-11:50 BOGDANOVIC J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Professional support fee $25.00

DSGN COMMUNICATNS I ARCH 230 3 CREDITS
Prereq: ADMISSION TO THE PROFESSIONAL PROGRAM IN ARCHITECTURE
Note: COURSE RESTRICTED TO ARC MAJORS ONLY
8980005 1 MW 9:55-10:45 SENSKY N
MW 11:00-11:50 SENSKY N
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ARCHITECT DESIGN III ARCH 301 6 CREDITS
Prereq: ARCH 202
Note: COURSE RESTRICTED TO ARCH MAJORS ONLY
FIELD TRIPS & TRAVEL FEE: $25.00 - $950.00
1681005 1 F 3:20-5:30 LUETH P
MW 1:10-5:20
F 1:10-3:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $25.00-$650.00

ARCHITECT DESIGN III ARCH 301H 6-7 CREDITS
Prereq: ARCH 202
Note: FOR ARC, ARCH MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
FIELD TRIPS & TRAVEL FEE: $25.00 - $950.00
8186005 1 F 3:20-5:30 MW 1:10-5:20 P 1:10-3:00 MEETS: AUG 23-DEC 17
Note: Instructor permission required.
Course delivery is On-site instruction
Materials, field trips &/or travel fee $25.00-$650.00

HISTORY AMERIC CITY ARCH 321 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity reqmt
1570005 1 TR 11:00-12:15 GLEESON A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

THREE-DIMENS STUDIO ARCH 335 3 CREDITS
1686005 1 TR 1:10-3:20 SHAO P
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

BLDG SCIENCE & TECH I ARCH 345 2 CREDITS
Prereq: ADMISSION TO THE PROFESSIONAL PROGRAM IN ARCHITECTURE; CONCURRENT ENROLLMENT IN ARCH 345L
8303005 1 TR 1:10-2:00 PASSE U
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

BLDG SCI & TECH I LAB ARCH 345L 1 CREDIT
Prereq: ADMISSION TO THE PROFESSIONAL PROGRAM IN ARCHITECTURE; CONCURRENT ENROLLMENT IN ARCH 345
8315005 1 TR 2:10-3:25 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ARCHITECT DESIGN V ARCH 401 6 CREDITS
Prereq: ARCH 202
Note: COURSE RESTRICTED TO ARC, ARCH MAJORS ONLY
1691005 1 MW 11:00-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $25.00-$950.00
1691010 2 MW 11:00-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $25.00-$950.00
1691015 3 MW 11:00-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $25.00-$950.00
1691020 4 MW 11:00-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $25.00-$950.00
1691025 5 MF 11:00-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ARCHITECT DESIGN V ARCH 401H 6-7 CREDITS
Prereq: ARCH 202
Note: FOR ARC, ARCH MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
8232005 1 MW 11:00-12:15 ARRANGED
MEETS: AUG 23-DEC 17
Note: Instructor permission required.
Course delivery is On-site instruction
Materials, field trips &/or travel fee $25.00-$950.00

ARCHITECT DESIGN V ARCH 401L 3 CREDITS
Prereq: ARCH 346, ARCH 346L
Note: Meets U.S. diversity reqmt
8272005 1 TR 2:10-3:25 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ARCHITECT DESIGN V ARCH 401L 2 CREDITS
Prereq: ARCH 346, ARCH 346L
8272700 2 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ARCHITECTU DESIGN V ARCH 401L 2 CREDITS
8281005 1 TR 3:40-5:30 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ARCHITECTURE (CONTINUED)

ARCHITECT DESIGN VII ARCH 403 6 CREDITS
Prereq: ARCH 402
Note: COURSE RESTRICTED TO ARCH MAJORS ONLY
FIELD TRIPS & TRAVEL FEE: $25.00 - $950.00
1693005 1 MW 1:10-5:20 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
FIELD TRIPS & TRAVEL FEE: $25.00 - $950.00
1693010 2 MW 1:10-5:20 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
FIELD TRIPS & TRAVEL FEE: $25.00 - $950.00
1693015 3 MW 1:10-5:20 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
FIELD TRIPS & TRAVEL FEE: $25.00 - $950.00

ARCHITECT DESIGN VII ARCH 403H 6 - 7 CREDITS
Prereq: ARCH 402
Note: RESTRICTED TO MEMBERS OF THE UNIV HONORS PROGRAM
8235005 1 MW 1:10-5:20 MEETS: AUG 23-DEC 17
Note: Instructor permission required.
Course delivery is On-site instruction
FIELD TRIPS & TRAVEL FEE: $25.00 - $950.00
0025005 1 MW 8:50-10:10 LESLIE T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
20TH CENT CONT ARCH ARCH 425 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: NO MORE THAN 6 CREDITS OF ARCH 425 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
1699005 1 MW 9:55-11:15 KULIC V
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

DIGITAL FABRICATION ARCH 433 3 CREDITS
Prereq: ARCH 231 AND ARCH 301
3852005 1 MW 9:55-11:15 DOYLE S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Bldg Science & Technology I ARCH 445 2 CREDITS
Prereq: ARCH 493
1630005 1 MW 8:50-9:40 PASSE U
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Bldg Science & Technology II ARCH 445L 1 CREDIT
8294005 1 F 8:50-10:40 BADDING E
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Professional Practice ARCH 482 3 CREDITS
Prereq: JUNIOR CLASSIFICATION AND ARCH 371
1712005 1 TR 3:40-5:20 SOBIICH M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

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

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

Ind Study Techn Syst ARCH 490C 1 - 9 CREDITS
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

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

ARCHITECTURE (CONTINUED)

Ind Study Behav Std ARCH 490E 1-9 CREDITS
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

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

Indep Study Honors ARCH 490H 1 - 9 CREDITS
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

Architectural Design Media I ARCH 505 5 CREDITS
Prereq: ADMISSION TO THE MARCH PROGRAM.
Concurrent enrollment in ARCH 545, ARCH 545L AND ARCH 595.
7757005 1 MW 1:10-5:20 GLEESON A
F 1:10-3:30 GLEESON A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
FIELD TRIPS & TRAVEL FEE: $25.00-$750.00

Big Tall: Const Hist ARCH 517 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: COURSE RESTRICTED TO ARCH, ARCH MAJORS ONLY
9838005 1 MW 8:50-10:10 LESLIE T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Urbanism in Film ARCH 521 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
8296005 1 R 7:00-9:30 GLEESON A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Complex Adaptive Sys. Th ARCH 522 3 CREDITS
Prereq: GRADUATE OR SENIOR CLASSIFICATION
0061005 1 T 6:10-9:00 WOHL S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Top Stdn Arch & Cult Arch ARCH 528A 2 - 3 CREDITS
Prereq: ARCH 220, ARCH 221, ARCH 322 OR SENIOR CLASSIFICATION OR GRADUATE STANDING
1731005 1 R 8:50-10:00 SQUIRE M
MEETS: AUG 23-DEC 17
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2021
1731010 2 T 12:40-3:30 KULIC V
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1731015 3 R 2:10-5:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Topcl Stdn Practice ARCH 528E 2 -3 CREDITS
1331005 1 TR 9:10-10:50 ZARECOR K
MEETS: AUG 23-DEC 17
Note: SEC 1 OFFERED FOR 3 CREDITS
Course delivery is On-site instruction

Regimes of Perception ARCH 540 3 CREDITS
0741005 1 W 6:10-9:00 EDLM F
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Bldg Science & Technology I ARCH 545 2 CREDITS
Prereq: ADMISSION TO THE PROFESSIONAL PROGRAM IN ARCHITECTURE. CONCURRENT ENROLLMENT IN ARCH 345L.
8307005 1 TR 1:10-2:00 PASSE U
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Bldg Science & Technology II ARCH 545L 2 CREDITS
Prereq: ADMISSION TO THE MARCH PROGRAM AND CONCURRENT ENROLLMENT IN ARCH 505 AND ARCH 595;
CONCURRENT ENROLLMENT IN ARCH 545.
8486005 1 TR 2:10-5:00 IYANALU A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
8486005 2 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
8486005 3 T 2:10-5:00 IYANALU A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Bldg Science & Technology III ARCH 547 3 CREDITS
Prereq: ADMISSION TO THE MARCH PROGRAM AND CONCURRENT ENROLLMENT IN ARCH 346L.
ARCH 547L, CONCURRENT ENROLLMENT IN ARCH 547L.
8278005 1 TR 1:10-3:25 PASSE U
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
8278005 2 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ARCHITECTURE (CONTINUED)

BDLG SCIATC III LAB ARCH 547L 1 CREDIT
Prereq: ARCH 506, ARCH 546, ARCH 546L, AND ARCH 596 OR ADVANCED STANDING IN THE M.S. ARCH PROGRAM; CONCURRENT ENROLLMENT IN ARCH 547 AND ARCH 601
8501005 1 T 9:35-11:45 IYANALU A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
8501700 2 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
SUSTAINBT&GREEN ARC ARCH 558 3 CREDITS
Prereq: GRADUATE OR SENIOR CLASSIFICATION
1747005 1 TR 11:00-12:15 WHEELER A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
HISTORIC PRESERVATN ARCH 568 3 CREDITS
Prereq: SENIOR CLASSIFICATION
2043005 1 T 9:20-10:50 OSTERBERG A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
DSGN FOR ALL PEOPLE ARCH 571 3 CREDITS
Prereq: GRADUATE OR SENIOR CLASSIFICATION
Note: Meets U.S. diversity reqmt
4714005 1 TR 11:00-12:15 OSTERBERG A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
PROFESSIONAL PRACTICE ARCH 582 3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND ARCH 571
1755005 1 TR 3:30-5:20 SOBIECH M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
SPECIAL TOPICS - ARCH 590 1-5 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON APPROVED FORM
Note: SEE DEPT FOR REFERENCE NUMBERS
**SEM BUILT ENVIR I - ARCH 595 5 CREDITS**
Prereq: ADMISSION TO THE M. ARCH. PROGRAM; CONCURRENT ENROLLMENT IN ARCH 505, ARCH 545, AND ARCH 546
7773005 1 MW 8:20-10:30 BOGDANOVIC J
Note: Course delivery is On-site instruction
**SEM BUILT ENV II - ARCH 597 3 CREDITS**
Prereq: GRADUATE OR SENIOR CLASSIFICATION
7120005 1 MW 9:55-11:15 SPENCER D
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1720700 2 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
SUSTNBL BLDG DESIGN ARCH 601 6 CREDITS
Prereq: ARCH 507, ARCH 546, ARCH 546L, ARCH 596; CONCURRENT ENROLLMENT IN ARCH 547 AND ARCH 547L
Note: COURSE RESTRICTED TO ARCH MAJORS ONLY
1759005 1 MW 1:10-2:00 WHITEHEAD R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$850.00
1759700 2 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
Field trips & travel fee $25.00-$850.00
INTEGRATIVE DESIGN ARCH 603 5 CREDITS
Prereq: ARCH 602, ARCH 548 AND ARCH 548L
Note: COURSE RESTRICTED TO ARCH MAJORS ONLY
1761005 1 MW 1:10-2:00 NAUS A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$850.00
INDEP DESIGN STUDY ARCH 690 6 CREDITS
Prereq: ADMISSION TO THE M. S. IN ARCH. PROGRAM
Note: Department permission required.
***** SEE DEPT FOR REFERENCE NUMBERS
GRADUATE SEMINAR ARCH 698 R CREDIT
Prereq: ADMISSION TO THE M. ARCH. OR M. S. IN ARCH. PROGRAM AND GRADUATE BLOCKED IN ENROLLING IN ARCH 698
1749005 1 T 12:40-1:55 SPENCER D
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
RESEARCH ARCH 699 1-9 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ART EDUCATION

METHODS TEACHING ART ARTED 209 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
7797005 1 TR 10:00-11:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $30.00
7797010 2 TR 1:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $30.00
7797015 3 TR 3:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $30.00
7797020 4 MW 9:55-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $30.00

INTRO TO ART EDUC ARTED 211 3 CREDITS
Prereq: SOPHOMORE LEVEL
Note: SEC A, B, RESTRICTED TO ART MAJORS
7173005 A1 MW 2:15-5:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $40.00
7173010 A2 MW 2:15-5:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $40.00
7173015 B1 TR 9:30-12:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $40.00

INDEPENDENT STUDY ARTED 490 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ART HISTORY

HISTORY OF ART I ART H 280 3 CREDITS
MEETS: Meets international perspectives reqmt
1790005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
Professional support fee $25.00
GREEK & ROMAN ART ART H 383 3 CREDITS
Note: Instructor permission required 1st week.
1826005 1 MF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ART OF ISLAM ART H 384 3 CREDITS
Note: Meets international perspectives reqmt
2613005 1 MF 11:00-12:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
MODERN ART & THEORY ART H 388 3 CREDITS
Note: Instructor permission required 1st week.
1145005 1 TR 9:30-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
HIST OF PHOTOGRAPHY ART H 396 3 CREDITS
Note: Instructor permission required 1st week.
1209005 1 TR 11:00-12:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Professional support fee $25.00

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

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

ART HIST IN EUROPE ART H 492 3 CREDITS
Prereq: ART H 491 OR EQUIVALENT; INSTRUCTOR PERMISSION
Note: Meets international perspectives reqmt
6634005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
### ASTRONOMY & ASTROPHYSICS

**NORTH STAR ASTRONOMY**  
ASTRO 102  1 CREDIT  
Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION  
8059700  1 ARRANGED  
MEETS: AUG 23-DEC 17  
Note: Course delivery is WWW

**EVENING STAR**  
ASTRO 103  1 CREDIT  
Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION  
8260700  1 ARRANGED  
MEETS: AUG 23-DEC 17  
Note: Course delivery is WWW

**SKY & SOLAR SYSTEM**  
ASTRO 120  3 CREDITS  
Note: 2-PART COURSE. REGISTER FOR A DISCUSSION SECTION (NUMBERED SECTIONS 1-7) FIRST AND THEN A LECTURE (SECTIONS A OR B). STUDENTS WHO DON'T REGISTER FOR BOTH DISCUSSION AND LECTURE SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION. STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION. Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.  
1951005  1 F 8:50-9:40  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**STARS,GALAXIES& COSM**  
ASTRO 150  3 CREDITS  
1952005  1 TR 2:10-3:00  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

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

**VISUAL STUDIES SEM**  
ART H 499  4 CREDITS  
4684005  1 ARRANGED  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**ISS VISUALMTRL SEM**  
ART H 501  3 CREDITS  
1892005  1 R 5:30-8:30PM  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**ASTRONOMY LAB**  
ASTRO 344L  3 CREDITS  
8739005  1 MWF 2:15-3:05  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

### ATHLETIC TRAINING

**ORIE ATHL TRN EXPRC**  
A TR 218  0.5 CREDIT  
5297005  1 M 12:00-1:10  
MEETS: AUG 23-OCT 15  
Note: Course delivery is On-site instruction

**WOMEN/GENDER IN ART**  
ART H 494  3 CREDITS  
Note: Meets U.S. diversity reqmt  
1210005  1 TR 2:10-3:30  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
Professional support fee $25.00

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

**VISUAL STUDIES SEM**  
ART H 499  4 CREDITS  
4684005  1 ARRANGED  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**ISS VISUALMTRL SEM**  
ART H 501  3 CREDITS  
1892005  1 R 5:30-8:30PM  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**ASTRONOMY LAB**  
ASTRO 344L  3 CREDITS  
8739005  1 MWF 2:15-3:05  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**RESEARCH**  
ASTRO 699  3 CREDITS  
1955005  1 W 12:05-12:55  
ARRANGED  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
Equipment use fee $50.00

### UNDERGRAD RESEARCH**

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

**UNDERGRAD RESEARCH**  
ASTRO 450L  1-6 CREDITS  
Prereq: ASTRO 344L AND PERMISSION OF INSTRUCTOR  
**SEE DEPT FOR REFERENCE NUMBERS**

**INDEPENDENT STUDY**  
ASTRO 490  1-4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
**SEE DEPT FOR REFERENCE NUMBERS**

**INDEPENDENT STUDY**  
ASTRO 490H  1-4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE APPLIED TOWARD GRADUATION  
**SEE DEPT FOR REFERENCE NUMBERS**

**HONORS INDEP STUDY**  
ASTRO 490H  1-4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM  
Note: NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY.  
**SEE DEPT FOR REFERENCE NUMBERS**

**STELLAR ASTROPHYSICS**  
ASTRO 580  3 CREDITS  
1966005  1 TR 12:40-2:00  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**HIGH ENRGY ASTROPHYSICS**  
ASTRO 592  3 CREDITS  
1944005  1 ARRANGED  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**SPECIAL TOPICS**  
ASTRO 590  VAR. CREDITS  
Prereq: GRADUATE CLASSIFICATION; WRITTEN APPROVAL OF INSTRUCTOR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.  
Satisfactory-Fail Only.  
**SEE DEPT FOR REFERENCE NUMBERS**

**INDEPENDENT STUDY**  
ASTRO 999  VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
**SEE DEPT FOR REFERENCE NUMBERS**

**CREATIVE COMPONENT**  
ASTRO 599  VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
**SEE DEPT FOR REFERENCE NUMBERS**

**ADVANCED SEMINAR**  
ASTRO 650  1 CREDIT  
1970005  1 F 4:25-6:15PM  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**RESEARCH**  
ASTRO 699  VAR. CREDITS  
1955005  1 W 12:05-12:55  
ARRANGED  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
Equipment use fee $50.00

### ATHLETIC TRAINING

**ORIE ATHL TRN EXPRC**  
A TR 218  0.5 CREDIT  
5297005  1 M 12:00-1:10  
MEETS: AUG 23-OCT 15  
Note: Course delivery is On-site instruction
ATHLETIC TRAINING (CONTINUED)

BASIC ATHLETIC TRAIN A TR 220 2 CREDITS
Prereq: BIOL 155 OR BIOL 255 AND BIOL 256
Note: SEC A1, RESTRICTED TO P ATR, D EXA, KIN 4, PDEXA, PDXM MAJORS. SEC A2, A3
RESTRICTED TO MAJORS OTHER THAN
A TR, D EXA, KIN 5, P ATR, PDEXA, PDXM MAJORS. SEC A2 RESTRICTED TO
A TR & P ATR.
Instructor permission required 1st week.
5729005 A1 M 7:45-8:35 DRENTH J
W 8:00-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $100.00
5729010 A2 M 7:45-8:35 DRENTH J
W 8:00-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $100.00
5729015 A3 M 7:45-8:35 T 8:00-9:35 DRENTH J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $100.00
5729020 B1 M 7:45-8:35 DRENTH J
R 8:00-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $100.00
5729025 B2 M 7:45-8:35 DRENTH J
R 8:00-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $100.00

PRE-ATH TRAIN PRACT A TR 221 1 CREDIT
Prereq: PERMISSION OF HEAD COACH
Note: COURSE RESTRICTED TO P ATR MAJORS ONLY
Satisfactory-Fail Only.
6654005 1 ARRANGED DRENTH J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRESN CLIN EXP PRACT A TR 223 1 CREDIT
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
Note: COURSE RESTRICTED TO P ATR MAJORS ONLY
Satisfactory-Fail Only.
7395005 1 ARRANGED BRIGHAM Z
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

BAS ORTH ASSESS&EVAL A TR 228 2 CREDITS
Prereq: BIOL 255, BIOL 255L, BIOL 256, BIOL 256L,
PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR.
0383005 1 TR 8:00-9:20
MEETS: AUG 23-DEC 17
Note: SECTION 1 RESTRICTED TO P ATR MAJORS
Course delivery is On-site instruction

CLIN PRACTM A TR 229 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN A TR 228,
PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR.
Satisfactory-Fail Only.
0530005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: SECTION 1 RESTRICTED TO P ATR MAJORS

THERA MOD&CLN INTV A TR 505 3 CREDITS
Prereq: A TR 502, A TR 520, ACCEPTANCE INTO
ATHLETIC TRAINING PROGRAM
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
0357005 1 WF 9:55-11:25 WEESNER T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

EVAL METH&TRG LOWER A TR 510 3 CREDITS
Prereq: A TR 502, A TR 520, ACCEPTANCE INTO
ATHLETIC TRAINING PROGRAM
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
0358005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CLINICAL EDUCATN II A TR 519 3 CREDITS
Prereq: A TR 510, A TR 521, ACCEPTANCE INTO
ATHLETIC TRAINING PROGRAM
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
Satisfactory-Fail Only.
0361005 1 ARRANGED PEEL S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SEM B:DIAG IMAG&LAB A TR 521 1 CREDIT
Prereq: A TR 502, A TR 520, ACCEPTANCE INTO
ATHLETIC TRAINING PROGRAM
Note: COURSE RESTRICTED TO A TR MAJORS ONLY
0362005 1 W 12:10-1:00 MEIER M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ATHLETICS

INTERCOL CROSS CTRY ATH 101D 1 CREDIT
Prereq: PERMISSION OF HEAD COACH
Note: W4M. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
Instructor permission required.
1976005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTERCOL FOOTBALL ATH 101F 1 CREDIT
Prereq: PERMISSION OF HEAD COACH
Note: M4M. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
Instructor permission required.
1978005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTERCOLVolleyball ATH 101R 1 CREDIT
Prereq: PERMISSION OF HEAD COACH
Note: W4M. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
Instructor permission required.
1989005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTERCOLLEGIAT GOLF ATH 101I 1 CREDIT
Prereq: PERMISSION OF HEAD COACH
Note: W4M. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
Instructor permission required.
1991005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTERCOLLEG SOCCER ATH 101U 1 CREDIT
Prereq: PERMISSION OF HEAD COACH
Note: W4M. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
Instructor permission required.
3628005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PHARMACOLOGICAL ISSUES A TR 550 2 CREDITS
Prereq: A TR 522, A TR 545, ACCEPTANCE INTO
ATHLETIC TRAINING PROGRAM
0369005 1 WF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CLINICAL EDUCATION V A TR 559 5 CREDITS
Satisfactory-Fail Only.
0386005 1 ARRANGED
MEETS: AUG 23-DEC 17

INJ INTV, REHAB, CARE A TR 570 3 CREDITS
Prereq: A TR 515, A TR 550, A TR 560 AND
ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM
03880005 1 TR 11:00-12:20 MEIER M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
INTRO BIOCHEMISTRY BBMB 101 1 CREDIT
Prereq: None
PREREQUISITES:
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
2996005 1 R 12:10-1:00 UNDERBAKKE E
Note: Materials and equipment use fee $150.00

BIOCHEMISTRY OF BEER BBMB 120 2 CREDITS
Prereq: CHEM 323 or equivalent
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
8418005 1 TR 11:00-11:50 NELSON S
Note: Course delivery is On-site instruction

SURVEY OF BIOCHEM BBMB 301 3 CREDITS
Prereq: CHEM 231 or equivalent
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
1998005 1 MWF 9:55-10:45 ROCHE J
Note: Course delivery is On-site instruction

BIOCHEMICAL PROCESSES BBMB 221 3 CREDITS
Prereq: CHEM 163, CHEM 167, or CHEM 177
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
1999005 1 MWF 11:00-11:50
Note: Course delivery is On-site instruction

EXPRMTL RSRCH SKLS BBMB 312 2 CREDITS
Prereq: BBMB 101; CREDIT OR CONCURRENT ENROLLMENT IN CHEM 178 OR CHEM 201
MEETS: AUG 23-DEC 17
0041005 1 TR 11:00-11:50 DISPIRITO A
Note: Course delivery is On-site instruction

BIOCHEMISTRY I BBMB 101 1 CREDIT
Prereq: CHEM 331
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9022700 1 R 11:00-11:50 SASHITAL D
Note: Course delivery is On-site instruction

BIOENERGETICS 4METAB BBMB 505 2 CREDITS
Prereq: CHEM 211, CHEM 332. A COURSE IN BIOCHEMISTRY IS STRONGLY RECOMMENDED.
MEETS: AUG 23-DEC 17
4890005 1 M 12:05-1:55 MYERS A
Note: Course delivery is On-site instruction
INTRODUCTORY BIOL  101  3 CREDITS
Note: CREDIT IN BIOL 101 MAY NOT BE APPLIED
TOWARD BIOL MAJOR GRADUATION REQUIREMENTS
2064005 1 MWF 9:55-10:45 HENDERSON E
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
2064700 2 ARRANGED PLEASANTS J
Note: Course delivery is WWW
MEETS: OCT 18-DEC 17
2064705 3 ARRANGED PLEASANTS J
Note: Course delivery is WWW
MEETS: AUG 23-DEC 17
BIOL MAJOR ORIENTN  110  1 CREDIT
Note: COURSE RESTRICTED TO BIOL BIOLA MAJORS
ENTERING ISU SUMMER 2021 OR FALL 2021
Satisfactory-Fail Only.
2063005 A M 4:25-5:15 WEHNER S
Note: Course delivery is On-site instruction
MEETS: AUG 23-OCT 15
2063010 B T 4:25-5:15 WEHNER S
Note: Course delivery is On-site instruction
MEETS: AUG 23-OCT 15
2063015 C W 4:25-5:15 WEHNER S
Note: Course delivery is On-site instruction
MEETS: AUG 23-OCT 15
2063100 1 W 12:05-12:55
Note: Course delivery is On-site instruction
MEETS: AUG 23-OCT 15
2063105 2 W 1:10-2:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-OCT 15
2063110 3 W 2:15-3:05
Note: Course delivery is On-site instruction
MEETS: AUG 23-OCT 15
2063120 4 W 3:20-4:10
Note: Course delivery is On-site instruction
MEETS: AUG 23-OCT 15
2063125 5 W 4:25-5:15
Note: Course delivery is On-site instruction
MEETS: AUG 23-OCT 15
2063130 6 R 2:10-3:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-OCT 15
2063135 7 R 3:10-4:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-OCT 15
2063140 8 R 4:10-5:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-OCT 15
2063145 9 R 5:10-6:00PM
Note: Course delivery is On-site instruction
MEETS: AUG 23-OCT 15
ORIENT TRANSFR STDT  112  1 CREDIT
Note: COURSE RESTRICTED TO BIOL BIOLA MAJORS ONLY
Satisfactory-Fail Only.
8242005 1 ARRANGED KAPLER E
Note: Course delivery is WWW
MEETS: AUG 23-OCT 15
PRIN BIOLOGY LAB I  211L  1 CREDIT
FALL   2021
9470005 1 T 8:00-10:50
Note: SEC 1 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470010 2 T 11:00-1:50
Note: SEC 2 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470015 3 T 2:10-5:00
Note: SEC 3 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470020 4 W 7:15-10:15
Note: SEC 4 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470025 5 W 11:00-1:50
Note: SEC 5 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470030 6 W 2:15-5:05
Note: SEC 6 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470035 7 R 8:00-10:50
Note: SEC 7 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470040 8 R 11:00-1:50
Note: SEC 8 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470045 9 R 2:10-5:00
Note: SEC 9 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470050 10 F 7:45-10:35
Note: SEC 10 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470055 11 F 11:00-1:50
Note: SEC 11 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470060 12 T 8:00-10:50
Note: SEC 12 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470065 13 T 11:00-1:50
Note: SEC 13 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470070 14 T 2:10-5:00
Note: SEC 14 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470075 15 W 7:45-10:35
Note: SEC 15 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470080 16 W 11:00-1:50
Note: SEC 16 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470085 17 W 2:15-5:05
Note: SEC 17 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470090 18 R 8:00-10:50
Note: SEC 18 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9470095 19 R 11:00-1:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
Materials fee $110.00
PRIN BIOLOGY I  211  3 CREDITS
Prereq: HIGH SCHOOL BIOLOGY
9468005 1 TR 3:40-10:15 HEATH T
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9468010 2 MWF 2:15-4:45 STEWART T
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9468015 3 MWF 3:20-4:10 BOURY N
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9468020 4 MWF 8:50-9:40 BIEDERMAN L
Note: SEC 4 RESTRICTED TO BIOL, BIOLA MAJORS ONLY
MEETS: AUG 23-DEC 17
Materials fee $110.00
9468025 5 MWF 8:50-9:40 BIEDERMAN L
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
9468700 6 ARRANGED PLEASANTS J
Note: Course delivery is WWW
MEETS: AUG 23-DEC 17
FUND HUMAN ANAT LAB  BIOL 255L  1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN BIOL 255
Note: CREDIT IN BIOL 255 MAY NOT BE APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
6342005  1 T 9:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342010  2 T 9:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342015  3 T 9:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342020  4 T 12:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342025  5 T 12:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342030  6 T 12:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
Note: Course delivery is On-site instruction
6342035  7 T 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342040  8 T 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342045  9 T 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342050  10 W 8:50-11:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342055  11 W 8:50-11:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342060  12 W 8:50-11:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342065  13 W 12:05-2:55
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342070  14 W 12:05-2:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342075  15 W 12:05-2:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342080  16 W 3:20-6:10PM
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342085  17 W 3:20-6:10PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342090  18 W 3:20-6:10PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342095  19 R 9:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342100  20 R 9:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342105  21 R 12:10-3:00
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342110  22 R 12:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342115  23 R 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342120  24 R 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00
6342125  25 R 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $90.00

ECOLOGY
BIO 312  4 CREDITS
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC AND A LAB SEC, OR REGISTER BOTH SECS TO INCOMPLETE REGISTRATION.
2069001  A TR 8:00-9:15
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069004  B TR 8:00-9:15
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069005  1 M 7:45-10:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069010  2 M 8:50-11:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069015  3 M 11:00-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069020  4 M 12:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069030  6 M 3:20-6:10PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069040  7 T 10:00-12:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069045  8 T 12:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069050  9 T 1:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069055  10 T 8:50-11:40PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069060  11 W 7:45-10:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069065  12 W 8:50-11:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069070  13 W 12:10-3:00
MEETS: AUG 23-DEC 17
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Materials, field trips $90.00
2069075  14 W 12:10-3:00
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Materials, field trips $90.00
2069080  15 W 2:15-5:00
MEETS: AUG 23-DEC 17
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Materials, field trips $90.00
2069085  16 W 3:20-6:10PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069090  17 R 10:00-12:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069095  18 R 12:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069100  19 R 1:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069105  20 R 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069110  21 R 8:50-11:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069115  22 R 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00
2069120  23 R 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $90.00

ECONOMICS SCIENCE BIOL 370 1-6 CREDITS
Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL SCIENCES
Satisfactory-Fail Only.
9445005 1 ARRANGED LU C
MEETS: AUG 23-DEC 17
Note: Instructor permission required.
9445010 2 ARRANGED LU C
MEETS: AUG 23-DEC 17
Note: SEC 2 OFFERED FOR 3 CREDITS.
Course delivery is On-site instruction
ECOLOGICAL METHODS BIOL 371 3 CREDITS
Prereq: A ECL 312; STAT 101 OR STAT 104
1541005 1 MW 12:05-12:55
R 11:00-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $45.00
1541010 2 MW 12:05-12:55
T 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $45.00
INTRO ENVIRONMENTAL SYSTEMS BIOL 381 3-4 CREDITS
Prereq: 12 CREDITS OF NATURAL SCIENCE INCLUDING BIOLOGY AND CHEMISTRY
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2021.
SEC 1A, 2A, ETC. RESTRICTED TO ENSCA, ENMSC MAJORS
ONLY, SEC 1B, ET C. RESTRICTED TO MAJORS OTHER THAN ENSCA, ENMSC.
1093005 A1 ARRANGED CRUMPTON W
TR 11:00-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1093010 A2 ARRANGED CRUMPTON W
TR 11:00-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1093015 B1 ARRANGED, TR 1:10-4:00 CRUMPTON W
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1093020 B2 ARRANGED, TR 1:10-4:00 CRUMPTON W
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1093025 C1 ARRANGED, TR 3:10-5:00 CRUMPTON W
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1093030 C2 ARRANGED, TR 3:10-5:00 CRUMPTON W
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ANALYTIC ENVIRONMENTAL SYSTEMS BIOL 382 3 CREDITS
Prereq: ENSC 181
4805005 1 ARRANGED CRUMPTON W
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
FUNDAMENTALS OF GENETICS BIOL 401 3 CREDITS
Prereq: BCED 322; BASIC PROGRAMMING EXPERIENCE (COMP S 127, COMP S 227 OR PERMISSION OF INSTRUCTOR);
MATH 160 OR MATH 165; AND STAT 101 OR STAT 104; AND
MATH 166 OR STAT 301
0490005 1 TR 11:00-12:20 DORMAN K
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
INTRODUCTION TO PATHOLOGY BIOL 402 3 CREDITS
Prereq: BIOL 211, BIOL 211L, BIOL 212L, BIOL 212L
4985005 1 ARRANGED HAYNES J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
NEUROBIOLOGY BIOL 436 3 CREDITS
Prereq: BIOL 212
7107005 1 TR 11:00-12:30 JOHANSEN J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
PLANT ANATOMY BIOL 454 4 CREDITS
Prereq: BIOL 212L; BIOL 366 RECOMMENDED
2094005 1 MW 11:00-12:15 CLARK L
W 3:30-6:10PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $25.00
2096010 2 MW 11:00-12:15
F 12:05-2:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $45.00
PRINCIPLES OF MYCOLOGY BIOL 456 3 CREDITS
Prereq: 10 CREDITS IN BIOLOGICAL SCIENCES
2096005 1 MW 11:00-12:15
W 3:30-6:10PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $45.00
**BIOLOGY**

(Continued)

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<td>UG RESEARCH EXPERIENCE BIOL 499 1-6 CREDITS</td>
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<td><strong>BIOMEDICAL ENGINEERING</strong></td>
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<td>BIOMED APP CHEM ENG B M E 440 3 CREDITS</td>
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<td>BIOMATERIALS B M E 456 3 CREDITS</td>
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<td>INDEPENDENT STUDY B M E 490 1-6 CREDITS</td>
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**BIOMEDICAL SCIENCES**

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<td>PRIN OF MORPHOLOGY I B M S 330 6 CREDITS</td>
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<td>BIOMEDICAL SCIENCES I B M S 333 6 CREDITS</td>
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<td>PRINCPLS PHYSIOLOGY B M S 538 4 CREDITS</td>
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**CASE STUDY I**

B M S 345 1 CREDIT

**PHARMACOL&THERAPEUT B M S 443 3 CREDITS**

**INTRO HUM GROS ANAT B M S 447 4 CREDITS**

**BIOMATERIALS B M E 456 3 CREDITS**

**BIOLOGY**

(Continued)

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<td><strong>PHARMACOL&amp;THERAPEUT B M S 443 3 CREDITS</strong></td>
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**INDIVIDUAL STUDY**

B M S 490 1-5 CREDITS

**BIOMATERIALS B M E 456 3 CREDITS**

**BIOLOGY**

(Continued)

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BUSINESS ADMINISTRATION (CONTINUED)

BUS APPLIED PRNCPLS BUSAD 250 3 CREDITS
8807070 G2 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

BUS APPLIED PRNCPLS BUSAD 250 3 CREDITS
8807075 J1 TR 12:40-1:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

BUS APPLIED PRNCPLS BUSAD 250 3 CREDITS
8807080 J2 TR 12:40-1:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ENTREPRENEURSHIP SEMINR BUSAD 292 1 CREDIT
8304005 1 M 10-10:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

EXP DOMESTIC INTNRS BUSAD 391A 1 CREDIT
Prereq: 12 CREDITS FROM COLLEGE OF BUSINESS; WRITTEN APPROVAL OF CAREER SERVICES INTERNSHIP COORDINATOR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
Note: Instructor permission required.

EXP INT’L INTERNSHIP BUSAD 391B 1 CREDIT
Prereq: ACCEPTANCE IN PROFESSIONAL PROGRAM IN BUSINESS; PERMISSION OF INSTRUCTOR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
Note: Instructor permission required.

EXP INT’L INTERNSHIP BUSAD 391B 1 CREDIT
Prereq: 12 CREDITS FROM COLLEGE OF BUSINESS; WRITTEN APPROVAL OF CAREER SERVICES INTERNSHIP COORDINATOR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
Note: Instructor permission required.

IND STUDY INT’L BUS BUSAD 490CS 1–3 CREDITS
Prereq: ACCEPTANCE IN PROFESSIONAL PROGRAM IN BUSINESS; PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

INDEPENDENT STUDY BUSAD 490G 1–3 CREDITS
Prereq: ACCEPTANCE IN PROFESSIONAL PROGRAM IN BUSINESS; PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

INDEPENDENT STUDY BUSAD 490H 1–3 CREDITS
Prereq: ADMISSION TO THE BUSINESS HONORS PROGRAM
Note: Course delivery is On-site instruction

INDEPENDENT STUDY BUSAD 490H 1–3 CREDITS
Prereq: ADMISSION TO THE BUSINESS HONORS PROGRAM
Note: Course delivery is On-site instruction

QUANT BUS APPLIED DEC BUSAD 502 3 CREDITS
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
Note: Course delivery is On-site instruction

ORGANIZNL BEHAVIOR BUSAD 507 2 CREDITS
Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR APPROVAL OF INSTRUCTOR MUST BE OBTAINED
2323700 1 ARRANGED MULLEN E
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO STB MAJORS ONLY
All others interested must get permission from SEEDGRAD@IASTATE.EDU
Course delivery is WWW

Superintendent of the Public Instruction

SPECIAL TOPICS BUSN BUSAD 590 3 CREDITS
Prereq: ENROLLMENT IN MBA PROGRAM OR PERMISSION OF DEPARTMENT
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
1739540 SD ARRANGED DEMARIE S
MEETS: AUG 23-DEC 17

PRO EXPERIENTL LRNG BUSAD 591 1–5 CREDITS
Prereq: GRADUATE STANDING; WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
Note: SEE DEPT FOR REFERENCE NUMBERS

MBA PRO SKILLS DEV BUSAD 592 R CREDIT
Prereq: ADMISSION TO FULL-TIME MBA PROGRAM
Note: COURSE RESTRICTED TO GRADUATE BUSAD MAJORS ONLY
Satisfactory-Fail Only.
7958005 1, 3 T 7:45-10:00
MEETS: SEPT 3-NOV 19
Note: Course delivery is On-site instruction

COOPERATIVE EDUCATN BUSAD 598 R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
Satisfactory-Fail Only.
7906005 1 ARRANGED
MEETS: AUG 23-DEC 17

CREATIV COMP ACCNTG BUSAD 599A 3 CREDITS
Prereq: GRADUATE STANDING; PERMISSION OF SUPERV COMM CHAIR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

CREATIV COMP ACCOUNT BUSAD 599B 3 CREDITS
Prereq: GRADUATE STANDING; PERMISSION OF SUPERV COMM CHAIR

CREATIV COMP MANAGM BUSAD 599C 3 CREDITS
Prereq: GRADUATE STANDING; PERMISSION OF SUPERV COMM CHAIR

CREATIV COMP MARKETING BUSAD 599D 3 CREDITS
Prereq: GRADUATE STANDING; PERMISSION OF SUPERV COMM CHAIR

CRTV CMPNRY SCM BUSAD 599L 3 CREDITS
Prereq: GRADUATE STANDING; PERMISSION OF SUPERV COMM CHAIR

RESEARCH BUSAD 699 3–6 CREDITS
Prereq: GRADUATE STANDING; PERMISSION OF MAJOR PROF

CHEMICAL ENGINEERING

LEARNING COMMUNITY CH E 104 R CREDIT
Prereq: ENROLLMENT IN CH E LEARNING TEAM
Satisfactory-Fail Only.
3630005 1 W 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRO EXPERIENTL LRNG BUSAD 591 1–5 CREDITS
Prereq: PERMISSON OF DEPARTMENT
Note: NO MORE THAN 3 ADDITIONAL CREDITS MAY BE TAKEN IN SAME SEMESTER AS BUSAD 398
Satisfactory-Fail Only.
6170070 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Permission of coordinator required.

STRATEGIC MANAGEMENT BUSAD 501 2 CREDITS
Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR APPROVAL OF INSTRUCTOR MUST BE OBTAINED
2234700 1 ARRANGED WRIGHT A
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO STB GRADS. ALL OTHERS INTERESTED MUST GET PERMISSION FROM SEEDGRAD@IASTATE.EDU
Course delivery is WWW

QUANT BUS APPLIED DEC BUSAD 502 3 CREDITS
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
Note: Course delivery is On-site instruction

CH E PROBL CPTLR LAB CH E 160 3 CREDITS
Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165
Note: ONLY ONE OF ENGR 160, A E 160, AER E 160, CH E 160, C E 160, CPR K 160, E E 185, E E 148, M E 160 AND S & E 185 MAY COUNT TOWARDS GRADUATION. CLASSROOM TIMES ARE LAB. LECTURE WILL BE DELIVERED ONLINE. COURSE RESTRICTED TO CH E MAJORS ONLY.
3630005 6 W 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CH E PROBL CPTLR LAB CH E 160 3 CREDITS
Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165
Note: ONLY ONE OF ENGR 160, A E 160, AER E 160, CH E 160, C E 160, CPR K 160, E E 185, E E 148, M E 160 AND S & E 185 MAY COUNT TOWARDS GRADUATION. CLASSROOM TIMES ARE LAB. LECTURE WILL BE DELIVERED ONLINE. COURSE RESTRICTED TO CH E MAJORS ONLY.
3630005 7 R 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CH E PROBL CPTLR LAB CH E 160 3 CREDITS
Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165
Note: ONLY ONE OF ENGR 160, A E 160, AER E 160, CH E 160, C E 160, CPR K 160, E E 185, E E 148, M E 160 AND S & E 185 MAY COUNT TOWARDS GRADUATION. CLASSROOM TIMES ARE LAB. LECTURE WILL BE DELIVERED ONLINE. COURSE RESTRICTED TO CH E MAJORS ONLY.
2778005 1 ARRANGED
MEETS: AUG 23-DEC 17
CHEMICAL ENGINEERING  (CONTINUED)

CH E PROBL CPR LAB  CH E  160  3 CREDITS
2778010  2 ARRANGED, MW 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2778015  3 ARRANGED, MW 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2778020  4 ARRANGED, MW 3:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SEMINAR  CH E  202  1 CREDIT
Note: COURSE RESTRICTED TO CH E MAJORS ONLY
2432005  1 R 3:40-4:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CONTINU LEARN COMM  CH E  204  3 CREDITS
Prereq: ENROLLMENT IN CH E LEARNING COMMUNITY
Satisfactory-Fail Only.
8171005  1 T 9:30-10:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CH E PROGR SS ASEMNT  CH E  205  3 CREDITS
Prereq: CHEM 178, MATH 166. CREDIT OR ENROLLMENT IN CH E 160
MEETS: MEETING TIME ARRANGED, EXCEPT FOR ONE-TIME Satisfactory-Fail Only.
2531005  1 W 5:10-6:20PM
ARRANGED
MEETS: AUG 23-DEC 17
Note: MANDATORY MEETING SEPT 1 AT 5:10-6:20PM.
Course delivery is On-site instruction

MATRX KENETRY BALNC  CH E  210  3 CREDITS
Prereq: CHEM 178, MATH 166, CH E 160
2429005  1 MWF 3:20-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2429010  2 MWF 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

COMPUT MTHDS CHEM E  CH E  310  3 CREDITS
Prereq: CHEM 178, MATH 166, CH E 160
2104005  1 TR 2:10-3:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CHEMICAL ENGR LAB I  CH E  325  2 CREDITS
Prereq: CHEM 357, CH E 381; CREDIT OR ENROLLMENT IN ENGL 314 OR ENGL 310 OR ENGL 312 OR JIL MC 347
Note: Instructor permission required 1st week.
5699005  1 MWF 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $70.00
5699010  2 MWF 2:15-4:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $70.00
5699015  3 MWF 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $70.00
5699020  4 MWF 2:15-4:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $70.00

TRANSPRT PHENOMEN I  CH E  356  3 CREDITS
Prereq: CHEM 205, CH E 210, PHYS 221; CREDIT OR ENROLLMENT IN MATH 267
2435005  1 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TRANSPRT PHENOMEN II  CH E  357  3 CREDITS
Prereq: CHEM 356
2436005  1 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SEPARATIONS  CH E  358  3 CREDITS
Prereq: CH E 310, CH E 357, CH E 381
2437005  1 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CH E THERMODYNAMICS  CH E  381  3 CREDITS
Prereq: CH E 202, MATH 267, PHYS 232, CHEM 325; CREDIT OR ENROLLMENT IN CH E 310, PHYS 232
2438005  1 MWF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CHEMICAL ENGINEERING  (CONTINUED)

CHEMICAL REACTN ENGR  CH E  382  3 CREDITS
Prereq: CH E 310, CH E 381; CREDIT OR ENROLLMENT IN MATH 265
2439005  1 MWF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

COOPERATIVE EDUCC  CH E  398  3 CREDITS
Prereq: CH E 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

SURFAC & COLLOID CHEM  CH E  408  3 CREDITS
Prereq: CH E 301
2106005  1 MWF 11:00-1:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ELECTROCHEMICAL ENGR  CH E  410  3 CREDITS
Prereq: CH E 357, CH E 381, CH E 382
0390005  1 TR 2:10-3:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CHEMICAL PROCESS SAFETY  CH E  420  3 CREDITS
Prereq: CH E 357, CH E 381
7965005  1 MW 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7965010  2 MWF 7:45-8:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2447005  1 MW 8:00-9:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CHEMICAL ENGR LAB II  CH E  426  2 CREDITS
Prereq: CH E 325, CH E 358, CH E 382
Note: COURSE RESTRICTED TO CH E SENIORS GRADUATING F’20 MUST REGISTER VIA CBE DEPARTMENT WAITLIST. PLEASE CONTACT YOUR ADVISOR. CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Instructor permission required 1st week.
2448005  1 T 8:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $75.00
2448010  2 T 8:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $75.00
2448015  3 T 2:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $75.00

PROCESS & PLANT DESIGN  CH E  430  4 CREDITS
Prereq: CH E 325, CH E 382
Note: COURSE RESTRICTED TO CH E MAJORS GRADUATING FALL 2021
2449005  1 MW 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $75.00

BIOMED APP CHEM ENG  CH E  440  3 CREDITS
Prereq: CH E 210 OR CH E 220, MATH 266 OR MATH 267, PHYS 231
2108005  1 MWF 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

UG RESCH/IND STUDY  CH E  490  1-6 CREDITS
Prereq: PERMISSION OF DEPARTMENT
Note: NO MORE THAN 6 CREDITS OF CH E 490 MAY BE APPLIED TOWARDS GRADUATION AS TECHNICAL ELECTIVES
******* SEE DEPT FOR REFERENCE NUMBERS

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 TOWARDS GRADUATION AS TECHNICAL ELECTIVES. RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
******* SEE DEPT FOR REFERENCE NUMBERS

SURFAC ACCOLLOID CHEM  CH E  508  3 CREDITS
Prereq: CH E 398
2135005  1 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
CHEMICAL ENGINEERING (CONTINUED)

ELECTROCHEMICAL ENGINEERING CHEM 510 3 CREDITS
Prereq: CHEM 357, CHEM 381, CHEM 382
0391005 1 TR 9:30-10:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

BIOMEDICAL APPLICATION CHEMISTRY CHEM 540 3 CREDITS
Prereq: CHEM 250 OR CHEM 322, MATH 266 OR MATH 267, PHYS 232
2462005 1 MWF 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ANALYTICAL NUMERICAL METHODS CHEM 545 3 CREDITS
Prereq: CHEM 250, MATH 267
2463005 1 MWF 8:15-9:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PHYSICAL CHEMISTRY CHEM 550 4 CREDITS
Prereq: CHEM 250, CHEM 381, MATH 267, CREDIT OR ENROLLMENT IN CHEM 545
8238005 1 TR 9:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVANCED THERMODYNAMICS CHEM 583 3 CREDITS
Prereq: CHEM 381
2467005 1 TR 9:30-10:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INDEPENDENT STUDY CHEM 590 2-6 CREDITS
* SEE DEPT FOR REFERENCE NUMBERS
** CREATIVE COMPONENT CHEM 599 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
SEMINAR CHEM 601 R CREDIT
Satisfactory-Fail Only.
2479005 1 R 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ENGINEERING CHEMISTRY CHEM 697 R CREDIT
Prereq: PERMISSION OF MAJOR PROF, GRAD CLASS IF
2116005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TEACHING PRACTICUM CHEM 698A 1 CREDIT
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
2774005 1 M 3:30-4:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TEACHING PRACTICUM CHEM 698B 1 CREDIT
Prereq: CHEM 599
Satisfactory-Fail Only.
** SEE DEPT FOR REFERENCE NUMBERS

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

CHEMISTRY (CONTINUED)

COLLEGE CHEMISTRY CHEM 50 0 CREDITS
Prereq: ONE YEAR OF HIGH SCHOOL ALGEBRA
Note: DEVELOPMENTAL CHEM FEE APPLIES. SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION ON CHEM FEE. CHEM 50 DOES NOT COUNT TOWARD GRADUATION.
4523005 1 MF 9:55-10:45
W 9:45-10:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/
4523010 2 MF 9:55-10:45
W 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/
4523015 3 MF 9:55-10:45
W 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/
4523020 4 MF 9:55-10:45
W 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/
4523025 5 MF 9:55-10:45
W 12:05-1:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/
4523030 6 MF 9:55-10:45
W 11:05-12:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/
<table>
<thead>
<tr>
<th>COLLEGE CHEMISTRY I</th>
<th>CHEM 163</th>
<th>4 CREDITS</th>
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<tr>
<td>Section info: <a href="http://courses.chem.iastate.edu/">http://courses.chem.iastate.edu/</a></td>
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<td>2489040</td>
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<td>2489043</td>
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**GENERAL CHEM LAB I  CHEM 163L  1 CREDIT**

**Prereq:** CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 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 145L, CHEM 177L, CHEM 177N, CHEM 201L

| Section info: http://courses.chem.iastate.edu/ | | |
| 2490005 | | MEETS: AUG 23-DEC 17 |
| 2490010 | 1 | M 8:50-9:40 | MEETS: AUG 23-DEC 17 |
| 2490015 | 2 | M 8:50-9:40 | MEETS: AUG 23-DEC 17 |
| 2490020 | 3 | M 12:05-1:55 | MEETS: AUG 23-DEC 17 |
| 2490025 | 4 | M 3:20-5:15 | MEETS: AUG 23-DEC 17 |
| 2490030 | 5 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490035 | 6 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490040 | 7 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490045 | 8 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490050 | 9 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490055 | 10 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490060 | 11 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490065 | 12 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490070 | 13 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490075 | 14 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490080 | 15 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490085 | 16 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490090 | 17 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490095 | 18 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490100 | 19 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490105 | 20 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490110 | 21 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |
| 2490115 | 22 | M 6:30-8:20 | MEETS: AUG 23-DEC 17 |

**Note:** Course delivery is On-site instruction Materials and equipment use fee $115.00

**Section info:** http://courses.chem.iastate.edu/
ENGRS GENERAL CHEM 167 4 CREDITS
Prereq: ONE YEAR OF HIGH SCHOOL CHEMISTRY OR CHEM 50; MATH 140 OR HIGH SCHOOL EQUIVALENT.
Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY.
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 ALREADY REGISTERED.
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.
Materials and equipment use fee $115.00

2493010  2 MWF 9:55-10:45  T 8:00-8:50  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493015  3 MWF 9:55-10:45  T 8:00-8:50  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493020  4 MWF 9:55-10:45  T 9:00-9:50  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493025  5 MWF 9:55-10:45  T 10:00-10:50  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493030  6 MWF 9:55-10:45  T 11:00-11:50  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493035  7 MWF 9:55-10:45  T 12:10-1:00  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493040  8 MWF 9:55-10:45  T 1:10-2:00  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493045  9 MWF 9:55-10:45  T 2:10-3:00  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493050 10 MWF 9:55-10:45  T 3:10-4:00  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493055 11 MWF 9:55-10:45  T 4:10-5:00  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493060 12 MWF 9:55-10:45  T 5:10-6:00  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493065 13 MWF 9:55-10:45  T 6:10-7:00  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493070 14 MWF 9:55-10:45  T 7:10-8:00  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493075 15 MWF 9:55-10:45  T 8:00-9:00  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/

2493080 16 MWF 9:55-10:45  T 9:00-10:00  MEETS: AUG 23-DEC 17  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/  Note: Course delivery is On-site instruction 
Section info: http://courses.chem.iastate.edu/
CHEMISTRY (CONTINUED)

ENGR NS GENERAL CHEM CHEM 167 4 CREDITS
Note: Course delivery is On-site instruction

CHEMISTRY (CONTINUED)

ENGR NS GEN CHEM LAB CHEM 167L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN CHEM 167
Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY.
CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE
APPLIED TOWARD GRADUATION: CHEM 167L, CHEM 167L,
CHEM 177L, CHEM 177N, CHEM 201L.

FALL 2021

ENGR NS GEN CHEM LAB CHEM 167L 1 CREDIT
2494009 6 T 6:10-9:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/

2494035 7 W 3:20-6:10PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/

2494040 8 M 12:05-2:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/

2494043 9 W 8:50-11:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00

2494050 10 W 12:05-2:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00

2494055 11 R 9:00-12:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00

2494060 12 R 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR
VR H.S. CHEM OR ENROLLMENT IN CHEM 175
CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
AND ACCOMPANYING LABS) MAY BE APPLIED TOWARDS
GRADUATION: 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 M 8:50-9:40
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
Section info: http://courses.chem.iastate.edu/

2495010 2 MF 10:10-2:00
MEETS: AUG 23-DEC 17
R 8:00-8:50
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

2495015 3 MF 10:10-2:00
MEETS: AUG 23-DEC 17
R 8:00-8:50
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

2495020 4 MF 10:10-2:00
MEETS: AUG 23-DEC 17
R 9:00-9:50
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

2495025 5 MF 10:10-2:00
MEETS: AUG 23-DEC 17
R 9:00-9:50
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

2495030 6 MF 10:10-2:00
MEETS: AUG 23-DEC 17
R 10:00-10:50
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

2495035 7 MF 10:10-2:00
MEETS: AUG 23-DEC 17
R 10:00-10:50
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

2495040 8 MF 10:10-2:00
MEETS: AUG 23-DEC 17
R 11:00-11:50
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

2495045 9 MF 10:10-2:00
MEETS: AUG 23-DEC 17
R 11:00-11:50
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

2495050 10 MF 10:10-2:00
MEETS: AUG 23-DEC 17
R 12:10-12:50
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

2495055 11 MF 10:10-2:00
MEETS: AUG 23-DEC 17
R 12:10-12:50
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

2495060 12 MF 10:10-2:00
MEETS: AUG 23-DEC 17
R 1:10-2:00
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

2495065 13 MF 10:10-2:00
MEETS: AUG 23-DEC 17
R 1:10-2:00
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/
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LAB GENERAL CHEM I CHEM 177L 1 CREDIT

Note: This course is only available to students who have completed CHEM 163L, 177L, 177N, or 201L.

Materials and equipment use fee $115.00

MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

Section info: http://courses.chem.iastate.edu/

GENERAL CHEMISTRY II CHEM 178 3 CREDITS

Prereq: CHEM 177L and CREDIT OR ENROLLMENT IN CHEM 178

Note: THIS COURSE IS ONLY AVAILABLE TO STUDENTS WHO ARE REGISTERED IN CHEM 177L.

Materials and equipment use fee $115.00

MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

Section info: http://courses.chem.iastate.edu/

LAB GENERAL CHEM II CHEM 178L 1 CREDIT

Prereq: CHEM 177L and CREDIT OR ENROLLMENT IN CHEM 178

Note: THIS COURSE IS ONLY AVAILABLE TO STUDENTS WHO ARE REGISTERED IN CHEM 178L.

Materials and equipment use fee $115.00

MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

Section info: http://courses.chem.iastate.edu/

FALL 2021
<table>
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<th>Time</th>
<th>Instructor</th>
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<td>CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L</td>
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<td>Materials and equipment use fee $115.00</td>
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Note: Course delivery is On-site instruction.
CHEMISTRY (CONTINUED)

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
FALL 2021
7900045 9 W 8:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
FRESH&GPH RESEARCH CHEM 299 VAR. CREDITS
Prereq: PERMISSION OF STAFF MEMBER WILL WORK
STUDENT PROPOSES TO WORK
****** SER DEPT FOR REFERENCE NUMBERS
INSTRMNT MTH ANALY CHEM 316 2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CHEM 316
INSTRMN ANALIS LAB CHEM 316 2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CHEM 316
CHEMISTRY DEPARTMENT TO ADD.

CHEMISTRY (CONTINUED)

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
Prereq: CHEM 177L; CR OR ENROLLMENT IN CHEM 331
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 333L
5270005 1 M 8:30-11:40 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
5270010 2 M 12:05-3:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
5270015 3 M 3:20-6:10PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/

5270020 4 M 6:10-9:00PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/

5270030 6 T 12:10-3:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
5270035 7 T 3:30-6:00PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
5270040 8 W 8:50-11:40 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
5270050 10 W 12:05-2:55 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
5270055 11 W 3:20-6:10PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
5270060 12 W 6:10-9:00PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
5270065 13 R 9:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
5270070 14 R 9:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
5270075 15 R 12:10-3:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
5270080 16 R 3:10-6:00PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
5270085 17 R 6:10-9:00PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/

5270090 18 R 9:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/

5270100 19 R 12:10-3:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/

5270110 20 R 3:10-6:00PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/

5270120 21 R 6:10-9:00PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $115.00
Section info: http://courses.chem.iastate.edu/
CHEMISTRY (CONTINUED)

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT
Materials and equipment use $115.00
Section info: http://courses.chem.iastate.edu/
5270215 3 W 6:10-9:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use $115.00
Section info: http://courses.chem.iastate.edu/
5270220 4 R 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use $115.00
Section info: http://courses.chem.iastate.edu/

LAB ORGANIC CHEM CHEM 333L 2 CREDITS
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 331
Note: RESTRICTED TO CHEM, BIOCH, BIOPH, AGBIO MAJORS.
CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 332L.
5271005 1 MWF 12:05-2:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use $115.00
Section info: http://courses.chem.iastate.edu/
5271010 2 MWF 3:20-6:10PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use $115.00
Section info: http://courses.chem.iastate.edu/
5271015 3 MWF 6:10-9:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use $115.00
Section info: http://courses.chem.iastate.edu/

UNDERGRAD RESEARCH CHEM 399 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK AND JR OR SR CLASSIFICATION
Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN CHEM 199/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

INORGANIC CHEM LAB CHEM 401L 1 CREDIT
Prereq: CHEM 402
Note: COURSE RESTRICTED TO CHEM MAJORS GRADUATING F2021
2524005 1 T 12:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use $115.00
2524015 2 T 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use $115.00

ADV INORGANIC CHEM CHEM 402 3 CREDITS
Prereq: CHEM 301; CHEM 331 RECOMMENDED
2525005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

INDEPENDENT STUDY CHEM 490 VAR. CREDITS
Prereq: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN CHEM 199/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 EDUCAT CHEM 498 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4841005 1 ARRANGED
MEETS: AUG 23-DEC 17

SENIOR RESEARCH CHEM 499 2-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK; B AVG IN ALL CHEMISTRY, PHYSICS, AND MATHEMATICS COURSES
Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN CHEM 199/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

INORGANIC PREPARATNS CHEM 501L 1 CREDIT
Prereq: CHEM 402
2530005 1 T 12:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/
2530010 2 T 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

CHEMISTRY (CONTINUED)

ADV INORGANIC CHEM CHEM 502 3 CREDITS
Prereq: CHEM 402. RECOMMENDED: CHEM 331.
8155005 1 MWF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/

PHYSICAL INORGANIC CHEM 505 3 CREDITS
Prereq: CHEM 402 OR CHEM 502, CHEM 324
2532005 1 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV ANALYTICAL CHEM CHEM 511 3 CREDITS
Prereq: CHEM 316 AND CHEM 316L
2536005 1 MF 7:45-8:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ELECTROCH MTHD ANYL CHEM 512 3 CREDITS
Prereq: CHEM 316, CHEM 316L; RECOMMENDED BUT NOT REQUIRED CHEM 324, CHEM 322L
2537005 1 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ORGANIC SYNTHESI II CHEM 532 2 CREDITS
Prereq: CHEM 531
9501005 1 MF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PHYS ORGANIC CHEM I CHEM 537 3 CREDITS
Prereq: CHEM 333
2542005 1 TR 3:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FUND QUANTM MECHAN CHEM 561 4 CREDITS
2548005 1 MWF 8:55-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SPECTRO ID ORG CMPD CHEM 572 3 CREDITS
Prereq: CHEM 332
2555005 1 TR 9:30-10:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO TO CHEM RSRCH CHEM 579 R CREDIT
8083005 1 TR 8:00-8:50
F 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO COMPU QUANTUM CHEM 580 3 CREDITS
8438005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

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

SEMINR INORGNC CHEM CHEM 600 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2563005 1 W 4:25-5:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SEMINR ANALYTIC CHEM CHEM 611 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2565005 1 F 2:30-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SEMINR ORGANIC CHEM CHEM 631 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2566005 1 F 1:10-2:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SEMINR PHYSICAL CHEM CHEM 660 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2568005 1 F 4:25-5:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

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

FUND OF SURVEYING C E 111 3 CREDITS
Prereq: MATH 165, C E 160, C E 170
COURSE RESTRICTED TO C E, CON E, ENV V MAJORS ONLY
Note: Course delivery is On-site instruction
Funds and materials and equipment use fee $85.00
7242005 1 M 2:15-3:05
T 12:10-3:00
W 1:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $85.00
7242010 2 M 2:15-3:05
W 12:05-2:05
F 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $85.00
7242015 3 M 2:15-3:05
T 8:00-10:50
F 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $85.00

CIVIL ENGR LAN COMM C E 120 1 CREDIT
8518005 1 TR 4:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ENGR PROB CMPT LAB C E 160 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 165
Note: COURSE RESTRICTED TO C E, CON E MAJORS ONLY.
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 185, E E 185,
S E 185, I E 184, C H 180
Note: Night exams scheduled. For dates go to
http://www.registrar.iastate.edu/students/exams/
night-exams.
2911005 1 ARRANGED
T 11:00-12:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2911010 2 ARRANGED, T 2:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2911015 3 ARRANGED, W 9:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2911020 4 ARRANGED, W 9:55-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2911025 5 ARRANGED, W 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CIVIL ENGR GRAPHICS C E 170 2 CREDITS
Prereq: CREDIT RESTRICTED TO C E, CON E, AND ENV E MAJORS ONLY
3515005 1 TR 8:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3515010 2 TR 12:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3515015 3 TR 10:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ECON ANALYPRO ISSU C E 206 3 CREDITS
Prereq: MATH 166, ENGL 250, C E 105.
ECON 101 RECOMMENDED.
1915005 1 MWF 11:00-12:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CIVIL ENGINEERING  (CONTINUED)

PROJECT MANAGMT  CE  306  3 CREDITS  
Prereq: ENGL 250, C E 105, TECHNICAL COMMUNICATION ELECTIVE RECOMMENDED  

4943005  1 MW 3:20-4:10  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

4943010  2 MW 3:20-4:10  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

4943015  3 MW 3:20-4:10  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

4943020  4 MW 3:20-4:10  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

4943025  5 MW 3:20-4:10  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

PRIN ENVIRONMT ENGR  CE  326  3 CREDITS  
Prereq: CHEM 167 OR CHEM 177 AND CHEM 178, MATH 166, CREDIT OR ENROLLMENT IN E M 378  

2284005  1 MF 9:55-10:45  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2284010  2 MF 9:55-10:45  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2284015  3 MF 9:55-10:45  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

STRUCTURAL ANALYSIS I  CE  332  3 CREDITS  
Prereq: E M 324  
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.  

2285005  1 MF 1:10-2:00  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2285010  2 MF 1:10-2:00  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2285015  3 MF 1:10-2:00  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2285020  4 MF 1:10-2:00  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

STRUCT STEEL DSN I  CE  333  3 CREDITS  
Prereq: E M 332, E M 337  
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.  

2286005  1 MF 7:45-8:35  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2286010  2 MF 12:05-12:55  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2286015  3 MF 12:05-12:55  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

REIN CONCRETE DSN I  CE  334  3 CREDITS  
Prereq: C E 332, E M 327  
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.  

2287005  1 TR 12:05-1:20  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2287010  2 TR 8:00-9:15  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2287015  3 TR 12:05-1:20  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

CIVIL ENGINEERING  (CONTINUED)

PRIN TRANSPORT ENGR  CE  355  3 CREDITS  
Prereq: E M 111  

2924005  1 TR 3:40-4:55  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

GEO TECHNICAL ENGRNRG  CE  360  4 CREDITS  
Prereq: E M 324, CREDIT OR ENROLLMENT IN GEOL 201 OR CON E 241  
Note: COURSE RESTRICTED TO ENGINEERING COLLEGE MAJORS  
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.  

2291005  1 MF 12:05-12:55  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2291010  2 MF 12:05-12:55  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2291015  3 MF 12:05-12:55  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

DESIGN OF CONCRETES  CE  382  3 CREDITS  
Prereq: CREDIT IN CE 382 OR CE 383, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  

2294005  1 MF 8:50-9:40  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2294010  2 MF 8:50-9:40  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2294015  3 MF 8:50-9:40  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2294020  4 MF 8:50-9:40  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2294025  5 MF 8:50-9:40  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2294030  6 MF 8:50-9:40  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

2294035  7 MF 8:50-9:40  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

DGN PORTLAND CEMENT  CE  383  1 CREDIT  
Prereq: E M 274  
Note: CREDIT IN CE 382 OR CE 383, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  

9480005  1 TR 3:40-5:30  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

9480010  2 TR 3:40-5:30  
Meeting: AUG 23-DEC 17  
Note: Course delivery is On-site instruction
SUSTNBL EAIN'T LDev  C E 388  3 CREDITS
Prereq: JUNIOR CLASSIFICATION IN ENGINEERING
Note: COURSE RESTRICTED TO COLLEGE OF ENGINEERING JUNIORS AND SENIORS
Meet international perspectives reqmt
8096005  1 MW  3:20-4:10  T  4:10-6:00PM
Note: Course delivery is On-site instruction

COOPERATIVE EDUC  C E 398  R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Note: Course delivery is On-site instruction

PROGGOUTCOME ASSESS  C E 403  R CREDIT
Prereq: VERIFICATION OF UNDERGRAD APPLICATION FOR
Note: COURSE RESTRICTED TO STUDENTS GRADUATING FALL 2021
Satisfactory-Fail Only.

ENVIRONMT ENGR CHEM  C E 420  3 CREDITS
Prereq: C E 326, CHEM 176
9459005  1 WF 11:00-11:50  R 12:40-1:30
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $50.00

ENVIRNMNT BIOTECHNL  C E 421  3 CREDITS
Prereq: C E 326
9476005  1 T 9:00-10:50  R 9:00-10:50
Note: Course delivery is On-site instruction

STRUCT HEALTH MONITR  C E 449  3 CREDITS
Prereq: SENIOR CLASSIFICATION IN ENGINEERING OR PERMISSION OF INSTRUCTOR
9700005  1 TR  9:30-10:45
Note: Course delivery is On-site instruction

URB TNSPT PNL MOD  C E 451  3 CREDITS
Prereq: C E 355 AND A COURSE IN STATISTICS FROM THE APPROVED DEPARTMENTAL LIST
2301005  1 T 9:30-10:45  R 9:30-10:45
Note: Course delivery is On-site instruction

HIGHWAY DESIGN  C E 453  3 CREDITS
Prereq: C E 306, C E 355
2302005  1 MW  8:50-9:40  R 2:10-4:00
Note: Course delivery is On-site instruction

FOUNDATION ENGINEER  C E 460  3 CREDITS
Prereq: C E 360
2303005  1 MWF 2:15-3:05
Note: Course delivery is On-site instruction

GRNDRWTR HYDROLOGY  C E 473  3 CREDITS
Prereq: C E 372
1937005  1 MWF  9:55-10:45
Note: Course delivery is On-site instruction

CIVIL ENGINR DESIGN  C E 485  3 CREDITS
Note: COURSE RESTRICTED TO STUDENTS GRADUATING FALL 2021
2131005  1 MF 12:05-12:55  T 11:00-1:00
Note: Course delivery is On-site instruction

SPL TOP CONSTR PLAN  C E 594A  3 CREDITS
Prereq: C E 306 OR GRADUATE STANDING
Note: CREDIT MAY NOT BE APPLIED FOR GRADUATION FOR UNDERGRADUATE STUDENTS.
2925005  1 ARRANGED
Note: Course delivery is WWW

TRANSP SYST DEV&MGT  C E 558  3 CREDITS
Prereq: C E 355
2336005  1 MF  8:50-9:40  R 4:10-6:00PM
Note: Course delivery is On-site instruction

GRNDRWTR HYDROLOGY  C E 573  3 CREDITS
Prereq: C E 372
2345005  1 MWF  9:55-10:45
Note: Course delivery is On-site instruction

SPECIAL TOPICS  C E 590  1-5 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING (CONTINUED)

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

INDEP STUDY HONORS  C E 499H  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM
Note: Course delivery is On-site instruction

ENVIRONMT ENGR CHEM  C E 520  3 CREDITS
Prereq: C E 326, CHEM 176
2318005  1 WF 11:00-11:50  R 12:40-1:30
Note: Course delivery is On-site instruction

TRANSP SYST DEV&MGT  C E 558  3 CREDITS
Prereq: C E 355
2336005  1 MF  8:50-9:40  R 4:10-6:00PM
Note: Course delivery is On-site instruction

GRNDRWTR HYDROLOGY  C E 573  3 CREDITS
Prereq: C E 372
2345005  1 MWF  9:55-10:45
Note: Course delivery is On-site instruction

SPECIAL TOPICS  C E 590  1-5 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING (CONTINUED)

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

INDEP STUDY HONORS  C E 499H  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM
Note: Course delivery is On-site instruction

ENVIRONMT ENGR CHEM  C E 520  3 CREDITS
Prereq: C E 326, CHEM 176
2318005  1 WF 11:00-11:50  R 12:40-1:30
Note: Course delivery is On-site instruction

TRANSP SYST DEV&MGT  C E 558  3 CREDITS
Prereq: C E 355
2336005  1 MF  8:50-9:40  R 4:10-6:00PM
Note: Course delivery is On-site instruction

GRNDRWTR HYDROLOGY  C E 573  3 CREDITS
Prereq: C E 372
2345005  1 MWF  9:55-10:45
Note: Course delivery is On-site instruction

SPECIAL TOPICS  C E 590  1-5 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING (CONTINUED)

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

INDEP STUDY HONORS  C E 499H  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM
Note: Course delivery is On-site instruction

ENVIRONMT ENGR CHEM  C E 520  3 CREDITS
Prereq: C E 326, CHEM 176
2318005  1 WF 11:00-11:50  R 12:40-1:30
Note: Course delivery is On-site instruction

TRANSP SYST DEV&MGT  C E 558  3 CREDITS
Prereq: C E 355
2336005  1 MF  8:50-9:40  R 4:10-6:00PM
Note: Course delivery is On-site instruction

GRNDRWTR HYDROLOGY  C E 573  3 CREDITS
Prereq: C E 372
2345005  1 MWF  9:55-10:45
Note: Course delivery is On-site instruction

SPECIAL TOPICS  C E 590  1-5 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSTR PLAN  C E 594A  3 CREDITS
Prereq: C E 306 OR GRADUATE STANDING
Note: CREDIT MAY NOT BE APPLIED FOR GRADUATION FOR CONSTRUCTION ENGINEERING UNDERGRADUATE STUDENTS.
INSTRUCTOR PERMISSION REQUIRED TO REGISTER ARRANGED REPRESENTS ONLINE COURSE DELIVERY AND COURSEWORK.
2925005  1 ARRANGED
Note: Course delivery is WWW
292500  2 ARRANGED
Note: Course delivery is WWW
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Meetings</th>
</tr>
</thead>
<tbody>
<tr>
<td>2586005</td>
<td>CL ST 273: GREEK &amp; ROMAN MYTHOL</td>
<td>3</td>
<td>Prereq: ENGL 250 or ENGL 105. Note: Meets international perspectives regmt.</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>2587005</td>
<td>CL ST 275: GREEK &amp; ROMAN MYTHOL</td>
<td>3</td>
<td>Prereq: PHIL 201. Note: Meets international perspectives regmt.</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>2588005</td>
<td>CL ST 276: GREEK &amp; ROMAN ART</td>
<td>3</td>
<td>Note: Instructor permission required 1st week.</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>2589005</td>
<td>CL ST 402: GREEK CIVILIZATION</td>
<td>3</td>
<td>Note: Instructor permission required 1st week.</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>3976005</td>
<td>CL ST 403: LATIN OR GREEK OR ENGL 250</td>
<td>3</td>
<td>Prereq: CL ST 273 or CL ST 275 or ONE COURSE IN LATIN OR GREEK OR ENGL 250</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>9900005</td>
<td>CL ST 404: ROMN ARCHAE TO400CE</td>
<td>3</td>
<td>Note: Instructor permission required 1st week.</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>2610005</td>
<td>CL ST 490: INDEPENDENT STUDY</td>
<td>1-6</td>
<td>Prereq: 7 CR in CL ST at 200 level or higher.</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>2611005</td>
<td>CMDIS 275: COMM DISORDER</td>
<td>3</td>
<td>Prereq: COMST 101. Note: Course delivery is On-site instruction.</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>3930500</td>
<td>CMDIS 371: COMM&amp; U.S. DIVRSITY</td>
<td>3</td>
<td>Prereq: CMDIS 275 or LING 275. Note: Meets international perspectives regmt.</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>5123005</td>
<td>CMDIS 471: LANG&amp;RDG DEVEL CHLD</td>
<td>3</td>
<td>Prereq: CMDIS 275 or LING 275 or PSYCH 230 or ENGL 219. Note: Meets international perspectives regmt.</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>7918005</td>
<td>COMST 101: INTERPERSONAL COMM</td>
<td>3</td>
<td>Note: SEC A1 ECT. RESTRICTED TO COMST MAJORS ONLY.</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>8954000</td>
<td>CMDIS 492: COMM DISORDR FLDWRK</td>
<td>1-2</td>
<td>Prereq: CMDIS 371 or LING 471 or LING 480 or CREDIT OR CONCURRENT ENROLLMENT</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>7066005</td>
<td>COMST 210: COMMUNICATION DISORDERS</td>
<td>3</td>
<td>Note: Sec 1 students will meet synchronously for 1 hour a week, at 4:10PM-5:00PM. Two hours a week will be completed asynchronously. Course delivery is <a href="http://WWW">WWW</a>. Syllabus: <a href="http://faculty.sites.iastate.edu/girl/page/Fall2021/COMMUNICATION">http://faculty.sites.iastate.edu/girl/page/Fall2021/COMMUNICATION</a> DISORDERS/COMM槿ORDR:ANAT SPCH CMDIS 480A</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>5123005</td>
<td>CMDIS 471: LANG&amp;RDG DEVEL CHLD</td>
<td>3</td>
<td>Prereq: CMDIS 275 or LING 275 or PSYCH 230 or ENGL 219. Note: Meets international perspectives regmt.</td>
<td>AUG 23-DEC</td>
</tr>
<tr>
<td>5123005</td>
<td>CMDIS 471: LANG&amp;RDG DEVEL CHLD</td>
<td>3</td>
<td>Prereq: CMDIS 275 or LING 275 or PSYCH 230 or ENGL 219. Note: Meets international perspectives regmt.</td>
<td>AUG 23-DEC</td>
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<td>CMDIS 471: LANG&amp;RDG DEVEL CHLD</td>
<td>3</td>
<td>Prereq: CMDIS 275 or LING 275 or PSYCH 230 or ENGL 219. Note: Meets international perspectives regmt.</td>
<td>AUG 23-DEC</td>
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<td>CMDIS 471: LANG&amp;RDG DEVEL CHLD</td>
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<td>Prereq: CMDIS 275 or LING 275 or PSYCH 230 or ENGL 219. Note: Meets international perspectives regmt.</td>
<td>AUG 23-DEC</td>
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<td>CMDIS 471: LANG&amp;RDG DEVEL CHLD</td>
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<td>Prereq: CMDIS 275 or LING 275 or PSYCH 230 or ENGL 219. Note: Meets international perspectives regmt.</td>
<td>AUG 23-DEC</td>
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**COMMUNICATION STUDIES (CONTINUED)**

**INTERPERSONAL COMM**  COMST 211  3 CREDITS  
Note: Course delivery is On-site instruction  
8105050  E2 MWF 9:55-10:45  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**PROFESSIONAL COMM**  COMST 214  3 CREDITS  
9183005  1 MWF 10:55-11:45  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
9183700  2 ARRANGED  MEETS: AUG 23-DEC 17  
Note: Course delivery is WWW  
9183705  3 ARRANGED  MEETS: AUG 23-DEC 17  
9183710  4 ARRANGED  MEETS: AUG 23-DEC 17  
Note: Course delivery is WWW

**CONFLICT MANAGEMENT**  COMST 218  3 CREDITS  
7314700  1 ARRANGED  MEETS: AUG 23-DEC 17  
Note: Course delivery is WWW

**HUMAN COMM UN THY**  COMST 301  3 CREDITS  
Prereq: COMST 101  
Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
6593005  1 MWF 12:05-12:55  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
6593010  2 ARRANGED  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**INTERCULTURAL COMM**  COMST 310  3 CREDITS  
Prereq: COMST 102, COMST 203, COMST 301  
Note: SEC A1 ETC, RESTRICTED TO COMST MAJORS ONLY  SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
Meets international perspectives reqmt  
7934005  A1 TR 3:40-4:55  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
7934010  A2 TR 3:40-4:55  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**RELATIONAL COMM**  COMST 311  3 CREDITS  
Prereq: COMST 101 AND COMST 102  
Note: SEC A1 ETC, RESTRICTED TO COMST MAJORS ONLY  SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
6428005  A1 TR 2:10-3:30  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
6428010  A2 TR 2:10-3:30  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**LDRSHIP COMM THOR**  COMST 313  3 CREDITS  
Prereq: COMST 102, COMST 203, COMST 301  
Note: SEC A1 ETC, RESTRICTED TO COMST MAJORS ONLY  SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
4305005  A1 TR 8:00-9:15  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
4305010  A2 TR 8:00-9:15  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**ORGANIZATIONAL COMM**  COMST 314  3 CREDITS  
Prereq: COMST 103, COMST 203, COMST 301  
Note: SEC A1 ETC, RESTRICTED TO COMST MAJORS ONLY  SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
6431005  A1 TR 9:30-10:45  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
6431010  A2 TR 9:30-10:45  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**SMALL GROUP COMM**  COMST 317  3 CREDITS  
Prereq: COMST 102, COMST 203, COMST 301  
Note: SEC A1 ETC, RESTRICTED TO COMST MAJORS ONLY  SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
6433005  A1 MWF 9:55-10:45  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
6433010  A2 MWF 9:55-10:45  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**NONVERBAL COMMUNIC**  COMST 325  3 CREDITS  
Prereq: COMST 102, COMST 203, COMST 301  
Note: SEC A1 ETC, RESTRICTED TO COMST MAJORS ONLY  SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
3920005  A1 MWF 1:10-2:00  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
3920010  A2 MWF 1:10-2:00  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**COMMUNICATION STUDIES (CONTINUED)**

**CMPTR-MEDIATED COMM**  COMST 330  3 CREDITS  
Prereq: COMST 102, COMST 203, COMST 301  
Note: SEC A1 ETC, RESTRICTED TO COMST MAJORS ONLY  SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
2385005  A1 TR 11:00-12:15  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
2385010  A2 TR 11:00-12:15  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**RESEARCH SEMINAR**  COMST 404  3 CREDITS  
Prereq: COMST 301 PLUS 3 ADDITIONAL COMMUNICATION STUDIES CLASSES FROM THE FOLLOWING LIST: COMST 310, COMST 311, COMST 313, COMST 314, COMST 317, COMST 319, COMST 325, OR COMST 330  
Note: COURSE RESTRICTED TO COMST SENIORS  
2298005  1 TR 12:40-1:55  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
2298010  2 TR 12:40-1:55  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**SP TOP COMST:HEALTH**  COMST 450B  3 CREDITS  
Prereq: JUNIOR STANDING OR INSTRUCTOR PERMISSION  
0286700  1 ARRANGED  MEETS: AUG 23-DEC 17  
Note: EXAMINES RESEARCH, THEORIES, AND CONCEPTS RELATIVE TO HEALTH COMMUNICATION. TOPICS INCLUDE STUDYING THE INTERPERSONAL, ORGANIZATIONAL, AND MEDIATED COMMUNICATION OCCURRING IN HEALTH CARE AND PUBLIC HEALTH SETTINGS, AND UNDERSTANDING WHY EFFECTIVE COMMUNICATION CONtributes TO POSITIVE HEALTH OUTCOMES.  
Course delivery is WWW

**INDEPENDENT STUDY**  COMST 490  1- 3 CREDITS  
Prereq: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION  
Note: Instructor permission required.  
******  SEE DEPT FOR REFERENCE NUMBERS

**RESEARCH PRACTICUM**  COMST 491  VAR. CREDITS  
Prereq: COMST 203, COMST 301, AND PERMISSION OF INSTRUCTOR  
******  SEE DEPT FOR REFERENCE NUMBERS

**PROFESNL INTERNSHP**  COMST 497  1- 3 CREDITS  
Note: Instructor permission required.  
******  SEE DEPT FOR REFERENCE NUMBERS

**RESEARCH SEMINAR**  COMST 504  3 CREDITS  
Prereq: COMST 301 PLUS 3 ADDITIONAL COMMUNICATION STUDIES CLASSES FROM THE FOLLOWING LIST: COMST 310, COMST 311, COMST 313, COMST 314, COMST 317, COMST 319, COMST 325, OR COMST 330; GRADUATE STANDING  
4421005  1 TR 12:40-1:55  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
4421010  2 TR 12:40-1:55  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**SPECIAL TOPICS**  COMST 590  1- 4 CREDITS  
Note: Instructor permission required.  
******  SEE DEPT FOR REFERENCE NUMBERS

**COMMUNITY & REGIONAL PLANNING**

**N AMER METROPOLIS**  C R P 201  3 CREDITS  
Note: MEETS U.S. diversity reqmt  
2752005  1 MN 8:50-9:40  F 8:50-9:40  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
2752010  2 MN 8:50-9:40  F 8:50-9:40  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**FUND GEOG INFO SYST**  C R P 251  3 CREDITS  
9667005  1 M 9:55-10:45  W 4:25-5:15PM  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
9667010  2 M 9:55-10:45  F 9:55-10:45  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
9667015  3 M 9:55-10:45  R 9:00-10:50  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction
COMMUNITY & REGIONAL PLANNING (CONTINUED)

ENVIRONMENTAL PLANNING  C R P 293  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: This course is a 2-part course. Students must register for a lecture section first and then a lab section. Students who don't register for both lecture & lab should drop the course due to incomplete registration.
2384100 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
2384005 1 T 12:40-1:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2384010 2 T 1:40-2:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2384015 3 R 12:40-1:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2384020 4 R 1:40-2:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

U.S. HOUSING POLICY  C R P 325  3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Instructor permission required.
0998005 1 TR 11:00-12:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2386005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Department permission required.

COMMUNITY & REGIONAL PLANNING (CONTINUED)

PRACTICUM  C R P 330  1- 3 CREDITS
Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING Satisfactory-Fail Only.
2388005 1 TR 9:30-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FIELD TRAVEL  C R P 391  1- 2 CREDITS
Prereq: C R P MAJOR, PERMISSION OF ADVISER
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2021 Satisfactory-Fail Only.
2402005 1 TR 9:30-10:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

DEVL COUNTRIES PLAN  C R P 429  3 CREDITS
Prereq: JUNIOR CLASSIFICATION
2988005 1 TR 12:40-1:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

RESILIENT ENVIRONMENTS  C R P 550  3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND INDEPENDENT STUDY PERMISSON
9415005 1 TR 11:00-12:15
MEETS: W 2:15-8:05PM
Note: Course delivery is On-site instruction

REAL ESTATE DEVELOPMENT  C R P 526  3 CREDITS
Prereq: ENROLLMENT IN MRED OR INSTRUCTOR PERMISSION
0158005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

COMMUNITY PLAN STUDIO  C R P 432  4- 6 CREDITS
Prereq: C R P 201, C R P 301, C R P 383, OR PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 6 CREDITS FALL 2021 FIELD TRIPS & TRAVEL FEE: $25.00 - $100.00
2391005 1 MW 12:05-3:15
MEETS: AUG 23-DEC 17
Note: Department permission required.
Course delivery is On-site instruction
Materials, field trips &/or travel fee $25.00-$150.00

SMART SUSTAINABLE CITIES  C R P 455  3 CREDITS
0277005 1 MW 1:10-2:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GIS PROGRAM AUTOMATIZATION  C R P 456  3 CREDITS
Prereq: C R P 351 OR EQUIVALENT OR PERMISSION OF INSTRUCTOR
5720010 1 MF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5720700 2 ARRANGED
MEETS: AUG 23-DEC 17
Note: PERMISSION OF DEPARTMENT REQUIRED TO REGISTER Department permission required.
Course delivery is WWW
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<td>GIS PROGRMG&amp;AUTOMAT</td>
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<td>C R P 560</td>
<td>SOCIAL JUSTICAPLANN</td>
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<td>C R P 563</td>
<td>PLAN AMER METROPOLIS</td>
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<td>C R P 544</td>
<td>GRANT WRITING</td>
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<td>C R P 590A</td>
<td>SPL TOP PLAN LAW,ADM</td>
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<td>C R P 590B</td>
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<td>C R P 590C</td>
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<td>C R P 590V</td>
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### COMPUTER ENGINEERING

#### PROG ORIENTATN CPR E 166  R CREDIT

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Note: COURSE RESTRICTED TO CPR E, CYB E, E E MAJORS ONLY

#### INTRO PROBLM SOLV I CPR E 185  3 CREDITS

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Note: Course delivery is On-site instruction

### COMPUTER ENGINEERING (CONTINUED)

#### INTRO PROBLM SOLV I CPR E 185  3 CREDITS

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Note: Course delivery is On-site instruction

#### CYBER SECUR FUNDMTL CPR E 230  3 CREDITS

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<td>9703005</td>
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Note: Course delivery is On-site instruction

#### TRANSFER ORIENTATIO CPR E 261  R CREDIT

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<td>9198005</td>
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Note: Course delivery is On-site instruction

#### DIG LOGC,PROCSR, P I CPR E 281  4 CREDITS

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<td>7312025</td>
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<td>MWF 2:15-3:05</td>
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Note: Course delivery is On-site instruction

#### CMNTY LEADHSP&CAP C DEV 522  3 CREDITS

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Note: Course delivery is On-site instruction
### COMPUTER ENGINEERING (CONTINUED)

**DIST&NETWKR CPR E 454** 3 CREDITS

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<tr>
<td>7291005</td>
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**REAL TIME SYSTEMS CPR E 458** 3 CREDITS

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**DIGITAL VLSI DESIGN CPR E 465** 4 CREDITS

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**DIGITAL VLSI DESIGN CPR E 465** 4 CREDITS

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**MULTIDISCR CPR E 466** 3 CREDITS

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<td>2271005</td>
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**INDEPENDENT STUDY CPR E 490** VAR. CREDITS

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<tr>
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**SR DESIGN PROJ II CPR E 492** 2 CREDITS

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<td>2765005</td>
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**PORTFOLIO ASSESSMT CPR E 494** R CREDIT

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### COMPUTER ENGINEERING (CONTINUED)

**COOPERATIVE EDUCAT CPR E 398** R CREDIT

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**HONORS INDEPENDENT STUDY CPR E 490H** VAR. CREDITS

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**SR DESIGN PROJ II CPR E 492** 2 CREDITS

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**INDEPENDENT STUDY CPR E 490** VAR. CREDITS

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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prereq</th>
<th>Instructor</th>
</tr>
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<tbody>
<tr>
<td>1590005</td>
<td>STUDENT MUST BE WITHIN 2 SEMESTERS OF GRADUATION</td>
<td>VAR.</td>
<td>MEETS: AUG 23-DEC 17</td>
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**SR DESIGN PROJ II CPR E 492** 2 CREDITS

<table>
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<tr>
<th>Course Code</th>
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<th>Prereq</th>
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<tr>
<td>2765005</td>
<td>CPR E 491 OR E E 491 OR S E 491</td>
<td>2</td>
<td>MEETS: AUG 23-DEC 17</td>
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**HONORS INDEPENDENT STUDY CPR E 490H** VAR. CREDITS

<table>
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<th>Credits</th>
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<tbody>
<tr>
<td>1590005</td>
<td>STUDENT MUST BE WITHIN 2 SEMESTERS OF GRADUATION</td>
<td>VAR.</td>
<td>MEETS: AUG 23-DEC 17</td>
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**SFTW SYS DAT ANALYT CPR E 414** 4 CREDITS

<table>
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<tbody>
<tr>
<td>0196005</td>
<td>CPR E 315 OR CPR E 398; OR COM S 311 OR COM S 352</td>
<td>4</td>
<td>MEETS: AUG 23-DEC 17</td>
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</table>

**SFTW E SAFETY ANALY CPR E 421** 3 CREDITS

<table>
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<tr>
<td>0028005</td>
<td>CPR E 310 OR CPR S 320</td>
<td>3</td>
<td>MEETS: AUG 23-DEC 17</td>
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**INTR HI PRFM CMPTG CPR E 424** 3 CREDITS

<table>
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<th>Course Code</th>
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<tbody>
<tr>
<td>9829005</td>
<td>CPR S 265, MATH 207 OR MATH 317; OR PERMISSION OF INSTRUCTOR</td>
<td>3</td>
<td>MEETS: AUG 23-DEC 17</td>
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**SFTWKR PROTOCOLS&SECUR CPR E 430** 3 CREDITS

<table>
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<tr>
<th>Course Code</th>
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<th>Instructor</th>
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<tr>
<td>9386005</td>
<td>CPR E 398 OR CPR E 252 OR COM S 352</td>
<td>3</td>
<td>MEETS: AUG 23-DEC 17</td>
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**INFO SYST SECURITY CPR E 431** 3 CREDITS

<table>
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<th>Course Code</th>
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<tr>
<td>8650005</td>
<td>CPR E 308 OR ENRLMT IN CPR E 308 OR CPR E 499</td>
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<td>MEETS: AUG 23-DEC 17</td>
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**OPORTFOLIO ASSESSMT CPR E 494** R CREDIT

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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<th>Prereq</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>2279005</td>
<td>CPR E 491 OR E E 491 OR S E 491</td>
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<td>MEETS: AUG 23-DEC 17</td>
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**REAL TIME SYSTEMS CPR E 458** 3 CREDITS

<table>
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<th>Course Code</th>
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<tr>
<td>4510005</td>
<td>CPR E 308 OR COM S 352</td>
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**DIGITAL VLSI DESIGN CPR E 465** 4 CREDITS

<table>
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<th>Course Code</th>
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<tbody>
<tr>
<td>1899005</td>
<td>CPR E 288 OR COM S 327</td>
<td>4</td>
<td>MEETS: AUG 23-DEC 17</td>
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**MULTIDISCR CPR E 466** 3 CREDITS

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<tr>
<td>2271005</td>
<td>CPR E 288 OR COM S 327</td>
<td>3</td>
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**INDEPENDENT STUDY CPR E 490** VAR. CREDITS

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<tbody>
<tr>
<td>1590005</td>
<td>STUDENT MUST BE WITHIN 2 SEMESTERS OF GRADUATION</td>
<td>VAR.</td>
<td>MEETS: AUG 23-DEC 17</td>
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**SR DESIGN PROJ II CPR E 492** 2 CREDITS

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<tr>
<td>2765005</td>
<td>CPR E 491 OR E E 491 OR S E 491</td>
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<td>MEETS: AUG 23-DEC 17</td>
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**PORTFOLIO ASSESSMT CPR E 494** R CREDIT

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<td>MEETS: AUG 23-DEC 17</td>
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**REAL TIME SYSTEMS CPR E 458** 3 CREDITS

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<td>4510005</td>
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**DIGITAL VLSI DESIGN CPR E 465** 4 CREDITS

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<td>1899005</td>
<td>CPR E 288 OR COM S 327</td>
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<td>MEETS: AUG 23-DEC 17</td>
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</table>
COMPUTER ENGINEERING                      (CONTINUED)

DSN ANALYSIS ALGTHM CPR E 511  3 CREDITS
Prereq: COM S 311
5651005  1 MWF 11:10-2:00  EULENSTEIN O
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CONCURRENT SYSTEMS CPR E 527  3 CREDITS
Prereq: CPR E 352
0308005  1 MWF 8:50-9:40  JANNESARI A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

NTWK PROTOCOL SECUR CPR E 530  3 CREDITS
Prereq: CPR E 308 OR CPR E 252 OR CPR E 306 OR MIS 355
Note: On campus sections restricted to E CPE, CPR E 300,
CPR E 350, OR ENROLLMENT IN BIOL 345, GEN 409, STAT 430
4537005  1 MWF 12:15-1:05  MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INFO SYSTM SECURITY CPR E 531  3 CREDITS
Prereq: CPR E 489 OR CPR E 530 OR CPR E 536 OR
6039005  1 TR 1:10-2:00  EULENSTEIN O
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

WIRELESS NETWK ARCH CPR E 543  3 CREDITS
Prereq: CPR E 489 OR CPR E 530
6039005  1 MWF 8:50-9:40  MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FUND BIOINFORMATICS CPR E 544  4 CREDITS
Prereq: MATH 165 OR STAT 410 OR EQUIVALENT
8549005  1 MWF 11:00-11:50  R 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

DISTRIBUTED SYSTEMS CPR E 554  3 CREDITS
Prereq: COM S 311, CPR E 350 OR CPR E 308;
GRADUATE STANDING OR PERMISSION OF INSTRUCTOR
7292005  1 MWF 3:20-4:10  ZHANG W
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SOFTWARE ENG CPR E 557  3 CREDITS
Prereq: CPR E 489 OR INSTRUCTOR PERMISSION
2985005  1 TR 2:10-3:30  MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MICROPROCESSORS CPR E 627  3 CREDITS
Prereq: CPR E 489 OR INSTRUCTOR PERMISSION
2985005  1 TR 2:10-3:30  MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SPECIAL TOPICS CPR E 590  1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

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

COMPUTER SCIENCE                      (CONTINUED)

ORIENTATION CPR E 699  VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9238050   8 W 9:55-10:45
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9238045   7 W 11:00-11:50
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9238050   8 W 9:35-10:15
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9238050   8 W 12:05-1:55
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9237205   A MWF 11:10-12:00
KAUTZ S
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9237210   B MWF 12:10-1:00
KAUTZ S
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9237215   C MWF 1:10-2:00
KAUTZ S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9237220   D MWF 2:10-3:00
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9237205   A MWF 12:05-1:55
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9237210   B MWF 12:10-1:00
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MEETS: AUG 23-DEC 17
9237215   C MWF 1:10-2:00
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MEETS: AUG 23-DEC 17
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9237220   D MWF 2:10-3:00
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MEETS: AUG 23-DEC 17
9237205   A MWF 12:05-1:55
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9237220   D MWF 2:10-3:00
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9237205   A MWF 12:05-1:55
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9237210   B MWF 12:10-1:00
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MEETS: AUG 23-DEC 17
9237215   C MWF 1:10-2:00
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9237220   D MWF 2:10-3:00
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9237205   A MWF 12:05-1:55
Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17
9237210   B MWF 12:10-1:00
Note: Course delivery is On-site instruction
COMPUTER SCIENCE

INTRO OPERATING SYS
COM S 352  3 CREDITS
Prereq: COM S 321 OR CPR E 381; COM S 327 OR CPR E 288; ENGL 250
Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.

FALL 2021

DSN ANALYSIS ALGTHR
COM S 311  3 CREDITS
Note: Course delivery is On-site instruction

2688100  A MWF 12:05-12:55  TAN C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO DATABASES
COM S 363  3 CREDITS
Prereq: C- OR BETTER IN COM S 228; C- OR BETTER IN MATH 165; ENGL 250
Note: Course delivery is On-site instruction

2689010  A MWF 9:30-10:45  LI Q
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

COOPERATIVE EDUCATN
COM S 398  3 CREDITS
Prereq: PERMISSION OF DEPARTMENT CHAIR
Note: Instructor permission required.

2691005  1 ARRANGED
MEETS: AUG 23-DEC 17

APPLIED FORMAL METHODS
COM S 407  3 CREDITS
Prereq: AER E 361 FOR AER E MAJORS. COM S 311 FOR COM S MAJORS. AER E 361 OR COM S 311, OR EQUIVALENT COURSE, PLUS INSTRUCTOR PERMISSION FOR OTHER MAJORS.

0649005  1 TR 11:00-12:15  ROZIER K
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SOFTWARE REQMTS
ENGR S 409  3 CREDITS
Prereq: COM S 309

8508005  1 TR 9:30-10:45  LUTZ R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

DISTRIBUTIVE
COM S 410  3 CREDITS
Prereq: COM S 228, COM S 309, COM S 327 OR CPR E 228

9354005  1 M 6:10-9:35PM  CHANG C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SMART HOME GERONTEC
COM S 414  3 CREDITS
Prereq: COM S 227 OR COM S 207 OR GERON 377

2781005  1 TR 3:10-5:30PM  CHANG C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTR HI PRFM CMPUTG
COM S 424  3 CREDITS
Prereq: MATH 265; MATH 207 OR MATH 317, OR PERMISSION OF INSTRUCTOR

9828005  1 TR 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

THEORY OF COMPUTING
COM S 331  3 CREDITS
Prereq: C- OR BETTER IN COM S 228, MATH 166, AND IN COM S 230 OR CPR E 281, ENGL 250
Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.

2686100  A MWF 8:50-9:40  LUTZ J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

2686005  1 R 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

2686010  2 R 3:40-4:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

APPLIED INFORMATICS
COM S 353  3 CREDITS
Prereq: C- OR BETTER IN COM S 228, MATH 165, AND IN COM S 230 OR CPR E 281, ENGL 250
Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.

2687005  A TR 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

2687010  B TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

2687100  1 M 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

2687105  2 T 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

2687110  3 W 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
LG DATA SET ALGTHM  COM S 435  3 CREDITS
Prereq: COM S 311 OR EQUIVALENT
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

DISTANETWK OPER SYS  COM S 454  3 CREDITS
Prereq: COM S 311, STAT 330 OR STAT 305 OR
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

PRIN ARTIFICIAL INTELL  COM S 472  3 CREDITS
Prereq: COM S 311, STAT 330 OR STAT 305 OR
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

INTRO MACHINE LANG  COM S 474  3 CREDITS
Prereq: COM S 311, STAT 330 OR STAT 305 OR
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

INDEPENDENT STUDY  COM S 490 VAR. CREDITS
Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR
MEETS: AUG 23-DEC 17
Note: See dept for reference numbers.

INDEP STUDY HONORS  COM S 490H VAR. CREDITS
Prereq: 6 CREDITS IN COM S, PERMISSION OF INSTRUCTOR
MEETS: AUG 23-DEC 17
Note: No more than 9 credits of COM S 490 OR
COM S 490H may be applied toward graduation.
Instructor permission required 1st week.

APPLIED FORMAL METHODS  COM S 507  3 CREDITS
Prereq: AER 361 OR AER E MAJORS.
COM S 311 FOR
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

SOFTWARE REQUIREMENTS  ENGR  COM S 509  3 CREDITS
Prereq: COM S 309; FOR GRADUATE CREDIT: GRADUATE
STANDING OR PERMISSION OF INSTRUCTOR.
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

CONCURRENT SYSTEMS  COM S 527  3 CREDITS
Prereq: COM S 352
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

LG DATA SET ALGTHM  COM S 535  3 CREDITS
Prereq: COM S 311 OR EQUIVALENT
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

DISTRIBUTED SYSTEMS  COM S 554  3 CREDITS
Prereq: COM S 311, COM S 352 OR CPR E 308;
GRADUATE STANDING OR PERMISSION OF INSTRUCTOR.
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

BIOINFORMATICS  COM S 557  3 CREDITS
Prereq: M E 421 OR INSTRUCTOR PERMISSION
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

STRUCT BIOMFTCS  COM S 569  3 CREDITS
Prereq: BCR 567, BCR 616, GEN 409, STAT 430
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

BIOINFMTC ALGORITHMS  COM S 567  3 CREDITS
Prereq: COM S 228, COM S 330; CREDIT OR ENROLLMENT IN BIDL 315, STAT 430
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

INTRO MACHINE LANG  COM S 573  3 CREDITS
Prereq: COM S 311, STAT 330 OR STAT 305 OR
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

MACHINE LEARNING  COM S 573  3 CREDITS
Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSION
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

BIOINFMTC ALGORITHMS  COM S 567  3 CREDITS
Prereq: COM S 228, COM S 330; CREDIT OR
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

DISTRIBUTED SYSTEMS  COM S 554  3 CREDITS
Prereq: COM S 311, COM S 352 OR CPR E 308;
GRADUATE STANDING OR PERMISSION OF INSTRUCTOR.
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

INTELLIGENT DATA BASES  COM S 561  3 CREDITS
Prereq: COM S 311 OR PERMISSION OF INSTRUCTOR
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

INTELLIGENT DATABASES  COM S 561  3 CREDITS
Prereq: COM S 311 OR PERMISSION OF INSTRUCTOR
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
CONSTRUCTION ENGINEERING (CONTINUED)

CONCRETE STEEL CONSTRUCTION
PreReq: E M 324 AND CON E 222; OR CON E 230 IN ENGR 230H
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MECHANICAL SYSTEMS IN BUILDINGS
PreReq: CON E 222, CON E 251, PHYS 232 AND PHYS 232L, OR PERMISSION OF INSTRUCTOR
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ELECTRICAL SYSTEMS IN BUILDINGS
PreReq: PHYS 232 AND PHYS 232L AND CREDIT OR ENROLLMENT IN CON E 232; OR PERMISSION OF INSTRUCTOR
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CONSTRUCTION ENGINEERING (CONTINUED)

CONSTRUCTION LAW
PreReq: JUNIOR CLASSIFICATION
Note: SBC A1 RESTRICTED TO CON E MAJORS ONLY
SBC A2 RESTRICTED TO MAJORS OTHER THAN CON E
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MECHANICAL EQUIPMENT DESIGN I
PreReq: CON E 340 (B,H), CON E 352 (B,E,M), CON E 353 (B,E,M), OR CON E 422, CON E 441. STUDENT MUST BE WITHIN TWO SEMESTERS OF GRADUATING.
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CONSTRUCTION PLAN, SCHED, AND CONTROL
PreReq: CREDIT IN CON E 422
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INDEPENDENT STUDY
PreReq: PERMISSION OF INSTRUCTOR
Note: Course delivery is On-site instruction
### FALL 2021

#### CRIMINAL JUSTICE (CONTINUED)

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#### YOUTH & CRIME

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RES PRB CYB SEC 634 3 CREDITS
Prereq: CPR E 530, CPR E 531, PERMISSION
0423005 1 F 12:30-2:30, ARRANGED, ADAMS C
Note: Instructor permission required. Course delivery is On-site instruction

CYBER SECURITY ENGINEERING
CYBER SEC CUR FUNDMTL C Y B E 230 3 CREDITS
Prereq: COM S 227, OR E 285, OR MIS 207
0136005 1 TR 8:00-8:50
R 9:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
0136010 2 TR 8:00-8:50
F 8:50-10:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
0136015 3 TR 8:00-8:50
W 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
0136020 4 TR 8:00-8:50
R 11:00-12:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
0136025 5 TR 8:00-8:50
F 12:00-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
0156005 1 R 5:30-8:30PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

DANCE
MODERN DANCE I DANCE 120 1 CREDIT
Prereq: SATISFAC-TO-FUL ONLY.
2838005 1 MW 11:00-12:15
ADAMS C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Material and professional support fee $25.00
BALLET I DANCE 130 1 CREDIT
Prereq: SATISFAC-TO-FUL ONLY.
2839005 1 TR 12:40-1:15
ADAMS C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Material and professional support fee $25.00
JAZZ I DANCE 140 1 CREDIT
Prereq: SATISFAC-TO-FUL ONLY.
2840005 1 TR 12:40-1:15
BAKER J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
TAP DANCE I DANCE 150 1 CREDIT
Prereq: SATISFAC-TO-FUL ONLY.
2841005 1 TR 12:40-1:15
BAKER J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
BALLROOM DANCE I DANCE 160 1 CREDIT
Prereq: SATISFAC-TO-FUL ONLY.
2842005 1 TR 12:40-1:15
BAKER J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Material and professional support fee $25.00
2842010 2 TR 12:40-1:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Material and professional support fee $25.00
MODERN DANCE COMPOS DANCE 220 2 CREDITS
Prereq: 120 OR PREVIOUS MODERN DANCE EXPERIENCE
2846005 1 TR 2:10-4:00
ADAMS C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

DATA SCIENCE
ORIENTATN DATA SCI DS 110 1 R CREDIT
Prereq: SATISFAC-TO-FUL ONLY.
0008005 1 T 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
INTRO DATA SCIENCE DS 201 3 CREDITS
Prereq: 1/1 YEARS OF HIGH SCHOOL ALGEBRA
9812005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
DATA ACQUISNS/ANLYSIS DS 202 3 CREDITS
Prereq: DS 201, ONE OF STAT 101, STAT 104, STAT 105, STAT 201, STAT 226, STAT 305, STAT 322, STAT 330
9884005 1 TR 8:00-9:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
APP DATA MODELING LS 301 3 CREDITS
Prereq: DS 202, ONE OF STAT 101, STAT 104, STAT 105, STAT 201, STAT 226, STAT 305, STAT 322, STAT 330
9887005 1 TR 8:00-9:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
design thinking  DES 230  3 CREDITS
4957005  1 MW 11:00-12:20  LUZ A
Note: Course delivery is On-site instruction

Colleges Other Than Design.

Design majors. Even-numbered sections restricted to
Note: Odd-numbered sections restricted to college of
Design majors. Even-numbered sections restricted to
colleges other than Design.
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**Instructor Permission Required for All Sections**
DESIGN STUDIES (CONTINUED)

DESIGN IN CONTEXT DSN S 183 3 CREDITS
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MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945040 8 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945045 9 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945050 10 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945055 11 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945060 12 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945065 13 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945070 14 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945075 15 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945080 16 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945085 17 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945090 18 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945095 19 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: SEC 19 RESTRICTED TO COLLEGE OF DESIGN MAJORS ONLY
Course delivery is On-site instruction
5945100 20 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: SEC 20 RESTRICTED TO COLLEGE OF DESIGN MAJORS ONLY
Course delivery is On-site instruction
5945105 21 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: SEC 21 RESTRICTED TO COLLEGE OF DESIGN MAJORS ONLY
Course delivery is On-site instruction
5945110 22 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: SEC 22 RESTRICTED TO COLLEGE OF DESIGN MAJORS ONLY
Course delivery is On-site instruction
5945115 23 TR 2:10-3:00
MEETS: AUG 23-DEC 17
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Course delivery is On-site instruction
5945120 24 TR 2:10-3:00
MEETS: AUG 23-DEC 17
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5945125 25 TR 2:10-3:00
MEETS: AUG 23-DEC 17
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Course delivery is On-site instruction
5945130 26 TR 2:10-3:00
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Note: Course delivery is On-site instruction
5945135 27 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945140 28 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945145 29 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5945150 30 TR 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

DEPARTMENT OF NUTRITION AND DIETETICS

**FALL 2021**

**DIETETICS (CONTINUED)**

| Course Code | Course Title | Credits | Prerequisites | Delivery Method
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**DESIGN STUDIES (CONTINUED)**

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**EARLY CHILDCARE EDUCATION AND PROGRAMMING**

| Course Code | Course Title | Credits | Prerequisites | Delivery Method
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**Course Delivery:**

- **On-site Instruction**
- **WWW**
### Early Childcare Education and Programming (Continued)

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### Ecology, Evolution & Organismal Biology

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### ECONOMICS

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**Notes:**
- Course delivery is On-site instruction.
- MEETS: AUG 23-DEC 17
- Note: SEC 8 RESTRICTED TO AG B, P S A, AG SO MAJORS.
ECONOMICS (CONTINUED)

CAREER SEM: AG BSNSS ECON 292A 1 CREDIT
Note: Credit for only one of the following courses may be applied toward graduation:
ECON 292, ECON 292A, ECON 292B
3743005 1 M 12:05-12:55 BRANDAU A
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction

INTERNSHIP ECON 297 2 CREDITS
Prereq: Instructor permission, major in ag business or economics
Note: No more than 4 credits of ECON 297 may be applied toward graduation
Satisfactory-Fail Only.
2040005 1 M 9:30-10:50 LUVAGA E
MEETS: AUG 23-DEC 17
Section info: http://www.econ.iastate.edu
COOPERATIVE EDUC ECON 298 R CREDIT
Prereq: Permission of the dept cooperative education coordinator; Sophomore classification
Note: Instructor permission required.
4834005 1 ARRANGED LUVAGA E
MEETS: AUG 23-DEC 17
INTERMED MICROECON ECON 301 3-4 CREDITS
Prereq: ECON 101; ECON 207 or math 166
Note: Course only offered for 4 credits fall 2021
3101005 1 TR 11:00-12:15 OH M
Z 2:10-4:00 OH M
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
3101010 2 TR 11:00-12:15 OH M
Z 2:10-4:00 OH M
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
3101015 3 MF 9:55-10:40 CLANCY M
W 2:10-4:00 CLANCY M
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction
Section info: http://www.econ.iastate.edu
INTERMED MACROECON ECON 302 3 CREDITS
Prereq: ECON 101, ECON 102; math 160 or math 165
3102005 1 TR 2:10-3:25 BHATTACHARYA J
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction
Section info: http://www.econ.iastate.edu/undergraduate-programs/courses

ECONOMICS OF SPORTS ECON 313 3 CREDITS
Prereq: ECON 101
4910005 1 TR 11:00-12:15 DEITER R
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction
Section info: http://www.econ.iastate.edu/undergraduate-programs/courses

ECON OF DISCRIMINAT ECON 321 3 CREDITS
Prereq: ECON 101
Note: Meets U.S. diversity reqmt
3116005 1 TR 13:00-11:50 ORAZEM P
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction

ADV FARM BSNSS MGMT ECON 330 3 CREDITS
Prereq: ECON 230
3182005 1 TR 12:40-1:55 PLASTINA A
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction

COOPERATIVES ECON 332 3 CREDITS
Prereq: ECON 101
3181005 1 TR 9:30-10:45 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction

ENTREPRENEURSHIP AG ECON 334 3 CREDITS
Prereq: ECON 100
6836005 1 TR 2:10-3:25 KIMLE K
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction

INTEGRAL ECONOMICS ECON 371 4 CREDITS
Prereq: ECON 301, ECON 302 OR ECON 353, STAT 326
2790005 1 TR 11:00-12:15 REDAGNI D
F 11:00-12:15 REDAGNI D
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction
Section info: http://www.econ.iastate.edu/undergraduate-programs/courses

COOPERATIVE EDUC ECON 398 R CREDIT
Prereq: Permission of the dept cooperative education coordinator; Sophomore classification
Note: Permission of adviser required.
4835005 1 ARRANGED LUVAGA E
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction

INTERMED ECONOMICS ECON 410X 3 CREDITS
Prereq: ECON 301
0776000 1 TR 5:30-8:20PM HOFFMAN E
MEETS: AUG 23-DEC 17
Note: Course delivery is on-line

INDUSTRIAL ORGANZTN ECON 416 3 CREDITS
Prereq: ECON 301
3184005 1 MWF 8:50-9:40 KIM D
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction

INTRO GAME THEORY ECON 418 3 CREDITS
Prereq: ECON 301
9091005 1 TR 9:30-10:45 LI J
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction

MANAGERIAL ECONOMICS ECON 431 3 CREDITS
Prereq: ECON 301
3173005 1 MWF 1:10-2:00 KIM D
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction

COMM MGTG&RSK MG ECON 437 3 CREDITS
Prereq: ECON 235, ECON 301, STAT 326
7572005 1 TR 11:00-12:15 DEPAULA G
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction

AGRICULTURAL FINANCE ECON 466 3 CREDITS
Prereq: ECON 301, STAT 226, FIN 301 and ECON 353
(Recommended)
3183005 1 TR 12:40-1:55 CRESPI J
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction
Section info: http://www.econ.iastate.edu/undergraduate-programs/courses

INTERMED ENVIR&RESOU ECON 480 3 CREDITS
Prereq: ECON 301 OR ECON 501
3187005 1 MWF 2:15-3:05 JACQUZ I
MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction

INDEPENDENT STUDY ECON 490 1-5 CREDITS
Prereq: Jsr/sr classification, 14 credits in econ
Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPREN ECON 490E 1-5 CREDITS
Prereq: Jsr/sr classification, 14 credits in econ
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ECON 499H 1-5 CREDITS
Prereq: Jsr/sr classification, 14 credits in econ
AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON 490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY COUNT NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.
Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS
ECONOMICS (CONTINUED)

GRADUATING SR SURVEY ECON 492 R CREDIT
Prereq: GRADUATING SENIOR 
Note: SECTION 6 RESTRICTED TO ECON MAJORS ONLY 
Course delivery is On-site instruction

6208005 1 R 4:10-5:00 WOHLGEMUTH D 
MEETS: AUG 23-DEC 17 
Note: SECTION 1 RESTRICTED TO ECON MAJORS ONLY 
Course delivery is On-site instruction

Section info: http://www.econ.iastate.edu/undergraduate-programs/courses

6208010 2 R 4:10-5:00 WOHLGEMUTH D 
MEETS: AUG 23-DEC 17 
Note: SECTION 2 RESTRICTED TO AG B MAJORS ONLY 
Course delivery is On-site instruction

6208015 3 R 4:10-5:00 WOHLGEMUTH D 
MEETS: AUG 23-DEC 17 
Note: SECTION 3 RESTRICTED TO BUSEC MAJORS ONLY 
Course delivery is On-site instruction

COOPERATIVE EDUC ECON 498 R CREDIT 
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION 
Note: Permission of adviser required.

4836005 1 ARRANGED LUVAGA E 
MEETS: AUG 23-DEC 17 
Note: Course delivery is On-site instruction

QUANT MTH EC ANLY I ECON 500 4 CREDITS 
Prereq: ECON 301, MATH 160 OR MATH 165; MATH 166 
OR ECON 207; ONE OF STAT 326, STAT 341, OR ECON 371; 
AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION 

3127005 1 MW 1:10-3:00 BUNZEL H 
F 3:30-4:10 BUNZEL H 
MEETS: AUG 23-DEC 17 
Note: Course delivery is On-site instruction

RES SEM EXPRTL ECON 511X 3 CREDITS 
Prereq: ECON 510 
0713700 1 M 5:10-8:20PM HOFFMAN E 
MEETS: AUG 23-DEC 17 
Note: Course delivery is WWW

LABOR SUP & HUMAN CAP ECON 520 3 CREDITS 
Prereq: ECON 301 OR ECON 501 
3191005 1 MWF 9:55-10:45 WINTERS J 
MEETS: AUG 23-DEC 17 
Note: Course delivery is On-site instruction

MNRL EC GLOBAL ORG ECON 532 3 CREDITS 
Prereq: ENROLLMENT IN MBA OR BUS PROGRAM; NOT FOR 
ECONOMICS MAJORS 
Note: COURSE RESTRICTED TO BUSAD GRADS ONLY 

3128005 1 TR 7:30-10:45 WOHLGEMUTH D 
MEETS: OCT 12-NOV 18 
Note: Course delivery is On-site instruction

INTERNMED ENVIRARESOU ECON 580 3 CREDITS 
Prereq: ECON 301 OR ECON 501 
7643005 1 MWF 2:15-3:05 
MEETS: AUG 23-DEC 17 
Note: Course delivery is On-site instruction

ADV ENVIRONMTL ECON ECON 581 3 CREDITS 
Prereq: ECON 501 OR ECON 601 
3205005 1 MWF 8:50-9:40 DEPAULA G 
MEETS: AUG 23-DEC 17 
Note: Course delivery is On-site instruction

SPECIAL TOPICS ECON 590 1-5 CREDITS Satisfactory-Fail Only. 
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ECON 599 1-5 CREDITS Satisfactory-Fail Only. 
***** SEE DEPT FOR REFERENCE NUMBERS

MICROECON ANALYSIS I ECON 601 4 CREDITS 
Prereq: ECON 301 AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION 
Note: PERMISSION OF DIRECTOR OF ECON GRAD STUDIES REQUIRED.

3124005 1 TR 1:10-3:00 LI J 
F 11:10-3:00 LI J 
MEETS: AUG 23-DEC 17 
Note: Course delivery is On-site instruction

MACROECON ANALYSIS ECON 602 4 CREDITS 
Prereq: ECON 501, ECON 502, AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION 
Note: PERMISSION OF DIRECTOR OF ECON GRAD STUDIES REQUIRED 
TO ADD. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.

3126005 1 MW 3:30-5:00 BHATTACHARYA J 
F 11:00-12:50 BHATTACHARYA J 
MEETS: AUG 23-DEC 17 
Note: Course delivery is On-site instruction

ADV TOPIC MACROECON ECON 606 3 CREDITS 
Prereq: ECON 603, AND CREDIT OR CURRENT ENROLLMENT IN ECON 606 

3160005 1 TR 11:00-12:15 CORDOBA J 
MEETS: AUG 23-DEC 17 
Note: Course delivery is On-site instruction

AGRICULTURAL ECON II ECON 642 3 CREDITS 
Prereq: ECON 603 
2944005 1 TR 9:30-10:45 MOSCHINI G 
MEETS: AUG 23-DEC 17 
Note: Course delivery is On-site instruction

INTERNATIONAL TRADE ECON 655 3 CREDITS 
MEETS: AUG 23-DEC 17 
Note: Course delivery is On-site instruction

MICROECONOMETRICS ECON 673 3 CREDITS 
Prereq: ECON 601 AND STAT 447 OR STAT 542 
7404005 1 MN 8:00-9:20 BARTALOTTI O 
MEETS: AUG 23-DEC 17 
Note: Course delivery is On-site instruction

ADVANCED TOPICS ECON 690 1-5 CREDITS Satisfactory-Fail Only. 
***** SEE DEPT FOR REFERENCE NUMBERS

RSRC WKSHP: MTHS ECON 694A 3 CREDITS 
Prereq: ECON 603, ECON 642 
Satisfactory-Fail Only

8585005 1 W 3:30-6:10PM BHATTACHARYA J 
MEETS: AUG 23-DEC 17 
Note: Course delivery is On-site instruction

RESEARCH ECON 699 VAR. CREDITS Satisfactory-Fail Only. 
***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATION

PK-6 CSLRM TECNOGLI EDUC 201 3 CREDITS 
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY 

3015095 1 TR 11:00-11:50 CRAWFORD D 
M 10:00-11:50 
MEETS: AUG 23-DEC 17 
Note: SECTION 1 RESTRICTED TO EL ED MAJORS ONLY 
Course delivery is On-site instruction
Materials and equipment use fee $25.00

3015015 2 TR 11:00-11:50 CRAWFORD D 
W 10:00-11:50 
MEETS: AUG 23-DEC 17 
Note: SECTION 2 RESTRICTED TO EL ED MAJORS ONLY 
Course delivery is On-site instruction
Materials and equipment use fee $25.00

3015020 3 TR 11:00-11:50 CRAWFORD D 
W 12:10-2:00 
MEETS: AUG 23-DEC 17 
Note: SECTION 3 RESTRICTED TO EL ED MAJORS ONLY 
Course delivery is On-site instruction
Materials and equipment use fee $25.00

3015025 4 TR 11:00-11:50 CRAWFORD D 
R 12:10-2:00 
MEETS: AUG 23-DEC 17 
Note: SECTION 4 RESTRICTED TO EL ED MAJORS ONLY 
Course delivery is On-site instruction
Materials and equipment use fee $25.00

3015085 5 TR 11:00-11:50 CRAWFORD D 
M 12:10-2:00 
MEETS: AUG 23-DEC 17 
Note: SECTION 5 RESTRICTED TO EL ED MAJORS ONLY 
Course delivery is On-site instruction
Materials and equipment use fee $25.00

3015035 6 TR 11:00-11:50 CRAWFORD D 
T 9:00-10:50 
MEETS: AUG 23-DEC 17 
Note: SECTION 6 RESTRICTED TO EL ED MAJORS ONLY 
Course delivery is On-site instruction
Materials and equipment use fee $25.00

TECH LRN, CRT, COLLAB EDUC 203 1 CREDIT 
Satisfactory-Fail Only

0337005 1 W 4:25-5:15, ARRANGED 
MEETS: AUG 23-DEC 17 
Note: MUST ATTEND A MINIMUM OF 5 LABS OFFERED IN 2 
HOUR BLOCKS BETWEEN 12PM-4PM ON FRIDAYS. SECTION 1 
IS GEARED TOWARDS STUDENTS INTERESTED IN STEM FIELDS. 
Course delivery is On-site instruction

0337010 2 W 4:25-5:15, ARRANGED 
MEETS: AUG 23-DEC 17 
Note: MUST ATTEND A MINIMUM OF 5 LABS OFFERED IN 2 
HOUR BLOCKS BETWEEN 12PM-4PM ON FRIDAYS. SECTION 2 
IS GEARED TOWARDS STUDENTS INTERESTED IN ARTS/HUMANITIES FIELDS. 
Course delivery is On-site instruction
SOC FOUND SEC DRY ED EDUC 204 3 CREDITS
Note: This course is designed for secondary and P-12 teacher education students.

6278005 1 TR 9:30-10:45 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

6278010 2 TR 11:00-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

6278015 3 MW 2:15-3:30 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

6278020 4 TR 12:40-1:55 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

6278025 5 MW 3:40-4:55 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

SOC FOUND EDUC ELEM EDUC 205 3 CREDITS

6178005 1 TR 11:00-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

6178010 2 TR 2:10-3:25 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

6178015 3 MW 2:15-3:30 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

6178020 4 TR 12:40-1:55 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

6178025 5 MW 11:00-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

6178030 6 MW 12:40-1:55 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

ORIENTATION TEACHER ED EDUC 216 1 CREDIT
Prereq: First Semester freshman in Education.

8889005 1 TR 3:40-4:30 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

ORIENTATION EDUC HUMAN S EDUC 219 1 CREDIT
Prereq: Students seeking teacher licensure in Family Consumer Sciences, History, Math, and Science in Grades 5-12.

1863005 1 W 12:05-1:30 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

NATURAL SCIENCE EDUC 245 3 CREDITS
Prereq: EDUC 200 or sophomore classification.

3238005 1 MW 12:05-1:30 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

3238010 2 MW 12:05-1:30 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

3238015 3 MW 8:50-10:05 MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

PRE-STUDY EXPERIENCE EDUC 280A 1-2 CREDITS
Prereq: Admitted to the Educator Preparation Program.

Note: EDUC 280A may be taken more than once for credit toward graduation. Students must reserve two mornings or two afternoons per week for site visits.

6279025 1 W 11:00-2:00, ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

6279010 2 ARRANGED MEETS: AUG 23-DEC 17
Note: Instructor permission required.

EXP I EDUC TECHNOLOGY EDUC 280B 1 CREDIT
Prereq: EDUC 201 or EDUC 202 or EDUC 203
Note: EDUC 280B may be taken more than once for credit toward graduation. Students must reserve one morning or one afternoon per credit for site visits.

6280005 1 ARRANGED KARAKAYA MEETS: AUG 23-DEC 17

EXP I EDUC SECONDARY EDUC 280L 1-2 CREDIT
Note: EDUCA 280L may be taken more than once for credit toward graduation. Students must reserve one morning or one afternoon per credit for site visits.

2843025 1 W 12:05-1:55, ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is on-site instruction.

PRE-STUDY EXPERIENCE EDUC 280S 1 CREDIT
Prereq: Admitted to the Educator Preparation Program.

Note: EDUC 280S may be taken more than once for credit toward graduation. Students should reserve a 4-hour block of time for school experiences.

7941005 1 ARRANGED MEETS: AUG 23-DEC 17

EXPERC I EDUC TUTORING EDUC 280T 1 CREDIT
Note: Course delivery is on-site instruction.

9375005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Department permission required.

INDEPENDENT STUDY EDUC 290 1-3 CREDITS
Prereq: Permission of department chair.

INTRO EDUC TECHNOLOGY EDUC 303 1 CREDIT
Prereq: EDUC 203X.

Note: Department permission required.

INDEPENDENT STUDY EDUC 315 1 CREDIT
Prereq: EDUC 203X.

Note: Department permission required.

INDEPENDENT STUDY EDUC 405 1 CREDIT
Prereq: Permission of DEPT CHAIR.

Note: Course delivery is on-site instruction.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Description</th>
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<tr>
<td>9051005</td>
<td>1 A</td>
<td>MINIMUM GPA OF 2.5; ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OFCOORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING</td>
<td>STUDNT TCH MATH EDUC 417C VAR. CREDITS</td>
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<td>STUDNT TCH PHYS SCI EDUC 417B VAR. CREDITS</td>
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<tr>
<td>EDUC 449</td>
<td>Teaching of Science</td>
<td>3 credits</td>
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<tr>
<td>EDUC 452</td>
<td>Literacy and Aesmt</td>
<td>3 credits</td>
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<td>6584005</td>
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<td>Aug 23-Dec 17</td>
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<td>4884010</td>
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<td>Aug 23-Dec 17</td>
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<td>2 M 5:10-8:00PM</td>
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<td>Aug 23-Dec 17</td>
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<td>EDUC 468A</td>
<td>Exp Iii:Primry Math</td>
<td>1 credit</td>
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<td>Oct 28-Nov 21</td>
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<td>EDUC 468B</td>
<td>Exp Iii:Primry Math</td>
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<td>Aug 23-Dec 17</td>
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<td>Exp Iii:Primry Math</td>
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<td>Aug 23-Dec 17</td>
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IND STU MATH EDUC 490L - 3 CREDITS
Prereq: GPA of 2.5 or more for preceding semester
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS EDUC 490H - 3 CREDITS
Prereq: GPA of 2.5 or more for preceding semester
******* SEE DEPT FOR REFERENCE NUMBERS

TEACH LIT SECONDARY EDUC 494 - 3 CREDITS
Prereq: ENGL 310, 397, 9 OTHER CREDITS IN ENGLISH
Note: RESTRICTED TO STU IN THE UNIVERSITY MEMBERSHIP IN UNIV HONORS PROGRAM
Note: CONCURRENT ENROLLMENT IN EDUC 480E.
MEETS: AUG 23-DEC 17
Note: Instructor permission required.

EXPERIENCE III: ESL EDUC 480S - 2 CREDITS
Prereq: ENGL 219/LING 220, ADMITTED TO EDUCATOR PREPARATION PROGRAM
Note: CONCURRENT ENROLLMENT IN EDUC 480G
Instructor permission required.
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SUPVS TUTOR READING EDUC 488 - 3 CREDITS
Prereq: EDUC 378 OR EQUIVALENT; CONCURRENT ENROLLMENT IN SAME SEC OF 452 REQUIRED.
MEETS: AUG 23-DEC 17
Note: Professional support fee $100.00

EXP III: BIOLOGICAL EDUC 480D - 2 CREDITS
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM
MEETS: AUG 23-DEC 17

INDEP STU CURR CONSR EDUC 490C - 1-3 CREDITS
Prereq: GPA of 2.5 or more for preceding semester
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU PRN EDUC EDUC 490D - 1-3 CREDITS
Prereq: GPA of 2.5 or more for preceding semester
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU CURR CONSR EDUC 490D - 1-3 CREDITS
Prereq: GPA of 2.5 or more for preceding semester
******* SEE DEPT FOR REFERENCE NUMBERS

REM: 24 CREDITS IN COLLEGE MATH. ADMITTED TO THE EDUCATOR PREPARATION PROGRAM.
Note: RESTRICTED TO HIST, POL 8 MAJORS IN THE EDUCATOR PREP PROGRAM; CONCURRENT ENROLLMENT IN EDUC 480A.
8504005 1 M 6:10-9:00PM
MEETS: AUG 23-DEC 17
BREMER J
Note: Course delivery is On-site instruction

TEACH SEC SCHL MATH EDUC 497 - 3 CREDITS
Prereq: 15 CREDITS IN COLLEGE MATH. ADMITTED TO THE EDUCATOR PREPARATION PROGRAM.
MEETS: AUG 23-DEC 17
Note: Instructor permission required.

EXP III: ELECTRO EDUC 480D - 2 CREDITS
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM
MEETS: AUG 23-DEC 17

IND EPD MATH EDUC EDUC 490E - 3 CREDITS
Prereq: GPA of 2.5 or more for preceding semester
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU CURR CONSR EDUC 490D - 1-3 CREDITS
Prereq: GPA of 2.5 or more for preceding semester
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS EDUC 490H - 3 CREDITS
Prereq: GPA of 2.5 or more for preceding semester
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS EDUC 490H - 3 CREDITS
Prereq: GPA of 2.5 or more for preceding semester
******* SEE DEPT FOR REFERENCE NUMBERS

REM: 24 CREDITS IN COLLEGE MATH. ADMITTED TO THE EDUCATOR PREPARATION PROGRAM.
Note: RESTRICTED TO HIST, POL 8 MAJORS IN THE EDUCATOR PREP PROGRAM; CONCURRENT ENROLLMENT IN EDUC 480A.
8504005 1 M 6:10-9:00PM
MEETS: AUG 23-DEC 17
BREMER J
Note: Course delivery is On-site instruction

DGN LEARNING ENVIR EDUC 503 - 3 CREDITS
Prereq: EDUC 501
2794700 1 M 6:00-8:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

EVAL DIGITAL LRN ENVIR EDUC 504 - 3 CREDITS
Prereq: EDUC 501
2604700 1 R 5:10-7:30PM
MEETS: AUG 23-DEC 17
Note: Department permission required.
Course delivery is WWW
MEETS: OCT 18-DEC 17
2476020  2R ARRANGED
MEETS: AUG 23-DEC 17
4384005  1 ARRANGED
MEETS: AUG 23-DEC 17
ALGEBRA K-12 CLSRMS EDUC 508 3 CREDITS
Prereq: 6 CREDITS OF MATH; CREDIT OR ENROLLMENT IN EDUC 448 OR EDUC 497 OR EDUC 597
7172005  1 M 5:10-8:20PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GEOMETRY K-12 CLSRM EDUC 509 3 CREDITS
Prereq: 6 CREDITS OF MATH; CREDIT OR ENROLLMENT IN EDUC 448 OR EDUC 497 OR EDUC 597
4446005  1 M 5:10-8:20PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

RES TRENDS EDU TECH EDUC 512 3 CREDITS
Prereq: ADMISSION TO GRAD STUDY AND AT LEAST TWO CRSES IN RESCH AND FOUNDATIONS OF INSTRUCTIONAL TECHNCLY
4298700  1 W 6:00-8:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

MTH PRB SOLV K-12 EDUC 513 3 CREDITS
Prereq: 6 CREDITS OF MATH; CREDIT OR ENROLLMENT IN EDUC 448 OR EDUC 497 OR EDUC 597
6988005  1 W 5:10-8:20PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

STUDENT TEACH SOC ST MID EDUC 517A VAR. CREDITS
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
5919005  1A ARRANGED
MEETS: AUG 23-OCT 15
5919010  1R ARRANGED
MEETS: AUG 23-OCT 15
5919015  2A ARRANGED
MEETS: OCT 18-DEC 17
5919020  2R ARRANGED
MEETS: OCT 18-DEC 17

STUDENT TEACH MATH EDUC 517C VAR. CREDITS
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
2466005  1A ARRANGED
MEETS: AUG 23-OCT 15
2466010  1R ARRANGED
MEETS: AUG 23-OCT 15
2466015  2A ARRANGED
MEETS: OCT 18-DEC 17
2466020  2B ARRANGED
MEETS: OCT 18-DEC 17

STUDENT TEACH WORLD LANG EDUC 517G VAR. CREDITS
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
5920005  1A ARRANGED
MEETS: AUG 23-OCT 15
5920010  1R ARRANGED
MEETS: AUG 23-OCT 15
5920015  2A ARRANGED
MEETS: OCT 18-DEC 17
5920020  2R ARRANGED
MEETS: OCT 18-DEC 17

STUDENT TEACH: EARTH SCI EDUC 517J VAR. CREDITS
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
2476005  1A ARRANGED
MEETS: AUG 23-OCT 15
2476010  1R ARRANGED
MEETS: AUG 23-OCT 15
2476015  2A ARRANGED
MEETS: OCT 18-DEC 17
2476020  2R ARRANGED
MEETS: OCT 18-DEC 17

STUDENT TEACH: BASIC SCI EDUC 517M VAR. CREDITS
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
6022005  1A ARRANGED
MEETS: AUG 23-OCT 15
6022010  1R ARRANGED
MEETS: AUG 23-OCT 15
6022015  2A ARRANGED
MEETS: OCT 18-DEC 17
6022020  2R ARRANGED
MEETS: OCT 18-DEC 17

STUDENT TEACH: ELEMENT MUS EDUC 517R VAR. CREDITS
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
6022005  1A ARRANGED
MEETS: AUG 23-OCT 15
6022010  1R ARRANGED
MEETS: AUG 23-OCT 15
6022015  2A ARRANGED
MEETS: OCT 18-DEC 17
6022020  2R ARRANGED
MEETS: OCT 18-DEC 17

SECONDARY SCI MTH I EDUC 518 3 CREDITS
Prereq: EDUC 280L OR EDUC 514; GRADUATE STUDENTS MUST REGISTER CONCURRENTLY FOR EDUC 591D. ADMITTED TO THE EDUCATOR PREPARATION PROGRAM.
8169005  1 M 5:30-8:20PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

BILINGUAL&LATIN YTH EDUC 520 3 CREDITS
Prereq: EDUC 405 OR EDUC 406
8570005  1 F 1:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

THEORIES OF LEARNING EDUC 533 3 CREDITS
Prereq: GRAD CLASSIFICATION, ADMISSION TO TEACHER EDUCATION PROGRAM.
7724005  1 TR 12:40-1:15PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

NATURE OF SCIENCE EDUC 547 3 CREDITS
Prereq: ADMITTED TO THE EDUCATOR PREPARATION PROGRAM (SECONDARY SCIENCE EDUCATION) OR PERMISSION OF INSTRUCTOR
7717005  1 T 5:10-8:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CORRECTIVE READING EDUC 552 3 CREDITS
Prereq: EDUC 378 OR EQUIVALENT. CONCURRENT ENROLLMENT IN EDUC 485.
3276005  1 TR 5:10-8:30PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3276010  2 TR 5:30-8:20PM
MEETS: AUG 23-DEC 17
Note: SEC 2 RESTRICTED TO EL ED MAJORS PURSUING THE INSTRUCTIONAL STRATEGIST
EDUCATION (CONTINUED)

CORRECTIVE READING EDUC 552 3 CREDITS
Prereq: 1 (SPECIAL EDUCATION) ENDORSEMENT.
Note: Course delivery is On-site instruction
3276015 3 TR 12:40-1:55
MEETS: AUG 23-DEC 17

TCH STRUGL ADOL RDR EDUC 553 3 CREDITS
Prereq: TEACHING LICENSE OR SENIOR CLASSIFICATION
7267005 1 W 5:30-8:20PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TCHNOL IN READ&LANG EDUC 556 3 CREDITS
Prereq: EDUC 201 OR EDUC 202 OR EDUC 203;
EDUC 377
1285005 1 W 5:30-8:20PM
MEETS: AUG 23-DEC 17
1285010 2 M 5:10-8:00PM
MEETS: AUG 23-DEC 17
1285015 3 M 5:10-8:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CRIT APPRCH CH LIT EDUC 559 3 CREDITS
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM,
EDUC 377 AND EDUC 378
1672005 1 M 5:10-8:00PM
MEETS: AUG 23-DEC 17
1672010 2 W 5:10-8:00PM
MEETS: AUG 23-DEC 17
1672015 3 M 5:10-8:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CR TOP CURRICULM EDUC 590A 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULUM EDUC 590B 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590C 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590D 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590E 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590F 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590G 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590H 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590I 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590J 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590K 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590L 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590M 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590N 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590O 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590P 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590Q 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590R 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590S 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590T 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590U 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590V 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590W 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590X 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590Y 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR TOP CURRICULM EDUC 590Z 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP CURRIC EDUC 690A VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

EDUCATION (CONTINUED)

SPL TOP LITERACY ED EDUC 590M 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

FIELD EXP SECND SCI EDUC 591D 0.5-6 CREDITS
Prereq: 15 GRADUATE CREDITS IN SPECIALTY AREA;
FULL ADMISSION TO TEACHER EDUCATION PROGRAM
Note: CONCURRENT ENROLLMENT IN EDUC 588
5058005 1 ARRANGED
MEETS: AUG 23-DEC 17
5058010 2 ARRANGED
MEETS: AUG 23-DEC 17

EXP ERC:SECD MATH ED EDUC 591G 0.5-6 CREDITS
Prereq: 15 GRADUATE CREDITS IN SPECIALTY AREA;
FULL ADMISSION TO TEACHER EDUCATION PROGRAM
Note: CONCURRENT ENROLLMENT IN EDUC 597
2017005 1 ARRANGED
MEETS: AUG 23-OCT 15
2017010 2 ARRANGED
MEETS: OCT 18-DEC 17

EXP ERC:COLLEGE TCHG EDUC 591N 0.5-6 CREDITS
Prereq: 9 GRADUATE CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

SCIENCE EDUC W KSHOP EDUC 593C 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2021.
FOR BETAL GROUP PARTICIPANTS ONLY.
2812005 1 ARRANGED
MEETS: AUG 23-DEC 17
2812010 2 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TCHG DISCPN LITERCY EDUC 595 3 CREDITS
Prereq: GRADUATE STATUS AND TEACHING LICENSE
2932005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
2932010 2 W 5:30-8:20PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TEACH SEC SCHL MATH EDUC 597 3 CREDITS
Prereq: 15 CREDITS IN COLLEGE MATHEMATICS;
ADMITTED TO THE EDUCATOR PREPARATION PROGRAM
8440005 1 TR 5:10-8:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CRTV COMP CURRICULM EDUC 599A 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR CMP EDUC TECHNOL EDUC 599B 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CRT COMP SCIENCE ED EDUC 599C 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SECNRD ED EDUC 599D 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR CMP SOC&CULTURAL EDUC 599F 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP MATH EDUC EDUC 599G 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP MATH EDUC EDUC 599H 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CARTV COMPON ED EDUC 599I 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CR CMP WRLD LANG ED EDUC 599J 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

CARTV COMP MATH EDUC EDUC 599K 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP CURRIC EDUC 690A VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******** SEE DEPT FOR REFERENCE NUMBERS
EDUCATION

ADV SP TOP EDUC TEC EDUC 690B VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
ADV SPCL TOP SCI ED EDUC 690C VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
ADV SPCL TOP SEC ED EDUC 690D VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP SOC&CULTURAL EDUC 690F VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
ADV SPL TOP MATH ED EDUC 690G VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
ADV SPL TP WRL LANG EDUC 690J VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IF IN 10 ENRL SC.
****** SEE DEPT FOR REFERENCE NUMBERS
ADV SPL TOP ED PSIC EDUC 690K VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IF IN 15 ENRL SC.
****** SEE DEPT FOR REFERENCE NUMBERS
ADV SPL TOP SOC STU EDUC 690L VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP LITERACY ED EDUC 690M VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
RESEARCH CURRICULUM EDUC 699A VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
RESRCH EDUC TECHNOL EDUC 699B VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
RESRCH SCIENCE EDUC EDUC 699C VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
RESRCH SECNDRY EDUC EDUC 699D VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
RESRCH SOC&CULTURAL EDUC 699F VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
RESRCH MATH EDUC EDUC 699G VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
RESRCH ELEM EDUC EDUC 699I VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
RESRCH WRLD LANGU ED EDUC 699J VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
RESRCH EDUC TECHNOL EDUC 699K VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
RESRCH PSYCHOL EDUC 699L VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
RESRCH SOC STUDY EDUC 699L VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
RESRCH LITERACY ED EDUC 699M VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
EDUCATIONAL ADMINISTRATION

PRIN INCLUSV LDRSHIP EDADM 541 3 CREDITS
Prereq: TEACHER LICENSURE & INSTRUCTOR PERMISSION
3210700 1 W 5:30-9:00PM S 8:00-4:00 PM
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
SUPV LEARN ENG ENVRN EDADM 551 3 CREDITS
Prereq: EDADM 541
3215700 1 W 5:30-9:00PM S 8:00-4:00 PM
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

EDUCATIONAL ADMINISTRATION (CONTINUED)

LEADING SCHL REFORM EDADM 554 3 CREDITS
Prereq: EDADM 541
7880700 1 W 5:30-9:00PM S 8:00-4:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
CURRICULM LEADERSHIP EDADM 559 3 CREDITS
Prereq: EDADM 541
3416700 1 W 5:30-9:00PM S 8:00-4:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW Tought at, in or by AMKENY

SPECIAL TOPICS EDADM 590 1-4 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
FLD EXP ELEM PRNCI EDADM 591A 1-6 CREDITS
Prereq: EDADM 541, ADMISS TO PROGRAM & INSTR'S APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS
FLD EXP SECOND PRNCI EDADM 591B 1-6 CREDITS
Prereq: EDADM 541, ADMISS TO PROGRAM & INSTR'S APPROVAL
****** SEE DEPT FOR REFERENCE NUMBERS

CREATV COMPN DEVEL EDADM 599 1-3 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
ADV SPECIAL TOPICS EDADM 690 1-3 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
DISSERTATN RESEARCH EDADM 699 VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
EDUC FOR SOC JUSTICE ELPS 600 3 CREDITS
Prereq: 9 CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM LEADERSHIP & POLICY ST

SOC JUSTICE FLD EXP ELPS 591 1-3 CREDITS
Prereq: ELPS 620
****** SEE DEPT FOR REFERENCE NUMBERS
CAPSTONE EXPERIENCE ELPS 616 3 CREDITS
Prereq: 9 CREDITS OF ELPS 615
****** SEE DEPT FOR REFERENCE NUMBERS

EDUC FOR SOC JUSTICE ELPS 620 3 CREDITS
S886005 1 M 5:30-8:20PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
CRITICL RACE THEORY ELPS 624 3 CREDITS
2688005 1 T 5:10-8:00PM
MEETS: DEC 23-DECEMBER 17
Note: Course delivery is On-site instruction

ELECTRICAL ENGINEERING

PROG ORIENTATN E E 166 R CREDIT
Note: COURSE RESTRICTED TO E E, CPR E MAJORS ONLY
2887005 1 T 1:10-2:00 PM
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
2887010 2 R 1:10-2:00 PM
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction

INTR EEAPPROB SOLV I E E 185 3 CREDITS
Prereq: MATH 143 OR SATISFACTORY SCORES ON MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR ENROLLMENT IN MATH 165
3880005 1 M 9:55-10:145 M 1:10-3:00 PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3880010 2 W 9:55-10:145 R 8:00-9:150
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3880015 3 M 9:55-10:145 R 10:00-11:150
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3880020 4 W 9:55-10:145 R 12:10-2:00 PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ELECTRICAL ENGINEERING (CONTINUED)

ELECTRIC CIRCUITS E E 201 4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 267 AND PHYS 232 AND PHYS 232L
Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO E E MAJORS ONLY.
2120005 1 MWF 9:55-10:45 R 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2120010 2 MWF 9:55-10:45 T 2:10-5:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2120015 3 MWF 9:55-10:45 W 5:30-8:20PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2120020 4 MWF 2:15-3:05 R 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2120025 5 MWF 2:15-3:05 R 2:10-5:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2120030 6 MWF 2:15-3:05 F 11:00-1:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2120035 7 MWF 9:55-10:45 T 2:10-5:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
SIGNS & SYSTEMS I E E 224 4 CREDITS
Prereq: E E 201, MATH 267, PHYS 232 AND PHYS 232L
5064005 1 TR 4:10-5:25 W 4:25-7:15PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5064010 2 TR 4:10-5:25 T 10:00-12:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5064015 3 TR 4:10-5:25 R 1:10-4:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5064020 4 TR 4:10-5:25 T 1:10-4:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ELECTRON CIRCTS & SYS E E 230 4 CREDITS
Prereq: E E 201, MATH 267, PHYS 232 AND PHYS 232L
4639005 1 MWF 7:45-8:35 M 8:50-11:40 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4639010 2 MWF 7:45-8:35 T 5:30-8:30PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4639015 3 MWF 7:45-8:35 T 5:30-8:30PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4639020 4 MWF 7:45-8:35 W 11:00-1:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4639025 5 MWF 7:45-8:35 T 8:00-10:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4639030 6 MWF 7:45-8:35 T 11:00-1:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
TRANSFER ORIENTATIO E E 261 R CREDIT
Note: Satisfactory-Fail Only.
9197005 1 W 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9197010 2 T 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
PROB SOLV MTHD & TOOL E E 285 4 CREDITS
2505005 1 MWF 12:05-12:55 T 8:00-10:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2505010 2 MWF 12:05-12:55 R 4:10-6:00PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2505015 3 MWF 12:05-12:55 F 8:50-10:40 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ELECTRICAL ENGINEERING (CONTINUED)

INTRO AC CIRCUMOTOR E E 448 2 CREDITS
4775050 10 ARRANGED, R 7:10-9:00
Note: Course delivery is On-site instruction
MEETS: OCT 18-DEC 17
4775055 11 ARRANGED, M 9:55-11:45
Note: Course delivery is On-site instruction
MEETS: OCT 18-DEC 17
4775060 12 ARRANGED, W 7:45-9:35
Note: Course delivery is On-site instruction
MEETS: OCT 18-DEC 17
4775070 13 ARRANGED, M 2:15-4:05
Note: Course delivery is On-site instruction
MEETS: OCT 18-DEC 17
4775080 14 ARRANGED, T 3:10-5:00
Note: Course delivery is On-site instruction
4775085 15 ARRANGED
W 5:30-7:20PM
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
4775090 16 ARRANGED, T 1:10-3:00
Note: Course delivery is On-site instruction
MEETS: OCT 18-DEC 17
4775095 17 ARRANGED, W 9:55-11:45
Note: Course delivery is On-site instruction
MEETS: OCT 18-DEC 17
4775100 18 ARRANGED, R 1:10-3:00
Note: Course delivery is On-site instruction
MEETS: OCT 18-DEC 17
4775105 19 ARRANGED, R 8:00-9:50
Note: Course delivery is On-site instruction
MEETS: OCT 18-DEC 17
4775110 20 ARRANGED
R 10:00-11:50
Note: Course delivery is On-site instruction
MEETS: OCT 18-DEC 17
ENGINEER ACOUSTICS E E 451 3 CREDITS
Prereq: PHYS 221 AND MATH 266 OR MATH 267
8380005 1 MW 8:10-9:40
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
8380700 2 ARRANGED
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
POWER SYST ANALYS I E E 456 3 CREDITS
Prereq: E E 303, CREDIT OR REGISTRATN IN E E 324
2912005 1 TR 5:30-7:00PM
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
2173005 1 TR 9:30-10:45
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
2173700 2 ARRANGED
Note: Course delivery is WWW
MEETS: AUG 23-DEC 17
DIGITAL VLSI DESIGN E E 465 4 CREDITS
Prereq: E E 330
8892005 1 TR 9:30-10:45
T 5:10-8:00PM
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
8892010 2 TR 9:30-10:45
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
8892015 3 TR 9:30-10:45
F 11:00-1:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
8892020 4 TR 9:30-10:45
W 11:00-1:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
MULTIDISC ENGR DSN E E 466 3 CREDITS
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
1900005 1 MF 3:20-5:10
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
AUTOMATIC CONTROL SYS E E 475 3 CREDITS
Prereq: E E 324
2914005 1 MF 11:00-11:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
EDDY CURRENT NDE E E 488 3 CREDITS
Prereq: NDE E 216 OR MAT E 273 OR E E 311 OR
5898005 1 MF 9:55-10:45
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
ELECTRICAL ENGINEERING (CONTINUED)

SATELL RTE SENS LAB E E 489L 1 CREDIT
5436005 1 T 9:00-11:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
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
Note: Course delivery is On-site instruction
5436005 1 T 9:00-11:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
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
Note: Course delivery is On-site instruction
5436005 1 T 9:00-11:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
SR DESIGN PROJ I E E 491 3 CREDITS
Prereq: E E 322, ENGL 314, COMPLETION OF 24 CREDITS IN THE E E PROFESSIONAL PROGRAM
Note: COURSE RESTRICTED TO E E JUNIORS & SENIORS
Note: Instructor permission required 1st week.
7347005 1 W 2:15-3:05
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
7347010 2 R 3:10-4:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
7347015 3 W 3:20-4:10
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
7347020 4 R 3:10-4:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
MODERN OPTICS E E 496 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN PHYS 322, E E 365, AND E E 480
5322005 1 MF 11:00-11:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
5322010 2 MF 12:00-1:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
5322015 3 W 1:00-3:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
5322020 4 W 3:10-5:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
FILTER DESIGN &APPL E E 508 4 CREDITS
Prereq: E E 501
11936005 1 MF 9:55-10:45
Note: Instructor permission required 1st week.
MEETS: AUG 23-DEC 17
TOPICS ELECTROMAGNT E E 510 1-3 CREDITS
Prereq: E E 331
2929700 1 ARRANGED
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
ADV ELECTMC FD THY I E E 512 3 CREDITS
Prereq: E E 331
2933005 1 TR 2:10-4:00
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
2933010 2 ARRANGED
Note: Course delivery is On-site instruction
FALL

2021

120

ELECTRICAL ENGINEERING
MICROWAVE ENGINEERG

(CONTINUED)
E E

514

4 CREDITS

Prereq: E E 230, E E 311

4791005

5900005

2 MWF 7:45-8:35
F 11:00-1:50
MEETS: AUG 23-DEC 17
E E

519

3 CREDITS

1 MWF 2:15-3:05
MEETS: AUG 23-DEC 17
E E

524

Note: Course delivery is On-site instruction

E E

526

2 ARRANGED
MEETS: AUG 23-DEC 17

3759005

E E

531

Note: Course delivery is On-site instruction

E E

532

SPL TOP ELECTRC PWR
E E
590F
1- 6 CREDITS
*******
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SIGNL PROCS
E E
590I
1- 6 CREDITS
*******
SEE DEPT FOR REFERENCE NUMBERS

4 CREDITS

Prereq: PHYS 232 AND PHYS 232L; MAT E MAJORS:R E
MAT E 317; CPR E AND E E MAJORS: E E 230

8880005

SPL TOP COMMUN SYS
E E
590C
1- 6 CREDITS
*******
SEE DEPT FOR REFERENCE NUMBERS

SP TOP EL DEVIC&CIR
E E
590H
1- 6 CREDITS
*******
SEE DEPT FOR REFERENCE NUMBERS

1 ARRANGED
MEETS: AUG 23-DEC 17

MICROEL FABRIC TCHQ

SPL TOP ELECMAG THY
E E
590A
1- 6 CREDITS
*******
SEE DEPT FOR REFERENCE NUMBERS

3 CREDITS

Prereq: E E 332,E E 432 OR E E 532

0290005

1 MW 12:05-12:55
ARRANGED
MEETS: AUG 23-DEC 17

INDEPENDENT STUDY
E E
595X
1- 3 CREDITS
*******
SEE DEPT FOR REFERENCE NUMBERS
LEARNG CMMUNTY SEMN

Note: Course delivery is On-site instruction

E E

535

4 CREDITS

Prereq: E E 311 AND E E 332

2941005

E E

598

R CREDIT

Prereq: CLASSIFICATION AS AN E CPE MAJOR
Satisfactory-Fail Only.

9875005
SEMICONDCTR PHYSICS

1 T 9:00-11:50
MEETS: AUG 23-DEC 17

SPL TOP ELEC MATRLS
E E
590G
1- 6 CREDITS
*******
SEE DEPT FOR REFERENCE NUMBERS

Note: Course delivery is WWW

MICRO&NANO SYS&DVIC

1 CREDIT

SPL TOP COMPTR ENGR
E E
590E
1- 6 CREDITS
*******
SEE DEPT FOR REFERENCE NUMBERS

1 MW 3:20-4:40
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

0323700

589L

3 CREDITS

Prereq: MATH 207, E E 322

0323005

E E

SPL TOP CONTROL SYS
E E
590B
1- 6 CREDITS
*******
SEE DEPT FOR REFERENCE NUMBERS

1 MWF 9:55-10:45
MEETS: AUG 23-DEC 17

DEEP LRNG:THRY&PRAC

1 MWF 9:55-10:45
MEETS: AUG 23-DEC 17

3 CREDITS

Prereq: E E 322, E E 424, MATH 317

2939005

3 CREDITS

Note: Course delivery is On-site instruction

Note: Course delivery is On-site instruction

DIG SIGNAL PROCESS

588

Prereq: CREDIT OR ENROLLMENT IN MTEOR 489
OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489
OR NREM 589 OR E E 489 OR E E 589

Prereq: E E 311 OR MAT E 317 OR PHYS 364

6250005

E E

Note: Course delivery is On-site instruction

SATELL RMT SENS LAB

Note: Course delivery is On-site instruction

MAGNETSM&MGN MATRLS

EDDY CURRENT NDE

(CONTINUED)

Prereq: MAT E 216 OR MAT E 273 OR E E 311 OR
PHYS 364

1 MWF 7:45-8:35
R 8:00-10:50
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

4791010

ELECTRICAL ENGINEERING

1 F 4:25-5:45
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

1 M 6:30-8:00PM
ARRANGED
T 6:10-7:30PM
MEETS: AUG 23-DEC 17

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

Note: Course delivery is On-site instruction

ADV TOP ELE PWR SYS

E E

653

3 CREDITS

Prereq: PERMISSION OF INSTRUCTOR

STEADY STATE ANALYS

E E

553

3 CREDITS

2981005

Prereq: E E 456, E E 457

8879005

1 TR 11:00-12:20
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

Note: Course delivery is On-site instruction

8879010

2 ARRANGED
MEETS: AUG 23-DEC 17
E E

559

ENGINEERG INTERNSHP

E E

697

R CREDIT

Note: PERMISSN OF MANAGER OF E E STUDENT SERVICES REQ'D
Satisfactory-Fail Only.

Note: Course delivery is On-site instruction

WIND ENERGY CONVRSN

1 TR 11:00-12:15
MEETS: AUG 23-DEC 17

3 CREDITS

5716005

1 ARRANGED
MEETS: AUG 23-DEC 17

Note: Department permission required.

Prereq: CREDIT OR ENROLLMENT IN E E 452, E E 456

2204005

1 TR 9:30-10:45
MEETS: AUG 23-DEC 17

RESEARCH
*******

Note: Course delivery is On-site instruction

2204700

2 ARRANGED
MEETS: AUG 23-DEC 17

E E
699
VAR. CREDITS
SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING
ENGINEERING ORIENTN

Note: Course delivery is WWW

ENGR

101

R CREDIT

Satisfactory-Fail Only.

INTRO CONVEX OPTIMZ
E E
571
2594005
1 MWF 2:15-3:05
MEETS: AUG 23-DEC 17

3 CREDITS

Note: Course delivery is On-site instruction

RANDOM SIGNAL&KALMN

E E

573

3 CREDITS

Prereq: E E 324 OR AER E 331 OR M E 370 OR M E
411 OR MATH 341 OR MATH 395

8185005

1 TR 3:40-4:55
MEETS: AUG 23-DEC 17
2 ARRANGED
MEETS: AUG 23-DEC 17

SHERMAN P

3788010

3788015

E E

577

3 CREDITS

Prereq: E E 324 OR AER E 331 OR MATH 415; AND
MATH 207

2954005

1 TR 2:10-3:25
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

2954700

2 ARRANGED
MEETS: AUG 23-DEC 17

Note: Course delivery is WWW

2 F 11:00-11:50
S 9:00-2:00
MEETS: AUG 23-OCT 15

Note: SEC 2 RESTRICTED TO A E, BSE MAJORS ONLY.
SAT MEETING AUG 28TH
Course delivery is On-site instruction

Note: Course delivery is WWW

LINEAR SYSTEMS

1 F 9:55-10:45
S 9:00-2:00
MEETS: AUG 23-OCT 15

Note: SEC 1 RESTRICTED TO A E, BSE MAJORS ONLY.
SAT MEETING AUG 28TH
Course delivery is On-site instruction

SHERMAN P

Note: Course delivery is On-site instruction

8185700

3788005

3 T 11:00-11:50
MEETS: AUG 23-DEC 17

Note: SEC 3 RESTRICTED TO C E AND ENV E MAJORS ONLY
Course delivery is On-site instruction

3788020

4 R 4:10-5:00
MEETS: AUG 23-DEC 17

Note: SEC 4 RESTRICTED TO CON E MAJORS ONLY
Course delivery is On-site instruction

3788025

5 W 8:50-9:40
MEETS: AUG 23-DEC 17

Note: SEC 5 RESTRICTED TO E E, CPR E, CYB E, MAJORS
Course delivery is On-site instruction

3788030

6 W 3:20-4:10
MEETS: AUG 23-DEC 17

Note: SEC 6 RESTRICTED TO E E, CPR E, CYB E, MAJORS
Course delivery is On-site instruction

3788035

7 T 9:00-9:50
MEETS: AUG 23-DEC 17

Note: SEC 7 RESTRICTED TO E E, CPR E, CYB E, MAJORS
Course delivery is On-site instruction


ENGINEERING ORIEN'TN ENGR 101 R CREDIT
3788040 4 T 10:00-10:50
Note: SEC 8 RESTRICTED TO E E, CPR E, CYB E, MAJORS
Course delivery is On-site instruction
3788045 9 W 9:55-10:50
MEETS: AUG 23-DEC 17
Note: SEC 9 RESTRICTED TO E E, CPR E, CYB E, MAJORS
Course delivery is On-site instruction
3788050 10 R 9:00-9:50
MEETS: AUG 23-DEC 17
Note: SEC 10 RESTRICTED TO E E, CPR E, CYB E, MAJORS
Course delivery is On-site instruction
3788055 11 R 10:00-10:50
MEETS: AUG 23-DEC 17
Note: SEC 11 RESTRICTED TO E E, CPR E, CYB E, MAJORS
Course delivery is On-site instruction
3788060 12 W 3:20-4:10
MEETS: AUG 23-DEC 17
Note: SEC 12 RESTRICTED TO M E MAJORS ONLY
Course delivery is On-site instruction
3788065 13 W 3:20-4:10
Note: SEC 13 IS FOR T E TRANSFER STUDENTS ONLY.
RESTRICTED TO T E SOPHOMORES, JUNIORS AND SENIORS - OTHERS BY SIGNATURE.
Course delivery is On-site instruction
3788070 14 T 9:00-9:50
MEETS: AUG 23-DEC 17
Note: SEC 14 RESTRICTED TO M E MAJORS ONLY
Course delivery is On-site instruction
3788075 15 R 10:00-10:50
MEETS: AUG 23-DEC 17
Note: SEC 15 RESTRICTED TO ENGR, OPEN, GENUS MAJORS
Course delivery is On-site instruction
3788080 16 T 11:00-11:50
MEETS: AUG 23-DEC 17
Note: SEC 16 RESTRICTED TO ENGR, OPEN, GENUS MAJORS
Course delivery is On-site instruction
3788085 17 R 12:00-12:50
MEETS: AUG 23-DEC 17
Note: SEC 17 RESTRICTED TO ENGR, OPEN, GENUS MAJORS
Course delivery is On-site instruction
3788090 18 T 1:10-2:00
MEETS: AUG 23-DEC 17
Note: SEC 18 RESTRICTED TO M E MAJORS ONLY
Course delivery is On-site instruction
3788095 19 W 7:45-8:35
MEETS: AUG 23-DEC 17
Note: SEC 19 RESTRICTED TO M E MAJORS ONLY
Course delivery is On-site instruction
3788100 20 T 11:00-11:50
MEETS: AUG 23-DEC 17
Note: SEC 20 RESTRICTED TO M E MAJORS ONLY
Course delivery is On-site instruction
3788105 21 R 11:00-11:50
MEETS: AUG 23-DEC 17
Note: SEC 21 RESTRICTED TO M E MAJORS ONLY
Course delivery is On-site instruction
3788110 22 F 7:45-8:35
MEETS: AUG 23-DEC 17
Note: SEC 22 RESTRICTED TO M E MAJORS ONLY
Course delivery is On-site instruction
3788115 23 R 7:45-8:35
MEETS: AUG 23-DEC 17
Note: SEC 23 FOR M E TRANSFER STUDENTS ONLY
SOPHOMORES AND ABOVE.
Course delivery is On-site instruction
3788120 24 W 3:20-4:10
MEETS: AUG 23-DEC 17
Note: SEC 24 FOR M E TRANSFER STUDENTS ONLY
SOPHOMORES AND ABOVE.
Course delivery is On-site instruction
3788125 25 M 3:20-4:10
MEETS: AUG 23-DEC 17
Note: SEC 25 RESTRICTED TO C E AND ENV E MAJORS ONLY
Course delivery is On-site instruction
3788130 26 W 2:10-3:00
MEETS: AUG 23-DEC 17
Note: SEC 26 RESTRICTED TO C E AND ENV E MAJORS ONLY
Course delivery is On-site instruction
3788135 27 T 10:00-10:50
MEETS: AUG 23-DEC 17
Note: SEC 27 RESTRICTED TO C E AND ENV E MAJORS ONLY
Course delivery is On-site instruction
3788140 28 R 10:00-10:50
MEETS: AUG 23-DEC 17
Note: SEC 28 RESTRICTED TO C E AND ENV E MAJORS ONLY
Course delivery is On-site instruction
3788145 29 T 1:10-2:00
MEETS: AUG 23-DEC 17
Note: SEC 29 RESTRICTED TO AER E MAJORS ONLY.
Course delivery is On-site instruction
3788150 30 R 1:10-2:00
MEETS: AUG 23-DEC 17
Note: SEC 30 RESTRICTED TO AER E MAJORS ONLY
Course delivery is On-site instruction
3788155 31 T 2:10-3:00
MEETS: AUG 23-DEC 17
Note: SEC 31 RESTRICTED TO AER E MAJORS ONLY
Course delivery is On-site instruction
3788160 32 T 9:00-9:50
MEETS: AUG 23-DEC 17
Note: SEC 32 RESTRICTED TO AER E MAJORS ONLY
Course delivery is On-site instruction
5694005 1 F 2:15-3:05
MEETS: AUG 23-DEC 17
Note: SEC 4 RESTRICTED TO I E SOPHOMORES, JUNIORS AND SENIORS - OTHERS BY SIGNATURE.
Course delivery is On-site instruction
3788165 33 R 8:50-9:40
MEETS: AUG 23-DEC 17
Note: SEC 33 RESTRICTED TO C H E MAJORS ONLY
Course delivery is On-site instruction
3788170 34 T 10:00-10:50
MEETS: AUG 23-DEC 17
Note: SEC 34 RESTRICTED TO AER E MAJORS ONLY
Course delivery is On-site instruction
3788175 35 R 9:00-9:50
MEETS: AUG 23-DEC 17
Note: SEC 35 RESTRICTED TO AER E MAJORS ONLY
Course delivery is On-site instruction
3788180 36 T 2:10-3:00
MEETS: AUG 23-DEC 17
Note: SEC 36 RESTRICTED TO AER E MAJORS ONLY
Course delivery is On-site instruction
3788185 37 T 2:20-3:10
MEETS: AUG 23-DEC 17
Note: SEC 37 RESTRICTED TO AER E MAJORS ONLY
Course delivery is On-site instruction
3788190 38 T 10:00-10:50
MEETS: AUG 23-DEC 17
Note: SEC 38 RESTRICTED TO C H E MAJORS ONLY
Course delivery is On-site instruction
3788195 39 F 8:50-9:40
MEETS: OCT 16-DEC 18
Note: SEC 39 RESTRICTED TO M E MAJORS ONLY
Course delivery is On-site instruction
7845030 6 W 2:15-3:05
MEETS: AUG 23-DEC 17
Note: SEC 40 RESTRICTED TO ENGR MAJORS ONLY
Course delivery is On-site instruction
7845035 7 T 10:00-10:50
MEETS: AUG 23-DEC 17
Note: SEC 41 RESTRICTED TO ENGR MAJORS ONLY
Course delivery is On-site instruction
7845040 8 T 10:00-10:50
MEETS: AUG 23-DEC 17
Note: SEC 42 RESTRICTED TO ENGR MAJORS ONLY
Course delivery is On-site instruction
7845045 9 F 10:00-10:50
MEETS: AUG 23-DEC 17
Note: SEC 43 RESTRICTED TO ENGR MAJORS ONLY
Course delivery is On-site instruction
7845050 10 W 9:55-10:45
MEETS: AUG 23-DEC 17
Note: SEC 44 RESTRICTED TO ENGR MAJORS ONLY
Course delivery is On-site instruction
7845055 11 R 8:55-9:45
MEETS: AUG 23-DEC 17
Note: SEC 45 RESTRICTED TO ENGR MAJORS ONLY
Course delivery is On-site instruction
7845060 12 W 1:10-2:00
MEETS: AUG 23-DEC 17
Note: SEC 46 RESTRICTED TO ENGR MAJORS ONLY
Course delivery is On-site instruction
7845065 13 R 1:10-2:00
MEETS: AUG 23-DEC 17
Note: SEC 47 RESTRICTED TO ENGR MAJORS ONLY
Course delivery is On-site instruction
7845070 14 R 10:00-10:50
MEETS: AUG 23-DEC 17
Note: SEC 48 RESTRICTED TO ENGR MAJORS ONLY
Course delivery is On-site instruction
7845075 15 T 9:55-10:45
MEETS: AUG 23-DEC 17
Note: SEC 49 RESTRICTED TO ENGR MAJORS ONLY
Course delivery is On-site instruction
LEARNING COMM SEMNR ENGR 131 1 CREDIT
Note: Course delivery is On-site instruction
7845075 15 R 2:10-3:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7845080 16 T 11:00-12:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7845085 17 T 2:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7845090 18 T 10:00-11:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FOUND LEADR DV&LRNG ENGR 150 1 CREDIT
Satisfactory-Fail Only.
8147005 1 W 11:00-12:00
MEETS: AUG 23-OCT 15
Note: Instructor permission required.
Course delivery is On-site instruction

ENGR PROB & CPR LAB ENGR 160 3 CREDITS
Prereq: MATH 143 OR SATISFACTORY SCORES ON MATHEMATICS PLACEMENT EXAMINATIONS
Note: COURSE RESTRICTED TO ENGR, MAJ E MAJORS ONLY.
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.
2946005 1 MW 7:45-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2946010 2 MW 9:55-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2946015 3 MW 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2946020 4 MW 2:15-4:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2946025 5 TR 8:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2946030 6 TR 10:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2946040 7 TR 12:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2946045 8 TR 2:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2946050 9 TR 4:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CAREergo MELOP PREP ENGR 203X 1 CREDIT
Satisfactory-Fail Only.
0841700 1 ARRANGED
MEETS: OCT 18-DEC 17
Note: Course delivery is WWW

LEADERSHP ENGR TEAMS ENGR 250 1 CREDIT
8591005 1 M 3:40-5:30
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction

INT'L EXPRNC REPORT ENGR 320 3 CREDITS
Prereq: SATISFACTORY COMPLETION OF INTERNATIONAL WORK EXPERIENCE OR AT LEAST 10 WEEKS OR 9 CREDITS OF APPROVED COURSE WORK TAKEN ABROAD
Note: Meets international perspectives reqmt
Satisfactory-Fail Only.
7283005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: College permission required.

DEANS LDRSHIP SEMNAR ENGR 350 1 CREDIT
Prereq: SELECTION BASED ON DEMONSTRATED COMMITMENT TO LEADERSHIP DEVELOPMENT, SOPHOMORE STATUS OR ABOVE.
Note: COURSE RESTRICTED TO LEADERSHIP DEVELOPMENT, SOPHOMORE STATUS OR ABOVE.
Note: CREDIT IN ENGR 350 MAY NOT BE APPLIED TOWARD A DEGREE IN ENGINEERING
Instructor permission required.
Satisfactory-Fail Only.
9494005 1 F 11:10-2:40
MEETS: AUG 23-NOV 5
Note: Course delivery is On-site instruction

FOUND LEADR DV&LRNG ENGR 150 1 CREDIT
Satisfactory-Fail Only.
8147005 1 W 11:00-12:00
MEETS: AUG 23-OCT 15
Note: Instructor permission required.
Course delivery is On-site instruction

M E D E C H E M I C A L  O F M A T E R I A L S  E M 324 3 CREDITS
Prereq: C E 274
Note: COURSE RESTRICTED TO ENGR COLLEGE SOPHOMORES, JUNIORS AND SENIORS. ASYNCHRONOUS ONLINE VIDEO LECTURES. SYNCHRONOUS ONLINE RECITATIONS DURING LECTURE HOURS.
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.
3007005 1 MF 8:00-9:40
JOHANSEN J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3007010 2 MF 12:05-12:55
JOHANSEN J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3007015 3 MF 11:00-11:50
JOHANSEN J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3007020 4 MF 1:10-2:00
ZARECHNY O
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3007025 5 MF 4:25-5:15
ZARECHNY O
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3007030 6 MF 2:15-3:05
ZARECHNY O
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PREREQ: JUNIOR CLASSIFICATION
ENTREPREN PROD ENGR ENGR 430 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
0175005 1 TR 8:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MULTIDISC ENGR DSGN ENGR 466 3 CREDITS
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
8893005 1 MF 3:20-5:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

IND STY ENTREPRENSH ENGR 490E 1-3 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN ENGINEERING, COLLEGE APPROVAL
5006005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MECH OF MATELRS LAB E M 327 1 CREDIT
Prereq: E M 324
3008005 1 T 8:00-9:50
CHIOU T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3008010 2 T 10:00-11:50
CHIOU T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3008015 3 T 1:10-3:00
CHIOU T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3008020 4 T 3:10-5:00
CHIOU T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3008025 5 T 7:30-9:30
CHIOU T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3008030 6 W 9:30-11:45
CHIOU T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3008035 7 W 1:10-3:00
CHIOU T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3008040 8 R 8:00-9:50
CHIOU T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3008045 9 R 10:00-11:50
CHIOU T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3008050 10 R 1:10-3:00
CHIOU T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3008055 11 R 3:10-5:00
CHIOU T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PHYSICAL AND CHEMICAL ENGINEERING MECHANICS
ENGLISH

(Continued)

CRITCL THINK&COMMUN ENGL 150  3 CREDITS
Note: Course delivery is WWW
3298749 49 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
3298750 50 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
3298751 51 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
3298752 52 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
3298753 53 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

SPEAK FOR INT'L TA ENGL 180A  3 CREDITS
Prereq: NO MORE THAN ONE SECTION OF ENGL 180 MAY BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
Note: ENGL 180A DOES NOT APPLY TOWARD GRADUATION.
FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED IN THE CENTER FOR COMMUNICATION EXCELLENCE,
1137 PEARSON HALL.
Satisfactory-Fail Only.
357900 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Instructor permission required.
Course delivery is On-site instruction

INTMED ENGL INTL TA ENGL 180B  3 CREDITS
Prereq: NO MORE THAN ONE SECTION OF ENGL 180 MAY BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
Note: ENGL 180B DOES NOT APPLY TOWARD GRADUATION.
FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED IN THE CENTER FOR COMMUNICATION EXCELLENCE,
1137 PEARSON HALL.
Satisfactory-Fail Only.
3580005 1 TR 12:40-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3580010 2 MWF 3:20-4:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRESENTATIONS INT'L TA ENGL 180C  3 CREDITS
Prereq: NO MORE THAN ONE SECTION OF ENGL 180 MAY BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
Note: ENGL 180C DOES NOT APPLY TOWARD GRADUATION.
FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED IN THE CENTER FOR COMMUNICATION EXCELLENCE,
1137 PEARSON HALL.
Satisfactory-Fail Only.
3593005 1 MWF 3:20-4:40
MEETS: AUG 23-DEC 17
Note: Instructor permission required.
Course delivery is On-site instruction
3593010 2 TR 12:40-1:55
MEETS: AUG 23-DEC 17
Note: Instructor permission required.
Course delivery is On-site instruction

INTRO TO LITERATURE ENGL 201  3 CREDITS
Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
3303005 1 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Section 1 Restricted to ENGL, TCOMM Majors Only
Course delivery is On-site instruction
3303010 2 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Section 2 Restricted to MAJORS OTHER THAN ENGL, TCOMM
Course delivery is On-site instruction

INTRO TECH COMMUNIC ENGL 214  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
7570005 1 MWF 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO LINGUISTICS ENGL 219  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Section 1 Restricted to SOPHOMORES, JUNIORS AND SENIORS ONLY
3307005 1 TR 12:40-1:30
MEETS: AUG 23-DEC 17
Note: Section 1 Restricted to SOPHOMORES, JUNIORS AND SENIORS ONLY
Course delivery is On-site instruction
3307010 2 TR 12:40-1:30
MEETS: AUG 23-DEC 17
Note: Section 2 Restricted to SOPHOMORES, JUNIORS AND SENIORS ONLY
Course delivery is On-site instruction
3307015 3 TR 12:40-1:30
MEETS: AUG 23-DEC 17
Note: Section 3 Restricted to SOPHOMORES, JUNIORS AND SENIORS ONLY
Course delivery is On-site instruction

PREREQ:
ENGL 150 OR EXEMPTION FROM ENGL 150
ENGL 180A TO MEET THE COMMUNICATION PROFICIENCY REQUIREMENT
ENGL 201 TO MEET THE UNIVERSITY'S ENGLISH PROFICIENCY REQUIREMENT
ENGL 250 TO MEET THE COMMUNICATION PROFICIENCY REQUIREMENT
BIOG, BICO, BISE, BISE, ENGL, ENGS, GEN, GEN S, GENPV, MICH, MRS A, BFMPL, P MED, PNRAS.
Course delivery is On-site instruction

ENGLISH

(Continued)

DESCRIPT ENGL GRAMMAR ENGL 220  3 CREDITS
Note: SEC 1,2,3,4,5 RESTRICTED TO ENGL, TCOMM, COMM MAJORS.
3308005 1 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3308010 2 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3308015 3 TR 2:10-3:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3308020 4 TR 2:10-3:30
Course delivery is On-site instruction
3308700 5 ARRANGED
Course delivery is On-site instruction

ENGLISH

(Continued)

BRITISH LIT TO 1800 ENGL 225  3 CREDITS
Prereq: ENGL 250
5349005 1 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: SEC 1 Restricted to ENGL, TCOMM Majors Only
Course delivery is On-site instruction
5349010 2 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: SEC 2 Restricted to MAJORS OTHER THAN ENGL, TCOMM Majors
Course delivery is WWW
5349015 3 TR 2:10-3:30
MEETS: AUG 23-DEC 17
Note: SEC 3 Restricted to MAJORS OTHER THAN ENGL, TCOMM Majors
Course delivery is WWW
5349020 4 TR 2:10-3:30
MEETS: AUG 23-DEC 17
Note: SEC 4 Restricted to MAJORS OTHER THAN ENGL, TCOMM Majors
Course delivery is WWW

ENGLISH

(Continued)

SURVEY OF FILM HIST ENGL 237  3 CREDITS
Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
1940005 1 MWF 1:25-2:15PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ENGLISH

(Continued)

INTRO AM INDIAN LIT ENGL 240  3 CREDITS
Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
Note: Meets U.S. diversity reqmt
8244005 1 MWF 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ENGLISH

(Continued)

WRIT, ORAL, EL COMPOS ENGL 250  3 CREDITS
Prereq: ENGL 150 OR EXEMPTION FROM ENGL 150,
CREDIT FOR OR CURRENT ENROLLMENT IN LIB 160
Note: The University requires a minimum grade of C in ENGL 250 to meet the communication proficiency requirement.
Some MAJORS/DEGREE PROGRAMS MAY SET HIGHER STANDARDS.
3299005 1 TR 1:15-2:30PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299010 2 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299015 3 MWF 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299020 4 MWF 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299025 5 MWF 3:20-4:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299030 6 TR 1:15-2:30PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299035 7 TR 12:40-1:30PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299040 8 MWF 7:45-8:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299045 9 MWF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299050 10 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: SEC 10 Restricted to AGGIO, AN S, BCHIO, BDCHC,
MDC, BIGO, BRE, BER, ENGL, ENGS, GEN, GEN S, GENPV,
MICH, MRS A, BFMPL, P MED, PNRAS.
Course delivery is On-site instruction
WRIT, ORAL, EL COMP ENGL 250 3 CREDITS

3299055 11 MWF 11:00-11:50 MEETS: AUG 23-DEC 17
Note: SEC 11 RESTRICTED TO ALL ENGINEERING COLLEGE MAJORS & BCBO, BIOCH, BIOL, BIOPH, CHEM, EA SC, GEN & GEOS, AGR, PHYS
Course delivery is On-site instruction
3299050 12 MWF 12:05-12:55 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299065 13 MWF 1:20-2:10 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299070 14 MWF 2:30-3:20 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299075 15 TR 8:00-9:20 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299080 16 TR 9:30-10:30 MEETS: AUG 23-DEC 17
Note: SEC 16 RESTRICTED TO CHS COLLEGE OR LAS COLLEGE MAJORS
Course delivery is On-site instruction
3299085 17 TR 11:45-12:45 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299090 18 TR 12:40-1:30 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299095 19 TR 2:10-3:10 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299100 20 TR 3:40-4:30 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299105 21 TR 8:00-9:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299110 22 TR 3:40-4:30 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299115 23 MWF 8:50-9:40 MEETS: AUG 23-DEC 17
Note: SEC 23 RESTRICTED TO ENGR MAJORS ONLY
Course delivery is On-site instruction
3299120 24 MWF 9:55-10:45 MEETS: AUG 23-DEC 17
Note: SEC 24 RESTRICTED TP C E, CON E, ENV E MAJORS ONLY
Course delivery is On-site instruction
3299125 25 MWF 11:00-11:50 MEETS: AUG 23-DEC 17
Note: SEC 25 RESTRICTED TO AN S, DY S, GENPV MAJORS
Course delivery is On-site instruction
3299130 26 MW 9:05-12:25 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299135 27 MW 11:30-1:30 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299140 28 MW 3:20-6:10PM MEETS: AUG 23-OCT 15
Note: SEC 28 IS A FIRST-HALF SEMESTER SEC. DUE THE CONDENSED NATURE OF THIS (8 WEEK) SEC. REGULAR ATTENDANCE IS CRITICAL. Department permission required 1st week. Course delivery is On-site instruction
3299145 29 MW 3:20-6:10PM MEETS: OCT 18-DEC 17
Note: SEC 29 IS A SECOND-HALF SEMESTER SEC. DUE THE CONDENSED NATURE OF THIS (8 WEEK) SEC.
REGULAR ATTENDANCE IS CRITICAL. Department permission required 1st week. Course delivery is On-site instruction
3299150 30 MW 7:45-8:35 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299155 31 MW 8:50-9:40 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299160 32 MW 9:55-10:45 MEETS: AUG 23-DEC 17
Note: SEC 32 RESTRICTED TO CFPR E, CYR E, E E MAJORS ONLY
Course delivery is On-site instruction
3299165 33 MW 11:00-11:50 MEETS: AUG 23-DEC 17
Note: SEC 33 RESTRICTED TO CFPR E, CYR E, E E MAJORS ONLY
Course delivery is On-site instruction
3299170 34 MW 12:05-12:55 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299175 35 MW 1:20-2:10 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3299180 36 MW 3:20-4:10 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Note: COURSE DELIVERY IS WW 3 CREDITS

3000005 1 TR 12:40-2:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3000010 2 TR 9:30-10:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3000015 3 TR 2:10-3:30 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3000020 4 TR 11:00-12:20 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3000025 5 MW 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3000030 6 MW 9:55-10:45 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3000035 7 MW 8:50-9:40 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3000040 8 MW 12:05-12:55 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3000050 10 TR 2:10-3:30 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
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<tr>
<th>COURSE</th>
<th>DATES</th>
<th>MEETING TIMES</th>
<th>LOCATION</th>
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<tr>
<td>TECHNICAL COMMUNICATION ENGL 314</td>
<td>3 CREDITS</td>
<td>BE CONCURRENTLY ENROLLED IN CH E 325. Course delivery is On-site instruction</td>
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<td>3356055</td>
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<td>CTV WRIT SCREENPLAY ENGL 315</td>
<td>3 CREDITS</td>
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<td>Prereq: ENGL 250, NOT OPEN TO FRESHMEN Note: COURSE NOT OPEN TO FRESHMEN</td>
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<td>3320005</td>
<td>1 TR 11:00-12:20</td>
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<td>Note: Course delivery is On-site instruction</td>
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<tr>
<td>INTRO ESL MTHDS&amp;MAT ENGL 318</td>
<td>3 CREDITS</td>
<td>Prereq: ENGL 219 OR LING 219</td>
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<td>8993005</td>
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<td>STU LANGUAGE&amp;DIVRSTY ENGL 319</td>
<td>3 CREDITS</td>
<td>Prereq: ENGL 250</td>
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<td>9052005</td>
<td>1 MWF 9:55-10:45</td>
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<td>Note: Course delivery is Hybrid (Online and F2F)</td>
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<td>INTR TCHG ESL LTRCY ENGL 324</td>
<td>3 CREDITS</td>
<td>Prereq: ENGL 219 OR LING 219</td>
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<td>7207005</td>
<td>1 TR 3:40-5:00</td>
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<td>Note: Course delivery is On-site instruction</td>
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<td>LIT THRY&amp;CRITICISM ENGL 339</td>
<td>3 CREDITS</td>
<td>Prereq: ENGL 260 &amp; 3 ADDITIONAL CREDITS IN LITERATURE</td>
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<td>3361005</td>
<td>1 TR 3:40-5:00</td>
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<td>Note: SEC 1 RESTRICTED TO ENGL, TCOMM MAJORS Only Course delivery is On-site instruction</td>
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<td>3361010</td>
<td>2 TR 3:40-5:00</td>
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<td>Note: SEC 2 FOR MAJORS OTHER THEN ENGL, TCOMM Course delivery is On-site instruction</td>
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STUDNT TCH ENGL/LIT ENGL 417E VAR. CREDITS
7786045 5 ARRANGED
MEETS: AUG 23-OCT 15
Note: Professional support, field trips /or travel fee $225.00
MEETS: OCT 18-DEC 17
Note: Professional support, field trips /or travel fee $225.00

SEMINR ARGUMENTATION ENGL 418 3 CREDITS
Prereq: ENGL 310/SP CM 310, JUNIOR CLASSIFICATION
PREREQ: 9 CR IN ENGL BEYOND ENGL 250
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

HIST OF ENGLISH LANG ENGL 420 3 CREDITS
Prereq: ENGL/LING 219, ENGL/LING 220
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

2ND LANG LNTSTCHNG ENGL 425 3 CREDITS
Prereq: ENGL 210, JUNIOR CLASSIFICATION
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GRAMMATICAL ANALYSI ENGL 437 3 CREDITS
Prereq: ENGL/LING 220; ENGL/LING 219 OR INTRODUCTORY COURSE IN LINGUISTICS; JUNIOR CLASSIFICATION
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SEMINAR BRITISH LIT ENGL 440 3 CREDITS
Prereq: COMPLETION OF 6 CREDITS OF SURVEY, JUNIOR CLASSIFICATION
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SEMINAR AMERICN LIT ENGL 441 3 CREDITS
Prereq: COMPLETION OF 9 CREDITS OF SURVEYS, JUNIOR CLASSIFICATION
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SEMINR TECHNICL COMM ENGL 447 3 CREDITS
Prereq: ENGL 302 OR ENGL 309 OR ENGL 314
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTERN BUS/PRO COMM ENGL 487 1-3 CREDITS
Prereq: JUNIOR CLASSIFY, PERMISSION OF COORDINATOR; COURSE IN ENGLISH LANGUAGE, 9 CR IN ENGL 302, ENGL 309, ENGL 314, ENGL 415 (PREPARED BY ENGL 416 OR ENGL 477).
Note: Department permission required.
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

IND STU LITERATURE ENGL 490A VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPLICABLE TO LITERATURE, JUNIOR CLASSIFICATION, PERMISSION OF UNDERGRADUATES COMMITTEE
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

IND STU LINGUISTICS ENGL 490B VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPLICABLE TO LINGUISTICS, JUNIOR CLASSIFICATION, PERMISSION OF UNDERGRADUATES COMMITTEE
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

IND STU RHETORIC ENGL 490C VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPLICABLE TO RHETORIC, JUNIOR CLASSIFICATION, PERMISSION OF UNDERGRADUATES COMMITTEE
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

IND STU CRITICI LIT ENGL 490D VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPLICABLE TO CRITICISM & THEORY OF LIT, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATES COMMITTEE
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
2244005  1 M 3:10-6:00PM
Note: Course delivery is On-site instruction

RESTRICTED TO GRADUATE ENGLISH MAJORS
CREATIVE WRITING AND ENVIRONMENT PROGRAM
Prereq: ENGL 550 AND GRADUATE ADMISSION INTO THE
NONFICTION WORKSHOP   ENGL  555   VAR.  CREDITS
Note: Instructor permission required.

Note: Course delivery is On-site instruction
CREATIVE WRITING AND ENVIRONMENT PROGRAM
Prereq: ENGL 550 AND GRADUATE ADMISSION INTO THE
WKSHP:SCRIPTWRITING   ENGL  552       3 CREDITS

8367005   1 R 6:10-9:00PM
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
IN THE CREATIVE WRITING AND ENVIRONMENT MFA PROGRAM
Prereq: FIFTH-SEMESTER OR EQUIVALENT STANDING
MASTER WORKSHOP   ENGL  551       3 CREDITS

3409005   1 W 6:10-9:00PM
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
Dr MTHD FRML LING ANYL   ENGL  516       3 CREDITS
Prereq: ENGL/LING 519 OR AN INTRODUCTORY
COURSE IN LINGUISTICS
Prereq: 9 CREDITS TOWARD TESL/TEFL CERTIFICATE,
15 CREDITS TOWARD TESL/AL MASTER'S DEGREE, OR
18 CR COMPLETED TOWARD THE ESL ENDOREEMENT OPTION
Note: SEC 1 TOPIC: LINEAR MODELS IN LINGUISTICS USING R
Note: Instructor permission required.
Note: Course delivery is On-site instruction

ONE LANGUAGE ACQUIS ENGL 512  3 CREDITS
Prereq: ENGL 511 OR AN INTRO COURSE IN LINGUISTICS
Note: COURSE RESTRICTED TO ENGL, LING GRADUATES ONLY
3400005  1 TR 3:40-5:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Prereq: ENGL/LING 511 OR AN INTRODUCTORY
COURSE IN LINGUISTICS
Prereq: COURSE RESTRICTED TO ENGL, LING GRADUATE MAJORS ONLY
2867005 1 M 9:30-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

LIT THRY & CRITICSM ENGL 522  3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR
6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
5193005 1 W 3:40-6:40PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PREP PUB THESIS CPT   ENGL  536       3 CREDITS
0516005 1 TR 8:00-9:15
HUFNMAN S
Note: INSTRUCTOR PERMISSION REQUIRED.
Course delivery is On-site instruction

2230005 1 TR 11:00-12:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SPL TOP LITERATURE   ENGL  590A VAR.  CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TESL/LINGUI ENGL  590B VAR.  CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RHE TH & PRO COMM ENGL  590C VAR.  CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CREAT WRIT ENGL  590F VAR.  CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
******* SEE DEPT FOR REFERENCE NUMBERS

SUPV PRACT LIT EDIT ENGL  589  1-3 CREDITS
Note: COURSE RESTRICTED TO ENGL, LING GRADS ONLY
7611005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRA TCH ENG 2ND LNG ENGL  588  3 CREDITS
Prereq: 9 CREDITS TOWARD TESL/AL MASTER'S DEGREE, OR
18 CR COMPLETED TOWARD THE ESL ENDOREEMENT OPTION
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND
LINGUISTICS MAJORS. NOT TO BE TAKEN SAME TERM AS
STUDENT TEACHING.
3426005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRA TCH ENG 2ND LNG ENGL  588  3 CREDITS
Prereq: 9 CREDITS TOWARD TESL/AL MASTER'S DEGREE, OR
18 CR COMPLETED TOWARD THE ESL ENDOREEMENT OPTION
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND
LINGUISTICS MAJORS. NOT TO BE TAKEN SAME TERM AS
STUDENT TEACHING.
3426005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

VISUAL RHET PRO CMM ENGL  586  3 CREDITS
Prereq: A COURSE IN PROFESSIONAL COMMUNICATION
7575005 1 TR 11:00-12:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTERN BUS,PRO COMM ENGL  587  1-3 CREDITS
Prereq: 3 GRAD CREDITS IN BUSINESS AND TECHNICAL
WRITING OR COMPOSITION AND RHETORIC, PERMISSION OF
INSTRUCTOR. LIMITED TO MASTER'S AND DOCTORAL DEGREE
CANDIDATES IN FIELD OF RHETORIC AND PRO COMMUNICATION
Note: Instructor permission required.
3425005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Instructor permission required.

ENVIRON FIELD EXPER ENGL  560  3 CREDITS
Prereq: ENGL 550, GRAD CLASSIFICATION. OPEN TO
GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND
ENVIRONMENT WITH PERMISSION OF INSTRUCTOR.
8229005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Instructor permission required.

SUPV PRACT LIT EDIT ENGL  589  1-3 CREDITS
7611005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Instructor permission required.
ENGLISH

(Continued)

RSRC MTH RHET-ANLY ENGL 602C 3 CREDITS
9868005 1 W 12:40-2:00 MEGGT: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SMNR APPLD LINGUIST ENGL 630 3 CREDITS
Prereq: ENGL/LING 510, ENGL/LING 511
Prereq: COURSE RESTRICTED TO ENGL, TCMW GRAD STUDENTS
4758005 1 MW 2:15-3:35 MEGGT: AUG 23-DEC 17
Note: SEE DEPT FOR REFERENCE NUMBERS
Course delivery is On-site instruction

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
5197700 1 ARRANGED LEWIS D
Note: Course delivery is WWW

INSECTS AND SOCIETY ENT 211 2 CREDITS
Prereq: ENT 201
3441700 1 ARRANGED LEWIS D
Note: Course delivery is On-site instruction

INTRO FORENSIC SCI ENT 220 3 CREDITS
6402005 1 ARRANGED BRETON E
Note: Course delivery is On-site instruction

BEE BIOL, MGT & KEEP ENT 358X 3 CREDITS
Prereq: INTRODUCTORY (200-LEVEL) BIOLOGY COURSEWORK OR PERMISSION OF INSTRUCTOR
0816005 1 TR 12:40-1:55 TOOTH A
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
Materials, field trips &/or travel fee $25.00

INSECT BIOLOGY ENT 370 3 CREDITS
Prereq: BIOL 101 OR BIOL 211
3443005 1 TR 11:00-11:50 JURENKA R
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
Materials, field trips &/or travel fee $25.00

IND STU RESCHR/WORK ENT 490E 1-3 CREDITS
Prereq: 15 CR IN BIOL SCI, JR OR SR CLASSIF
Prereq: 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.
Prereq: NO MORE THAN 6 CREDITS OF 490 MAY BE USED TOWARD GRADUATION
Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

ENTREPRENEURSHIP

ENTREPRENEURSHIP & INNOV ENTS 310 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE NOT OPEN TO P BUS.
COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
0020005 1 TR 8:00-9:15 VALLADAURES-TERAN M
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17

FEASIB ANLY&BUS PLAN ENTS 313 3 CREDITS
Prereq: ENTS 310
Note: COURSE NOT OPEN TO P BUS.
COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
0021015 1 TR 11:00-12:15 MUELLER B
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17

CORPORATE ENTREPREN ENTS 320 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE OPEN TO ALL UNDERGRAD MAJORS EXCEPT P BUS.
COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
0748010 1 TR 8:00-9:15 SCHWANK M
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
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<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Department</th>
<th>Course Title</th>
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<td>RUSSELL A</td>
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</table>

**Notes:**
- Course delivery is On-site instruction
- Materials, field trips & travel fee $50.00
- Course delivery is On-site instruction
- Equipment use and field trips & travel fee $30.00
- SEC B IS TEAM BASED LEARNING
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Meetings</th>
<th>Instructor</th>
<th>Notes</th>
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<tr>
<td>ECOLOGY</td>
<td>3-4</td>
<td>Prereg: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL SCIENCES; PERMISSION OF INSTRUCTOR</td>
<td>MEETS: AUG 23-DEC 17</td>
<td>CRUMPTON W</td>
<td>Instructor permission required. Course delivery is On-site instruction.</td>
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<td>ENVIRO MTL SYS</td>
<td>3-4</td>
<td>Prereg: 12 CREDITS OF NATURAL SCIENCE INCLUDING BIOLOGY AND CHEMISTRY</td>
<td>MEETS: AUG 23-DEC 17</td>
<td>CRUMPTON W</td>
<td>Course delivery is On-site instruction.</td>
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<td>GIS &amp; GPS NAT RESOURCES</td>
<td>3</td>
<td>Prereg: 12 CR IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH ARCGIS</td>
<td>MEETS: AUG 23-DEC 17</td>
<td>THOMPSON M</td>
<td>Note: Course delivery is Hybrid (Online and F2F).</td>
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<tr>
<td>ENVR SOIL &amp; WTR CHEM</td>
<td>4</td>
<td>Prereg: TWO SEMESTERS COLLEGE-LEVEL CHEMISTRY, MATH 140, AGRON 182 OR EQUIVALENT OR AGRON 360, GEOG 100 AND AGRON 354 RECOMMENDED</td>
<td>MEETS: AUG 23-DEC 17</td>
<td>WOLTER P</td>
<td>Equipment use and field trips &amp; travel fee $30.00.</td>
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<tr>
<td>AQUATIC ECOLOGY</td>
<td>3</td>
<td>Prereg: FOUR COURSES IN BIOLOGICAL OR PHYSICAL SCIENCE</td>
<td>MEETS: AUG 23-DEC 17</td>
<td>JOVANOVIC B</td>
<td>Note: Course delivery is On-site instruction.</td>
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<tr>
<td>ENGR ANALY BIOL SYS</td>
<td>4</td>
<td>Prereg: A B E 380 OR PERMISSION OF INSTRUCTOR</td>
<td>MEETS: AUG 23-DEC 17</td>
<td>SPITZER L</td>
<td>Equipment use and field trips &amp; travel fee $25.00.</td>
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<td>AQUATIC ECOLOGY LAB</td>
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<td>Prereg: CONCURRENT ENROLLMENT IN BIOL 486 OR A BCL 486 OR ENSCI 486</td>
<td>MEETS: AUG 23-DEC 17</td>
<td>JOVANOVIC B</td>
<td>Note: Course delivery is On-site instruction.</td>
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<tr>
<td>INDEPENDENT STUDY</td>
<td>VAR.</td>
<td>Prereg: INSTRUCTOR PERMISSION, APPROVAL OF ENVIRONMENTAL SCIENCE COORDINATOR</td>
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<td>See Dept for Reference Numbers.</td>
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</tbody>
</table>
ENVIRONMENTAL SCIENCE  (CONTINUED)

HONORS INDEP STUDY  ENSCI 490H  VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, APPROVAL OF ENVIRONMENTAL SCIENCE COORDINATOR

INT’L TRAVEL TOUR  ENSCI 496A  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
6179010  2 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 1 TOPIC: SOILS, AGRICULTURE & THE ENVIRONMENT OF URUGUAY. OFFERED FOR 2-3 CREDITS.
Course delivery is On-site instruction
Note: SEC 1 TOPIC: SOILS, AGRICULTURE & THE ENVIRONMENT OF COSTA RICA. Offered for 2-3 credits.
Course delivery is On-site instruction

COOPERATIVE EDUCATN  ENSCI 498  R CREDIT
Prereq: PERMISSION OF ENSCI COORDINATOR
6276050  1 ARRANGED
MEETS: AUG 23-DEC 17
WATERSHED HYDROLOGY  ENSCI 502  3 CREDITS
Prereq: 4 COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING
4409001  1 MW 11:00-11:50
GUTOWSKI W
R 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $45.00
GLOBAL CHANGE  ENSCI 504  3 CREDITS
Prereq: 4 COURSES IN PHYSICAL OR BIOL SCI OR ENGR; JUNIOR, SENIOR, OR GRAD STANDING
4428700  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
HYDROGEOLOGY  ENSCI 511  4 CREDITS
Prereq: 4 COURSES IN BIOLOGICAL OR PHYSICAL SCIENCES
3129001  1 MW 8:50-9:40
R 1:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $50.00
ENVIROMNT ENGR CHEM  ENSCI 520  3 CREDITS
Prereq: C E 326, CHEM 178
4511005  1 WF 11:00-11:50
R 12:40-1:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $50.00
ENVIRON BIOTENLOG  ENSCI 521  3 CREDITS
Prereq: C E 326
4516001  1 T 9:00-10:50
R 9:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $50.00
STABLE ISOTOPEANVIR  ENSCI 526  3 CREDITS
Prereq: 4 COURSES IN BIOLOGICAL OR PHYSICAL SCIENCE
3178007  1 T 9:30-10:45
WANAMAKER A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $75.00
SOIL&WTR CONSERV SY  ENSCI 531  3 CREDITS
Prereq: E M 378 OR CH E 356
4641005  1 MW 11:00-11:50
T 3:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
WATERSHD MODLPOLICY  ENSCI 537  3 CREDITS
Prereq: C E 372 OR EQUIVALENT
0474001  1 MW 1:10-2:00
F 1:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
INTEGRATING GIS&GPS  ENSCI 546  3 CREDITS
Prereq: 12 CREDITS IN STUDENT’S MAJOR AT 300 LEVEL OR ABOVE, NRHM 345 OR EQUIVALENT EXPERIENCE WITH ACGIS
4689001  1 TR 8:00-8:50
F 12:10-1:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use and field trips & travel fee $52.00
4698010  2 TR 8:00-8:50
W 11:00-12:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use and field trips & travel fee $52.00
GEOLOGICAL ENVIRONMENTAL SCIENCE  (CONTINUED)

ENVRONMTL GEOLOGY  ENV S 101  3 CREDITS
Prereq: BIOL 102 OR ENV S 102 OR NRHM 102 OR NRHM 103
5644001  1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ENVRONMTL GEOLOGY  ENV S 102  3 CREDITS
4681001  1 MW 11:00-11:50
T 7:10-8:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ENVRONMTL GEOLOGY  ENV S 103  3 CREDITS
5663001  1 T 12:10-1:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
MATH 140, AGRON 182 (OR EQUIVALENT) OR AGRON 360.
3044003  1 TR 2:10-3:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
INTRO OCEANOGRAPHY  ENV S 108  3 CREDITS
4573005  1 MF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
INTRO ENVIRON SYSMS  ENSCI 581  3 CREDITS
Prereq: 12 CREDITS OF NATURAL SCIENCE INCLUDING BIOLOGY AND CHEMISTRY
2735001  1 ARRANGED
TR 11:00-1:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ANALYS ENVIRNM SYST  ENSCI 582  3 CREDITS
Prereq: ENSCI 581
6285001  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Prereq: 12 SEMESTERS COLLEGE-LEVEL CHEMISTRY, BIOL 312 OR ENSCI 381 OR ENSCI 402 OR NRHM 301
5664001  1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Prereq: CONCURRENT ENROLLMENT IN BIOL 586 OR A ECL 586 OR ENSCI 586
5663001  1 T 12:10-1:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $75.00
Special Topics  ENSCI 590  VAR. CREDITS
Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL SCIENCE FACULTY

RESEARCH  ENSCI 699  VAR. CREDITS

ENVIRONMENTAL STUDIES
ENVIRONMENTAL STUDIES (CONTINUED)

GEOLOGICAL DISASTERS ENV S 111 1 CREDIT
9170700 1 ARRANGED
MEETS: OCT 18-DEC 17
Note: Course delivery is WWW

INTR RENEW RESOURCES ENV S 120 3 CREDITS
5141005 1 MWF 12:05-12:55 SCHILTZ J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5141700 2 ARRANGED SKRYNNIKOV L
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
Cmptr regmnt: https://www.agonline.iastate.edu
/resources/computer-requirements

CLIMATE AND SOCIETY ENV S 140 3 CREDITS
Note: Meets international perspectives reqnt
0600005 1 TR 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ENVIRONMTL BIOLOGY ENV S 173 3 CREDITS
2022700 1 ARRANGED PLEASANTS J
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

INTRO ENVIRONMTL SYS ENV S 201 2 CREDITS
2282005 A1 TR 8:00-9:15 HALL S
ARRANGED
MEETS: OCT 18-DEC 17
Note: SEC A1 RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
Course delivery is On-site instruction
2282010 A2 TR 8:00-9:15 HALL S
ARRANGED
MEETS: OCT 18-DEC 17
Note: SEC A2 RESTRICTED TO AG X, ENV S, OPEN MAJORS
Course delivery is On-site instruction
3862700 1 ARRANGED HALLAM A
MEETS: SEPT 20-DEC 17
Note: Course delivery is WWW

ENVIRONMTL GEOGRAPHY ENV S 250 3 CREDITS
6155005 1 WMF 9:55-10:45 BURRAS C
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO ENSCA, ENSCS MAJORS ONLY
Course delivery is On-site instruction
6155010 2 WMF 9:55-10:45 BURRAS C
MEETS: AUG 23-DEC 17
Note: SEC 2 RESTRICTED TO AG X, AGRON, BIOL, BIOEA, ENV S, FOR, GEOG, MTEOR, OPEN MAJORS
Course delivery is On-site instruction

INTRO ENVIRNMTL SYS ENV S 270 3 CREDITS
3572005 1 ARRANGED SKRYNNIKOV L
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3572700 2 ARRANGED SKRYNNIKOV L
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
Cmptr regmnt: https://www.agonline.iastate.edu
/resources/computer-requirements

ENVIRONMTL PLANNING ENV S 293 3 CREDITS
Prereq: Sophomore Classification
Note: THIS COURSE IS A 2-PART COURSE. STUDENTS MUST REGISTER FOR EACH LEC. ALL SEC. STUDENTS WHO DON'T REGISTER FOR BOTH LEC. & LAB SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.
7576100 A ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
7576005 1 TR 12:40-1:30 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7576010 2 TR 10:00-11:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7576015 3 R 12:40-1:30 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7576020 4 R 1:40-2:30 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ENVIRONMENTAL STUDIES (CONTINUED)

ECOFEMINISM ENV S 320 3 CREDITS
Prereq: WGS 201 OR 3 CREDITS IN WGS AT THE 300 LEVEL OR ABOVE
Note: Meets U.S. diversity reqnt
2865005 1 ARRANGED ANDREWS S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ENVIRONMENTAL ETHICS ENV S 334 3 CREDITS
Prereq: THREE CREDITS IN PHIL OR JM CLASSIFICATN
5142005 1 TR 8:00-9:15 WOLP C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

WORLD FOOD ISSUES ENV S 342 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Meets international perspectives reqnt
1733005 1 MWF 11:00-11:50 ANDERSON A
MEETS: AUG 23-DEC 17
Note: SEC C1 RESTRICTED TO AGRON, CS A, CS H, DIETA, DIETH, FS A, FS N, NS A, NS H, PDEA, PDEKH MAJORS ONLY
Course delivery is Hybrid (Online and F2F)
1733010 2 T 9:30-10:45 ANDREWS S
R 9:30-10:45 ANDREWS S
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)
1733015 3 TR 12:40-1:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1733700 4 ARRANGED ANDREWS S
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
1733025 5 T 11:00-12:15 R 11:00-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

POPULATION & SOCIETY ENV S 345 3 CREDITS
Prereq: 12 CREDITS OF NATURAL SCIENCE INCLUDING BIOLOGY AND CHEMISTRY
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2020.
SEC 1A2A, ETC. RESTRICTED TO ENSCA, ENSCS MAJORS ONLY. SEC 1B, 2B, ETC. RESTRICTED TO MAJORS OTHER THAN ENSCA, ENSE.
3462005 1 WMF 2:15-3:15 STEVAN T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO ENVIRNMTL PLANNING ENV S 381 3-4 CREDITS
Prereq: 12 CREDITS OF NATURAL SCIENCE INCLUDING BIOLOGY AND CHEMISTRY
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2020.
SEC 1A2A, ETC. RESTRICTED TO ENSCA, ENSCS MAJORS ONLY. SEC 1B, 2B, ETC. RESTRICTED TO MAJORS OTHER THAN ENSCA, ENSE.
2312005 A1 ARRANGED CRUMPNT W
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2312010 A2 ARRANGED CRUMPRT W
TR 11:00-1:00 CRUMPRT W
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2312015 B1 ARRANGED TR 1:10-3:10 CRUMPNT W
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2312020 B2 ARRANGED TR 1:10-3:10 CRUMPNT W
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2312025 C1 ARRANGED TR 3:10-5:10 CRUMPNT W
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2312030 C2 ARRANGED TR 3:10-5:10 CRUMPNT W
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ENVIRONMENTAL SOCIOLOGY ENV S 382 3 CREDITS
Prereq: SOC 130, SOC 134, OR 3 CREDITS IN SOC AT 200 level or above
Note: PREREQ: JUNIOR CLASSIFICATION AS OF FALL 2020.
3797000 1 TR 8:00-10:15 TAYLOR R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTERNATIONAL STUDIES ENV S 390 3 CREDITS
Prereq: APPROVAL OF THE ENV S COORDINATOR
Satisfactory-Fail Only.
Note: SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENV S 404 3 CREDITS
Prereq: 4 COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING
8673700 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

SUSTAINABLE ENVIRONMENT HORT ENV S 424 3 CREDITS
5157000 1 TR 8:15-10:15 HAYNES C
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

Note: Course delivery is On-site instruction
ENVIRONMENTAL STUDIES (CONTINUED)

CONTR NAT RSRC MGT ENV S 460 3 CREDITS
Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND
JUNIOR CLASSIFICATION.
2880005 1 MW 1:10-2:30 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2880010 2 MW 4:25-5:40 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INDEPENDENT STUDY ENV S 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF
ENV S COORDINATOR.
******** SEE DEPT FOR REFERENCE NUMBERS

EVENT MANAGEMENT

INTRO EVENT MANAGMT EVENT 171 3 CREDITS
6726005 1 TR 12:40-1:55 MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

DIGITAL PRODCTN EVENT EVENT 212 3 CREDITS
Prereq: COURSE RESTRICTED TO EVENT MAJORS ONLY
0010005 1 M 2:15-4:05, ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
0010105 2 W 9:55-11:45, ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

AMUSEMENT PARK ADMIN EVENT 320 3 CREDITS
Prereq: HRI 101 OR PERMISSION OF INSTRUCTOR
2041005 1 MW 2:15-3:35 MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

EVENT SALES EVENT 367 3 CREDITS
Prereq: EVENT 171 OR EVENT 271; AESHM 340
7580005 1 TR 11:00-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CONFRMW&GG PLANNNG EVENT 371 3 CREDITS
Prereq: EVENT 171 OR EVENT 271 AND JUNIOR
STANDING
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2020
1350005 1 MW 12:05-2:55 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

WEDDING PLANNING MGT EVENT 373 3 CREDITS
Prereq: EVENT 171 OR EVENT 271 AND EVENT
MANAGEMENT MAJOR
Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
8128005 1 MW 9:55-10:45 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

NONPROFIT FNDRAIS EV EVENT 379 3 CREDITS
Prereq: EVENT 171 OR EVENT 271, INSTRUCTOR
PERMISSION
5508005 1 TR 9:30-10:45 MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO EVENT, FEDS MAJORS
Course delivery is On-site instruction

EVENT MGT WORKSHOP EVENT 393 1-3 CREDITS
Note: NO MORE THAN 6 CREDITS OF EVENT 393 MAY BE
APPLIED TOWARD GRADUATION
OFS 393005 1 M 5:00-7:30PM MEETS: AUG 23-DEC 17
Note: SEC 1 OFFERED FOR 3 CREDITS
Course delivery is WWW

CASE STUDY EVENT MGT EVENT 431 3 CREDITS
Prereq: INSTRUCTOR PERMISSION
4165005 1 M 5:30-7:30PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SPECIAL EVENTS COORD EVENT 471 3 CREDITS
Prereq: EVENT 371; JUNIOR STANDING; PERMISSION
OF INSTRUCTOR
6904005 1 MW 8:50-9:40 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

EVENT PRODUCTION EVENT 485 3 CREDITS
Prereq: EVENT 371
Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
7591005 1 MW 11:10-2:00, ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
MEETS: AUG 23-DEC 17

FINANCE

PRINCIPL OF FINANCE FIN 301 3 CREDITS
Prereq: ACCT 284, ECON 101, STAT 226
Note: SEC A1,B1,ETC. RESTRICTED TO FIN MAJORS ONLY.
SEC B1,B2,ETC. RESTRICTED TO MAJORS OTHER THAN
FIN, BUS. SEC A2,B2,ETC. RESTRICTED TO MAJORS OTHER THAN
BUS, BUS S, BUS U, BUSEC, ENSP, ENTSP, FIN,
MGT, MIS, MKT, SCM UNDERGRAD MAJORS;
COURSES NOT OPEN TO P.BUS.

FAMILY & CONSUMER SCIENCES ED & STUDIES (CONTINUED)

INDEPENDENT STUDY GENERAL FCEDS 490G VAR. CREDITS
Prereq: DEPARTMENTAL APPROVAL
Note: Professional support, field trips &/or travel fee $150.00

SUPERVISORY EXPERIENCE FCEDS 491A 3 - 8 CREDITS
Prereq: HD FS Category 449; 24 CREDITS IN FAMILY AND
CONSUMER SCIENCES; RESERVATION REQUIRED
Satisfactory-Fail Only.

FAMILY FINANCIAL PLANNING

FUND FAMILY FINANCE FFP 530 3 CREDITS
820700 G ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Course delivery is WWW
Tuition Category: GPIDEA Consortium

FINANCIAL COUNSELING FFP 535 3 CREDITS
8211700 G ARRANGED
MEETS: AUG 23-DEC 17
Note: Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

RETIREMENT PLANNING FFP 545 3 CREDITS
8215700 G ARRANGED
MEETS: AUG 23-DEC 17
Note: Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

PERSONAL INCOME TAX FFP 565 3 CREDITS
8203700 G ARRANGED
MEETS: AUG 23-DEC 17
Note: Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

INVESTMENTS AND FUTURE FINANCE FFP 583 3 CREDITS
8208700 G ARRANGED
MEETS: AUG 23-DEC 17
Note: Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

PRACTICUM FFP 591 3 - 6 CREDITS
6273700 F ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery: As WWWW
Course delivery is WWW
Tuition Category: GPIDEA Consortium

FINANACIAL INSTITUTIONS FFP 595 3 CREDITS
Prereq: FFP 530, FFP 540, FFP 545, FFP 555, FFP 565, FFP 583
8218700 G ARRANGED
MEETS: AUG 23-DEC 17
Note: Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

FINANCE

PRINCIPLE OF FINANCE FIN 301 3 CREDITS
Prereq: ACCT 284, ECON 101, STAT 226
Note: SEC A1,B1,ETC. RESTRICTED TO FIN MAJORS ONLY.
SEC A2,B2,ETC. RESTRICTED TO MAJORS OTHER THAN
FIN, P.BUS.
6829005 A1 MF 8:50-9:40 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6829010 A2 TR 2:10-3:25 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6829015 B1 MF 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6829020 B2 MF 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7784400 D1 TR 2:10-3:25 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
FINANCE  (CONTINUED)

PERSNL RISK MGMT&INS  FIN  361  3 CREDITS
Prereq: FIN 301
Note: COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO REGISTER.
3693005  A1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY. Course delivery is On-site instruction.
3693010  A2 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: SEC A2 RESTRICTED TO ACCT, ACSCI, BU AN, BUS S, BUSEC, F C S, MGMT, MKT, SCW, ENTSF MAJORS ONLY. Course delivery is On-site instruction.
3693015  B1 TR 11:00-12:15
MEETS: AUG 23-DEC 17
Note: SEC B1 RESTRICTED TO FIN MAJORS ONLY. Course delivery is On-site instruction.
3693020  B2 TR 11:00-12:15
MEETS: AUG 23-DEC 17
Note: SEC B2 RESTRICTED TO ACCT, ACSCI, BU AN, BUS S, BUSEC, F C S, MGMT, MKT, SCW, ENTSF MAJORS ONLY. Course delivery is On-site instruction.

REAL ESTATE PRINCIP  FIN  371  3 CREDITS
Prereq: ECON 10
Note: SEC A1,B1 RESTRICTED TO FIN MAJORS ONLY. SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN FIN, P BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
3690005  A1 MWF 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
3690010  A2 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
3690015  B1 TR 3:40-4:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
3690020  B2 TR 3:40-4:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

BUS FINANC DECISNS  FIN  415  3 CREDITS
Prereq: FIN 310
Note: SEC A1,B1 ETC. RESTRICTED TO FIN MAJORS ONLY. SEC A2, B2 ETC. RESTRICTED TO ACCT, ACSCI, BU AN, BUS U, BUSEC, F C S, MGMT, MKT, SCW, ENTSF, UNDERGRADS. COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
3698005  A1 MWF 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
3698010  A2 MWF 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
3698015  B1 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
3698020  B2 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

FIN FUTURES&OPTIONS  FIN  424  3 CREDITS
Prereq: FIN 320 AND STAT 326
Note: COURSE NOT OPEN TO P BUS MAJORS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
3697005  A1 TR 12:40-1:55
MEETS: AUG 23-DEC 17
Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY. Course delivery is On-site instruction.
3697010  A2 TR 12:40-1:55
MEETS: AUG 23-DEC 17
Note: SEC A2 RESTRICTED TO ACCT, ACSCI, BU AN, BUS U, BUSEC, F C S, MGMT, MKT, SCW, ENTSF, UNDERGRADS COURSE delivery is On-site instruction.

FINANCE  (CONTINUED)

PREDICT ANALYTIC FIN  FIN  455X  3 CREDITS
Prereq: FIN 301, STAT 326
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS EXCEPT P BUS.
0546005  T R 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

CORPOR RISK MGT&INS  FIN  462  3 CREDITS
Prereq: FIN 310
Note: SEC A1,B1 RESTRICTED TO FIN MAJORS ONLY. SEC A2,B2 RESTRICTED TO ACCT, ACSCI, BU AN, BUS U, BUS S, BUSEC, ENTSF, MGMT, MIS, MKT, SCW, UNDERGRAD MAJORS. COURSE RESTRICTED TO ADD.
9268005  A1 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
9268010  A2 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
9268015  B1 MWF 12:00-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
9268020  B2 MWF 12:00-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

REAL ESTATE FINANCE  FIN  472  3 CREDITS
Prereq: FIN 301 AND STAT 326
Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY. SEC A2 RESTRICTED TO MAJORS OTHER THAN FIN, P BUS. GRADUATE STUDENTS BY SIGNATURE FROM 1200 GERDIN.
4555005  A1 TR 9:10-10:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
4555010  A2 TR 9:10-10:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

REAL ESTATE INVESTM  FIN  474  3 CREDITS
Prereq: FIN 371 OR FIN 427; AND STAT 326
Note: COURSE RESTRICTED TO AG 4 UNDERGRAD BUSINESS STUDENTS EXCEPT P BUS.
9641005  TR 12:40-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

INTERNATIONAL FINANCE  FIN  480  3 CREDITS
Prereq: FIN 310 OR FIN 320 OR FIN 330
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS EXCEPT P BUS.
5131005  A1 MWF 2:15-3:05
MEETS: AUG 23-DEC 17
Note: SEC A1 RESTRICTED TO FIN MAJORS OTHER THAN BUS S, BUSEC, ENTSF, MGMT, MIS, MKT, SCW, UNDERGRAD MAJORS. COURSE delivery is On-site instruction.

INDEPENDENT STUDY  FIN  490  1-3 CREDITS
Prereq: FIN 301, STAT 326 AND PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

FIN VALU&CORP DECISNS  FIN  501  3 CREDITS
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
9124700  T R 8:00-9:00
MEETS: AUG 23-DEC 17
Note: DEPARTMENT PERMISSION REQUIRED. MEETS: 11/13, 11/14, 12/4, 12/5 FROM 8-11AM & 1-5PM ON FRIDAYS MEETS 8-11AM & 12-3PM ON SATURDAYS. 455-545 department permission required. Course delivery is WWW.

ADV CORPORAT FINANC  FIN  510  3 CREDITS
Prereq: FIN 501 OR INSTRUCTOR PERMISSION
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
3703005  TR 8:00-9:00
MEETS: SEPT 2-NOV 18
Note: Course delivery is On-site instruction.
FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD & THE CONSUMER  FS HN 101  3 CREDITS
Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
3 CREDITS EACH OF BIOLOGY AND CHEMISTRY
3659005  1 MF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3659700  2 ARRANGED
BOYLSTON T
Note: Course delivery is WWW
Cmtr reqt: https://www.agnolne.lastate.edu
/resources/computers-requirements

INTRO CULINARY SKILLS  FS HN 104  1 CREDIT
Prereq: CULINARY FOOD SCIENCE MAJOR OR MINOR
Note: COURSE RESTRICTED TO CFUSFA, CFUSH MAJORS ONLY
8416005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PROFESNL&EDUC PREP  FS HN 110  1 CREDIT
Satisfactory-Fail Only.
3661005  1 TR 2:10-3:00
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
3661010  2 TR 2:10-3:00
MEETS: AUG 23-OCT 15
Note: SEC 2 FOR TRANSFER STUDENTS ONLY
Course delivery is WWW

FOOD PREPARETN LAB  FS HN 115  1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN FS HN 111 OR
FS HN 214
2922005  1 T 1:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $90.00
2922010  2 T 9:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $90.00
2922015  3 R 1:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $90.00
2922020  4 R 9:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $90.00
2922025  5 T 9:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $90.00
2922030  6 R 9:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $90.00

BIOCHEMISTRY OF BEER  FS HN 120  2 CREDITS
Note: CREDIT IN BMB 120/FS HN 120 MAY ONLY BE
APPLIED TOWARD GRADUATION AS ELECTIVE CREDIT BY
NATURAL SCIENCE MAJORS
2283005  1 TR 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

INTRO HUMAN NUTRITN  FS HN 167  3 CREDITS
Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
3600005  1 MF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3600015  2 MF 1:00-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3600700  3 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ISSU FOOD SCIANUTRI  FS HN 203  1 CREDIT
8685005  1 W 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
8685010  2 T 4:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SCIENTIF STUDY FOOD  FS HN 214  3 CREDITS
Prereq: FS HN 167 OR FS HN 263; CHEM 231 OR CHEM
311; CONCURRENT ENROLLMENT IN FS HN 115 OR FS HN 215
REQUIRED.
3603005  1 MFN 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV FOOD PREPAR LAB  FS HN 215  2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN FS HN 214
2928005  1 TR 9:00-11:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

AMER FOOD&CULTURE  FS HN 220X  3 CREDITS
Note: Meets U.S. diversity reqmt
0825005  1 MN 1:10-2:20
MEETS: AUG 23-DEC 17

INTRO MFG PLASTICS  FS HN 241  2 CREDITS
0246005  1 M 3:20-4:10
T 8:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $75.00
0246010  1 M 3:20-4:10
T 10:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $75.00
0246015  3 M 3:20-4:10
W 7:45-9:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $75.00
0246020  4 M 3:20-4:10
W 9:55-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $75.00
0246025  5 M 3:20-4:10
R 10:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $75.00
0246030  6 M 3:20-4:10
R 1:00-2:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $75.00

FUND NUTR BIOCHM&MT  FS HN 264  3 CREDITS
Prereq: FS HN 167; CHEM 161, CHEM 163L 3 CREDITS
IN BIOL
2969005  1 MFN 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FOOD CHEMISTRY  FS HN 311  3 CREDITS
Prereq: ENGL 255; CHEM 231 OR CHEM 331; CREDIT OR
ENROLLMENT IN BMB 301
3669005  1 TR 12:40-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FOOD CHEMISTRY LAB  FS HN 311L  1 CREDIT
3083005  1 T 2:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $70.00
3083010  2 R 2:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $70.00

FINANCE (CONTINUED)

FINANC ANLYS&VALUAT  FIN 530  3 CREDITS
Prereq: FIN 501 OR INSTRUCTOR PERMISSION
1554005  1 S 8:30-11:15
MEETS: SEPT 4-NOV 20
Note: Course delivery is On-site instruction

FINANCL DERIVATIVES  FIN 534  3 CREDITS
Prereq: FIN 501 OR GRADUATE CLASSIFICATION
Note: RESTRICTS TO BUSINESS GRADUATE STUDENTS
3450005  1 TR 2:10-3:15
MEETS: AUG 24-NOV 11
Note: Course delivery is On-site instruction

REAL ESTATE FINANCE  FIN 572  3 CREDITS
Prereq: MASTER OF REAL ESTATE DEVELOPMENT
STUDENTS ONLY OR INSTRUCTOR PERMISSION
8795700  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Department permission required.
Course delivery is WWW

SPECIAL TOPICS  FIN 590  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD & THE CONSUMER  FS HN 101  3 CREDITS
Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
3 CREDITS EACH OF BIOLOGY AND CHEMISTRY
3659005  1 MF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3659700  2 ARRANGED
BOYLSTON T
Note: Course delivery is WWW
Cmtr reqt: https://www.agnolne.lastate.edu
/resources/computers-requirements

INTRO CULINARY SKILLS  FS HN 104  1 CREDIT
Prereq: CULINARY FOOD SCIENCE MAJOR OR MINOR
Note: COURSE RESTRICTED TO CFUSFA, CFUSH MAJORS ONLY
8416005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PROFESNL&EDUC PREP  FS HN 110  1 CREDIT
Satisfactory-Fail Only.
3661005  1 TR 2:10-3:00
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
3661010  2 TR 2:10-3:00
MEETS: AUG 23-OCT 15
Note: SEC 2 FOR TRANSFER STUDENTS ONLY
Course delivery is WWW
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<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Prerequisites</th>
<th>Fee</th>
<th>Notes</th>
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<tr>
<td>1923005</td>
<td>1</td>
<td>T</td>
<td>11:00-11:50</td>
<td>ANDERSON A</td>
<td>MEETS: AUG 23-DEC 17</td>
<td>$60.00</td>
<td>Notes: Course delivery is On-site instruction, JUNIORS AND SENIORS ONLY, Note: SEC 1 RESTRICTED to AGRON, CUFSA, CUFSH, DIETA, DIETH, FS A, FS H, HS A, HS H, PDEKA, PDEKH MAJORS ONLY.</td>
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<td>1923010</td>
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<td>ANDERSON S</td>
<td>MEETS: AUG 23-DEC 17</td>
<td>$60.00</td>
<td>Notes: Course delivery is Hybrid (Online and F2F), MEETS 3h, Note: SEC 3 RESTRICTED to DIETA, DIETH, FS A, FS H, PDEKA, PDEKH MAJORS ONLY, Note: Satisfactory-Fail Only.</td>
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<td>1923015</td>
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<td>MEETS: AUG 23-DEC 17</td>
<td>$60.00</td>
<td>Notes: Course delivery is On-site instruction, MEETS 3h, Note: SEC 3 RESTRICTED to DIETA, DIETH, FS A, FS H, PDEKA, PDEKH MAJORS ONLY.</td>
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<td>1923025</td>
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<td>MEETS: AUG 23-DEC 17</td>
<td>$60.00</td>
<td>Notes: Course delivery is On-site instruction, MEETS 3h, Note: SEC 4 RESTRICTED to DIETA, DIETH, FS A, FS H, PDEKA, PDEKH MAJORS ONLY.</td>
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<td>2976005</td>
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<td>11:00-11:50</td>
<td>ARRANGED</td>
<td>MEETS: AUG 23-DEC 17</td>
<td>$60.00</td>
<td>Notes: Course delivery is On-site instruction, MEETS 3h, Note: SEC 1 RESTRICTED to AGRON, CUFSA, CUFSH, DIETA, DIETH, FS A, FS H, HS A, HS H, PDEKA, PDEKH MAJORS ONLY.</td>
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<td>Prereq: SENIOR OR GRAD CLASSIFICATION, OR U.S.HEALTH SYS&amp;PLCY FS HN 360, 3 CREDITS, Note: COURSE RESTRICTED to DIETA, DIETH, FS A, FS H, PDEKA, PDEKH MAJORS ONLY, Note: Meets U.S. diversity reqmt, Note: Instrctor permission required.</td>
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<td>3610005</td>
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<td>12:10-1:00</td>
<td>MEETS: AUG 23-DEC 17</td>
<td>$60.00</td>
<td>Notes: Course delivery is On-site instruction, MEETS 1h, Note: SEC 1 RESTRICTED to AGRON, CUFSA, CUFSH, DIETA, DIETH, FS A, FS H, PDEKA, PDEKH MAJORS ONLY.</td>
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<td>$60.00</td>
<td>Notes: Course delivery is On-site instruction, MEETS 2h, Note: SEC 2 RESTRICTED to DIETA, DIETH, FS A, FS H, PDEKA, PDEKH MAJORS ONLY.</td>
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<td>3613010</td>
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<td>$60.00</td>
<td>Notes: Course delivery is On-site instruction, Note: SEC 3 RESTRICTED to DIETA, DIETH, FS A, FS H, PDEKA, PDEKH MAJORS ONLY.</td>
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<td>MEETS: AUG 23-DEC 17</td>
<td>$60.00</td>
<td>Notes: Course delivery is On-site instruction, Note: SEC 1 RESTRICTED to AGRON, CUFSA, CUFSH, DIETA, DIETH, FS A, FS H, PDEKA, PDEKH MAJORS ONLY.</td>
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<td>3630005</td>
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<td>MEETS: AUG 23-DEC 17</td>
<td>$60.00</td>
<td>Notes: Course delivery is On-site instruction, MEETS 2h, Note: SEC 1 RESTRICTED to AGRON, CUFSA, CUFSH, DIETA, DIETH, FS A, FS H, PDEKA, PDEKH MAJORS ONLY.</td>
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<td>Notes: Course delivery is On-site instruction, MEETS 2h, Note: SEC 1 RESTRICTED to AGRON, CUFSA, CUFSH, DIETA, DIETH, FS A, FS H, PDEKA, PDEKH MAJORS ONLY.</td>
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<td>3664005</td>
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<td>MEETS: AUG 23-DEC 17</td>
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<td>Notes: Course delivery is On-site instruction, MEETS 2h, Note: SEC 1 RESTRICTED to AGRON, CUFSA, CUFSH, DIETA, DIETH, FS A, FS H, PDEKA, PDEKH MAJORS ONLY.</td>
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<td>3665005</td>
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<td>ANDREWS S</td>
<td>MEETS: AUG 23-DEC 17</td>
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<td>Notes: Course delivery is On-site instruction, MEETS 3h, Note: SEC 1 RESTRICTED to AGRON, CUFSA, CUFSH, DIETA, DIETH, FS A, FS H, PDEKA, PDEKH MAJORS ONLY.</td>
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</table>
FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

IND STUDY DIETETICS FS HN 490A 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: No more than 6 credits of FS HN 490A may be applied toward graduation

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

INDEP STUDY FOOD SCI FS HN 490B 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: No more than 6 credits of FS HN 490A may be applied toward graduation

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

IND STUDY NUTRITION FS HN 490C 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: No more than 6 credits of FS HN 490A may be applied toward graduation

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

IND STUDY IN'T'L EXP FS HN 490D 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: No more than 6 credits of FS HN 490A may be applied toward graduation

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

IND STUDY ENTREPREN FS HN 490E 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: No more than 6 credits of FS HN 490A may be applied toward graduation

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

SUPR WORK DIETETICS FS HN 491A 1-4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: No more than 4 credits of FS HN 491A,B,C may be applied toward graduation
Satisfactory-Fail Only.

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

SUPR WORK FOOD SCI FS HN 491B 1-4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: No more than 4 credits of FS HN 491A,B,C may be applied toward graduation

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

SUPR WORK NUTRITION FS HN 491C 1-4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: No more than 4 credits of FS HN 491A,B,C may be applied toward graduation
Satisfactory-Fail Only.

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

SUPR WORK CULINARY FS HN 491D 1-4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: No more than 4 credits of FS HN 491A,B,C may be applied toward graduation
Satisfactory-Fail Only.

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

RASCH CNCEPSTS NUTR FS HN 492 2 CREDITS
Prereq: SENIOR CLASSIFICATION OR PERMISSION OF INSTRUCTOR, FS HN 360

8460005 1 MW 2:15-3:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $150.00

PRACTICUM FS HN 495 2 CREDITS
Prereq: SENIOR CLASSIFICATION IN NUTRITION SCIENCE - NUTRITION AND WELLNESS OPTION OR PERMISSION OF INSTRUCTOR; FS HN 366; CREDIT OR ENROLLMENT IN FS HN 463
Satisfactory-Fail Only.

3048005 1 W 3:20-4:40, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

COOPERATV EDUCATION FS HN 498 R CREDIT
Prereq: PERMISSION OF THE DEPARTMENT CHAIR
Satisfactory-Fail Only.

8323005 1 ARRANGED
MEETS: AUG 23-DEC 17

UNDERGRAD RESEARCH FS HN 499 1-6 CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WMCM
Note: No more than 6 credits of FS HN 499 may be applied toward graduation

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

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

SENSORY EVALUA FOOD FS HN 506 3 CREDITS
Prereq: FS HN 305 AND CREDIT OR ENROLLMENT IN FS HN 411; 3 CREDITS IN STATISTICS

6209005 1 MN 1:10-2:00
T 9:00-11:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $65.00

6209010 2 MN 1:10-2:00
T 2:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $65.00

6209015 3 MN 1:10-2:00
R 2:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SAFTY FOOD FROM ANI FS HN 507 3 CREDITS
Prereq: MICRO 420

2196005 1 TR 8:00-9:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $50.00

INTEGRATED FOOD SCI FS HN 511 3 CREDITS
Prereq: 3 CREDITS IN ORGANIC CHEMISTRY

3606005 1 MFN 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVANCED NUTRITION I FS HN 516 2 CREDITS
Prereq: ACCEPTANCE IN THE MASTER'S OF PROFESSIONAL PRACTICE IN DIETETICS PROGRAM

4202700 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Instructor permission required.
Course delivery is WWW

GUT MICROBIOME: HLTH FS HN 517 3 CREDITS
Prereq: 2-3 CREDITS IN MICROBIOLOGY AND/or IMMUNOLOGY

7644005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FOOD MICROBIOLOGY FS HN 524 3 CREDITS
Prereq: MICROBIOLOGY COURSE WITH LABORATORY, ENROLLMENT IN GPA IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR

9119700 G ARRANGED
MEETS: AUG 23-DEC 11
Note: SEC G GPIDEA COURSE OFFERED THRU UNL
CONTACT GPIDEA COORDINATOR TO ENROLL. CASEY SMITH, AGONLINESERVICES@IASTATE.EDU, 800-747-4478
Course delivery is On-site instruction
Course delivery is WWW
Tuition Category: GPIDEA Consortium

PRINCIPLES OF HACCP FS HN 525 2 CREDITS
Prereq: UNDERGRADUATE BIOLOGY AND CHEMISTRY COURSES, ENROLLMENT IN GPA IDEA FOOD SAFETY AND DEFENSE CERTIFICATE OR PERMISSION OF INSTRUCTOR

9442700 F ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC F CONTACT GPIDEA COORDINATOR TO ENROLL.
CASEY SMITH, AT AGONLINESERVICES@IASTATE.EDU, OR 800-747-4478.
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

SENSORY EVALUA FOOD FS HN 527 2 CREDITS
Prereq: FS HN 305 AND CREDIT OR ENROLLMENT IN FS HN 411; 3 CREDITS IN STATISTICS

6209016 1 TR 10:30-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $65.00

SENSORY EVALUA FOOD FS HN 530 2 CREDITS
Prereq: SENIOR OR GRAD CLASSIFICATION, OR PERMISSION OF INSTRUCTOR

0155005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO DNA TECHNIQS FS HN 542A 1 CREDIT
Satisfactory-Fail Only.

7123005 1 TR 10:30-11:40
 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
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<th>Credits</th>
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<td>FS HN 555 3 CREDITS</td>
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<td>Prereq: ACCEPTANCE IN THE MASTER OF PROFESSIONAL PRACTICE IN DIETITICS PROGRAM</td>
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<td>3055700</td>
<td>1 ARRANGED</td>
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<td>MEETS: AUG 23-DEC 17</td>
<td>Note: EMAIL <a href="mailto:MDATTAR@IASTATE.EDU">MDATTAR@IASTATE.EDU</a> FOR PERMISSION</td>
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<td>MEETS: AUG 23-DEC 17</td>
<td>Note: EMAIL <a href="mailto:MDATTAR@IASTATE.EDU">MDATTAR@IASTATE.EDU</a> FOR PERMISSION</td>
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<td>2223005</td>
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<td>ORINT FS HN RESRCH</td>
<td>FS HN 580 1 CREDIT</td>
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<td>Prereq: FRESH OR SOPH CLASSIFICATION</td>
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<td>6294005</td>
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<td>SPL TOPICS NUTRITION</td>
<td>FS HN 590A 1-3 CREDITS</td>
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<td>FS HN 590B 1-3 CREDITS</td>
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<td>FS HN 590C 1-3 CREDITS</td>
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<td>SEMINAR</td>
<td>FS HN 681</td>
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<td>SPECIAL PROBLEMS</td>
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<td>GRANT PROPOSAL WRIT</td>
<td>FS HN 695 1 CREDIT</td>
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<td>RESCHR FOOD SCIENCE</td>
<td>FS HN 699 V AR. CREDITS</td>
<td></td>
<td>Prereq: FRESH OR SOPH CLASSIFICATION</td>
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<td><strong>SEE DEPT FOR REFERENCE NUMBERS</strong></td>
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<tr>
<td>FORESTRY</td>
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<tr>
<td>FOREST BIOLOGY</td>
<td>FOR 201 2 CREDITS</td>
<td></td>
<td>Prereq: CONCURRENT ENROLLMT IN FOR 202, FOR 203, FOR 204, FOR 205, FOR 206</td>
<td></td>
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<tr>
<td>3709005</td>
<td>1 MWF 8:50-9:40</td>
<td></td>
<td>MEETS: AUG 23-DEC 17</td>
<td>Note: Course delivery is On-site instruction</td>
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<tr>
<td>SUSTNBL:WOOD UTILIZ</td>
<td>FOR 202 2 CREDITS</td>
<td></td>
<td>Prereq: CONCURRENT ENROLLMT IN FOR 201, FOR 203, FOR 204, FOR 205, FOR 206</td>
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<tr>
<td>3710005</td>
<td>1 MWF 11:00-11:50</td>
<td></td>
<td>MEETS: AUG 23-DEC 17</td>
<td>Note: Course delivery is On-site instruction</td>
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**FOOD SCIENCE & HUMAN NUTRITION**

**FORESTRY**

**FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)**
Course delivery is Hybrid (Online and F2F)

Note: Meets international perspectives reqmt

STUDIES FR ART&FILM FRNCH 326 3 CREDITS
Prereq: FRNCH 301
Note: Meets international perspectives reqmt

6544005 1 MW 9:55-10:45
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)
FALL 2021

GENETICS (CONTINUED)

GENETICS LABORATORY GEN 313L 1 CREDIT
Note: Course delivery is On-site instruction
Materials and professional support fee $100.00
9560045 9 TR 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $100.00
9560050 10 TR 3:30-4:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $100.00
9560055 11 TR 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $100.00
9560060 12 TR 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and professional support fee $100.00

GENET, AGRI & BIOTECHN GEN 320 3 CREDITS
Prereq: BIOL 211
Note: Credit for only one of the following may be applied toward graduation: GEN 260, GEN/Biol 313 and 313L, GEN/AGRON 320
3539005 1 TR 11:00-12:15
LEE M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTR BIOINF RMTC&CMPT GEN 322 3 CREDITS
Prereq: BIOL 212
9773005 1 ARRANGED
CHEN K
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

HUMAN GENETICS GEN 340 3 CREDITS
Prereq: BIOL 313 or GEN 313
3794700 1 ARRANGED
NILSEN-HAMILTON
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

DOM ANIM GENET PRIN GEN 351X 3 CREDITS
Prereq: BIOL 211, BIOL 212, and STAT 101 or 104
0824005 1 TR 3:30-4:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FUND BIOINF RMTC&CM PT GEN 401 3 CREDITS
Prereq: BCIO 322; Basic Programming Experience (Comp S 127, Comp S 227 or Permission of Instructor); MATH 160 or MATH 161; and STAT 101 or STAT 104; and MATH 164 or STAT 301
0492005 1 TR 11:00-12:20
DORMAN K
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MOLECULAR GENETICS GEN 409 3 CREDITS
Prereq: BIOL 313 or GEN 313
3832005 1 MF 9:55-10:45
KELLEY D
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

EVLUTNARY GENETICS GEN 462 3 CREDITS
Prereq: BIOL 315
3835005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MOL CRGNOM EVOLTN GEN 466X 3 CREDITS
Prereq: BIOL 315, BIOL 313 or GEN 313
0496005 1 TR 3:30-4:45
WENDEL J
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

INDEPENDENT STUDY GEN 490 1-5 CREDITS
Prereq: GEN 313, JUNIOR or SENIOR CLASSIFICATION, PERMISSION of INSTRUCTOR
Note: Genetics Students may use no more than 9 CREDITS of University-Wide 490-499 Credits toward graduation
******* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEN 491 1 CREDIT
Prereq: GEN 409
3870005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

UG TCH EXPERIENCE GEN 492 1-2 CREDITS
Prereq: GEN 313, JUNIOR or SENIOR CLASSIFICATION, PERMISSION of INSTRUCTOR
Note: No more than 2 CREDITS of GEN 492 may be applied toward the Genetics advanced course requirement
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GENETICS GEN 495 1-3 CREDITS
Prereq: GEN 313, JUNIOR or SENIOR CLASSIFICATION, PERMISSION of INSTRUCTOR
Note: Genetics Students may use no more than 9 CREDITS of University-Wide 490-499 Credits toward graduation
******* SEE DEPT FOR REFERENCE NUMBERS

ATTEND & CRITIQ SEMINAR GEN 496 1 CREDIT
Prereq: GEN 313, JUNIOR or SENIOR CLASSIFICATION, PERMISSION of INSTRUCTOR
Note: Genetics Students may use no more than 9 CREDITS of University-Wide 490-499 Credits toward graduation
******* SEE DEPT FOR REFERENCE NUMBERS

ATTEND & CRITIQ SEMINAR GEN 499H 1-5 CREDITS
Prereq: GEN 313, JUNIOR or SENIOR CLASSIFICATION, PERMISSION of INSTRUCTOR
Note: Membership in University Honors Program.
******* SEE DEPT FOR REFERENCE NUMBERS

ATTEND & CRITIQ SEMINAR GENETICS RESEARCH HONORS GEN 499 1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

ATTEND & CRITIQ SEMINAR GENETICS RESEARCH GEN 499 1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

ATTEND & CRITIQ SEMINAR GENETICS RESEARCH GENETICS RESEARCH HONORS GEN 697 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

GRAD RESEARCH ROTAT GENETICS 697 1 CREDIT
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

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

WORKSHOP IN GENETICS GENET 591 1 CREDIT
******* SEE DEPT FOR REFERENCE NUMBERS

FACULTY RESEARCH SEMINAR GENETICS GENET 691 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
9314005 1 W 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CONCEPTUAL FOUNDATION GENETICS GENET 692 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
9315005 1 W 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GRAD RESEARCH ROTATION GENETICS 697 1 CREDIT
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

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

GENETICS, DEVELOPMENT & CELL BIOL

TRANSMISSION GENETICS GDCB 510 3 CREDITS
2908005 1 TR 11:00-12:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVANCED DEVELOPMENTAL BIOLOGY GDCB 533 3 CREDITS
9565005 1 TR 12:40-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRODUCTION TO DNA TECHNOLOGY GDCB 542A 1 CREDIT
7089005 1 TR 11:00-12:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GENETICS RESEARCH GDCB 544 4 CREDITS
Prereq: MATH 165 or STAT 401 or Equivalent
8556005 1 MF 11:00-11:50
R 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PLANT MOLECULAR & DEVELOPMENTAL BIOLOGY GDCB 545 3 CREDITS
Prereq: BIOL 313, BIOL 314, BIOL 423, BIOL 405
2119005 1 TR 9:30-10:50
KELLEY D
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

NEUROSCIENCE ROTATION GDCB 557 2 CREDITS
Prereq: Instructor permission required 1st week.
9566005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
GENETICS, DEVELOPMENT & CELL BIOL (CONTINUED)

STRUCT BIOINFMTCS GDCB 569 3 CREDITS
0016005 1 TR 12:40-1:55 SONG G
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
SPECIAL TOPICS GDCB 590 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
SEE DEPT FOR REFERENCE NUMBERS
SEMINAR IN GDCB GDCB 690 1 CREDIT
Satisfactory-Fail Only.
7142005 1 F 4:10-5:00, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
FACULTY SEMINAR GDCB 691 1 CREDIT
4705005 1 R 12:40-1:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
RESEARCH SEMINAR GDCB 696 1 CREDIT
Satisfactory-Fail Only.
8832005 1 W 4:25-5:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
RESEARCH GDCB 699 VAR. CREDITS
SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

HOW THE EARTH WORKS GEOL 100 3 CREDITS
3870005 1 MWF 11:00-12:50 CERVATO C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3870010 2 MWF 11:00-12:50 CERVATO C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3870700 3 ARRANGED WOOD A
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
HOW EARTH WORKS/LAB GEOL 100L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN GEOL 100
7595005 1 T 10:00-11:50 WOOD A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $30.00
7595010 2 T 11:00-3:00 WOOD A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $30.00
7595015 3 R 11:00-3:00 WOOD A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $30.00
7595020 4 R 3:10-5:00 WOOD A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $30.00
ENVIRONMNTRL GEOLOGY GEOL 101 3 CREDITS
7596005 1 MWF 9:30-10:45 DAWSON J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
AGE OF DINOSAURS GEOL 103 1 CREDIT
9327700 1 ARRANGED WOOD A
MEETS: OCT 18-DEC 17
Note: Course delivery is WWW
INTRO OCEANOGRAPHY GEOL 108 3 CREDITS
9022005 1 TR 2:10-3:25 JOHNSON B
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
GEOLGICAL DISASTERS GEOL 111 1 CREDIT
9132700 1 ARRANGED MEETS: OCT 18-DEC 17
Note: Course delivery is WWW
GEOSCIENCE ORIENT GEOL 112 1 CREDIT
6631005 1 M 4:25-5:15 CERVATO C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
CLIMATE AND SOCIETY GEOL 140 3 CREDITS
Prereq: Meets international perspectives reqmt
0601005 1 TR 11:00-11:55 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
GEOL--ENGRS&ENV SCI GEOL 201 3 CREDITS
8965005 1 TR 2:10-3:00 BERESNEV I
W 11:00-12:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $25.00
8965010 2 TR 2:10-3:00 R 10:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $25.00


SPL TOP OCEANOGRAPHY GEOL 590S 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR GEOL 595R R CREDIT
Prereq: SENIOR OR GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
8220005 1 T 4:10-5:25 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

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

ADV SEM EARTH MTRLS GEOL 610A 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7605005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV SEM ECONOM GEOL GEOL 610B 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7607005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV SEM ENVIR GEOCH GEOL 610C 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
3771005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV SEM HYDROGEOLOGY GEOL 610F 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7604005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV SEM SURFIC PROC GEOL GEOL 610G 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7608005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV SEM SED&STRATIG GEOL GEOL 610H 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7607005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV SEM ISOTOP GEOM GEOL 610J 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
6711005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

RESURFICIAL PROC GEOL GEOL 699A VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESRCH STRATIGRAPHY GEOL GEOL 699B VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SEDIMENTATION GEOL GEOL 699C VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESRCH PALEONTOLOGY GEOL GEOL 699D VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESRCH PETROLOGY GEOL GEOL 699E VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESRCH STRUCTURAL GEOL GEOL 699F VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESRCH GEOCHEMISTRY GEOL GEOL 699G VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESRCH HYDROGEOLOGY GEOL GEOL 699H VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESRCH EARTH SCIENCE GEOL GEOL 699I VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RES MINERAL RESOURC GEOL GEOL 699J VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GEOPHYSICS GEOL GEOL 699K VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MINERALOGY GEOL GEOL 699L VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TECTONICS GEOL GEOL 699M VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RES PALEOCOCLIMAT GEOL GEOL 699N VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RES ISOTOPE GEOCHEM GEOL GEOL 699O VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RSRCH CMPUT MTH&GIS GEOL GEOL 699P VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESURF HYDROLOGY GEOL GEOL 699Q VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GEOSCI EDUC GEOL GEOL 699S VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS


GERMAN

ELEMGERMAN I GER 101 4 CREDITS
Note: STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS
OF HIGH SCHOOL GERMAN MAY NOT ENROLL IN 101.
TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
3949005 1 TR 8:50-9:40 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
3949010 2 TR 9:55-10:45 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
3949015 3 MT 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
3949020 4 MT 1:10-2:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

INTERMED GERMAN I GER 201 4 CREDITS
Prereq: GER 102
Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
Meets international perspectives reqmt
3953005 1 TR 8:50-9:40 TR 9:55-10:45 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
3953010 2 TR 9:55-10:45 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

GRMN FOR PROFESNL GER 304 3 CREDITS
Prereq: GER 202
Note: Meets international perspectives reqmt
3754005 1 TR 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

GERMAN LIT &CULTURE GER 330 3 CREDITS
Prereq: GER 301 OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN SIX CREDITS OF GER 330 MAY
BE APPLIED TOWARD GRADUATION IN THE MAJOR
Meets international perspectives reqmt
8742005 1 TR 12:40-1:55 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

HOLocaust TEXT,IMAG GER 371 3-4 CREDITS
Prereq: SOPHOMORE CLASSIFICATION, FOR 4TH CREDIT,
6 CREDITS IN GERMAN AT THE 300 LEVEL.
Note: Meets international perspectives reqmt
3764700 1 ARRANGED MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO SPHTR & ABOVE.
Course work in German. Offered for 4 CREDITS
Course delivery is WWW
Materials and equipment use fee $25.00
3764705 2 ARRANGED MEETS: AUG 23-DEC 17
Note: SEC 2 OFFERED FOR 3 CREDITS
Course delivery is WWW
Materials and equipment use fee $25.00


GERMAN (CONTINUED)
GLOBAL RESOURCE SYSTEMS (CONTINUED)

GLB SYS INTERP PREP GLOBE 320 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Course delivery is Hybrid (Online and F2F)
5201700 1 ARRANGED SWOBODA C
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
Cmptr reqmt: https://www.agonline.iastate.edu/resource/computer-requirements

INTERNSHIP - GLOBAL GLOBE 321 3-6 CREDITS
Prereq: GLOBE 320; JR. OR SR. CLASSIFICATION IN GLOBAL RESOURCE SYSTEMS MAJOR; PERMISSION OF INSTRUCTOR AND APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND GLOBE 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS. COURSE ONLY OFFERED FOR 3 CREDITS FALL 2020.
8676005 1 W 4:25-5:15, ARRANGED SWOBODA C
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

GLOBAL HEALTH GLOBE 360 3 CREDITS
Prereq: BIOL 211
Note: Meets international perspectives reqmt
0525005 1 ARRANGED DAVIS R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

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 1 ARRANGED NONNECKE G
MEETS: AUG 23-DEC 17

COMMUNICATNS IN SCI GR ST 566 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Note: Course delivery is On-site instruction
7866010 2 M 11:00-11:50 ARIAS S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7866020 4 C 11:00-11:50 SHROTRIYA P
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

COMMUNICATNS IN SCI GR ST 566 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Note: Instructor permission required.
3822005 1 T 2:10-3:00 HUFFMAN S
MEETS: AUG 23-DEC 17
Note: Instructor permission required.

GLOBAL RESOURCE SYSTEMS (CONTINUED)

SERVICE LEARN INT'L GLOBE 494A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt
3581005 1 ARRANGED NONNECKE G
MEETS: AUG 23-DEC 17

SERV LRG DOMESTIC GLOBE 494B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
3604005 VI ARRANGED NONNECKE G
MEETS: AUG 23-DEC 17

SVC LRG U.S.DVRSTY GLOBE 494C 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets U.S. diversity reqmt
9775005 VI ARRANGED NONNECKE G
MEETS: AUG 23-DEC 17
Note: Instructor permission required.

GLBL RSRC STU ABD/ GLOBE 496 2-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt
8846005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS
6930005 1 ARRANGED NONNECKE G
MEETS: AUG 23-DEC 17

GRADUATE STUDIES

PREP PUB THESIS CPHT GR ST 536 3 CREDITS
0513005 1 TR 8:00-9:15 HUFFMAN S
MEETS: AUG 23-DEC 17
Note: Instructor permission required.

RSPBL RSRC CONDUCT GR ST 565 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Note: Instructor permission required.
7866005 1 W 11:00-11:50 GLEASON M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7866010 2 M 11:00-11:50 ARIAS S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7866020 4 C 11:00-11:50 SHROTRIYA P
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PREP FAC TC/GR PRACT GR ST 587 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, GR ST 585, CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586
7679005 1 ARRANGED NONNECKE G
MEETS: AUG 23-DEC 17
Note: Instructor permission required.

PREP FTR FACLT SEM GR ST 585 2 CREDITS
Prereq: One year of graduate course work;
Note: Course delivery is On-site instruction
8114005 1 T 6:30-8:30PM ARIAS S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PREP FAC TC/GR PRACT GR ST 587 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, GR ST 585, CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586
3581005 1 T 2:10-3:00 HUFFMAN S
MEETS: AUG 23-DEC 17
Note: Instructor permission required.

PREP FTR FAC ITS TP GR ST 588 1-3 CREDITS
8341005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 1 IS TAR
8341010 2 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 2 IS FFF
8341015 3 ARRANGED UGANDA
MEETS: AUG 23-DEC 17
Note: SEC 3 IS CIRTL
GRADUATE STUDIES  (CONTINUED)

DOC PRELIM REGISRA  GR ST 680  R CREDIT
Note: SEE GRADUATE COLLEGE HANDBOOK FOR REQUIREMENTS.
The signature is required that is that of the
Graduate College, 1137 Pearson.
College permission required.
7349005  1 ARRANGED
MEETS: AUG 23-DEC 17
REQU REG:DOC CONTIN  GR ST 681A  1 CREDIT
Prereq: MUST HAVE TAKEN AND PASSED PRELIMINARY
ORAL EXAM
Note: CREDIT IN GR ST 681A MAY NOT BE APPLIED
TOWARD GRADUATION
Satisfactory-Fail Only.
8116005  1 ARRANGED
MEETS: AUG 23-DEC 17
REQU REG:FINAL EXAM  GR ST 681B  1 CREDIT
Prereq: MUST HAVE COMPLETED ALL NECESSARY PROGRAM
REQUIREMENTS TO TAKE FINAL EXAM
Note: CREDIT IN GR ST 681B MAY NOT BE APPLIED
TOWARD GRADUATION
Satisfactory-Fail Only.
8117005  1 ARRANGED
MEETS: AUG 23-DEC 17
PRACTICAL TRAINING  GR ST 697  R CREDIT
Note: THE REQUIRED APPROVAL SIGNATURE SHOULD BE
OBTAINED IN 1137 PEARSON HALL
6905005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: College permission required.

GRAPHIC DESIGN

GRAPH DSGN STUDIO I  ARTGR 270  3 CREDITS
Prereq: DSN 212, DSN 213; ADMISSION TO THE
GRAPHIC DESIGN PROGRAM THROUGH DEPARTMENT REVIEW
Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS
ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
1785005  1 TR 8:00-10:50  MARTINIC M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1785010  2 TR 8:00-10:50  KANG S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1785015  3 TR 8:00-10:50  CANNIFFE B
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1785020  4 TR 8:00-10:50  RICE T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

DG PHOTO FOR GR DSN  ARTGR 272  3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 270 OR
ARTGR 271
Note: RESTRICTED TO ARTGR MAJORS ONLY
9179005  1 TR 2:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9179010  2 MW 2:15-5:00  LEE S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TYPOGRAPHY I  ARTGR 273  3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 270
Note: RESTRICTED TO ARTGR MAJORS ONLY
0062000  1 MW 7:45-10:35  FINLEY J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
0062010  2 MW 7:45-10:35  BRAINTWOOD A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
0062015  3 MW 7:45-10:35  CANNIFFE B
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
0062020  4 MW 7:45-10:35  LEE T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GRAPHIC TECHNOLOGY I  ARTGR 275  3 CREDITS
Note: COURSE RESTRICTED TO MAJORS OTHER THAN
ARTGR
5281005  1 MW 2:15-5:00  AHMADI-DEHRASHID
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GRAPHIC DESIGN  (CONTINUED)

GRAPH DSN STDG III  ARTGR 370  3 CREDITS
Prereq: ARTGR 271, ARTGR 276, AND CREDIT OR
CONCURRENT ENROLLMENT IN ARTGR 270
Note: COURSE RESTRICTED TO ARTGR MAJORS
Instructor permission required 1st week.
1819005  1 MW 11:00-2:00  CANNIFFE B
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1819010  2 MW 11:00-2:00  FINLEY J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1819015  3 MW 11:00-2:00  QUAM A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1819020  4 MW 11:00-2:00  BRAINTWOOD A
MEETS: AUG 23-DEC 17
Note: Course delivery is WW

GRPH DSN INTERN SEM  ARTGR 377  1 CREDIT
Prereq: JUNIOR STANDING WITHIN THE GRAPHIC DESIGN
PROGRAM
Note: COURSE RESTRICTED TO ARTGR MAJORS
Instructor permission required 1st week.
Satisfactory-Fail Only.
7537005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WW

GR DSN HIST,THY,C I  ARTGR 387  3 CREDITS
Note: Meets international perspectives reqmt
1833005  1 MW 9:55-10:45  MICKELSON A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

3D MOTION GRAPHICS  ARTGR 463  3 CREDITS
Prereq: JUNIOR OR SENIOR STANDING IN THE
GRAPHIC DESIGN PROGRAM
9814005  1 TR 11:00-2:00  CALL A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GRAPH DSGN STUDIO V  ARTGR 470  3 CREDITS
Prereq: ARTGR 371
Note: COURSE RESTRICTED TO ARTGR MAJORS
Instructor permission required 1st week.
1854005  1 TR 11:00-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1854010  2 TR 11:00-2:00  FINLEY J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1854015  3 TR 11:00-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
1854020  4 TR 11:00-2:00  MICKELSON A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVANCED TYPOGRAPHY  ARTGR 475  3 CREDITS
Prereq: JUNIOR OR SENIOR STANDING IN THE GRAPHIC
DESIGN PROGRAM
1888005  1 TR 2:10-5:00  MEILLEUR M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $45.00
1888010  2 TR 2:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $45.00

GRPH DSN METHODLOGY  ARTGR 476  3 CREDITS
Prereq: JUNIOR OR SENIOR STANDING IN THE GRAPHIC
DESIGN PROGRAM
1889005  1 TR 2:10-5:00  MICKELSON A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PROFESSNL PRESENTTN  ARTGR 482  3 CREDITS
Prereq: JUNIOR OR SENIOR WITHIN THE GRAPHIC
DESIGN PROGRAM
1929005  1 MW 2:15-5:05  QUAM A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SCI+DSN/NAT RSRC MT  ARTGR 483X  3 CREDITS
Prereq: ARTGR 271 OR BIOL 211 OR GRADUATE
CLASSIFICATION, AND PERMISSION OF INSTRUCTOR
0685005  1 ARRANGED
MEETS: AUG 23-OCT 15
Note: SEC 1 TOPIC: SCIENCE + DESIGN: INTERPRETATION OF
NATURAL RESOURCES IN MONTANA. COURSE INCLUDES TRAVEL
TO THE FRENCH CONSERVATION CAMP IN MONTANA
(AUGUST 9 – 21, 2021) FOLLOWED BY ARRANGED IN-CLASS
MEETINGS DURING THE FIRST HALF OF THE FALL SEMESTER.
Instructor permission required.
Course delivery is On-site instruction
Materials, field trips $/or travel fee $1,100.00

FALL 2021

Materials, field trips &/or travel fee $1,100.00
Course delivery is On-site instruction
Instructor permission required.
MEETINGS DURING THE FIRST HALF OF THE FALL SEMESTER.
TO THE FRENCH CONSERVATION CAMP IN MONTANA
MEETS: AUG 23-OCT 15
Note: THE REQUIRED APPROVAL SIGNATURE SHOULD BE
OBTAINED IN 1137 PEARSON HALL
8122005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: College permission required.

Note: See Graduate College Handbook for requirements.
The signature required is that of the Graduate College, 1137 Pearson.
College permission required.

Note: Course delivery is On-site instruction
Satisfactory-Fail Only.
8117005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note:-course delivery is On-site instruction
8117005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
STUDIES IN GRPH DSN ARTGR 484 1–3 CREDITS
Prereq: JUNIOR OR SENIOR STANDING IN THE GRAPHIC DESIGN PROGRAM
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2021.
RESTRICTED TO ARTGR MAJORS ONLY.
Instructor permission required 1st week.
8261005 1 MW 2:15-5:00 MARTINIC M
MEETS: AUG 23-DEC 17
Note: SEC 1 TOPIC: ILLUSTRATION
Course delivery is On-site instruction

DESIGN ETHICS ARTGR 489X 3 CREDITS
Prereq: JUNIOR/SENIOR CLASSIFICATION
0680005 1 TR 9:00-9:50, ARRANGED MEILLEUR M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

IND ST THEORY, CRIT ARTGR 490A 1–6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 2–D DESGN ARTGR 490B 1–6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 3–D DESGN ARTGR 490C 1–6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTGR 490H 1–6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
******* SEE DEPT FOR REFERENCE NUMBERS

GRAPHIC DSGN THEORY ARTGR 510 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN COLLEGE OF DESIGN OR PERMISSION OF INSTRUCTOR
5947005 1 R 11:00-4:00 QUAM A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

AUDIENCE & PERCEPTION ARTGR 512 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN COLLEGE OF DESIGN OR PERMISSION OF INSTRUCTOR
6038005 1 MW 7:45-10:35 RICE T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

USER ENGAGEMENT ARTGR 530 3 CREDITS
Prereq: GRADUATE ENROLLMENT IN THE GRAPHIC DESIGN PROGRAM OR GRADUATE ENROLLMENT IN COLLEGE OF DESIGN OR PERMISSION OF INSTRUCTOR
Instructor permission required 1st week.
4072005 1 TR 8:00-10:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GRAPH GS DESIGN PREP ARTGR 531 1 CREDIT
Prereq: ACCEPTANCE TO GRADUATE DESIGN PROGRAM Satisfactory-Fail Only.
0168005 1 T 11:00-3:00 MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
Materials fee $50.00

3D MOTION GRAPHICS ARTGR 563 3 CREDITS
Prereq: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN
2148005 1 TR 11:00-2:00 CALL A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVANCED TYPOGRAPHY ARTGR 575 3 CREDITS
Prereq: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN
2113005 1 TR 2:10-5:00 MEILLEUR M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $45.00
2113010 2 TR 2:10-5:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $45.00
HEALTHCARE MANAGEMENT

INTRO US HLTCHR IND HCM 301X 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE OPEN TO ALL UNDERGRAD MAJORS EXCEPT P BUS
0835005 1 MWF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ECON FOR HLTCHR MGR HCM 302X 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE OPEN TO ALL UNDERGRAD MAJORS EXCEPT P BUS
0836005 1 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

HLTCHR QUALITY MGMT HCM 303X 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE OPEN TO ALL UNDERGRAD MAJORS EXCEPT P BUS
0837005 1 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

HIGHER EDUCATION

FOUND ENGR EE EDUC HG ED 538X 3 CREDITS
Prereq: CLASSIFICATION AS AN ENGINEERING GRADUATE STUDENT OR PERMISSION OF INSTRUCTOR
0551005 1 R 5:30-8:30PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO HG EDUC IN US HG ED 552X 3 CREDITS
0706700 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

EQUITY, DVRS STU AFF HG ED 573 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
6531005 1 T 11:00-1:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6531010 2 T 11:00-1:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6531015 3 T 11:00-1:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6531700 4 ARRANGED
MEETS: OCT 18-DEC 17
Note: Course delivery is WWW

STUDENT AFFAIRS PRAC HG ED 574 3 CREDITS
Prereq: CLASSIFICATION AS AN ENGINEERING GRADUATE STUDENT OR PERMISSION OF INSTRUCTOR
4116005 1 M 11:00-1:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

4116010 2 M 11:00-1:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

4116015 3 M 8:30-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
**HONORS (CONTINUED)**

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**SPL PRB HONORS RESR HON 299U VAR. CREDITS**

- **Prereq:** MEMBERSHIP IN AND PERMISSION OF THE UNIVERSITY HONORS PROGRAM
- **Note:** COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM

<table>
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**HONOR LEADERSHIP SEM HON 302 2 CREDITS**

- **Prereq:** SELECTED AS LEADER OF FRESHMAN HONORS SEM
- **Note:** COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM

**ARTSCIENCE PEACE HON 312C 1 CREDIT**

- **Note:** COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM

**NUTRIFOOD, SUPPLMTS HON 321D 1 CREDIT**

- **Note:** COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM

**POLLINATION ECOLOGY HON 321E 1 CREDIT**

- **Note:** COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM

**FINDING MUSIC HON 321F 1 CREDIT**

- **Note:** COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM

**VACCINES HON 321G 1 CREDIT**

- **Note:** COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM
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<td>CLAWSON  B</td>
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<td>W 4:25-5:15</td>
<td>BRABEC D</td>
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<td>BRABEC D</td>
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**U.S. LAW HON 321H** 1 CREDIT

**EVERYDAY LIVES HON 321J** 1 CREDIT

**INDEPENDENT STUDY HONORS** HON 490 VAR. CREDITS

**INDEPENDENT STUDY HONORS** HON 490 VAR. CREDITS

**FIRST RESPONDER HON 321K** 2 CREDITS

**ENTREPRENEURSHIP HON 321L** 1 CREDIT

**ENVRNMNTL POLITICS HON 321M** 1 CREDIT

**JACK TH RIPPER HIST HON 321N** 1 CREDIT

**SMNAR:SOCRATES CAFE HON 321P** 1 CREDIT

**HUMAN TRAFFICING 101 HON 321Q** 2 CREDITS

**MIDL EAST CONFLICTS HON 321R** 1 CREDIT

**PROBLEMS TODAY HON 321T** 1 CREDIT

**UNDERRSTANDING WAR HON 321U** 2 CREDITS

**SELFPRMOT NOT DIRTY HON 321V** 1 CREDIT

**PSYCH OF HORROR HON 321W** 1 CREDIT

**AGRI & ECOLOGY HON 321Z** 1 CREDIT

**INDEPENDENT STUDY HONORS HON 490 VAR. CREDITS**

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**FLORAL DESIGN HORT 131** 2 CREDITS

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**PRO&EDUCATNL DEVELP HORT 110** 1 CREDIT

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**EVERYDAY LIVES HON 321J** 1 CREDIT

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**INDEPENDENT STUDY HONORS** HON 490 VAR. CREDITS

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**FIRST RESPONDER HON 321K** 2 CREDITS

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**ENTREPRENEURSHIP HON 321L** 1 CREDIT

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**ENVRNMNTL POLITICS HON 321M** 1 CREDIT

---

**JACK TH RIPPER HIST HON 321N** 1 CREDIT

---

**SMNAR:SOCRATES CAFE HON 321P** 1 CREDIT

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**HUMAN TRAFFICING 101 HON 321Q** 2 CREDITS

---

**MIDL EAST CONFLICTS HON 321R** 1 CREDIT

---

**PROBLEMS TODAY HON 321T** 1 CREDIT

---

**UNDERRSTANDING WAR HON 321U** 2 CREDITS

---

**SELFPRMOT NOT DIRTY HON 321V** 1 CREDIT

---

**PSYCH OF HORROR HON 321W** 1 CREDIT

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**AGRI & ECOLOGY HON 321Z** 1 CREDIT

---

**INDEPENDENT STUDY HONORS HON 490 VAR. CREDITS**

---

**FLORAL DESIGN HORT 131** 2 CREDITS

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**PRO&EDUCATNL DEVELP HORT 110** 1 CREDIT

---

**EVERYDAY LIVES HON 321J** 1 CREDIT

---

**INDEPENDENT STUDY HONORS** HON 490 VAR. CREDITS

---

**FIRST RESPONDER HON 321K** 2 CREDITS

---

**ENTREPRENEURSHIP HON 321L** 1 CREDIT

---

**ENVRNMNTL POLITICS HON 321M** 1 CREDIT

---

**JACK TH RIPPER HIST HON 321N** 1 CREDIT

---

**SMNAR:SOCRATES CAFE HON 321P** 1 CREDIT

---

**HUMAN TRAFFICING 101 HON 321Q** 2 CREDITS

---

**MIDL EAST CONFLICTS HON 321R** 1 CREDIT

---

**PROBLEMS TODAY HON 321T** 1 CREDIT

---

**UNDERRSTANDING WAR HON 321U** 2 CREDITS

---

**SELFPRMOT NOT DIRTY HON 321V** 1 CREDIT

---

**PSYCH OF HORROR HON 321W** 1 CREDIT

---

**AGRI & ECOLOGY HON 321Z** 1 CREDIT

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**INDEPENDENT STUDY HONORS HON 490 VAR. CREDITS**
HOUSE PLANT INTSCAP HORT 233X 2 CREDITS
0657005 1 R 2:10-3:00 BرابEC D
R 2:10-5:00 BرابEC D
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $25.00

LANDSCAPE TREES, SHRUB HORT 240 3 CREDITS
6183005 1 M 1:10-2:00 THOMPSON G
W 2:15-5:05 THOMPSON G
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

LANDSCAPE GRAPHICS HORT 281 2 CREDITS
9233005 1 W 7:45-9:15 NUNAMAKER L
2 M 10:15-12:00 NUNAMAKER L
4 M 7:45-9:15 THOMPSON G
Note: Course delivery is On-site instruction
Materials fee $25.00

PRO DEV: TURF COMPET HORT 291A 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: ONLY ONE CREDIT OF HORT 291A, 291B OR 291C MAY BE APPLIED TOWARD HORTICULTURE CREDITS FOR GRADUATION. NO MORE THAN FOUR CREDITS OF ANY COMBINATION OF HORT 291A, 291B OR 291C MAY BE APPLIED TOWARD CREDITS FOR GRADUATION.
Satisfactory-Fail Only.
8699005 1 M 11:00-12:15 THOMS A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $25.00

PRO DEV: CROSS-CMND HORT 291C 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: ONLY ONE CREDIT OF HORT 291A, 291B OR 291C MAY BE APPLIED TOWARD HORTICULTURE CREDITS FOR GRADUATION. NO MORE THAN FOUR CREDITS OF ANY COMBINATION OF HORT 291A, 291B OR 291C MAY BE APPLIED TOWARD CREDITS FOR GRADUATION.
Satisfactory-Fail Only.
8700001 1 ARRANGED CLAWSON B
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $25.00

HORTICULTURE PHYSIOLOGY HORT 321 3 CREDITS
Prereq: HORT 221 OR HORT 211
6421005 1 TR 8:00-9:20 ARORA R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $25.00

HERBA ORNMTL PLANTS HORT 330 3 CREDITS
Prereq: HORT 221 OR BY PERMISSION OF INSTRUCTOR
4436005 1 TR 11:00-12:15 HAYNES C
2 TR 12:45-2:00 HAYNES C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $25.00

HYDROPONC CROP PROD HORT 331 2 CREDITS
Prereq: HORT 221 OR AGRON 181 OR 3 CREDITS IN BIOLOGICAL SCIENCES
5344005 1 M 1:10-2:00 CURREY C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $50.00

SEED SCIENCE & TECHN HL HORT 338 3 CREDITS
Prereq: AGRON 181 (OR EQUIVALENT) OR HORT 221; BIOL 212
7262005 1 TR 9:30-10:45 GOGGI A
R 2:10-5:00 GOGGI A
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO SEEDS MAJORS ONLY
Course delivery is On-site instruction
Materials, field trips $/or travel fee $50.00
7262010 2 TR 9:30-10:45 GOGGI A
R 2:10-5:00 GOGGI A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $50.00

TURFGRASS ESTAB & MGT HORT 351 3 CREDITS
Prereq: HORT 221 OR AGRON 181 (OR EQUIVALENT)
4309005 1 MF 8:50-9:40 CHRISTIANS N
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $25.00
4309700 2 ARRANGED CHRISTIANS N
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SOILS & PLANT GROWTH HORT 354 3 CREDITS
Prereq: AGRON 181 OR EQUIVALENT; BIOL 101
8494015 1 MF 7:45-8:35 MCDANIEL M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $50.00

SOIL & PLANT GROWTH LB HORT 354L 1 CREDIT
Prereq: AGRON OR HORT MAJOR WITH CREDIT OR ENROLLMENT IN AGRON 354
8496005 1 T 9:00-11:30 MATHUR R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $50.00
8496010 2 R 11:00-1:00 MATHUR R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $50.00
8496015 3 R 3:10-6:00 MATHUR R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $50.00
8496020 4 R 11:00-1:00 MATHUR R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $50.00

FUND FLD PRD FD CRP HORT 376 3 CREDITS
Prereq: HORT 221 OR AGRON 181
8283005 1 TR 1:30-4:15 NAIR A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $25.00

HORT MGT EXPERIENCE HORT 391 1 CREDIT
Prereq: HORT 221 OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 2 CREDITS OF HORT 391 MAY BE APPLIED TOWARD THE HORTICULTURAL SCIENCES COURSE REQUIREMENTS.
2 ADDITIONAL CREDITS OF HORT 391 MAY BE APPLIED TOWARD THE 12 CREDITS REQUIRED FOR GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCAT HORT 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT RESOURCES AND CAREER CENTER COORDINATOR
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $50.00
3652005 1 ARRANGED CLAWSON B
MEETS: AUG 23-DEC 17

INTRO PLANT BREEDNG HORT 421 3 CREDITS
Prereq: GEN 320 OR BIOL 313
6158005 1 TR 8:00-9:15 SALAS-FERNANDEZ
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $53.00

SUSTAIN & ENVIR HORT HORT 424 3 CREDITS
8866700 1 MF 5:15-6:55PM HAYNES C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-line

FLORICULTURE CROP HORT 434 3 CREDITS
Prereq: HORT 392
6657005 1 M 8:50-9:40 CURREY C
P 8:50-11:40 CURREY C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $100.00

LANDSCP CONSTR MGT HORT 444 3 CREDITS
Prereq: AGRON 182 OR EQUIVALENT; BIOL 101
1037005 1 TR 11:00-12:20 THOMPSON G
T 12:40-2:00 THOMPSON G
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $25.00

HORT MGT ADMINISTR HORT 445 2 CREDITS
Prereq: HORT 221 AND JUNIOR OR SENIOR CLASSIFICATION
4053005 1 MF 7:45-8:35 ILES J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
TURF&LANDSCP IRIGTN HORT 454 3 CREDITS
Prereq: HORT 221, HORT 351 OR 342, MATH 140 OR 150
MEETS: AUG 23-DEC 17
4852005 1 T 3:40-6:30PM THOMS A
Note: Course delivery is On-site instruction

URBAN FORESTRY HORT 475 3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 3 CR IN BIOLOGY
5130005 1 TR 10:00-10:50 THOMPSON J
R 3:10-5:00 PM THOMPSON J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $30.00

ADV GARDEN COMPSITN HORT 481 2 CREDITS
Prereq: HORT 240 AND HORT 330 AND HORT 380 AND 381
Note: RESTRICTED TO HORT MAJORS - FOR HORT DESIGN OPTION MAJORS ONLY, OTHERS BY PERMISSION OF INSTRUCTOR
7236005 1 MW 11:00-12:50 NUNAMAKER L
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips 4/or travel fee $75.00

IND ST GREENHS CROP HORT 490A VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STYD NURS CROPS HORT 490B VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STYD TURFGRASS HORT 490C VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS HORT 490D VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY VEG CROPS HORT 490E VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU CROSS-COMMODS HORT 490F VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT HORT 490G VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONS 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
******* SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH CROSS-COMMODS HORT HORT 699B VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESRCH FRUIT CROPS HORT 699C VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GREENHSE CROP HORT 699D VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE (CONTINUED)

IND STU ENTREPRENR HORT 490J VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP HORT 491 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 494 MAY BE APPLIED TOWARD THE HORTICULTURE CREDITS REQUIRED FOR GRADUATION
3163005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SERVC LEARN DOMSTC HORT 494B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 494 MAY BE APPLIED TOWARD THE HORTICULTURE CREDITS REQUIRED FOR GRADUATION
3163005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CROP GENETICS HORT 506 3 CREDITS
Prereq: AGRON 114 OR HORT 221, MATH 140, CHEM 163 AND BIOL 101
9704700 1 ARRANGED FEI S
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
Cmptr regmt: https://www.agonline.iastate.edu/resources/computer-requirements

SUSTNBL&ENVRT HORT 524 3 CREDITS
4105700 1 MW 15:45-5:15PM HAYNES C
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

RESEARCH ORIENTATN HORT 530 2 CREDITS
2306005 1 T 11:00-12:00 CHRISSIAN N
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO DNA TECHNIQS HORT 542A 1 CREDIT
Satisfactory-Pass Only.
3106005 1 TR 11:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SPECIAL TOPICS HORT 590 VAR. CREDITS
Prereq: A MAJOR OR MINOR IN HORTICULTURE
******* SEE DEPT FOR REFERENCE NUMBERS

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

GRADUATE SEMINAR HORT 610 1 CREDIT
Satisfactory-Pass Only.
4346005 1 W 4:25-5:15 ILES J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVANCED TOPICS HORT 690 VAR. CREDITS
4348005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

RESEARCH SEMINAR HORT 696 1 CREDIT
Satisfactory-Pass Only.
8833005 1 W 4:25-5:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

RSRCH GREENHSE CROP HORT 699A VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RSRCH NURSERY CROPS HORT 699B VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TURFGRASS HORT 699C VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH FRUIT CROPS HORT 699D VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH VEG CROPS HORT 699E VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RSRCH CROSS-COMMODS HORT 699F VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RSRCH LANDSCAP HORT HORT 699G VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
HOSPITALITY MANAGEMENT

FOOD SAFETY CERT  HSP M 133  1 CREDIT
0086005  1 MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instructionMaterials and professional support fee $25.00

GLOBAL TOURISM MGT  HSP M 260  3 CREDITS
6738700  1 MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

HOSPITALITY REVENUE MGT  HSP M 301  3 CREDITS
0350700  1 MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

NON-ALCOHLC&CAFE OP  HSP M 280  3 CREDITS
0087005  1 M 8:50-10:45, ARRANGED
Note: Course delivery is On-site instructionMaterials, field trips &/or travel fee $100.00
0087010  2 M 11:00-12:55
Note: Course delivery is On-site instruction

HOSPITALITY COST CTL  HSP M 333  3 CREDITS
Prereq: CREDIT OR ENR IN HSP M 380, HSP M 380L; 3 CREDITS IN MATH AND HSP M 230
and HSP M 333 MAY BE APPLIED TOWARD GRADUATION.
5747005  1 TR 2:10-3:25
Note: Course delivery is On-site instruction
5747010  A2 TR 2:10-3:25
Note: Course delivery is On-site instruction

HONORS HSP COST CTL  HSP M 333H  3 CREDITS
Prereq: CREDIT OR ENR IN HSP M 380, HSP M 380L; 3 CREDITS IN MATH; MEMBERSHIP IN THE UNIVERSITY
HONORS PROGRAM
8225005  1 TR 2:10-3:25
Note: Course delivery is On-site instruction

LOGGING OPER MGT I  HSP M 352  3 CREDITS
Prereq: CREDIT OR ENR IN HSP M 101
9578000  1 MWF 1:10-2:00
Note: Course delivery is On-site instruction

FOOD PRODUCTION MGT  HSP M 380  3 CREDITS
Prereq: HSP M 133 or 2 CREDITS IN MICRO; FS HN 111 or FS HN 214; FS HN 115 or FS HN 215; JUNIOR CLASSIFICATION; ENROLLMENT IN HSP M 380L
Note: Instructor permission required.
4358005  1 TR 8:00-9:15
Note: Course delivery is On-site instruction
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**Course Delivery:** On-site instruction

**Syllabus:** [http://www.hs.iastate.edu/online/](http://www.hs.iastate.edu/online/)

**ADAPT PROG INCL SET:** HD FS 345

**Course Delivery:** On-site instruction

**Syllabus:** [http://www.hs.iastate.edu/online/](http://www.hs.iastate.edu/online/)

**ADAPT PROG INCL SET:** HD FS 345

**Course Delivery:** On-site instruction

**Syllabus:** [http://www.hs.iastate.edu/online/](http://www.hs.iastate.edu/online/)

**Note:** Meets U.S. diversity reqmt
HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

ABUSE & ILL IN FAMILI  HD FS 367  3 CREDITS
Prereq: 3 CREDITS IN SOCIAL SCIENCES
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
9193005  1 TR 11:00-11:50  NEPPL T
9193700  2 ARRANGED  NEPPL T
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW.

RESEARCH METHODS HDFS  HD FS 369  3 CREDITS
Prereq: HD FS 102 OR PSYCH 9 HOURS IN HD FS; JUNIOR OR SENIOR CLASSIFICATION
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
3343005  1 MW 9:55-10:45  GUDMUNSON C
7:45-8:35  GUDMUNSON C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
3343010  2 MW 9:55-10:45  GUDMUNSON C
7:45-8:35  GUDMUNSON C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

DEATH PART OF LIVING HD FS 373  3 CREDITS
Prereq: HD FS 102
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW.
3505005  1 ARRANGED  LEE J
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW.

AGING & THE FAMILY HD FS 377  3 CREDITS
Prereq: HD FS 102
Note: Meets U.S. diversity reqmt
3506005  1 TR 9:30-10:45  MARTIN P
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F).

CHLD, FAM&PUB POLICY HD FS 395  3 CREDITS
Prereq: HD FS 369 OR EQUIVALENT
Note: SEC A1 RESTRICTED TO CH FS, ECE, FEDS, F C P
SEC A2 RESTRICTED TO MAJORS OTHER THAN CH FS, ECE, FEDS, F C P
1155005  A1 TR 9:30-10:45  ROUSE H
MEETS: AUG 23-DEC 17
1155010  A2 TR 9:30-10:45  ROUSE H
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW.

DATA TCH AVAILABLE HD FS 417C  8 CREDITS
Prereq: HD FS 455; HD FS 456, GPA 2.5 OR ABOVE, AND ADMISSION TO EDUCATOR PREPARATION PROGRAM
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
2213010  1A ARRANGED
MEETS: AUG 23-OCT 15
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.
2213015  1R ARRANGED
MEETS: AUG 23-OCT 15
Note: SEC 2A FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.
2213020  2A ARRANGED
MEETS: OCT 18-DEC 17
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.
2213025  2R ARRANGED
MEETS: OCT 18-DEC 17
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

PRO PRAC RFLCT:TCGH HD FS 418A .5 CREDIT
Prereq: CONCURRENT ENROLLMENT IN HD FS 417
Note: COURSE RESTRICTED TO ECE MAJORS ONLY Satisfactory-Fail Only.
4952005  1 ARRANGED  DONOHO H
MEETS: AUG 23-DEC 17

PRO PRAC RFLCT:INTN HD FS 418B  2 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION
Satisfactory-Fail Only
3681005  1 ARRANGED  HARDY A
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW.

PROGR EVal&PROPOS WRI HD FS 449  3 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION
Note: COURSE RESTRICTED TO CH FS, FEDS, F C P, KIN H MAJORS ONLY
2221005  1 TR 11:00-12:15  SCUDDER A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

CURR--AGES 3 THRU 6 HD FS 455  4 CREDITS
Prereq: HD FS 343, HD FS 345, SP HD 405 AND SP ED 458
Lab placement assigned at first lecture.
2222005  1 TR 12:40-1:55  DONOHO H
AM 1:00-2:15  DONOHO H
MEETS: AUG 23-DEC 17
Note: Department permission required 1st week. Course delivery is On-site instruction. Professional support fee $120.00
Syllabus: http://www.hs.iastate.edu/online/

**HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)**

CURR--AGES 3 THRU 6 HD FS 455  4 CREDITS
Prereq: HD FS 343, HD FS 345, SP HD 405 AND SP ED 458
Lab placement assigned at first lecture.
2222005  1 TR 12:40-1:55  DONOHO H
AM 1:00-2:15  DONOHO H
MEETS: AUG 23-DEC 17
Note: Department permission required 1st week. Course delivery is On-site instruction. Professional support fee $120.00
Syllabus: http://www.hs.iastate.edu/online/

WRK W FAM E INTERV HD FS 456  3 CREDITS
Prereq: HD FS 340 OR HD FS 344; OR PERMISSION OF INSTRUCTOR
7563005  1 TR 10:30-12:45  SHEDD C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

FAMILY INTERACT DYN HD FS 479  3 CREDITS
Prereq: HD FS 369 OR EQUIVALENT; HD FS 369 OR EQUIVALENT; 9 HOURS IN SOCIAL SCIENCES; AND JUNIOR OR SENIOR CLASSIFICATION
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
3524005  1 TR 12:40-1:55  SVEC J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

FAMILY SAVING&INV HD FS 482  3 CREDITS
Prereq: HD FS 383, ECON 101 OR EQUIVALENT, AND HD FS 383 OR EQUIVALENT
3983005  1 TR 11:00-12:15  MAGNANI S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

ADMIN HUMN SVC PRG HD FS 486  3 CREDITS
Prereq: HD FS 369, JUNIOR OR SENIOR CLASSIFICATION, AND 3 CREDITS IN HD FS AT 300 LEVEL
3619005  1 TR 1:00-2:15  VAN RYSWYK J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

FINANCIAL COUNSEL HD FS 489  2 CREDIT
Prereq: HD FS 310
3537005  1 TR 9:00-10:15  STECKELBERG C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FINANC COUNSEL LAB HD FS 489L  1 CREDIT
Prereq: HD FS 283
8102010  1 ARRANGED  STECKELBERG C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.

INDEPENDENT STUDY HD FS 490 VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS HD FS 490H VAR. CREDITS
Prereq: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROGRAM
****** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491  4- 9 CREDITS
Prereq: HD FS 418B; PERMISSION OF INSTRUCTOR; SENIOR CLASSIFICATION, AND MINIMUM 2.0 GPA
****** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HD FS 499  1- 6 CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSED TO WORK, CONSULT DEPARTMENT OFFICE FOR PROCEDURES
****** SEE DEPT FOR REFERENCE NUMBERS

GRAD STU, RES, ETHICS HD FS 501  2 CREDITS
Prereq: 3 CREDITS IN HD FS
3545005  1 TR 12:40-1:55  HUGHES-BELDING K
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction.
Syllabus: http://www.hs.iastate.edu/online/
INDUSTRIAL DESIGN (CONTINUED)

**INDUST DSGN STUDIO I**  IND D 201  6 CREDITS
9365015  3 MW  1:10-4:30  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction
Materials and equipment use fee $100.00
9365020  4 MW  8:50-12:10  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction
Materials and equipment use fee $100.00

**FUND OF INDUST DSGN**  IND D 210  3 CREDITS
0343005  1 TR  9:30-10:45  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**CONCEPT SKETCHING**  IND D 220  3 CREDITS
0333005  1 T  11:00-1:15  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**PERIODIC ADVANCED DESIGN**  IND D 440  3 CREDITS
0351005  1 M  8:50-10:45  MEETS: AUG 23-DEC 17  
Note: Course delivery is Hybrid (Online and F2F)
Materials and equipment use fee $100.00

**PORTFOLIO & PROFESSIONAL PRACTICE**  IND D 490D  VAR. CREDITS
2879008  AL ARRANGED  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**GRADUATE STUDIO DIST**  IND D 501  6 CREDITS
2879003  A T  8:00-9:50  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**GRADUATE STUDIO I**  IND D 501  6 CREDITS
9394005  1 MW  8:50-12:10  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction
Materials and equipment use fee $100.00

**GRADUATE STUDIO III**  IND D 601  6 CREDITS
7661005  1 MW  8:50-12:10  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction
Materials and equipment use fee $100.00

**MIND GRADUATE THESIS**  IND D 699  6 CREDITS
9463005  1 ARRANGED  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**INDUSTRIAL ENGINEERING**

**INDUS DSGN PROJECT**  IND D 201  6 CREDITS
5808003  1 MW  8:50-9:40  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction
5808004  2 MW  3:20-4:10  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction
5808005  A T  8:00-9:50  MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction
ENGR SYS DSGN, MANUF  I  E  248  3 CREDITS
5808010  B  R  8:00-9:50  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
5808015  C  M  10:00-11:50  MEETS:  AUG 23-DEC 17
5808020  D  R  10:00-11:50  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
5808025  E  T  11:00-12:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
5808030  F  R  1:00-3:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
5808035  G  M  1:00-3:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
5808040  J  F  1:00-3:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
5808050  K  F  7:45-9:35  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
5808055  L  M  7:45-9:35  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
5808060  M  R  3:00-5:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
5808065  N  F  9:15-11:15  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
5808070  P  M  9:35-11:35  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
5808075  Q  M  9:55-11:55  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction

ENGR ECONOMIC ANALYSIS  I  E  305  3 CREDITS
Prereq: MATH 166  Note: SEC A1,B1 RESTRICTED TO I E MAJORS ONLY.
SEK A2,B2 RESTRICTED TO MAJORS OTHER THAN I E.
4425005  A1  MWF  11:00-12:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
4425010  A2  MWF  11:00-12:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
4425015  B1  TR  12:40-1:55  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
4425020  B2  TR  12:40-1:55  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
4410700  2 ARRANGED  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction

PRODUCTION SYSTEMS  I  E  341  3 CREDITS
Prereq: STAT 231; CR OR ENROLLMENT IN I E 312  Note: COURSE RESTRICTED TO I E MAJORS ONLY.
4410005  A  MW  11:00-11:50  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
4413700  2 ARRANGED  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction

STAT QUALITY ASSUR  I  E  361  3 CREDITS
Prereq: STAT 231, STAT 301, STAT 302, STAT 401, OR STAT 58  Note: COURSE RESTRICTED TO I E, STAT MAJORS ONLY.
4416005  1 ARRANGED  T  3:40-5:40  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction

COOPERATIVE EDUCATION  I  E  398  1 CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Pass Only

STOCHAST MODEL, SIMUL  I  E  413  4 CREDITS
Prereq: MATH 265, STAT 231  Note: COURSE RESTRICTED TO I E MAJORS ONLY
7013005  A  MWF  8:50-9:40  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
7013010  B  MW  8:50-9:40  T  3:10-4:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
7013015  C  MW  8:50-9:40  R  2:10-3:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction

STOCHASTIC MODL, SIMUL  I  E  413  4 CREDITS
Prereq: STAT 231  Note: Course delivery is On-site instruction
7013020  D  MW  8:50-9:40  R  3:10-4:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
7013025  E  MW  8:50-9:40  T  3:10-4:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
7013030  F  MW  8:50-9:40  noted: Course delivery is On-site instruction

DSGN APPSYS IMPRV  I  E  422X  3 CREDITS
Prereq: CREDIT IN I E 222, I E 271, I E 305, I E 361, AND CREDIT OR ENROLLMENT IN I E 413;
OR PERMISSION OF INSTRUCTOR
0822005  1 TR  11:00-12:15  MFN  3:20-5:10  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction

ENTREPREN PROD ENGR  I  E  430  3 CREDITS
Prereq: JUNIOR CLASSIFICATION
0344005  1 TR  8:00-9:15  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction

INDUSTRIAL AUTOMATION  I  E  432  3 CREDITS
Prereq: PHYS 232 AND PHYS 232L  Note: COURSE RESTRICTED TO I E MAJORS ONLY
9638005  1 TR  11:00-12:15  T  8:00-9:50  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
9638010  2 TR  11:00-12:15  T  12:40-2:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
9638015  3 TR  11:00-12:15  T  3:10-5:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
9638020  4 TR  11:00-12:15  R  8:00-9:50  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
9638025  5 TR  11:00-12:15  R  12:40-2:00  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction

MICR/NANO ADDITV PR  I  E  444X  3 CREDITS
Prereq: I E 348 OR EQUIVALENT MANUFACTURING ENGINEERING COURSE
0499005  1 TR  11:00-12:00 PM  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction

ENGRS TECH SALES  I  E  450  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN I E 305
8885005  1 M  6:10-9:00 PM  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction

MULTIDISCIPLINARY DSGN  I  E  466  3 CREDITS
Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR
1902005  1 MF  3:20-5:10  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction

INDEPENDENT STUDY  I  E  490  1-5 CREDITS
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
Satisfactory-Pass Only

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

INDEPENDENT STUDY HONORS  I  E  490H  1-5 CREDITS
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
Satisfactory-Pass Only

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

I E GRAD SEMINAR  I  E  501  1-5 CREDITS
Prereq: ENROLLMENT IN GRADUATE PROGRAM IN INDUSTRIAL ENGINEERING
Satisfactory-Pass Only

5350005  1 W  4:25-5:15  MEETS:  AUG 23-DEC 17  Note: Course delivery is On-site instruction
INDUSTRIAL ENGINEERING (CONTINUED)

NETWORK ANALYSIS  I E  510  3 CREDITS
PreReq: I E 312
4448005  1 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ANALYZE STOCHASTIC SYS  I E  513  3 CREDITS
PreReq: STAT 311 ET C. STAT 321
6974005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MICR/NANO ADDITV PR  I E  544  3 CREDITS
PreReq: I E 348 OR EQUIVALENT MANUFACTURING
ENGINEERING COURSE
0739005  1 T 4:10-7:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TOTAL QUALITY MGMT  I E  561  3 CREDITS
PreReq: COURSE IN QUALITY CONTROL
7304005  A1  MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: SEC A1 RESTRICTED TO I E, IMSE, SYS E, ENG M MAJORS ONLY
Course delivery is On-site instruction
7304010  A2  MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN I E, IMSE, SYS E, ENG M
Course delivery is On-site instruction
7304700  B1 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC B1 IS RESTRICTED TO MAJORS.
FOR PERMISSION TO REGISTER CONTACT DEVNA POPEJOY-SHERIFF: DEVNA@IASTATE.EDU
Course delivery is WWW
7304705  B2 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC B2 IS RESTRICTED TO NON-MAJORS.
FOR PERMISSION TO REGISTER CONTACT DEVNA POPEJOY-SHERIFF: DEVNA@IASTATE.EDU
Course delivery is WWW

ENGINEERING SYST MGT  I E  563  3 CREDITS
PreReq: RESTRICTED TO GRADUATE STUDENTS ONLY
4660005  1 R 6:00-9:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4660700  2 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 2 IS FOR GRAD MAJORS OTHER THAN ENG M, IMSE, SYS E, OTHERS MUST CONTACT DEVNA POPEJOY-SHERIFF: DEVNA@IASTATE.EDU FOR PERMISSION.
Course delivery is WWW
4660705  3 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 3 IS RESTRICTED TO GRADUATE STUDENTS IN IMSE, SYS E, AND ENG M.
Course delivery is WWW

OCCUPATN BIOMECHNCS  I E  571  3 CREDITS
Prereq: EM 274, STAT 231
2545005  1 T 4:10-7:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

HUMAN FACTORS  I E  577  3 CREDITS
Prereq: I E 271 OR GRADUATE CLASSIFICATION
5442005  A1  M 4:15-7:15PM
ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC A1 RESTRICTED TO I E, IMSE, SYS E, ENG M MAJORS ONLY
Course delivery is On-site instruction
5442010  A2  M 4:25-7:15PM
ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN I E, IMSE, SYS E, ENG M
Course delivery is On-site instruction
5442700  B1 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC B1 RESTRICTED TO I E, IMSE, SYS E, ENG M MAJORS ONLY
Course delivery is WWW
5442705  B2 ARRANGED
MEETS: AUG 23-DEC 17
Note: OPEN TO MAJORS OTHER THAN IMSE, SYS E, ENG M
Course delivery is WWW

SPECIAL TOPICS  I E  590  1-3 CREDITS
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

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INDUSTRIAL ENGINEERING (CONTINUED)

CREATIVE COMPONENT  I E  599  VAR. CREDITS
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

STOCHASTIC PRODU SYS  I E  613  3 CREDITS
PreReq: I E 534 OR EQUIVALENT
8237005  1 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

COMPUTNL OPTIMIZATN  I E  634  3 CREDITS
PreReq: I E 534 OR EQUIVALENT
4261005  1 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVANCED TOPICS  I E  681  1-3 CREDITS
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP  I E  697  R CREDIT
PreReq: PERMISSION OF DEPARTMENT
7999005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO COLLEGE OF DESIGN
MAJORS EXCEPT ARTIS
Course delivery is On-site instruction

STUDY FNDMTLS:WOOD  ARTIS 202  2 CREDITS
PreReq: SOPHOMORE LEVEL AND ABOVE
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS
9264005  A1  MWF 7:45-10:05
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
9264010  A2  MWF 7:45-10:05
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
9264015  B1  MWF 7:45-10:05
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
9264020  B2  MWF 7:45-10:05
Note: Course delivery is On-site instruction
9264025  B3  MWF 7:45-10:05
Note: Course delivery is On-site instruction

STUDY FNDMTLS:WOOD  ARTIS 203  2 CREDITS
PreReq: SOPHOMORE LEVEL AND ABOVE
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY
SEC A2, B2 ETC. SEC A2 FOR MAJOR OTHER THAN ARTIS
9272005  A1  MWF 1:10-3:30
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
9272010  A2  MWF 1:10-3:30
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
9272015  B1  MWF 1:10-3:30
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
9272020  B2  MWF 1:10-3:30
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction

INFORMATION ASSURANCE

INFO ASSURNC INTERN INFAS 697  R CREDIT
PreReq: PERMISSION OF DEPT, GRADUATE CLASSIFICATION
Satisfactory-Fail Only
8082005  1 ARRANGED
MEETS: AUG 23-DEC 17

INTEGRATED STUDIO ARTS

CRTV VISUAL THINKNG  ARTIS 201  3 CREDITS
7938005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO COLLEGE OF DESIGN
MAJORS EXCEPT ARTIS
Course delivery is On-site instruction

STUDIO FNDMTLS:WOOD  ARTIS 202  2 CREDITS
PreReq: SOPHOMORE LEVEL AND ABOVE
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS
9264005  A1  MWF 7:45-10:05
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
9264010  A2  MWF 7:45-10:05
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
9264015  B1  MWF 7:45-10:05
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
9264020  B2  MWF 7:45-10:05
Note: Course delivery is On-site instruction
9264025  B3  MWF 7:45-10:05
Note: Course delivery is On-site instruction

STUDIO FNDMTLS:WOOD  ARTIS 203  2 CREDITS
PreReq: SOPHOMORE LEVEL AND ABOVE
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY
SEC A2, B2 ETC. SEC A2 FOR MAJOR OTHER THAN ARTIS
9272005  A1  MWF 1:10-3:30
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
9272010  A2  MWF 1:10-3:30
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
9272015  B1  MWF 1:10-3:30
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
9272020  B2  MWF 1:10-3:30
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction

Materials, field trips $/or travel fee $45.00
INTEGRATED STUDIO ARTS  (CONTINUED)

STDIO FUND: CERAMICS  ARTIS 204  2 CREDITS
Prereq: SOPHOMORE LEVEL AND ABOVE
Note: SEC A2, B2 ETC. RESTRICTED TO ARTIS MAJORS ONLY
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS.
9253005  A1 MW 3:40-6:00PM
MEETS: AUG 23-OCR 15
Note: Course delivery is On-site instruction
Materials and equipment use fee $36.00
9253010  A2 MW 3:40-6:00PM
MEETS: AUG 23-OCR 15
Note: Course delivery is On-site instruction
Materials and equipment use fee $36.00
9253015  B1 MW 3:40-6:00PM
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $36.00
9253020  B2 MW 3:40-6:00PM
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $36.00

STDIO FUND: PRINTMG  ARTIS 206  2 CREDITS
Prereq: SOPHOMORE LEVEL AND ABOVE
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS.
9255005  A1 MW 1:10-3:30
MEETS: AUG 23-OCR 15
Note: Course delivery is On-site instruction
Materials fee $60.00
9255010  A2 MW 1:10-3:30
MEETS: AUG 23-OCR 15
Note: Course delivery is On-site instruction
Materials fee $60.00
9255015  B1 MW 1:10-3:30
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials fee $60.00
9255020  B2 MW 1:10-3:30
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials fee $60.00

COLOR  ARTIS 208  2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: SEC A1,B1 RESTRICTED TO ARTIS MAJORS, P ISA MAJORS, SEC A2,B2 OPEN TO ALL OTHER NON-ARTIS MAJORS.
Instructor permission required 1st week.
1766005  A1 MW 7:45-9:35
F 7:45-10:15
MEETS: AUG 23-OCR 15
Note: Course delivery is On-site instruction
Materials fee $40.00
1766010  A2 MW 7:45-9:35
F 7:45-10:15
MEETS: AUG 23-OCR 15
Note: Course delivery is On-site instruction
Materials fee $40.00
1766015  B1 MW 7:45-9:35
F 7:45-10:15
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials fee $40.00
1766020  B2 MW 7:45-9:35
F 7:45-10:15
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials fee $40.00

STUDIO FUND: PHOTO  ARTIS 210  2 CREDITS
Prereq: SOPHOMORE LEVEL AND ABOVE
Note: SEC A1,B1 RESTRICTED TO ARTIS MAJORS ONLY
SEC A2,B2 RESTRICTED TO MAJOR OTHER THAN ARTIS.
9266005  A1 TR 2:10-5:20
MEETS: AUG 23-OCR 15
Note: Course delivery is On-site instruction
Materials and equipment use fee $35.00
9266010  A2 TR 2:10-5:20
MEETS: AUG 23-OCR 15
Note: Course delivery is On-site instruction
Materials and equipment use fee $35.00
9266015  B1 TR 2:10-5:20
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $35.00
9266020  B2 TR 2:10-5:20
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $35.00

STUDIO FUND: CPMTRHS  ARTIS 212  3 CREDITS
Prereq: SOPHOMORE LEVEL AND ABOVE
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS.
9257005  A1 TR 2:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9257010  A2 TR 2:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9257015  B1 TR 6:10-9:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9257020  B2 TR 6:10-9:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTEGRATED STUDIO ARTS  (CONTINUED)

STUDIO FUND: PAINTNG  ARTIS 213  2 CREDITS
Prereq: SOPHOMORE LEVEL AND ABOVE
Note: SEC A2, B2 ETC. RESTRICTED TO ARTIS MAJORS ONLY
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS.
9268005  A1 MW 7:45-10:05
MEETS: AUG 23-OCR 15
Note: Course delivery is On-site instruction
Materials and equipment use fee $26.00
9268010  A2 MW 7:45-10:05
MEETS: AUG 23-OCR 15
Note: Course delivery is On-site instruction
Materials and equipment use fee $26.00
9268015  B1 MW 7:45-10:05
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $26.00
9268020  B2 MW 7:45-10:05
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $26.00

STUDIO FUND: TEXTILE  ARTIS 214  2 CREDITS
Prereq: SOPHOMORE LEVEL AND ABOVE
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS.
9269005  A1 MW 3:40-6:00PM
MEETS: AUG 23-OCR 15
Note: Course delivery is On-site instruction
Materials fee $38.00
9269010  A2 MW 3:40-6:00PM
MEETS: AUG 23-OCR 15
Note: Course delivery is On-site instruction
Materials fee $38.00
9269015  B1 MW 3:40-6:00PM
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials fee $38.00
9269020  B2 MW 3:40-6:00PM
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials fee $38.00

INTR CRTV DGT PHOTO  ARTIS 227  3 CREDITS
Note: COURSE RESTRICTED TO MAJORS IN BPM I AND THE COLLEGE OF DESIGN.
1983005  1 MN 2:15-5:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $50.00

DRAWING II  ARTIS 230  3 CREDITS
Prereq: DSN S 102, DSN S 183 AND DSN S 131
Note: COURSE RESTRICTED TO MAJORS IN BPM I AND THE COLLEGE OF DESIGN.
Instructor permission required 1st week.
1799005  1 TR 8:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $32.00
1799010  2 MN 8:50-11:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $32.00

WATERCOLOR PAINTING  ARTIS 233  3 CREDITS
Prereq: ARTIS 230
WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
1999005  1 TR 8:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $50.00

PAINTING I  ARTIS 238  3 CREDITS
Prereq: ARTIS 230
1780005  1 MN 12:05-2:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $31.80

WATERCOLOR PAINTING  ARTIS 233H  3-4 CREDITS
Prereq: ARTIS 230
Note: FOR BPM I, PBPM, AND COLLEGE OF DESIGN MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
5570005  1 MN 12:05-2:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $31.80

WATERCOLOR PAINTING  ARTIS 233H  3-4 CREDITS
Prereq: ARTIS 230
Note: FOR BPM I, PBPM, AND COLLEGE OF DESIGN MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
5570005  1 MN 12:05-2:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $31.80

INTEGRATED STUDIO ARTS  (CONTINUED)
INTEGRATED STUDIO ARTS  (CONTINUED)

SOURCES VISUAL ARTS ARTIS 310 3 CREDITS
6432005 1 MW 3:40-6:00PM MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO ARTIS MAJORS ONLY
Course delivery is On-site instruction
Materials, field trips $/or travel fee $25.00-$500.00
6432010 2 MW 3:40-6:00PM MEETS: AUG 23-DEC 17
Note: SEC 2 RESTRICTED TO ARC, ARCJD, ARTJD
ART M. ARTON, ARTGD, ARTID, C R P, DES, DSGN, DSGNS, 1 DES, IND D, L A MAJORS
Course delivery is On-site instruction
Materials, field trips $/or travel fee $25.00-$500.00

INTRO VISUAL ARTS ARTIS 310H 3-4 CREDITS
Prereq: ART 230
Note: COURSE OPEN TO COLLEGE OF DESIGN MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
Instructor permission required.
9379005 1 MW 3:40-6:00PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment fee $120.00

JEWELRY/METALSМ III ARTIS 324 3 CREDITS
Prereq: ARTIS 203 OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO DESIGN COLLEGE MAJORS ONLY
Instructor permission required 1st week.
7237005 1 TR 9:30-12:20 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment fee $80.00

ILLUSTRATION ARTIS 327 3 CREDITS
Prereq: ARTIS 326/BPM I 326, OR PERMISSION OF INSTRUCTOR
7239005 1 MW 6:10-9:00PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment fee $75.00

DRAWING ARTIS 330 3 CREDITS
Prereq: ARTIS 230
Note: COURSE RESTRICTED TO BPM I, PPBM, AND COLLEGE OF DESIGN MAJORS
Instructor permission required 1st week.
1801005 1 TR 9:30-12:20 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment fee $75.00

PAINTING III ARTIS 338 3 CREDITS
Prereq: ARTIS 238 OR ARTIS 213 AND ARTIS 217
Note: Instructor permission required 1st week.
7832005 1 MW 1:10-4:00PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment fee $32.00
INTEGRATED STUDIO ARTS (CONTINUED)

TOPICS STUDIO ART ARTIS 482 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2021. RESTRICTED TO DESIGN COLLEGE MAJORS.
1855005 1 MW 6:10-9:00PM MEETS: AUG 23-DEC 17 Note: SEC 1 TOPIC: SCREEN PRINTING.
Course delivery is On-site instruction Materials and equipment use fee $150.00
1855010 2 MW 4:25-7:15PM MEETS: AUG 23-DEC 17 Note: SEC 2 TOPIC: DATA VISUALIZATION.
Course delivery is On-site instruction Materials and equipment use fee $150.00
1855015 3 MW 6:10-9:00PM MEETS: AUG 23-DEC 17 Note: SEC 3 TOPIC: SCREEN PRINTING.
Course delivery is On-site instruction Materials and equipment use fee $150.00

INDEP STU 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

IND ST COMPUTER A&D ARTIS 490C 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DRAWING ARTIS 490D 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY TEXTILES ARTIS 490E 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND ST ILLUSTRATION ARTIS 490F 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY METALS ARTIS 490G 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTIS 490H 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY.
Materials and equipment use fee $25.00
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY PAINTING ARTIS 490I 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU PHOTOGRAPHY ARTIS 490J 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU PRINTMAKING ARTIS 490K 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU FURNITURE ARTIS 490L 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU MIXED MEDIA ARTIS 490M 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INTEGRATED STUDIO ARTS (CONTINUED)

POSTBACCAL CAPSTONE ARTIS 491 1 CREDIT
Prereq: ENROLLMENT IN POST BACCALAUREATE PROGRAM
Satisfactory-Fail Only.
8280005 1 ARRANGED MEETS: AUG 23-DEC 17
STUDIO INTERNSHIP ARTIS 497 1-6 CREDITS
Prereq: INTEGRATED STU-Fall Only.
******* SEE DEPT FOR REFERENCE NUMBERS
PRIN 3D CHAR ANIMAT ARTIS 507 3 CREDITS
Prereq: ARTIS 301
2057005 1 MN 1:10-4:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ADV FURNITURE DESIGN ARTIS 520 3 CREDITS
Prereq: GRAD CLASSIFICATION
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,
ARTID, ARTIS, IND D MAJORS.
Instructor permission required.
1895005 1 TR 9:30-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $100.00

CERAMICS STUDIO ARTIS 522 3 CREDITS
Prereq: GRAD CLASSIFICATION IN THE MFA PROGRAM IN INTEGRATED VISUAL ARTS; OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,
ARTID, ARTIS, IND D MAJORS.
Instructor permission required 1st week.
1896005 1 TR 3:10-6:10 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $141.50

JEWEL&DEC METAL III ARTIS 524 3 CREDITS
Prereq: GRAD CLASSIFICATION IN THE MFA PROGRAM IN INTEGRATED VISUAL ARTS; OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,
ARTID, ARTIS, IND D MAJORS.
Instructor permission required 1st week.
7255005 1 TR 9:30-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $80.00

ADVANCED PHOTOGRAPHY ARTIS 529 3 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMIS
7399005 1 TR 9:30-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $75.00

DRAWING ARTIS 530 3 CREDITS
Prereq: ARTIS 330
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,
ARTID, ARTIS, IND D MAJORS.
Instructor permission required 1st week.
7747005 1 TR 11:00-1:50 MEETS: AUG 23-DEC 17

CHARACT&SCENE DSIGN ARTIS 531 3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND INSTRUCTOR
PERMISSION UPON PORTFOLIO REVIEW
9851005 1 TR 8:00-10:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $25.00

ADVANCED PAINTING ARTIS 538 3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
7826005 1 MW 3:10-4:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $32.00

GRAD SEM:GRANTS,EXH ARTIS 571A 3 CREDITS
Prereq: ADMISSION INTO GRADUATE PROGRAM
IN THE COLLEGE OF DESIGN
1141005 1 W 6:30-9:00PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

VIDEO ART ARTIS 573 3 CREDITS
Prereq: GRAD STANDING OR PERMISSION OF INSTRUCTOR
2387005 1 MW 3:10-4:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TOPICS STUDIO ART ARTIS 582 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2021.
RESTRICTED TO GRADUATE STUDENTS IN THE DESIGN COLLEGE
1870005 1 MW 6:10-9:00PM MEETS: AUG 23-DEC 17
Note: SEC 1 TOPIC: SCREEN PRINTING.
Course delivery is On-site instruction
Materials and equipment use fee $150.00
1870010 2 MW 4:25-7:15PM MEETS: AUG 23-DEC 17
Note: SEC 2 TOPIC: DATA VISUALIZATION
INTEGRATED STUDIO ARTS (CONTINUED)

TOPICS STUDIO ART ARTIS 582 1-3 CREDITS
Course delivery is Hybrid (Online and F2F)
Materials and equipment use fee $150.00
1870015 3 MW 6:10-9:00PM
MEETS: AUG 23-DEC 17
Note: SEC 3 TOPICS: BRN CENTER
Course delivery is On-site instruction
Materials and equipment use fee $150.00

SPL TOPICS CERAMICS ARTIS 590B 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. ENROLLMT.
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,
ARTID, ARTIS, IND D MAJORS
Instructor permission required 1st week.

SPL TOPICS DENTAL ARTIS 590C 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. ENROLLMT.
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,
ARTID, ARTIS, IND D MAJORS
Instructor permission required 1st week.

SPL TOPICS DRAWING ARTIS 590D 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. ENROLLMT.
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,
ARTID, ARTIS, IND D MAJORS
Instructor permission required 1st week.

SPL TOPICS TEXTILES ARTIS 590E 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. ENROLLMT.
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,
ARTID, ARTIS, IND D MAJORS
Instructor permission required 1st week.

SPL TOPICS PAINTING ARTIS 590I 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. ENROLLMT.
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,
ARTID, ARTIS, IND D MAJORS
Instructor permission required 1st week.

SPL TOP PHOTOGRAPHY ARTIS 590J 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. ENROLLMT.
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,
ARTID, ARTIS, IND D MAJORS
Instructor permission required 1st week.

SPL TOP PRINTMAKING ARTIS 590K 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. ENROLLMT.
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,
ARTID, ARTIS, IND D MAJORS
Instructor permission required 1st week.

SPL TOP COMPUTER A&D ARTIS 590L 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. ENROLLMT.
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,
ARTID, ARTIS, IND D MAJORS
Instructor permission required 1st week.

SPL TOPICS FURNITURE ARTIS 590L 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. ENROLLMT.
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,
ARTID, ARTIS, IND D MAJORS
Instructor permission required 1st week.

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS
4480005 1 ARRANGED
MEETS: AUG 23-DEC 17

THESS RESEARCH IGS 699 VAR. CREDITS
4481005 1 ARRANGED
MEETS: AUG 23-DEC 17

INTERIOR DESIGN

FUND INTERIOR DESIGN ARTID 250 2 CREDITS
Note: SEC A1 RESTRICTED TO ARTID MAJORS. SEC A2
FOR MAJORS OTHER THAN ARTID
6589005 A1 MW 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
6589010 A2 MW 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

GRAPH COM INT DSN I ARTID 261 3 CREDITS
Prereq: ADMISSION TO THE INTERIOR DESIGN PROGRAM
THROUGH PROGRAM REVIEW AND ENROLLMENT IN ARTID 265
7885005 1 MN 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

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
Note: COURSE RESTRICTED TO ARTID MAJORS. STUDENTS
ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
Instructor permission required 1st week.
1784005 1 T 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$63.00
1784010 2 T 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$63.00
1784015 3 T 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$63.00

INTERIOR REGG GUIDEL ARTID 351 3 CREDITS
Prereq: SUCCESSFUL COMPLETION OF ARTID 267 OR
PERMISSION OF INSTRUCTOR
1683005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
INT CONSTRCT&DTLS ARTID 353 3 CREDITS
Note: COURSE RESTRICTED TO ARTID MAJORS
7731005 1 MW 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
INT DSN HIST/THRY I ARTID 355 3 CREDITS
Note: Meets international perspectives requirement.
Instructor permission required 1st week.
1689005 1 TR 2:10-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
INT DES INTNR SEM I ARTID 360 1 CREDIT
Prereq: SUCCESSFUL COMPLETION OF ARTID 267
Note: COURSE RESTRICTED TO ARTID MAJORS
Instructor permission required 1st week.
1818001 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 2 OPEN TO INTERIOR DESIGN MAJORS, SOPHOMORE AND ABOVE
Course delivery is WNW
INT DSGN STUDIO III ARTID 365 4 CREDITS
Note: COURSE RESTRICTED TO ARTID MAJORS
Instructor permission required 1st week.
1815009 1 M 1:45-2:35
MW 8:50-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$1,250.00
1815014 2 M 7:45-8:35
MW 8:50-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$1,250.00
1815019 3 M 10:45-11:35
MW 8:50-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$1,250.00
1815024 4 M 6:45-7:35
MW 8:50-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$1,250.00
INT DESIGN 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.
1851000 1 M 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$400.00
1851010 2 M 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$400.00
1851015 3 M 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$400.00
1851020 4 M 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$400.00
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
INDEP STUDY HONORS ARTID 490H 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO ARTID MAJORS WHO ARE IN THE UNIVERSITY HONORS PROGRAM
****** SEE DEPT FOR REFERENCE NUMBERS
DSGN HUMANC;SENSORY ARTID 551A 3 CREDITS
Prereq: INSTRUCTOR PERMISSION
8255005 1 TR 6:10-7:20PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
INTERIOR DESIGN (CONTINUED)

ID TEACHNG PRACTICM ARTID 554 3 CREDITS
Prereq: ARTID 668 AND PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS
INTERR DSN STUDIO V ARTID 565 4 CREDITS
Prereq: GRAD CLASSIFICATION OR INSTRUCTOR PERMISSION
Note: Instructor permission required 1st week.
1906005 1 M 12:05-12:55
MM 1:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$400.00
1906010 2 M 12:05-12:55
MM 1:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$400.00
1906015 3 M 12:05-12:55
MM 1:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$400.00
1906020 4 M 12:05-12:55
MM 1:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$400.00
ADV STUDI;VAR TOPIC ARTID 569A 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO GRADUATE ARTID MAJORS
7179005 1 TR 8:00-9:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ADV STUDI;PRESERVAT ARTID 569D 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO SENIORS AND GRAD STUDENTS
1754015 1 TR 8:35-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$500.00
ADV STD;INCLSV ENV ARTID 569E 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Note: COURSE TOPIC: ADVANCED STUDIES IN INTERIOR DESIGN: INCLUSIVE ENVIRONMENTS
0586005 1 TR 8:00-9:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$670.00
SPECIAL TOPICS ARTID 590 VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN INTERIOR DSN OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR & DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR, ARTID, ARTIS, IND D MAJORS
****** SEE DEPT FOR REFERENCE NUMBERS
CREATIVE COMPONENT ARTID 599 VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
ADV EXPERMTL INT DS ARTID 668 4 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR
8248005 1 T 11:00-12:30
TR 12:40-2:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$375.00
ADVANCED TOPICS ARTID 690 VAR. CREDITS
Prereq: MFA CLASSIFICATION, PERMISSION OF INSTR
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR, ARTID, ARTIS, IND D MAJORS
****** SEE DEPT FOR REFERENCE NUMBERS
RESEARCH;THESIS ARTID 699A VAR. CREDITS
Note: COURSE RESTRICTED TO GRADUATE MAJORS
****** SEE DEPT FOR REFERENCE NUMBERS
RESEARCH;THESIS-EXH ARTID 699B VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
INTERNATIONAL STUDIES

INTRO INT'L STUDIES INTST 235 3 CREDITS
Note: Meets international perspectives requirement
9582005 1 TR 9:30-10:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9582010 2 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9582015 3 MWF 11:00-12:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
### JOURNALISM & MASS COMMUNICATION

<table>
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<td>4656010 A2</td>
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<td>BERGHEFER S</td>
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### INTERNATIONAL STUDIES

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<td>9582705 A5</td>
<td>OCT-DEC</td>
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Note: Course delivery is WWW
JOURNALISM & MASS COMMUNICATION (CONTINUED)

INTRO DIGITAL PUBLISH JL MC 316 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN JL MC 242
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5325005 1 MW 12:15-4:05 BERGHEFER S
Note: Course delivery is On-site instruction
5325010 2 TR 12:10-1:50 BERGHEFER S
Note: Course delivery is On-site instruction

NEWSPAPER EDITING JL MC 349 3 CREDITS
Prereq: C- OR BETTER IN JL MC 302, JL MC 303 OR P R 321
MEETS: AUG 23-DEC 17
Note: Course restricted to JL MC, ADVRT, P R Majors
4677005 1 TR 2:10-4:00 LUCHT T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRO SKILLS DEVELOPMENT JL MC 390A 1 CREDIT
Prereq: C- OR BETTER IN JL MC 201; INSTRUCTOR PERMISSION FOR NONMAJORS
0417005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

THEORIES MASS COMM JL MC 501 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
4726005 1 M 5:10-8:00 PM WINFREY K
Prereq: CREDIT OR ENROLLMENT IN JL MC 501
FUNDAMENTAL RESEARCH METHODS JL MC 502 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
4792005 1 M 11:00-2:00 PM WINFREY K
Prereq: C- OR BETTER IN JL MC 302 AND JL MC 303

MEDIA MANAGEMENT JL MC 460 3 CREDITS
Prereq: JL MC 344 OR 346 OR 347; C- OR BETTER IN JL MC 302 OR JL MC 306
MEETS: AUG 23-DEC 17
Note: Concurrent Enrollment in JL MC 312
0828005 1 MW 12:05-1:55 WITHERSPoon B
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SP TOP MGMT SOC MEDI JL MC 497A 3 CREDITS
Prereq: JL MC 499A OR JL MC 501
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
0153005 1 MW 12:05-1:25 HAAE E
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
KINESIOLOGY

SWIMMING I KIN 101 1 CREDIT
Satisfactory-Fail Only.
5660005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $50.00

SWIMMING II KIN 102 1 CREDIT
Satisfactory-Fail Only.
5661005 1 TR 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $50.00

AQUATIC FITNESS KIN 108 1 CREDIT
Prereq: KIN 102 OR EQUIVALENT SKILL
Satisfactory-Fail Only.
5665005 1 TR 1:20-4:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $50.00

BADMINTON KIN 122 1 CREDIT
Satisfactory-Fail Only.
5671005 1 MW 8:50-10:05
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
5671010 2 MWF 10:30-11:45
MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

BOWLING KIN 129 1 CREDIT
Satisfactory-Fail Only.
5675005 1 MW 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use fee $35.00

5675010 2 MW 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use fee $35.00

5675015 3 TR 9:30-10:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use fee $35.00

5675020 4 TR 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use fee $35.00

RACQUETBALL KIN 144 1 CREDIT
Satisfactory-Fail Only.
5683005 1 MW 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use fee $25.00

5683010 2 MW 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use fee $25.00

TENNIS KIN 158 1 CREDIT
Satisfactory-Fail Only.
5690005 1 MW 9:30-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
5690010 2 MWF 11:00-12:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
5690015 3 MWF 12:40-1:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

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 7:45-8:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

WALKING FOR FITNESS KIN 164 1 CREDIT
Satisfactory-Fail Only.
8867005 1 MW 11:00-12:00
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

RUNNING FOR FITNESS KIN 165 1 CREDIT
Satisfactory-Fail Only.
5343005 1 MF 8:00-9:20
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

JUDO KIN 168 1 CREDIT
Satisfactory-Fail Only.
5535005 1 MW 3:20-4:10
HAMANN M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TAEKWONDO/KARATE I KIN 170 1 CREDIT
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

5700005 1 TR 2:10-3:00
HAMANN M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
5702005 1 MW 4:20-5:15
HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT
Satisfactory-Fail Only.
Materials and professional support fee $25.00

Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17

5732025 C1 TR 10:00-10:50
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

5732030 C2 TR 10:00-10:50
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

5732035 D1 TR 11:00-11:50
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

5732040 D2 TR 11:00-11:50
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

5732045 E1 TR 12:10-1:00
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

5732050 E2 TR 12:10-1:00
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

5732055 F1 TR 1:10-2:00, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

5732060 F2 TR 1:10-2:00, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

5732065 G1 TR 2:10-3:00, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

5732070 G2 TR 2:10-3:00, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

LDRSHP TECH FITNESS KIN 259 3 CREDITS
Freered: KIN 258

9622005 1 W 1:10-2:00
WERSTEIN K
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

9622010 2 W 1:10-2:00
WERSTEIN K
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

ADV STRENGTH TRAINING KIN 266 2 CREDITS
Freered: KIN 258

Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY

FIELD EXP ELEM P E KIN 280 1 CREDIT
Note: COURSE RESTRICTED TO KIN H MAJORS ONLY
Note: INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.

Satisfactory-Fail Only.

5736005 1 F 7:45-11:15
GROTE L
ARRANGED
MEETS: AUG 23-DEC 17
Note: FRIDAY MTGS FIRST TWO WEEKS OF SEMESTER ONLY.

REMAINDER OF COURSE IS EXPERIENCE.

Course delivery is On-site instruction

Materials and equipment use fee $25.00

FIELD EXP SEDDY P E KIN 281 1 CREDIT
Note: COURSE RESTRICTED TO KIN H MAJORS ONLY

Satisfactory-Fail Only.

7699005 1 F 7:45-11:15
GROTE L
ARRANGED
MEETS: AUG 23-DEC 17
Note: INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.

Course delivery is On-site instruction

Materials and equipment use fee $25.00

PRN PHYSCL FIT&CON KIN 258 2 CREDITS
Note: Lectures (Represented by the arranged time) will be delivered via www. the scheduled classroom times are labs. Sec 1 & 2 are restricted to PDEXA, PDEXH, D EXA, D EXH, KIN H, A TR, P ATR MAJORS. Credit for either KIN 258 or KIN 258, but not both, may be applied toward graduation.

5732005 A1 TR 8:00-8:50
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

5732010 A2 TR 8:00-8:50
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

5732015 B1 TR 9:00-9:50
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00

5732020 B2 TR 9:00-9:50
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $25.00
KINESIOLOGY (CONTINUED)

FLD EXP EDUC OUTRCH KIN 282 1 CREDIT
Prereq: ADMISSION TO UNIVERSITY TEACHER EDUC PROG
Note: RESTRICTED TO STUDENTS WHO WILL BE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Satisfactory-Fail Only.
5752005 1 TR 3:30-6:30PM SMITH-WITTROCK J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ELEM/PRSC MVMT ED KIN 284 3 CREDITS
Prereq: 3 CREDITS IN HUMAN 4 & FAMILY STUDIES
Note: OPEN TO NON PHYSICAL EDUCATION TEACHER LICENSURE STUDENTS ONLY. CREDIT FOR EITHER KIN 275/312 OR KIN 284, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
5737005 1 TR 8:00-10:50 VAZOU S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

PRE-INTERN KIN&HLTH KIN 285 1-2 CREDITS
Prereq: KINESIOLOGY AND HEALTH MAJOR, AND PERMISSION OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
8750005 1 ARRANGED POWER D
MEETS: AUG 23-DEC 17
Note: Department permission required.

INDEPENDENT STUDY KIN 290 1 CREDIT
Prereq: SOPHOMORE OR 2ND SEMESTER FRESHMAN, PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

ELEM SCH MOVEMNT ED KIN 312 3 CREDITS
Prereq: ADMISSION TO EDUCATOR PREPARATION PROGRAM; KIN 233
Note: CREDIT FOR EITHER KIN 284 OR KIN 312, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
5735005 1 1:10-3:00 VAZOU S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MGT HEALTH-FIT PROG KIN 345 3 CREDITS
6797005 1 TR 9:30-10:45 POWER D
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO A TR, D EKA, D EKH, FSHNA, FSHNN, KIN H, P ATR, P DEXA, P DEXH JUNIORS AND SENIORS AND KIN MAJORS
Course delivery is On-site instruction
Materials, field trips $/or travel fee $40.00
7697010 2 TR 9:30-10:45 POWER D
MEETS: AUG 23-DEC 17
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR, D EKA, D EKH, KIN H, P ATR, P DEXA, P DEXH, FSHNA, FSHNN, KIN
Course delivery is On-site instruction
Materials, field trips $/or travel fee $40.00

BIOMECHANICS KIN 355 3 CREDITS
5752005 1 MWF 7:45-8:35 DERRICK T
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO A TR, D EKA, D EKH, KIN H, P ATR, P DEXA, P DEXH JUNIORS AND AND KIN, FSHNA, FSHNN MAJORS
Course delivery is On-site instruction
5752010 2 MWF 7:45-8:35 DERRICK T
MEETS: AUG 23-DEC 17
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR, D EKA, D EKH, KIN H, P ATR, P DEXA, P DEXH, FSHNA, FSHNN
Course delivery is On-site instruction
5752015 3 TR 8:00-9:15 GILLETTE J
MEETS: AUG 23-DEC 17
Note: SEC 3 RESTRICTED TO A TR, D EKA, D EKH, KIN H, P ATR, P DEXA, P DEXH JUNIORS AND AND KIN, FSHNA, FSHNN MAJORS
Course delivery is On-site instruction
5752020 4 TR 8:00-9:15 GILLETTE J
MEETS: AUG 23-DEC 17
Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN A TR, D EKA, D EKH, KIN H, P ATR, P DEXA, P DEXH, FSHNA, FSHNN
Course delivery is On-site instruction

MOTOR CNTRL LIFESP KIN 372 3 CREDITS
Prereq: PSYCH 101 OR PSYCH 230
5762005 1 WMF 7:45-8:35 SMILEY A
MEETS: AUG 23-DEC 17
Note: COURSE RESTRICTED TO MAJORS OTHER THAN A TR, D EKA, D EKH, KIN H, P ATR, P DEXA, P DEXH, FSHNA, FSHNN
Course delivery is On-site instruction
5762010 2 MWF 7:45-8:35 SMILEY A
MEETS: AUG 23-DEC 17
Note: COURSE RESTRICTED TO MAJORS OTHER THAN A TR, D EKA, D EKH, KIN H, P ATR, P DEXA, P DEXH, FSHNA, FSHNN
Course delivery is On-site instruction
5762015 3 MWF 8:30-9:15 SMILEY A
MEETS: AUG 23-DEC 17
Note: COURSE RESTRICTED TO MAJORS OTHER THAN A TR, D EKA, D EKH, KIN H, P ATR, P DEXA, P DEXH, FSHNA, FSHNN
Course delivery is On-site instruction
### KINESIOLOGY (CONTINUED)

**INTERNSRCHSTRKAT KIN 395** 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN  
MEETS: AUG 23-DEC 17  
Satisfactory-Fail Only.

**ADAPTEDPHYSICALED 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.

**SUPVTCHG-SECONDARY KIN 417** VAR. CREDITS  
Prereq: KIN 281, KIN 282, KIN 311, KIN 355, KIN 395, KIN 471, KIN 475; ADMISSION TO TEACHER EDUCATION; ENROLLMENT BEFORE ENROLLING IN THE COURSE.  
Note: COURSE RESTRICTED TO KIN 281 OR KIN 282, KIN 311, KIN 355, KIN 395, KIN 471, KIN 475; ADMISSION TO TEACHER EDUCATION; ENROLLMENT BEFORE ENROLLING IN THE COURSE.

**SUPR TCHG-ELEMENTRY 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 BEGINNING OF THE SEMESTER PRIOR TO REQUIRED INTERNSHIP; KIN 258, KIN 358 (MINIMUM C-)

**PRINFITNESSASSESS KIN 458** 4 CREDITS  
Prereq: KIN 258, KIN 358 (MINIMUM C-)

**SRVLRNLLEADSH KIN 391** 1-3 CREDITS  
Satisfactory-Fail Only.

**RECREATNLSPORT MGT KIN 399** 3 CREDITS  
Prereq: SOC 134  
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS

**MEDIASPECTSEXERC KIN 462** 3 CREDITS  
Prereq: KIN 365 (MINIMUM C-)

**EXRSCEMENTALHEALT KIN 466X** 3 CREDITS  
Prereq: KIN 365, OR SENIOR STATUS IN PSYCHOLOGY, OR INSTRUCTOR PERMISSION

**MUSC & NEUROSCIENT KIN 474X** 3 CREDITS  
Prereq: KIN 372 OR PERMISSION BY INSTRUCTOR

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**PRINFITNESSASSESS KIN 458** 4 CREDITS  
Prereq: KIN 258, KIN 358 (MINIMUM C-)

**SRVLRNLLEADSH KIN 391** 1-3 CREDITS  
Satisfactory-Fail Only.

**ADAPTEDPHYSICALED 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.

**SUPVTCHG-SECONDARY KIN 417** VAR. CREDITS  
Prereq: KIN 281, KIN 282, KIN 311, KIN 355, KIN 395, KIN 471, KIN 475; ADMISSION TO TEACHER EDUCATION; ENROLLMENT BEFORE ENROLLING IN THE COURSE.  
Note: COURSE RESTRICTED TO KIN 281 OR KIN 282, KIN 311, KIN 355, KIN 395, KIN 471, KIN 475; ADMISSION TO TEACHER EDUCATION; ENROLLMENT BEFORE ENROLLING IN THE COURSE.

**SUPR TCHG-ELEMENTRY 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 BEGINNING OF THE SEMESTER PRIOR TO REQUIRED INTERNSHIP; KIN 258, KIN 358 (MINIMUM C-)

**PRINFITNESSASSESS KIN 458** 4 CREDITS  
Prereq: KIN 258, KIN 358 (MINIMUM C-)

**SRVLRNLLEADSH KIN 391** 1-3 CREDITS  
Satisfactory-Fail Only.
KINESIOLOGY  

PE CURRIC DSN & ORG KIN 475 3 CREDITS  
Prereq: ADMISSION TO EDUCATOR PREPARATION PROGRAM, KIN 280 OR KIN 281  
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY EDUCATOR PREPARATION PROGRAM  
5771005 1 TR 8:30-10:45 GROTE L  
ARRANGED  
Note: Course delivery is On-site instruction  

FUNCTIONAL ANATOMY KIN 480 3 CREDITS  
Prereq: KIN 355; BIOL 155 OR BIOL 255 AND BIOL 256  
Note: COURSE RESTRICTED TO KIN 280 OR KIN 281  
6175005 1 TR 11:00-12:15 DERRICK T  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

INTRN EXERCISE SCI KIN 485A 8-16 CREDITS  
Prereq: ALL REQUIRED COURSES; C- OR BETTER IN KIN 355, KIN 358, KIN 359, KIN 366, KIN 372, KIN 458, KIN 459, KIN 462 AND M S 350, KINESIOLOGY AND HEALTH MAJORS ONLY. CUMULATIVE GPA 2.0.  
--------- SEE DEPT FOR REFERENCE NUMBERS  

IND STUDY EXER&SPORT KIN 490A 1-3 CREDITS  
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR  
Note: Instructor permission required 1st week.  
--------- SEE DEPT FOR REFERENCE NUMBERS  

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  
--------- SEE DEPT FOR REFERENCE NUMBERS  

UG TEACHING EXPERCN KIN 491X 1-2 CREDITS  
Prereq: JUNIOR/SENIOR STATUS AND PERMISSION OF INSTRUCTOR  
--------- SEE DEPT FOR REFERENCE NUMBERS  

PRA MOTV INTWV:PRIN KIN 494A 1 CREDIT  
Prereq: JUNIOR/SENIOR STATUS AND PERMISSION OF INSTRUCTOR  
--------- SEE DEPT FOR REFERENCE NUMBERS  
9731005 1 T 2:10-3:00 WELK G  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

PRA MOTV INTWV:SUPP KIN 494B 1-2 CREDITS  
Prereq: KIN 494A, PERMISSION OF INSTRUCTOR  
--------- SEE DEPT FOR REFERENCE NUMBERS  
9729005 1 ARRANGED WELK G  
MEETS: AUG 23-OCT 15  
Note: Course delivery is On-site instruction  
9729010 2 ARRANGED WELK G  
MEETS: OCT 18-DEC 17  
Note: Course delivery is On-site instruction  

EXER PHYSIO LAB TECH KIN 505 2 CREDITS  
Prereq: KIN 358 OR EQUIVALENT COURSE WITH BASIC LAB EXPERIENCE  
5781005 1 M 3:20-5:10, ARRANGED VALENTINE R  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

INJURY BIOMECHANICS KIN 515 3 CREDITS  
Prereq: KIN 355 OR PERMISSION OF INSTRUCTOR  
5957005 1 TR 10:00-12:15 GILLETTE J  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

ADV VERB PHYSIOLOG I KIN 549 4 CREDITS  
Prereq: RECOMMENDED: AN UNDERGRADUATE PHYSIOLOGY COURSE AND A BIOCHEMISTRY COURSE  
2329005 1 TR 8:00-9:15 M  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

ADV PHYSIOL EXERC I KIN 550 3 CREDITS  
Prereq: KIN 505 OR EQUIVALENT  
5791005 1 T 3:40-5:30 VALENTINE R  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

EXERC&LTH:BIHR CHG KIN 567 3 CREDITS  
Prereq: KIN 366 OR EQUIVALENT  
3232005 1 W 3:20-5:10, ARRANGED WERSTEIN K  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

KINESIOLOGY  

NEURAL BASIS HMWTV KIN 572 3 CREDITS  
Prereq: KIN 372 OR PSYCH 310  
7327005 1 TR 9:00-10:15 STEGMOLLER E  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

PHY ACTV&LTH AGING KIN 573X 3 CREDITS  
Prereq: KIN 355, KIN 349; KIN 372 OR EQUIVALENT OR PERMISSION OF INSTRUCTOR  
0691005 1 M 3:10-6:00P SMILY A  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

PE CURRIC DSN & ORG KIN 575 3 CREDITS  
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY EDUCATOR PREPARATION PROGRAM  
7460005 1 TR 9:30-10:45 ARRANGED  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

SPECIAL TOPICS P E KIN 590A 1-3 CREDITS  
--------- SEE DEPT FOR REFERENCE NUMBERS  

SPL TP HEALTH PROMO KIN 590B 1-3 CREDITS  
--------- SEE DEPT FOR REFERENCE NUMBERS  

SPL TOP EXERC PHYSI KIN 590D 1-3 CREDITS  
--------- SEE DEPT FOR REFERENCE NUMBERS  

SPL TOP MOTOR BEHAV KIN 590G 1-3 CREDITS  
--------- SEE DEPT FOR REFERENCE NUMBERS  

SPL TOP BIOMECHANICS KIN 590H 1-3 CREDITS  
--------- SEE DEPT FOR REFERENCE NUMBERS  

SPL TOP MOTOR BEHAV KIN 590I 1-3 CREDITS  
--------- SEE DEPT FOR REFERENCE NUMBERS  

SPL TOP RSRC ETHCS KIN 590J 1-3 CREDITS  
--------- SEE DEPT FOR REFERENCE NUMBERS  

SUP V FIELD EXP P E KIN 591A 1-6 CREDITS  
Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS  
5796005 1 MW 12:05-12:55 PITCHFORD E  
F 1:10-3:00  
PITCHFORD E  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

SUP FLDP HX F PHYS KIN 591D 1-6 CREDITS  
Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS  
5796010 2 MW 12:05-12:55 PITCHFORD E  
F 9:55-11:45 PITCHFORD E  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

PRACTCM COLLEGE TCHNG KIN 592 1-3 CREDITS  
--------- SEE DEPT FOR REFERENCE NUMBERS  

ADAPTED PHYSCL 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.  
5796005 1 MW 12:05-12:55 PITCHFORD E  
F 1:10-3:00  
PITCHFORD E  
MEETS: AUG 23-DEC 17  
Note: Instructor permission required 1st week.  

ADV RESR MTDS ACTV KIN 620 3 CREDITS  
Prereq: KIN 501, STAT 402, STAT 587, DOCTORAL PROGRAM STUDENT  
7461005 1 W 6:10-9:00P EKKEKAKIS P  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

CREATIVE COMPONENT KIN 599 1-3 CREDITS  
--------- SEE DEPT FOR REFERENCE NUMBERS  

SEMINAR KIN 615 1-3 CREDITS  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2020  
Instructor permission required 1st week.  
5812005 1 TR 9:00-10:15 CHOU L  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

ADV RESR MTDS ACTV KIN 620 3 CREDITS  
Prereq: KIN 501, STAT 402, STAT 587, DOCTORAL PROGRAM STUDENT  
7461005 1 W 6:10-9:00P EKKEKAKIS P  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

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KINESIOLOGY

RESEARCH
KIN 699 1-6 CREDITS
Note: Instructor permission required 1st week.

KINESIOLOGY (CONTINUED)

LANDSCAPE ARCHITECTURE

CITY PLAY!
L A 171 3 CREDITS
Note: Meets U.S. diversity reqmt.
4724005 1 ARRANGED
SHIRTLIFF B
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

STUDIO: LANDSCAP INT RP
L A 201 6 CREDITS
Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM
Instructor permission required 1st week.
4765005 1 MWF 1:10-4:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $1,900.00

NATIV PLNTS MIDWEST
L A 221 3 CREDITS
Course delivery is On-site instruction

DEVEL ID AS L ARCHI
L A 241 1 CREDIT
Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM
Satisfactory-Fail Only.
3447005 1 MF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FND NAT R PL CY & HIST
L A 270 3 CREDITS
SKRYNNIKOVA L
3566005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

LANDSCAPE STUDIES
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 1 TR 8:00-8:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

LNDSCP FORM,PROCESS
L A 281 3 CREDITS
Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM
Note: COURSE RESTRICTED TO L A MAJORS ONLY
6108005 1 TR 2:10-3:25, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SITE DESIGN II
L A 301 6 CREDITS
Prereq: L A 202
4777005 1 F 1:10-4:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Field trips & travel fee $25.00-$575.00

LANDSCAP CONSTRUCTN
L A 325 6 CREDITS
Prereq: L A 282, MATH 143 OR MATH 145
Instructor permission required 1st week.
4782005 1 MW 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
LANDSCAPE ARCHITECTURE (CONTINUED)

INDEP STUDY GRAPHICS L A 490G 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS L A 490H 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INTERDISC L A 490I 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU INT'L STUDI L A 490J 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STY CMTR APPL L A 490K 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STY ECO DESIGN L A 490L 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

FIELD TRAVEL L A 509 1 CREDIT
Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM, PERMISSION OF INSTRUCTOR, Satisfactory-Fail Only.
8788005 1 ARRANGED
MEETS: AUG 23-DEC 17

COLIQ II: INTDSC RES L A 545 1 CREDIT
Prereq: L A 542 OR GRADUATE STANDING Satisfactory-Fail Only.
4026005 1 T 2:40-3:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

LSCP PARAMTRCS&CODG L A 557 3 CREDITS
Prereq: GRADUATE STANDING OR SENIOR STATUS, OR INSTRUCTOR PERMISSION
3528005 1 1 8:50-10:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

LANDSCAP ARCH THEORY L A 571 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
4803005 1 T 8:00-10:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TOPICAL ST GRAPHICS L A 578G 2-3 CREDITS
Prereq: L A 202 OR GRAD CLASSIFICATION
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2021
7195005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TOPIC INTERDISCIPLIN L A 578I 2-3 CREDITS
Prereq: L A 202 OR GRAD CLASSIFICATION
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2021
7202005 1 ARRANGED YOST B
MEETS: AUG 23-DEC 17
Note: Sec 1 offered for 4 credits Course delivery is WWW

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

LANDSCAP TOPOGRAPHICS L A 583 3 CREDITS
Prereq: L A 602
8758005 1 MWF 9:55-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

LANDSCAPE ARCHITECTURE (CONTINUED)

SPL TOP LANDSC DSGN L A 590A 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN L A 590B 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN L A 590C 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC HISTORY L A 590D 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC PLAN L A 590E 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSIGN L A 590F 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC GRAPHICS L A 590G 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI L A 590J 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECO DESIGN L A 590L 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC SOCI/BHV L A 590M 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSIGN L A 590N 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC SOC/BHV L A 590O 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DESIGN L A 590P 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC SOC/BHV L A 590Q 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC SOC/BHV L A 590R 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

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 REP L A 601 4 CREDITS
Prereq: GRADUATE STANDING
8106005 1 F 8:30-10:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction Field trips & travel fee $25.00-$250.00

STO OT III: PERMC SCP L A 603 6 CREDITS
Prereq: L A 602
8761005 1 MWF 1:10-4:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction Field trips & travel fee $25.00-$750.00
<table>
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<tr>
<th>Course Code</th>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
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<tbody>
<tr>
<td>9937005</td>
<td>1</td>
<td>TR</td>
<td>11:00-12:15</td>
<td>CARDANI-TROLLING</td>
<td>MEETS: AUG 23-DEC 17</td>
<td>Note: SEC 1 TOPIC: THE SCIENCE OF HAPPINESS</td>
</tr>
</tbody>
</table>

**LEARNING AND LEADERSHIP SCIENCES**

- **FOUND LEARNING TEAM**
  
  - L L S 112 2 CREDITS
  
  - 3590005 1 T 12:10-2:00 WIERSEMA J
  
  - MEETS: AUG 23-DEC 17
  
  - Note: Course delivery is On-site instruction

- **INDEPENDENT STUDY**
  
  - LD ST 490 1-3 CREDITS
  
  - 3590015 3 T 3:10-5:00 WIERSEMA J
  
  - MEETS: AUG 23-DEC 17
  
  - Note: Course delivery is On-site instruction

- **HABITS OF MIND LDRS**
  
  - L L S 212 2 CREDITS
  
  - 3591005 1 W 4:25-6:15PM NATION R
  
  - MEETS: AUG 23-DEC 17
  
  - Note: Course delivery is On-site instruction

- **LRNG&LDR IN PRACTICE**
  
  - L L S 412 3 CREDITS
  
  - 3595005 1 MWF 2:25-4:55PM HAYNES C
  
  - MEETS: AUG 23-DEC 17
  
  - Note: SEC 1 TOPIC: THE SCIENCE OF HAPPINESS

**LEARNING TEAM**

- **IDEAL (IE) TRANSFER**
  
  - L TM  E137 0 CREDITS
  
  - 9604137 ARRANGED NEAL J
  
  - MEETS: AUG 23-DEC 17
  
  - Note: Course delivery is Hybrid (Online and F2F)

- **ENGR EXPLORATION**
  
  - L TM  E158 0 CREDITS
  
  - 4064158 ARRANGED DEWAAL D
  
  - MEETS: AUG 23-DEC 17
  
  - Note: Permission of Learning Community Coordinator

- **BLT - HONORS**
  
  - L TM M115 0 CREDITS
  
  - 8874115 ARRANGED GRUNDMEIER S
  
  - MEETS: AUG 23-DEC 17
  
  - Note: Course delivery is Hybrid (Online and F2F)

**LIBERAL ARTS & SCIENCES**

- **ORIENTATION**
  
  - LAS 101 1 CREDIT
  
  - 6241005 1 TR 8:30-11:55 WILLIAMS K
  
  - MEETS: AUG 23-DEC 17
  
  - Note: Course delivery is Hybrid (Online and F2F)

- **CULTR 4GLBL LDRSHIP**
  
  - L ST 360 3 CREDITS
  
  - 0107005 1 TR 3:10-4:30 CARDANI-TROLLING
  
  - MEETS: AUG 23-DEC 17
  
  - Note: Course delivery is Hybrid (Online and F2F)

- **LANDSCAPE ARCHITECTURE**
  
  - L A 605 6 CREDITS
  
  - 4030005 1 TR 8:30-11:55 MEETS: AUG 23-DEC 17
  
  - Note: Course delivery is Hybrid (Online and F2F)

- **LATIN**
  
  - ELEMENTARY LATIN I
  
  - L ATN 101 3 CREDITS
  
  - Note: Students who have completed one or more years of high school Latin may not enroll in 101.

- **LEAD WITH PURPOSE**
  
  - LD ST 122 1 CREDIT
  
  - 9523005 1 T 11:00-12:15 MEETS: AUG 23-OCT 15
  
  - Note: SEC 1 RESTRICTED TO 1ST YEAR STUDENTS OR PERMISSION OF INSTRUCTOR

- **LRNG&LDR IN PRACTICE**
  
  - L L S 412 3 CREDITS
  
  - 3590005 1 TR 12:40-2:55 WILLIAMS K
  
  - MEETS: AUG 23-DEC 17
  
  - Note: COURSE IS A HYBRID - HAS WWW INSTRUCTION
LIBERAL ARTS & SCIENCES (CONTINUED)

**MEETS: AUG 23-DEC 17**

<table>
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<tr>
<th>Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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**NOTE:** Instructor permission required. Course delivery is On-site instruction.

**MATH 651C**

**FRONTIERS LAS 103D 1 CREDIT**

Note: No more than 3 total credits of LAS 103A, LAS 103B, LAS 103C, LAS 103D, and LAS 103E may be applied toward graduation. LAS 103D is Satisfactory-Fail Only.

**IND STUDY ENTREPRI**

**LAS 490A VAR. CREDITS**

Prereq: Permission of the LAS College. Note: Permission of the dean of LAS required to add. Process approved add slip in 10 enrollment services center. No more than 9 credits of LAS 490 may be applied toward graduation. College permission required.

**LIBRARY**

**INFORMATN LITERACY LIB 160 1 CREDIT**

Prereq: Completion of ENG 101 required for students placed in ENG 101. Satisfactory-Fail Only.

**LIBRARIES (CONTINUED)**
LINGUISTICS

INTRO STDY LINGUIST LING 101 1 CREDIT
7490005  1  W 2:15-3:05
Note: Course delivery is On-site instruction

INTRO WORLD LANGUAG LING 119 3 CREDITS
6257005  1 MWF 1:00-2:00
Note: Course delivery is On-site instruction

INTRO Symbolic Logic LING 207 3 CREDITS
8592005  1 TR 11:00-12:15 DOSANJH R
Note: Course delivery is On-site instruction

INTRO LINGUISTICS LING 219 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
8593005  1 TR 2:10-3:30
Note: Course delivery is On-site instruction

INTRO ENGL GRAMMAR LING 220 3 CREDITS
Prereq: ENGL 250
Note: Course delivery is On-site instruction
8594005  1 MWF 11:00-11:50
8594010  2 MWF 2:15-3:05
8594015  3 TR 2:10-3:10
8594020  4 TR 6:10-7:30
8594700  5 ARRANGED

INTRO COMM DISORDER LING 275 3 CREDITS
Prereq: ANTHR 201 RECOMMENDED
Note: Course delivery is On-site instruction
8596005  1 MWF 3:10-4:30 VENKATAGIRI H

INTRO CULTUR&LANGUA LING 309 3 CREDITS
Prereq: ANTHR 201 RECOMMENDED
8599705  1 ARRANGED
Note: Course delivery is Hybrid (Online and F2F)

INTRO ESL MTHDS&MAT LING 318 3 CREDITS
Prereq: ENGL 219 OR LING 219
8996005  1 R 6:10-7:30

INTRO ESL MTHDS&MAT LING 319 3 CREDITS
Prereq: ENGL 200
Note: Course delivery is On-site instruction
9053005  1 TR 2:10-3:30
8053200  2 TR 11:00-12:15
8053205  3 TR 4:10-5:30
8053210  4 TR 7:40-8:55

THEORY OF COMPUTING LING 331 3 CREDITS
Prereq: COM S 228, COM S 229, COM S 330 OR CPR E 310
Note: Course delivery is On-site instruction
8601000  1 MWF 8:50-9:40
8601005  2 R 2:10-3:00
8601010  3 R 3:40-4:30

INTRO SPAN/ENG TRNSL LING 351 3 CREDITS
Prereq: SPAN 301, SPAN 303 OR SPAN 304
Note: Course delivery is WWW
8036700  1 ARRANGED
8036705  2 ARRANGED

IND STU LINGUISTICS LING 490B VAR. CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY
Note: Department permission required
9356700  1 TR 10:10-11:00

IND STU LINGUISTICS LING 490D VAR. CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY
Note: Department permission required
9356700  1 TR 10:10-11:00

Note: Not Open to freshmen or Sophomores

HIST OF ENGLISH LANG LING 423 3 CREDITS
Prereq: ENGL 219, ENGL 220
Note: Course delivery is WWW
8601000  1 MWF 2:15-3:05

HIST OF ENGLISH LANG LING 423 3 CREDITS
Prereq: ENGL 219, ENGL 220
Note: Course delivery is WWW
8601000  1 MWF 2:15-3:05

GRAMMATICAL ANALYSI LING 437 3 CREDITS
Prereq: ENGL 220; JR CLASSIFICATION
8604005  1 TR 12:40-2:00

LANG&RDG DEVEL CHLD LING 471 3 CREDITS
Prereq: CMDIS 275 OR LING 275; CMDIS 471
Note: Course delivery is On-site instruction
8060700  1 TR 11:00-11:50

SPANISH PRONUNCIATN LING 432 3 CREDITS
Prereq: SPAN 301A OR SPAN 301B OR SPAN 304
Note: Course delivery is WWW
3492005  1 MWF 2:15-3:05

LINGUISTICS (CONTINUED)
COMM DISORDER FLDWRK LING 492 1–2 CREDITS
Prereq: CMDIS 371 OR LING 371; CMDIS 471 OR LING 471; CONCURRENT ENROLLMENT IN CMDIS 480A OR 480B OR 485C OR LING 480A OR 480B OR 485C
8958700 1 ARRANGED VENKATAGIRI H
Note: Course delivery is WWW
MEETS: AUG 23-DEC 17

INTR CPRS&APPL LING LING 510 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND LINGUISTICS MAJORS
6450005 1 TR 12:40-1:55 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTR LINGUIST ANALY LING 511 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND LINGUISTICS MAJORS
8616005 1 MW 11:00-12:20 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

LANG ASSESS PRACTM LING 513 3 CREDITS
Prereq: ENGL 519
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
9060005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Instructor permission required.
Course delivery is On-site instruction

MTHD FRML LING ANLY LING 516 3 CREDITS
Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
9071005 1 TR 3:40-5:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TCH 2D LANG PRONUN LING 525 3 CREDITS
Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
Note: COURSE RESTRICTED TO ENGL, LING GRADS ONLY
4479005 1 TR 11:00-12:20 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SPECIFIC PURPO ENGL LING 528 3 CREDITS
Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
Note: COURSE RESTRICTED TO ENGL, LING GRADUATE MAJORS ONLY
9071005 1 W 3:40-4:40PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRA TCH ENG 2ND LNG LING 588 3 CREDITS
Prereq: 9 CREDITS TOWARD THE TESL/CERTIFICATE; 15 CREDITS TOWARD THE TESL/APPLIED LING MASTER’S DEGREE; OR COMPLETION OF ALL OTHER REQUIREMENTS FOR K-12 ESL TEACHER ENROLLMENT
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND LINGUISTICS MAJORS
6550005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SPL TOP TESL/LINGUI LING 590B VAR. CREDITS
Prereq: PERMISSION OF THE GRADUATE STUDIES COMMITTEE ACCORDING TO GUIDELINES AVAILABLE IN THE DEPARTMENT OFFICE

SPL TP APP LING&TEC LING 590G VAR. CREDITS
Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE ACCORDING TO GUIDELINES AVAILABLE IN ENGL DEPT OFFICE

DIR RDG:LING&TECHNL LING 591G VAR. CREDITS
9942005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: SEC 1 TOPIC: LINEAR MODELS IN LINGUISTICS USING R
SEC 2 TOPIC: VALIDATION OF LANGUAGE ASSESSMENTS
6567005 1 MW 2:15-3:35 MEETS: AUG 23-DEC 17
Note: SEC 1 TOPIC: TEST DEVELOPMENT
Course delivery is On-site instruction
MANAGEMENT (CONTINUED)

ORGANIZATIONAL BEHAVIOR MGMT 371 3 CREDITS
Prereq: MGMT 370 or MGMT 371
Note: Course delivery is On-line instruction

05283085 K1 MWF 11:00-12:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

05283090 K2 MWF 11:00-12:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

05283095 L3 ARRANGED
CHAMBERLIN M
MEETS: AUG 23-DEC 17
Note: SEC L3 RESTRICTED TO UNDERGRAD MAJORS OTHER THAN P BUS.
Course delivery is WWW

05283075 L4 ARRANGED
CHAMBERLIN M
MEETS: AUG 23-DEC 17
Note: SEC L4 RESTRICTED TO UNDERGRAD MAJORS OTHER THAN P BUS.
Course delivery is WWW

05283070 L5 ARRANGED
BELLEGANTE-KOMOD
MEETS: AUG 23-DEC 17
Note: SEC L5 RESTRICTED TO UNDERGRAD MAJORS OTHER THAN P BUS.
Course delivery is WWW

RESPONSIBILITY MGT BSNS MGMT 372 3 CREDITS
Prereq: 
Note: SEC 2, 3, 5, 6, 8, 9, 10, 11 RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS ONLY. NOT OPEN TO P BUS.

7048005 1 TR 2:10-3:25
CROXDALE J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7048010 2 TR 8:00-9:15
CROXDALE J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7048015 3 MWF 11:00-12:15
CROXDALE J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7048020 4 T 6:40-9:25PM
WATT J
MEETS: AUG 23-DEC 17
Note: SEC 4 RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS ONLY.
Course delivery is On-site instruction

7048025 5 TR 3:40-4:55
CROXDALE J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-line instruction

7048030 6 MWF 11:00-12:00
WATT J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7048035 7 MWF 12:00-1:10
WATT J
MEETS: AUG 23-DEC 17
Note: SEC 7 RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS ONLY.
Course delivery is On-site instruction

7048040 8 MWF 1:10-2:00
THOMAS C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7048045 9 MWF 2:05-3:15
THOMAS C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7048700 10 ARRANGED
WO X
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

7048705 11 ARRANGED
WO X
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

INTERNATIONAL MGMT MGMT 414 3 CREDITS
Prereq: MGMT 370 or MGMT 371
Note: COURSE RESTRICTED TO SENIORS IN THE COLLEGES OTHER THAN BUSINESS.

5285015 A1 TR 8:00-9:15
GORDILLO M
MEETS: AUG 23-DEC 17
Note: COURSE RESTRICTED TO UNDERGRAD BUS MAJORS OTHER THAN P BUS.

5285020 A2 TR 8:00-9:15
GORDILLO M
MEETS: AUG 23-DEC 17
Note: SEC A2 RESTRICTED TO ACCT, ACSCI, BU AN, BUS U, BUSEC, ENTSF, FIN, MGMT, MIS, MKT, SCM JRS.
Course delivery is On-line instruction

5285025 B3 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC B3 RESTRICTED TO UNDERGRAD MAJORS OTHER THAN P BUS.
Course delivery is WWW

5285030 B4 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC B4 RESTRICTED TO UNDERGRAD MAJORS OTHER THAN P BUS.
Course delivery is WWW

NEGOTIATION & CONFLICT RESO MGMT 422 3 CREDITS
Prereq: MGMT 370 or MGMT 371
Note: Course delivery is On-site instruction

0320005 A1 MWF 11:00-12:15
BHATTACHARYYA R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

0320010 A2 MWF 11:00-12:15
BHATTACHARYYA R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MANAGEMENT (CONTINUED)

LDRSHIP & CHANGE MGMT MGMT 470X 3 CREDITS
Prereq: MGMT 370 or MGMT 371
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS EXCEPT P BUS.

0833005 1 M 7:45-8:35, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PERSONAL RESOURC MGMT MGMT 471 3 CREDITS
Prereq: MGMT 371
Note: SEC A1,B1 RESTRICTED TO ACCT, ACSCI, BU AN, BUS U, BUSEC, ENTSF, FIN, MGMT, MIS, MKT, SCM JRS. SEC A2,B2 RESTRICTED TO SRS & SPECIAL STUDENTS IN COLLEGES OTHER THAN BUSINESS.

5293005 A1 TR 11:00-12:15
SCHOUTEN M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

5293010 A2 TR 11:00-12:15
SCHOUTEN M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

5293015 B1 TR 12:40-1:55
SCHOUTEN M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

5293020 B2 TR 12:40-1:55
SCHOUTEN M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

5293025 C1 MWF 2:15-3:35
CYRIAC-PATTATHIL
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

5293030 C2 MWF 2:15-3:35
CYRIAC-PATTATHIL
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MANAGE OF DIVERSITY MGMT 472 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD SEC A1, B1 RESTRICTED TO ACCT, ACSCI, BU AN, BUS U, BUSEC, ENTSF, FIN, MGMT, MIS, MKT, SCM JRS.

4444005 A1 MWF 9:55-10:45
GORDILLO M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

4444010 A2 MWF 9:55-10:45
GORDILLO M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

4444015 B1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

4444020 B2 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

ADV HUMN RSRC Mgmt I MGMT 473 3 CREDITS
Prereq: MGMT 371
Note: COURSE RESTRICTED TO UNDERGRAD BUS MAJORS OTHER THAN P BUS.

0324005 1 TR 11:00-12:15
HOWER M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

EMPLOY COMP&BENEFIT MGMT 474X 3 CREDITS
Prereq: MGMT 471
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS.

0521005 1 TR 5:10-6:25PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

EMPLWNT LAW FOR HR Mgmt 475X 3 CREDITS
Prereq: ACCT 215, MGMT 471
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS EXCEPT P BUS.

0585005 1 MWF 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TALENT MANAGEMENT MGMT 476X 3 CREDITS
Note: COURSE RESTRICTED TO ACCT, ACSCI, BU AN, BUS U, BUSEC, ENTSF, FIN, MGMT, MIS, MKT, SCM JRS.

0588005 1 R 6:40-10:00PM
MEETS: SEPT 2-NOV 18
Note: Course delivery is On-site instruction

STRATEGIC MGMT MGMT 479 3 CREDITS
Prereq: ACCT 285, FIN 301, MGMT 370 or MGMT 371, MGMT 340, SCM 301 and SENIOR CLASSIFICATION
Note: COURSE RESTRICTED TO SENIORS IN THE COLLEGE OF BUSINESS

5294005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

5294010 2 TR 10:15-10:45
BHUSAR M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

5294015 3 TR 11:00-12:15
BHUSAR M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

5294020 4 TR 2:10-3:25
HUANG Y
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
STRATEGIC MANAGEMENT  MGMT 478  3 CREDITS
5294025  5 MWF 1:10-2:00  BHATTACHARYYA R
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction.

5294030  6 TR 3:40-4:55  HUANG Y
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction.

5294035  7 MWF 11:00-11:50  SUMMERS J
MEETS: AUG-23-DEC 17
Note: Course delivery is Online instruction

5294040  8 ARRANGED  WRIGHT A
MEETS: AUG-23-DEC 17
Note: Course delivery is WWW

5294045  9 ARRANGED  WRIGHT A
MEETS: AUG-23-DEC 17
Note: Course delivery is WWW

5294700  10 ARRANGED  WRIGHT A
MEETS: AUG-23-DEC 17
Note: Course delivery is WWW

INDEPENDENT STUDY  MGMT 490  1- 3 CREDITS
Prereq: SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION.
****** SEE DEPT FOR REFERENCE NUMBERS

ORGANIZATIONAL BEHAVIOR  MGMT 502  3 CREDITS
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
Note: COURSE RESTRICTED TO BUSAD MAJORS ONLY
9338005  1 MW 7:30-10:50  SUMMERS J
MEETS: AUG-30-OCT 6
Materials and equipment use fee $189.00

9338700  2 M 5:30-9:10PM  SUMMERS J
MEETS: AUG-30-OCT 6
Note: FOR PERMISSION TO REGISTER, CONTACT DEBBIE JOHNSON, DLOJHNS@IASTATE.EDU, 515-254-5133
CLASS WILL MEET MONDAYS FROM 5:50PM TO 9:10PM.
Course delivery is On-site instruction
Course delivery is WWW
Materials and equipment use fee $189.00

9338701  3 TR 8:00-9:50  SUMMERS J
MEETS: AUG-23-DEC 17
Note: Department permission required.
Course delivery is WWW
Materials and equipment use fee $189.00

PRO RSPNSBLTY BSNS  MGMT 503  3 CREDITS
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION, ACCT 501, FIN 501, MGMT 502, MGT 501
Note: COURSE RESTRICTED TO BUSAD MAJORS ONLY
3816005  1 TR 7:30-10:50  JOHNSON S
MEETS: AUG-31-OCT 7
Note: FOR PERMISSION TO REGISTER, CONTACT DEBBIE JOHNSON, DLOJHNS@IASTATE.EDU, 515-254-5133
CLASS WILL MEET MONDAYS FROM 5:50PM TO 9:10PM.
Department delivery is Hybrid (Online and F2F)
Course delivery is WWW
Materials and equipment use fee $189.00

3816700  2 T 5:50-9:10PM  JOHNSON S
MEETS: AUG-31-OCT 7
Note: FOR PERMISSION TO REGISTER, CONTACT DEBBIE JOHNSON, DLOJHNS@IASTATE.EDU, 515-254-5133
CLASS WILL MEET MONDAYS FROM 5:50PM TO 9:10PM.
Department delivery is Hybrid (Online and F2F)
Course delivery is WWW
Materials and equipment use fee $189.00

STRATEGIC MANAGEMENT  MGMT 504  3 CREDITS
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION, ACCT 501, FIN 501, MGMT 502, MGT 501
Note: COURSE RESTRICTED TO BUSAD MAJORS ONLY
3817005  1 TR 7:30-10:50  HERRMANN P
MEETS: OCT-12-NOV 18
Note: Course delivery is On-site instruction
Materials and equipment use fee $189.00

3817700  2 TR 5:50-9:10PM  HERRMANN P
MEETS: OCT-12-NOV 18
Note: FOR PERMISSION TO REGISTER, CONTACT DEBBIE JOHNSON, DLOJHNS@IASTATE.EDU, 515-254-5133
CLASS WILL MEET TUESDAYS AND THURSDAYS FROM 5:50PM TO 9:10PM.
Department delivery is On-site instruction
Course delivery is WWW
Materials and equipment use fee $189.00

LEADERSHIP  MGMT 523X  3 CREDITS
Prereq: ENROLLMENT IN MBA PROGRAM OR PERMISSION OF INSTRUCTOR
0815005  1 ARRANGED  SUMMERS J
MEETS: NOV-29-JAN 6
Note: SEC 1 WILL BE TAUGHT AT DES MOINES, DES MOINES, IA 50309 8TH FF DATES: 11/25, 12/1, 12/6, 12/8, 12/13, 12/15, 1/3, 1/5 WITH ONLINE COMPONENT
Course delivery is Hybrid (Online and F2F)
Taught in, or in by DES MOINES
<table>
<thead>
<tr>
<th>COURSE</th>
<th>CRN</th>
<th>DAYS</th>
<th>START TIME</th>
<th>END TIME</th>
<th>INSTRUCTOR</th>
<th>ROOM</th>
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</thead>
<tbody>
<tr>
<td>DATABASE MGT SYSTMS</td>
<td>MIS 320</td>
<td>3 CREDITS</td>
<td>Note: Course delivery is On-site instruction</td>
<td></td>
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<tr>
<td>PROJECT MANAGEMENT</td>
<td>MIS 340</td>
<td>3 CREDITS</td>
<td>Note: Course delivery is On-site instruction</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>INTRO BSNSS ANALYCS</td>
<td>MIS 436</td>
<td>3 CREDITS</td>
<td>Note: Course delivery is On-site instruction</td>
<td></td>
<td></td>
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<tr>
<td>SUPPLY CHAIN INFO SY</td>
<td>MIS 440</td>
<td>3 CREDITS</td>
<td>Note: Course delivery is On-site instruction</td>
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</tbody>
</table>
### MANAGEMENT INFORMATION SYSTEMS

#### ENTERPRISE SYS&ARCH
- **MIS 445 3 CREDITS**
  - Prereq: MIS 301
  - Note: Course restricted to undergraduate business majors only, not P Bus
  - 7696005 1 TR 12:40-1:35 BURNLEY J
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction

#### ADV BUSINESS ANALYTIC
- **MIS 446 3 CREDITS**
  - Prereq: MIS 320 OR ACCT 384, AND PR- OR CO-REQUISITE OF STAT 336
  - 9113005 A1 MW 3:45-5:00 ZHANG W
  - MEETS: AUG 23-DEC 17
  - Note: SEC A1 restricted to BU AN, MIS, SCM majors
  - Course delivery is On-site instruction
  - 9113010 A2 MW 3:45-5:00 ZHANG W
  - MEETS: AUG 23-DEC 17
  - Note: SEC A2 restricted to ACCT, ACSCI, Bus S, Bus U, BUSEC, ENTPS, FIN, MGMT, MKT, MJ MAJORS only
  - Course delivery is On-site instruction

#### ERP SYS&SUPPLY CHAIN
- **MIS 450 3 CREDITS**
  - Prereq: SCM 301, MIS 301 OR 1 R 148, E 1 341
  - Note: Graduate students go to 1200 GERDIN for permission to add
  - 6653005 1 MWF 9:35-10:45 KONKNE E
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction

#### INDEPENDENT STUDY
- **MIS 490 1-3 CREDITS**
  - Prereq: MIS 301, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
  - Note: Department permission required.
  - ****** SEE DEPT FOR REFERENCE NUMBERS

#### CASE PRACTICUM
- **MIS 495 3 CREDITS**
  - Prereq: MIS 301
  - Note: Course restricted to MIS MAJORS only
  - Course will meet Monday in a classroom with the remainder of the course content arranged
  - 7819005 1 M 5:30-6:45PM BURNLEY J
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is Hybrid (Online and F2F)

#### MANAGEMENT INFO SYSTEM
- **MIS 501 3 CREDITS**
  - Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION
  - Note: Course restricted to ACCT, FIN, SCIS graduate majors only
  - Department permission required.
  - 9126035 5 TR 11:00-12:15 ZHANG W
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction
  - 9126040 4 TR 9:30-10:45 YUAN L
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction
  - 9126050 3 MWF 12:05-12:55 KOHNKE E
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction
  - 9126065 2 MWF 8:50-9:40 SCHEIBE K
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction

#### BIG DATA BUSINESS
- **MIS 515 3 CREDITS**
  - Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION
  - 9742005 1 M 6:40-10:00PM LORA A
  - MEETS: AUG 30-NOV 15
  - Note: Course delivery is On-site instruction

#### DATA MGT DECISION MAK
- **MIS 533 3 CREDITS**
  - Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION
  - Note: Restricted to business college graduate students
  - 2271700 1 ARRANGED YUAN L
  - MEETS: AUG 23-DEC 17
  - Note: Restricted to business college graduate students.
  - Course delivery is WWW

#### NETWORK/INFO SEC MGT
- **MIS 535 3 CREDITS**
  - Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION
  - Note: Restricted to business college graduate students
  - 8679700 1 ARRANGED HELMER G
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction

#### FOUND VSNSS ANALYTICS
- **MIS 536 3 CREDITS**
  - Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION
  - Note: Restricted to business college graduate students
  - 4234005 1 T 6:40-10:00PM ZHANG Z
  - MEETS: AUG 31-NOV 16
  - Note: Course delivery is On-site instruction
  - 4234700 2 ARRANGED YUAN L
  - MEETS: AUG 23-DEC 17
  - Note: Department permission required.
  - Course delivery is WWW
  - Taught at, in or by DES MOINES

### MANAGEMENT INFORMATION SYSTEMS

#### PROJECT MANAGEMENT
- **MIS 537 3 CREDITS**
  - Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION
  - Note: Restricted to business college graduate students
  - 2187005 1 W 6:40-10:00PM BEARD J
  - MEETS: AUG 23-NOV 17
  - Note: Course delivery is On-site instruction

#### SO Soc MDA SNS APSS
- **MIS 544 3 CREDITS**
  - Prereq: MIS 536
  - Note: Restricted to business college graduate students
  - 5603700 1 ARRANGED
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is WWW

#### APP MACHN LRN VSNSS
- **MIS 549 3 CREDITS**
  - Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION
  - 0265700 1 ARRANGED SCHEIBE K
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is WWW

#### SPECIAL TOPICS
- **MIS 590 1-3 CREDITS**
  - Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION
  - ****** SEE DEPT FOR REFERENCE NUMBERS

#### MARKETING

#### PRIN OF MARKETING
- **MKT 340 3 CREDITS**
  - Prereq: CREDIT OR ENROLLMENT IN ECON 101
  - Note: SEC 1-9 & 11 are restricted to ACCT, ACSCI, AG B, AG SO, AN S, AS, AST, BU AN, BUS S, BUS U, BUSEC, DS, ENTPS, FIN, FS A, HORT, I TEC, MGMT, MIS, MKT, P S A, SCM undergrads. Grad students go to 1200 GERDIN for permission to add.
  - 5352005 1 TR 2:10-3:25
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction
  - 5352010 2 MWF 10:00-11:00
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction
  - 5352015 3 TR 8:00-9:15
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction
  - 5352020 4 TR 9:30-10:45
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction
  - 5352025 5 TR 11:00-12:15
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction
  - 5352030 6 MWF 11:00-12:15
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction
  - 5352035 7 MWF 1:15-3:15
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction
  - 5352040 8 MWF 12:00-12:15
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction
  - 5352045 9 TR 3:40-4:55
  - MEETS: AUG 23-DEC 17
  - Note: Course delivery is On-site instruction
  - 5352050 10 TR 12:40-1:55
  - MEETS: AUG 23-DEC 17
  - Note: SEC 10 restricted to majors other than ACCT, ACSCI, AG B, AG SO, AN S, AS, AST, BU AN, BUS S, BUS U, BUSEC, CEC, DS, ENTPS, FIN, FS A, HORT, I TEC, MGMT, MIS, MKT, P S A, SCM undergrads. Grad students go to 1200 GERDIN for permission to add.

Note: Credit or enrollment in ECON 101.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Notes</th>
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<tr>
<td>MKT 340</td>
<td>MKT</td>
<td>3</td>
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<tr>
<td>5352055</td>
<td>TR</td>
<td>12:40-1:35</td>
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<td>Note: Course delivery is On-site instruction. MEETS: AUG 23-DEC 17.</td>
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<td>5352700</td>
<td>B2</td>
<td>8:00-9:15</td>
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<td>Note: Course delivery is On-site instruction. MEETS: AUG 23-DEC 17.</td>
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<td>5359020</td>
<td>B2</td>
<td>3:45-5:00</td>
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<td>Note: Course delivery is On-site instruction. MEETS: AUG 23-DEC 17.</td>
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<tr>
<td>5359015</td>
<td>A2</td>
<td>2:15-3:30</td>
<td></td>
<td>Note: Course delivery is On-site instruction. MEETS: AUG 23-DEC 17.</td>
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<tr>
<td>5358005</td>
<td>A1</td>
<td>11:00-12:15</td>
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<td>Note: Course delivery is On-site instruction. MEETS: AUG 23-DEC 17.</td>
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<tr>
<td>5362010</td>
<td>A2</td>
<td>2:15-3:30</td>
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<td>Note: Course delivery is On-site instruction. MEETS: AUG 23-DEC 17.</td>
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<tr>
<td>5362005</td>
<td>B1</td>
<td>11:00-12:15</td>
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<td>Note: Course delivery is On-site instruction. MEETS: AUG 23-DEC 17.</td>
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<td>5360010</td>
<td>A2</td>
<td>3:45-5:00</td>
<td></td>
<td>Note: Course delivery is On-site instruction. MEETS: AUG 23-DEC 17.</td>
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<tr>
<td>5360005</td>
<td>B2</td>
<td>2:15-3:30</td>
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<td>Note: Course delivery is On-site instruction. MEETS: AUG 23-DEC 17.</td>
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<tr>
<td>5358015</td>
<td>A1</td>
<td>1:10-2:00</td>
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<td>Note: Course delivery is On-site instruction. MEETS: AUG 23-DEC 17.</td>
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<tr>
<td>5358010</td>
<td>A2</td>
<td>12:40-1:55</td>
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<td>Note: Course delivery is On-site instruction. MEETS: AUG 23-DEC 17.</td>
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<td>5359010</td>
<td>A2</td>
<td>7:45-8:35</td>
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<td>Note: Course delivery is On-site instruction. MEETS: AUG 23-DEC 17.</td>
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</table>

**SERVICES MARKETING MKT 351 3 CREDITS**

**CNSULTATV PROB SOLV MKT 367 3 CREDITS**

**FRIND MARKETING MKT 362 3 CREDITS**

**SPRDHS-B S MKT ANLYT MKT 368 3 CREDITS**

**PROMOTIONAL STRATEG MKT 410 3 CREDITS**

**SALES MANAGEMENT MKT 442 3 CREDITS**

**GLOBAL MARKETING MKT 448 3 CREDITS**

**CONSUMER BEHAVIOR MKT 447 3 CREDITS**

**CONSUMER RELATN MKT 445 3 CREDITS**

**CUSTOMER RELATN MKT 444 3 CREDITS**

**SOC MDIA MKT STRATG MKT 361 3 CREDITS**

**DIGITAL MARKETING MKT 363 3 CREDITS**

**PRIN OF MARKETING MKT 340 3 CREDITS**

**STRATEGIC MKTNG MKT 443 3 CREDITS**

**BUSINESS STUDENTS ONLY. NOT OPEN TO P BUS. GRADUATE STUDENTS ONLY. NOT OPEN TO P BUS.**

**MARKTG RSEARCH TCNQ MKT 444 3 CREDITS**

**BUSINESS STUDENTS ONLY. NOT OPEN TO P BUS. GRADUATE STUDENTS ONLY.**

**SALES MANAGEMENT MKT 442 3 CREDITS**

**PRIN OF MARKETING MKT 340 3 CREDITS**

**GLOBAL MARKETING MKT 448 3 CREDITS**

**CONSUMER BEHAVIOR MKT 447 3 CREDITS**

**PRIN OF MARKETING MKT 340 3 CREDITS**

**BUSINESS STUDENTS ONLY. NOT OPEN TO P BUS.**

**PRIN OF MARKETING MKT 340 3 CREDITS**

**GLOBAL MARKETING MKT 448 3 CREDITS**

**CONSUMER BEHAVIOR MKT 447 3 CREDITS**

**PRIN OF MARKETING MKT 340 3 CREDITS**

**BUSINESS STUDENTS ONLY. NOT OPEN TO P BUS.**

**PRIN OF MARKETING MKT 340 3 CREDITS**

**GLOBAL MARKETING MKT 448 3 CREDITS**

**CONSUMER BEHAVIOR MKT 447 3 CREDITS**

**PRIN OF MARKETING MKT 340 3 CREDITS**

**BUSINESS STUDENTS ONLY. NOT OPEN TO P BUS.**
MATERIALS ENGINEERING (CONTINUED)

STRUCTURAL CHARAC MAT MAT E 214 3 CREDITS
Prereq: MAT E 215, PHYS 221
6330005 1 MW 10:00-11:50
R 11:00-12:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use fee $50.00
6330010 2 MW 1:00-2:50
T 12:00-1:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use fee $50.00
INTRO MTRLRS SCI & E MAT E 215 3 CREDITS
Prereq: MATH 165; CHEM 101 OR CHEM 102
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 217,
MAT E 302, RESTRICTED TO MAT E MAJORS
7495005 1 MFN 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
INTRO MTRLRS SCI & E LAB I MAT E 215L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN MAT E 215 OR
MAT E 217 OR MAT E 302; MAJOR IN MATERIALS ENGINEERING
Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
7496005 1 W 3:20-5:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use fee $40.00
7496010 2 T 3:30-5:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use fee $40.00
7496015 3 R 3:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use fee $40.00
INTRO MTRLRS SCI & E II LAB II MAT E 216L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN MAT E 215
2904005 1 R 9:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
GLOBAL SUSTAINABILITY MAT E 220 3 CREDITS
Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220
MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT
TOWARD ANY ENGINEERING COLLEGE DEGREE
2904010 2 T 9:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
PRIN MTRLRS SCI & E ENG MAT E 273 3 CREDITS
Prereq: CHEM 163 OR CHEM 165; MATH 165
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 217,
MAT E 302; RESTRICTED TO MAT E MAJORS
SPECIAL TOPICS MAT E 210 3 CREDITS
Prereq: SEC A2, SEC B2, ETC. FOR ALL OTHER COLLEGES UNDERGRADS.
0024005 A1 MWF 8:50-10:40, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)
0024010 A2 MWF 8:50-10:40, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)
0024020 B1 MWF 11:00-11:50
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)
0024025 B2 MWF 11:00-11:50
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)
SALES & DISTRIBUTION STRATG MAT E 451 3 CREDITS
Prereq: MAT E 340
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS, NOT OPEN TO P BUS MAJORS
5823005 1 TR 3:40-4:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
BRAND MANAGEMENT MAT E 453 3 CREDITS
Prereq: MAT E 447
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS, NOT OPEN TO P BUS MAJORS
5127005 1 TR 2:10-3:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5127010 2 TR 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
ENTREPRENEUR MARKET MAT E 454X 3 CREDITS
Prereq: MAT E 340
Note: COURSE RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS SOPHOMORE AND ABOVE. NOT OPEN TO P BUS.
0539005 1 TR 9:55-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
TECH, GLOBAL & CULTUR MAT E 484 3 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION
Note: Meets international perspectives regmt
0838005 1 W 5:10-7:30PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
0838700 2 W 5:10-7:30PM
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
INDEPENDENT STUDY MAT E 490 1-3 CREDITS
Prereq: MAT E 447;
Note: Permission of instructor
*******
SLS CASE COMPETITIONS MAT E 495 3 CREDITS
Prereq: MAT E 340
Note: COURSE RESTRICTED TO UNDERGRAD MAJORS
0327005 1 MW 5:30-6:45PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
CONSUMER BEHAVIOR MAT E 547 3 CREDITS
Prereq: MAT E 501 AND GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS.
7170005 1 TR 6:40-9:00PM
MEETS: AUG 31-NOV 16
Note: Course delivery is On-site instruction
SPECIAL TOPICS MAT E 590 1-3 CREDITS
Prereq: Permission of Instructor
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
*******
LARGE COUNTY SEMINAR MAT E 101 R CREDIT
Prereq: ENROLLMENT IN MATERIALS SCIENCE AND ENGINEERING LEARNING COMMUNITY
Satisfactory-Fail Only.
7650005 1 R 9:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7650010 2 R 9:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
MATERIALS ENGINEERING (CONTINUED)

MATERIALS ENGINEERING (CONTINUED)

THERODYN dyn Mat E 311 3 CREDITS
Prereq: Chem 178, Mat E 215 or Mat E 273 or
Mat E 392, and Credit or Enrollment in Mat E 216 and
Math 267.
6316005 1 MWF 9:55-10:45
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

INTR ELEC PROP Matl Mat E 317 3 CREDITS
Prereq: Mat E 216 and Phys 232
Note: Course restricted to Mat E Majors only
7500005 1 MWF 1:10-2:00
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

INTRO CERAMIC SCIEN Mat E 321 3 CREDITS
Prereq: Mat E 216
Note: Course restricted to Mat E Majors only.
6591005 1 MWF 8:50-9:40
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

SEMICON MTRLS & DEVICES Mat E 332 3 CREDITS
Prereq: Phys 232 and Phys 232L; Mat E Majors;
Mat E 317; Cpr E and E E Majors: E E 230
6597005 1 TR 12:40-1:35
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

METALS PROCESSING Mat E 341 3 CREDITS
Prereq: Mat E 214; and Mat E 215 or Mat E 273 or
Mat E 392
Note: Course restricted to Mat E Majors only.
2910055 1 MWF 3:20-4:10
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

PRIN NONDESTR TEST Mat E 362 3 CREDITS
Prereq: Phys 112 or Phys 232
5045005 1 MWF 9:55-10:45
BOND L
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction
5045700 2 ARRANGED
BOND L
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

NONDESTRUCT TEST LAB Mat E 362L 1 CREDIT
Prereq: Credit or Enrollment in Mat E 362
5046005 1 T 12:10-1:00
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction
5046010 2 R 12:10-1:00
BOND L
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

COOPERATIVE EDUC Mat E 398 R CREDIT
Prereq: Permission of Department and Engineering
Career Services
Satisfactory-Fail Only.

*** SEE DEPT FOR REFERENCE NUMBERS

PRO PRACTICE I Mat E 413 3 CREDITS
Prereq: Senior Classification; Mat E 413-414
Sequence intended for students in the final two
semesters before graduation
6628005 1 MWF 2:15-3:05
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

PRO PRACTICE II Mat E 414 3 CREDITS
Prereq: Mat E 413
6650005 1 MWF 2:15-3:05
ARRANGED
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction
Equipment use fee $340.00

MECHANICAL BEHAV Mat E 418 3 CREDITS
Prereq: Mat E 216; Credit or Enrollment in
Mat E 313
6585005 1 MWF 12:00-12:55
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

MAGNETIC/MAGN MatrLs Mat E 419 3 CREDITS
9799005 1 MWF 2:15-3:05
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

MATERIALS ENGINEERING (CONTINUED)

GLASS SCI & ENGINEER Mat E 425 3 CREDITS
Prereq: Mat E 214, Mat E 321
7501005 1 MN 7:45-8:35
T 9:00-10:50
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction
Equipment use fee $120.00

MICROELEC FABRICATN Mat E 432 4 CREDITS
Prereq: Phys 232 and Phys 232L; Mat E Majors:
Mat E 317; Cpr E and E E Majors: E E 230
6677005 1 MW 12:05-12:55
ARRANGED
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

PHYS MET FERR ALLOY Mat E 443 3 CREDITS
Prereq: Mat E 214; Mat E 215 or Mat E 273 or
Mat E 392
1172005 1 MWF 11:00-11:50
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

CORROS/NFAILUR Anal Mat E 444 3 CREDITS
Prereq: Mat E 214; Mat E 215 or Mat E 273 or
Mat E 392
6680700 1 ARRANGED
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction
Equipment use fee $120.00

SCAN/AUGER MICRSCP Mat E 452 3 CREDITS
Prereq: Phys 232
0413005 1 MN 1:10-2:00
M 3:20-5:10
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction
Equipment use fee $75.00
0413010 2 MN 1:10-2:00
W 3:20-5:10
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction
Equipment use fee $75.00
0413700 3 ARRANGED
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction
Equipment use fee $75.00

PHYS/MC PROPRT POLYM Mat E 453 3 CREDITS
Prereq: Phys 232
6681005 1 TR 11:00-11:50
T 3:10-6:00PM
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction
Equipment use fee $60.00
6681010 2 TR 11:00-11:50
R 3:10-6:00PM
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction
Equipment use fee $60.00

BIOMATERIALS Mat E 456 3 CREDITS
Prereq: Chem 178; Mat E 216 or Mat E 272
8768005 1 MWF 8:50-9:40
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

MULTIDISC ENGR DSGN Mat E 466 3 CREDITS
Prereq: Course to be taken within 2 semesters
of graduation, permission of Instructor
1740005 1 MN 3:20-5:10
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

EDDY CURRENT NDE Mat E 488 3 CREDITS
Prereq: Mat E 216 or Mat E 273 or E E 311 or
Phys 344
5821005 1 MWF 9:55-10:45
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

HONORS INDEP STUDY Mat E 490H VAR CREDITS
Prereq: Requires an approved proposal to the
College of Engineering Honors Committee
SEE DEPT FOR REFERENCE NUMBERS

UNDERGR BS/RCH OPPRT Mat E 499 R CREDIT
Prereq: Permission of Instructor
Satisfactory-Fail Only.
SEE DEPT FOR REFERENCE NUMBERS
FUND STRCACHM MATRL  M S E 510  3 CREDITS
Prereq: MATH 165, PHYS 221, CHEM 167
5610005  TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MAGNETISM MGN MATRLS  M S E 519  3 CREDITS
Prereq: E 411 or PHYS 347 or PHYS 364
6254005  1 MF 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

THRM MLTICMP MTRL  M S E 520  3 CREDITS
Prereq: MAT 311 or CHEM 321, MATH 266 or MATH 362
5611005  1 MF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MICROEL FABRIC TCHQ  M S E 532  4 CREDITS
Prereq: PHYS 232 and PHYS 232L; MAT E MAJORS: R E MAT E 317; CEE E 315 and E E MAJORS: K E 230
0455005  1 MW 12:05-12:55
ARRANGED
MEETS: AUG 23-DEC 17
Note: MATERIALS FEE: $300.00
Course delivery is On-site instruction

SCANNAUGER MICRSCPY  M S E 552  3 CREDITS
Prereq: PHYS 222
5092005  1 MW 1:10-2:00
M 3:20-5:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use fee $375.00

5092010  2 MW 1:10-2:00
W 4:30-6:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use fee $375.00

5092700  3 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
Equipment use fee $75.00

PHY4MC PROFRT POLYM  M S E 553  3 CREDITS
Prereq: PHYS 222
8701005  1 TR 11:00-11:50
T 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

8701010  2 TR 11:00-11:50
R 3:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

BIOMATERIALS  M S E 556  3 CREDITS
Prereq: CHEM 178; MAT E 216 or MAT E 272 or MAT E 392
5091005  1 MF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

EDDY CURRENT NDE  M S E 588  3 CREDITS
Prereq: MAT E 216 or MAT E 273 or E 311 or PHYS 364
5895005  1 MF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SPECIAL TOPICS  M S E 590  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******  SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  M S E 599  VAR. CREDITS
******  SEE DEPT FOR REFERENCE NUMBERS

MATERIALS SEMINAR  M S E 601  1 CREDIT
Prereq: GRADUATE STANDING IN THE M S E DEPARTMENT
Satisfactory-Fail Only.
6399005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV TOPICS MATRL SC  M S E 690  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******  SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP  M S E 697  R CREDIT
Prereq: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN
Satisfactory-Fail Only.
4307005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Department permission required.
MEETS: AUG 23-DEC 17
MW 3:20-4:10
MEETS: AUG 23-DEC 17
7342085  17 TR 4:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

APPLIED TRIGONOMETRY MATH 145  3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA; 1 YEAR OF HIGH SCHOOL GEOMETRY OR MINIMUM OF C- IN MATH 140
Note: ONLY ONE OF MATH 143 AND MATH 145 MAY COUNT TOWARD GRADUATION
9173005  1 MF 7:45-8:35
W 7:45-8:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9173010  2 MF 7:45-8:35
W 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9173015  3 MF 7:45-8:35
W 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9173020  4 MF 7:45-8:35
W 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9173025  5 MF 7:45-8:35
W 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9173030  6 MF 7:45-8:35
W 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

DISC MATH BUS&SOC S MATH 150  3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY
Note: COURSE IS A WEB-BASED LECTURE. TESTS ARE OFFERED ONLY IN MATHEMATICS COMPUTER LABS IN CARVER HALL.
.NUMBER SCHEDULED HOUR IS FOR LAB SESSIONS ONLY. CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. MATH 150 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
5135005  1 ARRANGED, M 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://orion.math.iastate.edu/mathbus/ap/current
5135010  2 ARRANGED, M 9:55-10:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://orion.math.iastate.edu/mathbus/ap/current
5135015  3 ARRANGED, M 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://orion.math.iastate.edu/mathbus/ap/current
5135020  4 ARRANGED, M 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://orion.math.iastate.edu/mathbus/ap/current
5135025  5 ARRANGED, M 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://orion.math.iastate.edu/mathbus/ap/current
5135030  6 ARRANGED, M 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://orion.math.iastate.edu/mathbus/ap/current
5135035  7 ARRANGED, M 3:20-4:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://orion.math.iastate.edu/mathbus/ap/current
5135040  8 ARRANGED, M 4:25-5:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://orion.math.iastate.edu/mathbus/ap/current
5135045  9 ARRANGED, M 5:30-6:20PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://orion.math.iastate.edu/mathbus/ap/current
5135050  10 ARRANGED, T 8:00-8:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Section info: http://orion.math.iastate.edu/mathbus/ap/current

MATHEMATICS (CONTINUED)
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Note: Course delivery is On-site instruction.
### MATHEMATICS I

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**Note:** Course delivery is On-site instruction. MEETS: AUG 23-DEC 17

### CALCULUS II

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<td>5138055</td>
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**Note:** Course delivery is On-site instruction. MEETS: AUG 23-DEC 17

### FALL 2021

**MATH 165**

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<td>5138170</td>
<td>34</td>
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<td>3:20-4:10</td>
<td>Room 101</td>
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<td>5138175</td>
<td>35</td>
<td>MWF</td>
<td>3:20-4:10</td>
<td>Room 101</td>
<td>Instructor 8</td>
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**Note:** Course delivery is On-site instruction. MEETS: AUG 23-DEC 17

**MATH 166**

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<td>3:20-4:10</td>
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<td>5138185</td>
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<td>3:20-4:10</td>
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**Note:** Course delivery is On-site instruction. MEETS: AUG 23-DEC 17

**MATH 198**

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<td>5138195</td>
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<td>9:55-10:45</td>
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**Note:** Course delivery is On-site instruction. MEETS: AUG 23-DEC 17

### NIGHT EXAMS

Night exams scheduled. For dates go to [http://www.registrar.iastate.edu/students/exams/](http://www.registrar.iastate.edu/students/exams/)

**Prereq:** GRADE OF C- OR BETTER IN MATH 165 OR HIGH MATH PLACEMENT SCORES

**Note:** ONLY ONE OF MATH 151, MATH 160, OR THE SEQUENCE MATH 150-166 MAY BE COUNTED TOWARDS GRADUATION

**Prereq:** SEC 1 RESTRICTED TO MATH & STAT MAJORS ONLY

**Note:** SEC 2 RESTRICTED TO MATH MAJORS ONLY

**Note:** Course delivery is On-site instruction. MEETS: AUG 23-DEC 17

**Note:** Course delivery is On-site instruction. MEETS: AUG 23-DEC 17

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<td>CALCULUS II</td>
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<td>MWF 1:10-2:00</td>
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<td>MWF 8:50-9:40</td>
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<td>MWF 12:05-12:55</td>
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Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/

COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X, MATH 269. Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/

DIFF EQ & TRANSFMS MATH 267 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X, MATH 269.

CALCULUS III MATH 265 4 CREDITS
Note: SEC 7 RESTRICTED TO MATH, STAT MAJORS ONLY

DIFF EQ & TRANSFMS MATH 267 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X, MATH 269.

DIFF EQ & TRANSFMS MATH 267 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X, MATH 269.

ELEM DIFF EQ & TRANSFMS MATH 267 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X, MATH 269.

ELEM DIFF EQ & TRANSFMS MATH 267 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X, MATH 269.

ELEM DIFF EQ & TRANSFMS MATH 267 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X, MATH 269.

ELEM DIFF EQ & TRANSFMS MATH 267 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X, MATH 269.
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 TOWARDS  
GRADUATION  
Instructor permission required.  
********  
SEE DEPT FOR REFERENCE NUMBERS  

SYSTMS OF DIFF EQUA  MATH 269  1 CREDIT  
Prereq: FAMILIARITY WITH ORDINARY DIFFERENTIAL  
EQUATIONS OF FIRST AND SECOND ORDER, PERMISSION  
OF DEPARTMENT  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES  
MAY BE APPLIED TOWARDS GRADUATION: MATH 266, MATH 267,  
MATH 269, MATH 279.  
Instructor permission required.  
********  
SEE DEPT FOR REFERENCE NUMBERS  

INDEPENDENT STUDY  MATH 290  1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Department permission required.  
5156005  1 ARRANGED  
MEETS: AUG 23-DEC 17  
5156010  2 ARRANGED  
MEETS: AUG 23-DEC 17  

INTMED TOPIC ELEM M  MATH 297  3 CREDITS  
Prereq: ENROLLMENT IN ELEMENTARY EDUCATION AND  
GRADE OF C- OR BETTER IN MATH 196  
4437005  1 MWF 9:00-9:55  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
4437010  2 MWF 9:55-10:50  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

ABSTRACT ALGEBRA I  MATH 301  3 CREDITS  
Prereq: MATH 166 OR MATH 166H, MATH 317, AND C-  
OR BETTER IN MATH 201  
5158005  1 MWF 9:55-10:50  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
5158010  2 MWF 11:00-12:00  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

COMBINATORICS  MATH 304  3 CREDITS  
Prereq: MATH 166 OR MATH 166H; MATH 201 OR  
EXPERIENCE WITH PROOFS  
5160005  1 MWF 9:00-10:00  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

THRY LINEAR ALGEBRA  MATH 317  4 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN MATH 201  
Note: CREDIT FOR EITHER MATH 207 OR MATH 317, BUT  
NOT BOTH, MAY BE APPLIED TOWARDS GRADUATION  
7872005  1 TR 9:55-10:50  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
7872010  2 TR 12:10-1:10  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
7872015  3 MTRF 1:10-2:10  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

INTR THY PROB&AS I  MATH 341  4 CREDITS  
Prereq: MATH 265 (OR MATH 265H)  
Note: CREDIT FOR EITHER MATH/STAT 341 OR STAT 447,  
BUT NOT BOTH, MAY BE APPLIED TOWARDS GRADUATION  
5166005  1 MWF 9:55-10:55  
T 12:10-2:00  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

INTR THY PR&STAT II  MATH 342  4 CREDITS  
Prereq: STAT 201 OR EQUIVALENT; STAT 341;  
MATH 207 OR MATH 317  
5167005  1 MWF 8:50-9:45  
T 10:00-11:00  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

INTR SCIENTF CMTNG  MATH 373  3 CREDITS  
Prereq: MATH 136  
2626005  1 TR 2:10-3:25  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

INTR PART DIFF EQUA  MATH 385  3 CREDITS  
Prereq: MATH 265 AND ONE OF MATH 266, MATH 267  
5170005  1 ARRANGED  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

COOPERATIVE EDUC  MATH 398  R CREDIT  
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE  
EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
4551005  1 ARRANGED  
MEETS: AUG 23-DEC 17  
Note: Department permission required.  

APPL LINEAR ALGEBRA  MATH 407  3 CREDITS  
Prereq: MATH 317; OR MATH 207 AND EXPERIENCE  
WRITING PROOFS  
7946005  1 MWF 9:55-10:50  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

ANALYSIS I  MATH 414  3 CREDITS  
Prereq: GRADE OF C- OR BETTER IN MATH 201  
5171005  1 MWF 12:05-12:50  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
5171010  2 MF 1:10-2:00  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

INTRV HI PRFM CMPUTG  MATH 424  3 CREDITS  
Prereq: MATH 265; MATH 207 OR MATH 317; OR  
PERMISSION OF INSTRUCTOR  
9406005  1 TR 11:00-12:00  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

GEOMETRY I  MATH 435  3 CREDITS  
Prereq: MATH 201 MATH 207 OR MATH 317  
5175005  1 MWF 8:50-9:40  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

LIFE CONTINGENCIE I  MATH 441  3 CREDITS  
Prereq: MATH 240, CREDIT OR ENROLLMENT IN MATH 265  
0130005  1 MWF 12:05-12:55  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

INDEPENDENT STUDY  MATH 490  1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF MATH 490 OR MATH 490H  
MAY BE APPLIED TOWARDS GRADUATION  
********  
SEE DEPT FOR REFERENCE NUMBERS  

INDEPENDENT STUDY HONORS  MATH 490H  1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP  
IN THE UNIVERSITY HONORS PROGRAM.  
Note: NO MORE THAN 9 CREDITS OF MATH 490 OR MATH 490H  
MAY BE APPLIED TOWARDS GRADUATION, RESTRICTED TO  
MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY.  
5183005  1 ARRANGED  
MEETS: AUG 23-DEC 17  

UNDERGRAD THESIS  MATH 491  2- 3 CREDITS  
Note: Department permission required.  
5184005  1 ARRANGED  
MEETS: AUG 23-DEC 17  
5184010  2 ARRANGED  
MEETS: AUG 23-DEC 17  
Note: SEC 2 OFFERED FOR 3 CREDITS  
Instructor permission required.  

UNDERGRAD SEMINAR  MATH 492  2 CREDITS  
Prereq: MATH 317 OR MATH 407  
6698005  1 M 3:20-5:10  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

SPECIAL TOPICS  MATH 495  VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
7683005  1 MWF 3:20-4:10  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

TEACH SEC SCHL MATH  MATH 497  3 CREDITS  
Prereq: 15 CREDITS IN COLLEGE MATH. ADMITTED TO  
THE EDUCATOR PREPARATION PROGRAM.  
5185005  1 T 5:10-8:00PM  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

INTRO REAL ANALYSIS  MATH 501  3 CREDITS  
Prereq: MATH 265 MATH 207 OR MATH 317  
7394005  1 MWF 9:55-10:50  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

MATHEMATICS

ABSTRACT ALGEBRA I MATH 504 3 CREDITS
Prereq: MATH 302
5186005 1 MWF 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

APPL LINEAR ALGEBRA MATH 507 3 CREDITS
Prereq: MATH 317; OR MATH 207 AND EXPERIENCE
WRITING PROOFS
7915005 1 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

REAL ANALYSIS I MATH 515 3 CREDITS
Prereq: MATH 414 OR MATH 501
5196005 1 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MTHD APPLIED MATH I MATH 519 3 CREDITS
Prereq: MATH 414 OR MATH 501
2281005 1 MWF 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

STOCHAST PROC MODEL MATH 554 3 CREDITS
Prereq: STAT 542
5214005 1 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MATHEMATICS (CONTINUED)

NUMERICAL ANALYSIS I MATH 561 3 CREDITS
Prereq: MATH 414 OR MATH 501
7502005 1 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

DISCRETE OPTIMIZATION MATH 566 3 CREDITS
Prereq: MATH 317 OR MATH 507 OR MATH 510
4950005 1 TR 12:30-1:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GRAPH THEORY MATH 567 3 CREDITS
Prereq: MATH 314 OR MATH 507 OR MATH 510
3535005 1 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

RANDOM SIGNAL AND SYSTEMS MATH 573 3 CREDITS
Prereq: E E 324 OR AER E 331 OR M E 370 OR M E 411 OR MATH 341 OR MATH 395
8192005 1 TR 3:40-4:55
MEETS: AUG 23-DEC 17
SHERMAN P
8192700 2 ARRANGED
SHERMAN P
Note: Course delivery is WWW

LINEAR SYSTEMS MATH 577 3 CREDITS
Prereq: E E 324 OR AER E 331 OR M E 414 OR MATH 415 AND MATH 307
7904005 1 TR 2:10-3:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7904700 2 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

INDEPENDENT STUDY MATH 590 VAR. CREDITS
SEE DEPT FOR REFERENCE NUMBERS

MATH GRAD ORIENTATION MATH 591 .5 CREDIT
6385005 1 W 4:25-5:15
Note: Course delivery is On-site instruction

SPECIAL TOPICS MATH 595 VAR. CREDITS
3815005 1 MWF 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3815010 2 TR 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
3815015 3 M 3:20-4:10
W 3:20-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

CREATIVE COMPONENT MATH 599 VAR. CREDITS
SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURE MATH 504 3 CREDITS
Prereq: MATH 504
8887005 1 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SEMINAR MATH 610 VAR. CREDITS
5231001 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: SECTION 1 IS FOR 3 CREDIT

CATEGORY THEORY MATH 617 3 CREDITS
5226005 1 MWF 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

HARMONIC ANALYSIS MATH 631 3 CREDITS
5595005 1 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CREATIVE COMPONENT MATH 641 3 CREDITS
5233005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PARTIAL DIFFERENTIAL EQUATIONS MATH 655 3 CREDITS
5227005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17

FINITE ELEMENT METHODS MATH 666 3 CREDITS
5378005 1 TR 8:00-9:15
MEETS: AUG 23-DEC 17

ADVANCED TOPICS IN ALGEBRA MATH 680A 3 CREDITS
5232005 1 ARRANGED
MEETS: AUG 23-DEC 17

ADVANCED TOPICS IN ANALYSIS MATH 680B 3 CREDITS
5233005 1 ARRANGED
MEETS: AUG 23-DEC 17

ADVANCED TOPICS IN COMBINATORICS MATH 680C 3 CREDITS
5243005 1 ARRANGED
MEETS: AUG 23-DEC 17

ADVANCED TOPICS IN LOGIC AND FOUNDATIONS MATH 680D 3 CREDITS
5243005 1 ARRANGED
MEETS: AUG 23-DEC 17

ADVANCED TOPICS IN TOPOLOGY MATH 680E 3 CREDITS
5245005 1 ARRANGED
MEETS: AUG 23-DEC 17

RESEARCH MATH 699 VAR. CREDITS
SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

PROBLEM SOLVING MATH 160 3 CREDITS
5082005 1 M 7:45-9:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5082010 2 M 9:55-11:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
### MECHANICAL ENGINEERING (CONTINUED)

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**LEARNING COMMUNITY M E 190 1 CREDIT**

Note: Course delivery is On-site instruction

**MECH ENGR PRO PLAN M E 202 R CREDIT**

Prereq: CREDIT OR ENROLLMENT IN M E 231

Note: COURSE RESTRICTED TO M E SOPHOMORES, JUNIORS AND SENIORS ONLY

Satisfactory-Fail Only.

**GLOBAL SUSTAINABILITY M E 220 3 CREDITS**

Note: COURSE RESTRICTED TO M E MAJORS ONLY

MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT

TOWARD ANY ENGINEERING COLLEGE DEGREE

Meets international perspectives reqmt

**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

### MECHANICAL ENGINEERING (CONTINUED)

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Note: Course delivery is On-site instruction

**LEARNING COMMUNITY M E 190 1 CREDIT**

Note: Course delivery is On-site instruction

**MANUFACTURING ENGR M E 324 3 CREDITS**

Prereq: M E 210, E M 224, M E 273, M E 324L

Note: COURSE RESTRICTED TO M E MAJORS AND A E MAJORS ONLY

### MECHANICAL ENGINEERING (CONTINUED)

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Note: Course delivery is On-site instruction

**GLOBAL SUSTAINABILITY M E 220 3 CREDITS**

Note: COURSE RESTRICTED TO M E MAJORS ONLY

MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT

TOWARD ANY ENGINEERING COLLEGE DEGREE

Meets international perspectives reqmt
MECHANICAL ENGINEERING

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Notes:
- Course delivery is On-site instruction.
- MEETS: AUG 23-DEC 17

Prereq:
- ME 270, ME 345, MATH 266, MATH 267

ENGINEERING DYNAMICS | 5703450 | 5 | R | 9:55-11:45 | MEETS: AUG 23-DEC 17 |
| ENGINEERING DYNAMICS | 5703455 | 6 | R | 9:55-11:45 | MEETS: AUG 23-DEC 17 |
| ENGINEERING DYNAMICS | 5703460 | 7 | R | 9:55-11:45 | MEETS: AUG 23-DEC 17 |

Notes:
- Course delivery is On-site instruction.
- MEETS: AUG 23-DEC 17

Prereq:
- ME 345, MATH 266, MATH 267

ENGR THERMODYNAMICS II | 5703900 | A | T | 7:45-8:55 | MEETS: AUG 23-DEC 17 |
| ENGR THERMODYNAMICS II | 5703905 | B | T | 7:45-8:55 | MEETS: AUG 23-DEC 17 |
| ENGR THERMODYNAMICS II | 5703910 | C | T | 7:45-8:55 | MEETS: AUG 23-DEC 17 |

Notes:
- Course delivery is On-site instruction.
- MEETS: AUG 23-DEC 17

Prereq:
- ME 345, MATH 266, MATH 267
- Course delivery is On-site instruction.
<table>
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<tr>
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<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor Notes</th>
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<tr>
<td>4881055</td>
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<td>10:00-10:50</td>
<td>M E 324, M E 335</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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<td>4881060</td>
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<td>11:00-11:50</td>
<td>M E 216 OR E E 270</td>
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<td>4881065</td>
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<td>M E 216 OR E E 270</td>
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<td>4881070</td>
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<td>4881075</td>
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<td>4881080</td>
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<td>M E 216 OR E E 270</td>
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**MECHANICAL ENGINEERING (CONTINUED)**

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<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
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<tr>
<td>7636005</td>
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<td>1:00-1:50</td>
<td>M E 324, MAT E 273</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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<td>6207005</td>
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<td>M E 324, MAT E 273</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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<td>6207015</td>
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<td>3:00-3:50</td>
<td>M E 324, MAT E 273</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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<tr>
<td>7356005</td>
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<td>4:00-4:50</td>
<td>M E 324, MAT E 273</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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<tr>
<td>7356015</td>
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<td>4:30-5:25</td>
<td>M E 324, MAT E 273</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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<tr>
<td>5711001</td>
<td>A</td>
<td>MF</td>
<td>7:45-8:35</td>
<td>M E 324, MAT E 273</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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<tr>
<td>5711002</td>
<td>B</td>
<td>MF</td>
<td>8:00-8:45</td>
<td>M E 324, MAT E 273</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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<tr>
<td>5711003</td>
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<td>8:30-9:15</td>
<td>M E 324, MAT E 273</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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**CAREER SERVICES**

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<th>Days</th>
<th>Time</th>
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**ALTERNATIVE ENERGY**

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<th>Days</th>
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<td>7356005</td>
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<td>1:00-1:50</td>
<td>M E 324, MAT E 273</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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<td>M E 324, MAT E 273</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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**HEAT TRANSFER**

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<th>Course Code</th>
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<th>Days</th>
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<th>Location</th>
<th>Instructor Notes</th>
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<tbody>
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<td>5711001</td>
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<td>M E 324, MAT E 273</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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<td>M E 324, MAT E 273</td>
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<td>M E 324, MAT E 273</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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**MECHANICAL ENGINEERING (CONTINUED)**

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<th>Course Code</th>
<th>Section</th>
<th>Days</th>
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<td>M E 324, MAT E 273</td>
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**AUTO-CONTRLS**

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<th>Days</th>
<th>Time</th>
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<td>19:00-19:50</td>
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<td>M E 324, MAT E 273</td>
<td>Note: COURSE RESTRICTED TO M E MAJORS ONLY.</td>
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<td>M E 411</td>
<td>INTRNL COMBUS ENGIN</td>
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<td>M E 332</td>
<td>4 F 8:50-10:10</td>
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<td>M E 415</td>
<td>ADVANCED FLUID FLOW</td>
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<td>M E 332</td>
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<td>M E 417</td>
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<td>M E 325</td>
<td>1 M 9:00-10:00</td>
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<td>M E 418</td>
<td>ADVANCED MACHINE DESIGN</td>
<td>3</td>
<td>M E 421 OR INSTRUCTOR PERMISSION</td>
<td>5 R 11:00-12:00</td>
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<td>M E 419</td>
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<td>3</td>
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<td>M E 325</td>
<td>1 M 3:15-4:15</td>
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<td>M E 421</td>
<td>MICRO/NANOMANUFACTURING</td>
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<td>M E 332</td>
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<td>M E 422</td>
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<td>M E 421 OR INSTRUCTOR PERMISSION</td>
<td>5 R 1:00-2:00</td>
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<td>M E 423</td>
<td>MACHINE VISION</td>
<td>3</td>
<td>M E 325</td>
<td>5 T 12:00-1:00</td>
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<td>M E 424</td>
<td>TECH,GLOBAL&amp;CULTUR</td>
<td>3</td>
<td>M E 421 OR INSTRUCTOR PERMISSION</td>
<td>5 W 2:30-3:30</td>
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<td>M E 425</td>
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<td>M E 421 OR INSTRUCTOR PERMISSION</td>
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<td>M E 421 OR INSTRUCTOR PERMISSION</td>
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<td>M E 427</td>
<td>TECH,GLOBAL&amp;CULTUR</td>
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<td>M E 421 OR INSTRUCTOR PERMISSION</td>
<td>5 W 2:30-3:30</td>
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<td>M E 421 OR INSTRUCTOR PERMISSION</td>
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Note: Course delivery is On-site instruction

MEETS: AUG 23-DEC 17

W 4:25-5:15            PATRICOLA C
5392005   1 T 4:10-5:00            PATRICOLA C
SENIOR RESEARCH       MTEOR 499       2 CREDITS
4824005   1 ARRANGED

Senior Research Cooperative Education Coordinator; Senior Classification

Prereq: 4 Courses in Physical or Biological Sciences, Engineering, Junior Standing

Note: Course delivery is On-site instruction

Materials, field trips 4/or travel fee $45.00

GLOBAL CHANGE MTEOR 404 3 CREDITS
Prereq: 4 Courses in Physical or Biological Sciences or Engineering; Junior Standing

8147001 1 ARRANGED
MEETS: AUG 23-DEC 17

Note: Course delivery is WWW

SYNOPTIC METEOROLOGY MTEOR 411 3 CREDITS
Prereq: MTEOR 311, Credit or Enrollment in MTEOR 454

5387005 1 W 1:10-2:00  Gallus W
5387005 1 W 1:10-2:00  Gallus W
MWF 2:15-2:35  Gallus W
W 2:00-2:50  Gallus W
R 9:00-11:50  Gallus W
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

TROPICAL METEOROLOGY MTEOR 440 3 CREDITS
Prereq: Credit or Enrollment in MTEOR 341

0371005 1 TR 12:40-1:35  Gonzalez A
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

DYNAMIC METEOROLOGY I MTEOR 443 3 CREDITS
Prereq: MTEOR 341

5385005 1 MWF 1:10-2:00  Gonzalez A
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

DYNAMIC METEOROLOGY II MTEOR 454 3 CREDITS
Prereq: MTEOR 443

5386005 1 MWF 2:00-4:10  Gutowski W
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

SATELL RMT SNS LAB MTEOR 489L 1 CREDIT
Prereq: Credit or Enrollment in MTEOR 489 OR NREM 489 OR MTEOR 490 OR GEOL 489 OR GEOL 789 OR NREM 489

5208005 1 T 9:00-11:50
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

IND STUDY SYN OPTIC MTEOR 490A 1-3 CREDITS
Prereq: 6 Credits in MTEOR, Instructor Permission
Note: More than 9 Credits in MTEOR 490 May Be Applied toward Graduation

8424005 1 ARRANGED
MEETS: AUG 23-DEC 17

IND STUDY SYN OPTIC MTEOR 490B 1-3 CREDITS
Prereq: 6 Credits in MTEOR, Instructor Permission
Note: More than 9 Credits in MTEOR 490 May Be Applied toward Graduation

8425005 1 ARRANGED
MEETS: AUG 23-DEC 17

IND STUDY PHYSICAL MTEOR 490C 1-3 CREDITS
Prereq: 6 Credits in MTEOR, Instructor Permission
Note: More than 9 Credits in MTEOR 490 May Be Applied toward Graduation

8426005 1 ARRANGED
MEETS: AUG 23-DEC 17

IND STUDY PHYSICAL MTEOR 490D 1-3 CREDITS
Prereq: 6 Credits in MTEOR, Instructor Permission
Note: More than 9 Credits in MTEOR 490 May Be Applied toward Graduation

1010005 1 ARRANGED
MEETS: AUG 23-DEC 17

IND STUDY HYDROLOGY MTEOR 490E 1-3 CREDITS
Prereq: 6 Credits in MTEOR, Instructor Permission
Note: More than 9 Credits in MTEOR 490 May Be Applied toward Graduation

8668005 1 ARRANGED
MEETS: AUG 23-DEC 17

COOPERATIVE EDUCATION MTEOR 498 R CREDIT
Prereq: Permission of the Dept. Cooperative Education Coordinator; Senior Classification

4824005 1 ARRANGED
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

GLOBAL CHANGE MTEOR 504 3 CREDITS
Prereq: 4 Courses in Physical or Biological Sciences or Engineering; Junior, Senior or Graduate Standing

8147001 1 ARRANGED
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

Materials, field trips 4/or travel fee $45.00

SYNOPTIC METEOROLOGY MTEOR 511 3 CREDITS
Prereq: MTEOR 311, Credit or Enrollment in MTEOR 454

4575005 1 W 1:10-2:00  Gallus W
5395005 1 W 1:10-2:00  Gallus W
MWF 2:15-2:35  Gallus W
R 9:00-11:50  Gallus W
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

TROPICAL METEOROLOGY MTEOR 540 3 CREDITS
Prereq: Credit or Enrollment in MTEOR 342

0376005 1 TR 12:40-1:35  Gonzalez A
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

PHYSICAL METEOROLOGY MTEOR 542 3 CREDITS
Prereq: MTEOR 342, Math 266, Phys 232

5395005 1 W 1:10-2:00  Gallus W
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

SATELL RMT SNS LAB MTEOR 589L 1 CREDIT
Prereq: Credit or Enrollment in MTEOR 489 OR NREM 489 OR NREM 489 OR NME 489 OR MTEOR 490 OR GEOL 489 OR GEOL 489

5628005 1 T 9:00-11:50
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction

SPL TOP BOUND LAYER MTEOR 590A 1-3 CREDITS
Prereq: Permission of Instructor

8427005 1 ARRANGED
MEETS: AUG 23-DEC 17

SPL TOPICS TROPICAL MTEOR 590B 1-3 CREDITS
Prereq: Permission of Instructor

8429005 1 ARRANGED
MEETS: AUG 23-DEC 17

SPL TOPICS MESOSCALE MTEOR 590C 1-3 CREDITS
Prereq: Permission of Instructor

8430005 1 ARRANGED
MEETS: AUG 23-DEC 17

SPL TOP GLOBAL SYST MTEOR 590D 1-3 CREDITS
Prereq: Permission of Instructor

8431005 1 R 4:10-5:00
MEETS: AUG 23-DEC 17

SPL TOPIC CLIM MODEL MTEOR 590E 1-3 CREDITS
Prereq: Permission of Instructor
Satisfactory-Fail Only.

8432005 1 ARRANGED
MEETS: AUG 23-DEC 17

SPL TOP NUMERI PRED MTEOR 590F 1-3 CREDITS
Prereq: Permission of Instructor

8433005 1 ARRANGED
MEETS: AUG 23-DEC 17

SPL TOP SATEL OBSRV MTEOR 590G 1-3 CREDITS
Prereq: Permission of Instructor

8434005 1 ARRANGED
MEETS: AUG 23-DEC 17

SPL TOP STAT MTHDS MTEOR 590H 1-3 CREDITS
Prereq: Permission of Instructor

8435005 1 ARRANGED
MEETS: AUG 23-DEC 17

SPL TOP FIELD OBSRV MTEOR 590I 1-3 CREDITS
Prereq: Permission of Instructor

8436005 1 ARRANGED
MEETS: AUG 23-DEC 17

SPL TOP LOW FREQ MD MTEOR 590J 1-3 CREDITS
Prereq: Permission of Instructor

1230005 1 ARRANGED
MEETS: AUG 23-DEC 17

Note: Course delivery is On-site instruction
METEOROLOGY (CONTINUED)

SPL TOP CLOUD PHYS MTEOR 590K 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Course delivery is WWW
MEETS: AUG 23-DEC 17
3901005 1 ARRANGED

SPL TOP ATMOS RADIA MTEOR 590L 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: AUG 23-DEC 17
3904005 1 ARRANGED

SPL TOP CS HYDROLOGY MTEOR 590M 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: AUG 23-DEC 17
8669005 1 ARRANGED

SP TOP GEOPH FLU DY MTEOR 590N 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
MEETS: AUG 23-DEC 17
9186005 1 ARRANGED

GRADUATE SEMINAR MTEOR 595B R CREDIT
Prereq: SENIOR OR GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
3599005 1 T 4:10-5:25
Note: Course delivery is On-site instruction

BOUNDARY LAYER MTEOR 605 3 CREDITS
Prereq: MTEOR 443 OR EQUIVALENT-LEVEL COURSE IN ENGINEERING FLUIDS
MEETS: AUG 23-DEC 17
5402005 1 R 12:40-2:00
Williams I
Note: Course delivery is Hybrid (Online and F2F)

MTEOR 699 VAR. CREDITS
See Dept for Reference Numbers

MICROBIOLOGY (CONTINUED)

MICROBIAL WORLD MICRO 101 3 CREDITS
Prereq: HIGH SCHOOL BIOLOGY OR EQUIVALENT
Note: Course delivery is WWW
MEETS: AUG 23-DEC 17
9323005 1 MWF 8:00-9:15
Note: Course delivery is WWW

PRO AD PREP MICROBI MICRO 110 1 CREDIT
Prereq: SATISFACTORY-FAIL Only.
MEETS: AUG 23-DEC 17
8683005 1 R 2:10-3:00
Note: Course delivery is On-site instruction
8683010 2 ARRANGED
Note: Instructor permission required.
Course delivery is WWW

PHAGE DISCOVERY LAB MICRO 115 2 CREDITS
MEETS: AUG 23-DEC 17
0172005 1 MWF 11:00-12:55
Note: Course delivery is On-site instruction

INTRO MICROBIOLOGY MICRO 201 2 CREDITS
Prereq: ONE SEMESTER OF COLLEGE-LEVEL BIOLOGY
MEETS: AUG 23-DEC 17
5305005 1 MWF 1:35-3:00
Note: Course delivery is On-site instruction

INTRO MICROBIOL LAB MICRO 201L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN MICRO 201 OR MICRO 302
Note: CREDIT FOR EITHER MICRO 201L OR MICRO 302L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MEETS: AUG 23-DEC 17
1433005 1 TR 8:00-9:15
Note: Course delivery is On-site instruction
Materials and professional support fee $150.00
1433010 2 TR 9:30-10:45
Note: Course delivery is On-site instruction
Materials and professional support fee $150.00
1433015 3 TR 11:00-12:15
Note: Course delivery is On-site instruction
Materials and professional support fee $150.00
1433020 4 TR 12:40-1:55
Note: Course delivery is On-site instruction
Materials and professional support fee $150.00
1433025 5 TR 2:10-3:25
Note: Course delivery is On-site instruction
Materials and professional support fee $150.00
1433030 6 ARRANGED
Note: Course delivery is WWW
Materials and professional support fee $150.00
1433035 7 ARRANGED

BIOLOGICAL MICROGANISMS MICRO 302 3 CREDITS
Prereq: BIOL 211, CREDIT OR ENROLLMT IN BIOL 212;
ONE SEMESTER OF CHEMISTRY
MEETS: AUG 23-DEC 17
1426005 1 MWF 9:55-10:45
Note: Course delivery is Hybrid (Online and F2F)

MICROBIOLOGY LAB MICRO 302L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN MICRO 302
Note: CREDIT FOR EITHER MICRO 201L OR MICRO 302L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MEETS: AUG 23-DEC 17
3024005 1 MN 8:25-9:40
Note: Course delivery is On-site instruction
Materials and professional support fee $195.00
3024010 2 MN 11:00-12:15
Note: Course delivery is On-site instruction
Materials and professional support fee $195.00
3024015 3 MN 12:45-2:00
Note: Course delivery is On-site instruction
Materials and professional support fee $195.00
3024020 4 MN 2:15-3:30
Note: Course delivery is On-site instruction
Materials and professional support fee $195.00

MEDIICAL MICROBIOLOGY MICRO 310 3 CREDITS
Prereq: MICRO 302 (OR MICRO 201 IF A B OR BETTER WAS OBTAINED)
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
3307005 1 MWF 8:50-9:40
Note: Course delivery is On-site instruction

MICROBIOLOGY LAB MICRO 310L 1 CREDIT
MEETS: AUG 23-DEC 17
3025005 1 MN 1:35-3:05, ARRANGED
Note: SEC 1 RESTRICTED TO MICRO MAJORS ONLY
Materials and professional support fee $230.00
3025010 2 MN 1:35-3:05, ARRANGED
Note: Course delivery is On-site instruction
Materials and professional support fee $230.00
3025015 3 MN 2:00-4:00, ARRANGED
Note: SEC 3 RESTRICTED TO MICRO MAJORS ONLY
Course delivery is On-site instruction
Materials and professional support fee $230.00
3025020 4 MN 3:30-4:50, ARRANGED
Note: Course delivery is On-site instruction
Materials and professional support fee $230.00
3025025 5 MN 7:15-8:40, ARRANGED
Note: Course delivery is On-site instruction
Materials and professional support fee $230.00
3025030 6 TR 12:40-2:10
Note: SEC 6 RESTRICTED TO MICRO MAJORS ONLY
MEETS: AUG 23-DEC 17
3025035 7 TR 2:10-3:25
Note: Course delivery is On-site instruction
Materials and professional support fee $230.00

GLOBAL HEALTH MICRO 360 3 CREDITS
Prereq: BIOL 211
MEETS: AUG 23-DEC 17
0526005 1 ARRANGED
Note: Course delivery is On-site instruction
MICROBIOLOGY (CONTINUED)

SAFTY FOOD FROM ANI  MICRO 407  3 CREDITS
Prereq: MICRO 420
1881005  1 TR  8:00-9:15
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $60.00

VIROLOGY  MICRO 408  3 CREDITS
Prereq: BIOL 313 OR MMOB 301; RECOMMEND BIOL 314
5314005  1 MW 1:10-2:00
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction

FOOD MICROBIOLOGY  MICRO 420  3 CREDITS
Prereq: MICRO 301 OR MICRO 302
5315005  1 MW 9:55-10:45
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction

LAB MIRC PHYSL ДVRS  MICRO 440  4 CREDITS
Prereq: MICRO 302, MICRO 302L, CHEM 332, BIOL 333L
6135005  1 TR 1:10-2:00
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $290.00

PRINCIP OF MYCOLOGY  MICRO 456  3 CREDITS
Prereq: 10 CREDITS IN BIOLOGICAL SCIENCES
7203005  1 MW 11:00-11:50
MEETS: AUG-23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

INDEP STU:ЛAB RSRCH  MICRO 490A VAR. CREDITS
Prereq: A MINIMUM OF 6 CREDITS OF 300-LEVEL OR ABOVE COURSEWORK IN MICROBIOLOGY, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU:ЛIT РВIEW  MICRO 490B 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 128 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU:INSTR ASST  MICRO 490C VAR. CREDITS
Prereq: A MINIMUM OF 6 CREDITS OF 300-LEVEL OR ABOVE COURSEWORK IN MICROBIOLOGY, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY  MICRO 490H  1- 5 CREDITS
Prereq: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, INSTR PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. 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  1 ARRANGED
MEETS: AUG-23-DEC 17

SAFTY FOOD FROM ANI  MICRO 507  3 CREDITS
Prereq: MICRO 440
2129005  1 TR  8:00-9:15
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction
Materials fee $60.00

MICROBIOLOGY (CONTINUED)

GUT MICROBIOME:HLTH  MICRO 517  3 CREDITS
Prereq: 2-3 CREDITS IN MICROBIOLOGY AND/OR IMMUNOLOGY
7736005  1 TR  9:30-10:45
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction

MICRO DIVRS&PHYLOG  MICRO 551  1 CREDIT
Frd: MICRO 302, BIOL 301
7016005  1 MF 1:10-2:00
MEETS: SEP-23-SEPT 24
Note: Course delivery is WWW

BACT MOLE GEN&PHYSL  MICRO 552  1 CREDIT
Frd: MICRO 302, BIOL 313
7024005  1 MF 1:10-2:00
MEETS: AUG-23-DEC 17
Note: Course delivery is WWW

PATHOGENIC MICROORG  MICRO 553  1 CREDIT
Frd: MICRO 302, BIOL 313
7078005  1 MF 1:10-2:00
MEETS: NOV-1-DEC 17
Note: Course delivery is WWW

MEDICL BACTERIOLOGY  MICRO 586  4 CREDITS
Frd: MICRO 310
6947005  1 MF 8:50-9:40
R 12:10-1:00
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction

SPECIAL TOPICS  MICRO 590  1- 5 CREDITS
Frd: PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR  MICRO 604  1 CREDIT
Frd: Permission of Instructor
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

GRAD RESEARCH ROTAT  MICRO 697 VAR. CREDITS
7161005  1 ARRANGED
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction

RESEARCH  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
Frd: CONCURRENT ENROLLMENT IN M S 101L REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 101L REQUIRED
4993005  1 W 12:05-12:55
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction

MILITARY SCIENCE

BASC LEADSHIP LAB I M S 101L  1 CREDIT
Frd: CONCURRENT ENROLLMENT IN M S 101L REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 101L REQUIRED
4994005  1 W 4:25-6:15PM
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction

ARMY PHY READINESS M S 150  1 CREDIT
8414005  1 MTF 6:00-7:15
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction

PRIN OF LEADERSHIP M S 201  2 CREDITS
Frd: CONCURRENT ENROLLMENT IN M S 201L REQUIRED
Note: CONCURRENT ENROLLMENT IN M S 201L REQUIRED
4997005  1 W 8:50-9:40
MEETS: AUG-23-DEC 17
Note: Course delivery is On-site instruction
MUSIC (CONTINUED)

APPLIED MUSIC BRASS MUSIC 118G 1-2 CREDITS
Prereq: AUDITION, INSTR PERNM, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PERCUSS MUSIC 118I 1-2 CREDITS
Prereq: AUDITION, INSTR PERNM, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC HARP/SCD MUSIC 118K 1-2 CREDITS
Prereq: AUDITION, INSTR PERNM, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND MUSIC 118F 1-2 CREDITS
Prereq: AUDITION, INSTR PERNM, 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 PERNM, 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 PERNM, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 219A 1-3 CREDITS
Prereq: AUDITION, INSTR PERNM, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC HARP/SCD MUSIC 119K 1-3 CREDITS
Prereq: AUDITION, INSTR PERNM, 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 PERNM, 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 PERNM, 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 PERNM, 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 PERNM, 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 PERNM, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC HARP/SCD MUSIC 219K 1-3 CREDITS
Prereq: AUDITION, INSTR PERNM, 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 MAJORS ONLY
Note: Course restricted to Mu Ba, Mu Bm Majors only.
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.
5432005 1 TR 11:00-11:50 BRONSON J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5432010 2 TR 10:00-10:50 BRONSON J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MUSIC THEORY I MUSIC 224 4 CREDITS
Prereq: MUSIC 101, PERMISSION OF INSTRUCTOR, OR PASSING GRADE ON THE FUNDAMENTALS PLACEMENT EXAM.
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY
2419005 1 MWF 2:15-3:05 STURM J
R 3:10-4:00 BRYDEN K
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2419010 2 MWF 2:15-3:05 BRYDEN K
MEETS: AUG 23-DEC 17

2419015 3 MWF 3:20-4:10 STURM J
R 2:10-3:00 BRYDEN K
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2419020 4 MWF 3:20-4:10 STURM J
R 3:10-4:00 BRYDEN K
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2419025 5 MWF 2:15-3:05 BRYDEN K
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
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MUSIC 321B 1 CREDIT
Prereq: MUSIC 321A OR PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC 321C 1 CREDIT
Prereq: MUSIC 321B OR PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC 321D 1 CREDIT
Prereq: MUSIC 321C OR PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC 321F 1 CREDIT
Prereq: MUSIC 321E OR PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC 321G 1 CREDIT
Prereq: MUSIC 321F OR PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC 321I 1 CREDIT
Prereq: MUSIC 321H OR PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC 321J 1 CREDIT
Prereq: MUSIC 321K OR PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC 325 3 CREDITS
Prereq: MUSIC 323 OR CONCURRENT ENROLLMENT IN MUSIC 325
***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC 334 3 CREDITS
Prereq: MUSIC 333 OR CONCURRENT ENROLLMENT IN MUSIC 325
***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC 335 1 CREDIT
Prereq: MUSIC 334 OR CONCURRENT ENROLLMENT IN MUSIC 335
***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC 358A R CREDIT
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.
Satisfactory-Fail Only.

MUSIC 358B R CREDIT
Note: ADDITIONAL EXPENSES MAY APPLY
COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.
Satisfactory-Fail Only.

MUSIC 358C R CREDIT
Satisfactory-Fail Only.

MUSIC 358D R CREDIT
Satisfactory-Fail Only.

MUSIC 358E R CREDIT
Satisfactory-Fail Only.

MUSIC 358F R CREDIT
Satisfactory-Fail Only.

MUSIC 358G R CREDIT
Satisfactory-Fail Only.

MUSIC 358H R CREDIT
Satisfactory-Fail Only.

MUSIC 358I R CREDIT
Satisfactory-Fail Only.

MUSIC 358J R CREDIT
Satisfactory-Fail Only.

MUSIC 358K R CREDIT
Satisfactory-Fail Only.

MUSIC 358L R CREDIT
Satisfactory-Fail Only.

MUSIC 358M R CREDIT
Satisfactory-Fail Only.

MUSIC 358N R CREDIT
Satisfactory-Fail Only.

MUSIC 358O R CREDIT
Satisfactory-Fail Only.

MUSIC 358P R CREDIT
Satisfactory-Fail Only.

MUSIC 358Q R CREDIT
Satisfactory-Fail Only.

MUSIC 358R R CREDIT
Satisfactory-Fail Only.

MUSIC 358S R CREDIT
Satisfactory-Fail Only.

MUSIC 358T R CREDIT
Satisfactory-Fail Only.

MUSIC 358U R CREDIT
Satisfactory-Fail Only.

MUSIC 358V R CREDIT
Satisfactory-Fail Only.

MUSIC 358W R CREDIT
Satisfactory-Fail Only.

MUSIC 358X R CREDIT
Satisfactory-Fail Only.

MUSIC 358Y R CREDIT
Satisfactory-Fail Only.

MUSIC 358Z R CREDIT
Satisfactory-Fail Only.

MUSIC 358AA R CREDIT
Satisfactory-Fail Only.

MUSIC 358AB R CREDIT
Satisfactory-Fail Only.

MUSIC 358AC R CREDIT
Satisfactory-Fail Only.

MUSIC 358AD R CREDIT
Satisfactory-Fail Only.

MUSIC 358AE R CREDIT
Satisfactory-Fail Only.

MUSIC 358AF R CREDIT
Satisfactory-Fail Only.

MUSIC 358AG R CREDIT
Satisfactory-Fail Only.

MUSIC 358AH R CREDIT
Satisfactory-Fail Only.

MUSIC 358AI R CREDIT
Satisfactory-Fail Only.

MUSIC 358AJ R CREDIT
Satisfactory-Fail Only.

MUSIC 358AK R CREDIT
Satisfactory-Fail Only.

MUSIC 358AL R CREDIT
Satisfactory-Fail Only.

MUSIC 358AM R CREDIT
Satisfactory-Fail Only.

MUSIC 358AN R CREDIT
Satisfactory-Fail Only.

MUSIC 358AO R CREDIT
Satisfactory-Fail Only.

MUSIC 358AP R CREDIT
Satisfactory-Fail Only.

MUSIC 358AQ R CREDIT
Satisfactory-Fail Only.

MUSIC 358AR R CREDIT
Satisfactory-Fail Only.

MUSIC 358AS R CREDIT
Satisfactory-Fail Only.

MUSIC 358AT R CREDIT
Satisfactory-Fail Only.

MUSIC 358AU R CREDIT
Satisfactory-Fail Only.

MUSIC 358AV R CREDIT
Satisfactory-Fail Only.

MUSIC 358AW R CREDIT
Satisfactory-Fail Only.

MUSIC 358AX R CREDIT
Satisfactory-Fail Only.

MUSIC 358AY R CREDIT
Satisfactory-Fail Only.

MUSIC 358AZ R CREDIT
Satisfactory-Fail Only.

MUSIC 358AA R CREDIT
Satisfactory-Fail Only.

MUSIC 358AB R CREDIT
Satisfactory-Fail Only.

MUSIC 358AC R CREDIT
Satisfactory-Fail Only.

MUSIC 358AD R CREDIT
Satisfactory-Fail Only.

MUSIC 358AE R CREDIT
Satisfactory-Fail Only.

MUSIC 358AF R CREDIT
Satisfactory-Fail Only.

MUSIC 358AG R CREDIT
Satisfactory-Fail Only.

MUSIC 358AH R CREDIT
Satisfactory-Fail Only.

MUSIC 358AI R CREDIT
Satisfactory-Fail Only.

MUSIC 358AJ R CREDIT
Satisfactory-Fail Only.

MUSIC 358AK R CREDIT
Satisfactory-Fail Only.

MUSIC 358AL R CREDIT
Satisfactory-Fail Only.

MUSIC 358AM R CREDIT
Satisfactory-Fail Only.

MUSIC 358AN R CREDIT
Satisfactory-Fail Only.

MUSIC 358AO R CREDIT
Satisfactory-Fail Only.

MUSIC 358AP R CREDIT
Satisfactory-Fail Only.

MUSIC 358AQ R CREDIT
Satisfactory-Fail Only.

MUSIC 358AR R CREDIT
Satisfactory-Fail Only.

MUSIC 358AS R CREDIT
Satisfactory-Fail Only.

MUSIC 358AT R CREDIT
Satisfactory-Fail Only.

MUSIC 358AU R CREDIT
Satisfactory-Fail Only.

MUSIC 358AV R CREDIT
Satisfactory-Fail Only.

MUSIC 358AW R CREDIT
Satisfactory-Fail Only.

MUSIC 358AX R CREDIT
Satisfactory-Fail Only.

MUSIC 358AY R CREDIT
Satisfactory-Fail Only.

MUSIC 358AZ R CREDIT
Satisfactory-Fail Only.

MUSIC 358AA R CREDIT
Satisfactory-Fail Only.

MUSIC 358AB R CREDIT
Satisfactory-Fail Only.

MUSIC 358AC R CREDIT
Satisfactory-Fail Only.

MUSIC 358AD R CREDIT
Satisfactory-Fail Only.

MUSIC 358AE R CREDIT
Satisfactory-Fail Only.

MUSIC 358AF R CREDIT
Satisfactory-Fail Only.

MUSIC 358AG R CREDIT
Satisfactory-Fail Only.

MUSIC 358AH R CREDIT
Satisfactory-Fail Only.

MUSIC 358AI R CREDIT
Satisfactory-Fail Only.

MUSIC 358AJ R CREDIT
Satisfactory-Fail Only.

MUSIC 358AK R CREDIT
Satisfactory-Fail Only.

MUSIC 358AL R CREDIT
Satisfactory-Fail Only.

MUSIC 358AM R CREDIT
Satisfactory-Fail Only.

MUSIC 358AN R CREDIT
Satisfactory-Fail Only.

MUSIC 358AO R CREDIT
Satisfactory-Fail Only.

MUSIC 358AP R CREDIT
Satisfactory-Fail Only.

MUSIC 358AQ R CREDIT
Satisfactory-Fail Only.

MUSIC 358AR R CREDIT
Satisfactory-Fail Only.

MUSIC 358AS R CREDIT
Satisfactory-Fail Only.

MUSIC 358AT R CREDIT
Satisfactory-Fail Only.

MUSIC 358AU R CREDIT
Satisfactory-Fail Only.

MUSIC 358AV R CREDIT
Satisfactory-Fail Only.

MUSIC 358AW R CREDIT
Satisfactory-Fail Only.

MUSIC 358AX R CREDIT
Satisfactory-Fail Only.

MUSIC 358AY R CREDIT
Satisfactory-Fail Only.

MUSIC 358AZ R CREDIT
Satisfactory-Fail Only.
APPLIED MUSIC ORGAN  MUSIC 419C  1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC STRINGS  MUSIC 419D  1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON  MUSIC 419E  1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND  MUSIC 419F  1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS  MUSIC 419G  1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PERCUSS  MUSIC 419I  1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

JR/SENIOR RECITAL  MUSIC 420  R CREDIT
Prereq: ADVANCED PERFORMING ABILITY, PERMISSION OF INSTRUCTOR, CONCURRENT REGISTRATION IN MUSIC 319 OR MUSIC 419
Note: ADDITIONAL EXPENSES MAY APPLY Satisfactory-Fail Only.
5584005 1 R ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction Materials and professional support fee $300.00

SOUND SYNTHES DESIGN  MUSIC 446  3 CREDITS
Prereq: MUSIC 246 OR PERMISSION OF INSTRUCTOR
Note: Materials and professional support fee $40.00
5524005 1  M 3:20-4:10          STEGEMOLLER E
W 3:20-5:10         HOPKINS C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CHORAL MATRI&METHOD  MUSIC 465  2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN MUSIC 358A AND MUSIC 141, MUSIC 151, OR MUSIC 161
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
5526005 1  MWF 9:30-10:20    ROYSTON N
MEETS: AUG 23-DEC 17

HISTORY AMERI MUSIC  MUSIC 472  3 CREDITS
Prereq: ABILITY TO READ MUSIC; 9 CREDITS FROM MUSIC, AMERICAN LIT, AMERICAN HIST, ART HIST
Note: Meets U.S. diversity reqmt
5529005 1  TR 10:00-10:50      STURM J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MUSIC & NEUROSCIENCE  MUSIC 474X  3 CREDITS
Prereq: KIN 372 OR PERMISSION BY INSTRUCTOR
0617005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is MMM

EXPERIENCE II: MUSIC  MUSIC 480K  1- 2 CREDITS
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR. STUDENTS MUST HAVE 2.5 DAYS AVAILABLE FOR FIELD EXPERIENCE.
Satisfactory-Fail Only.
7691005 1 ARRANGED
MEETS: AUG 23-DEC 17
NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

SEMINAR  NREM 305  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
1058005  1  M 1:15-3:05  RENTZ M
F 1:10-3:00  RENTZ M
MEETS: AUG 23-DEC 17
Note: SEC 1 MEETS 3 CREDITS TOPIC: WILDLIFE CARE
Course delivery is On-site instruction
Materials, field trips $/or travel fee $25.00-$100.00

1058010  2  MWF 8:50-10:10  W 9:15-5:00
MEETS: AUG 23-DEC 17
Note: SEC 2 MEETS ALTERNATING WED 2:10-5. A SAT.
FIELD TRIP IS REQUIRED
TOPIC: FOREST LANDSCAPES, WILDLIFE & SILVICULTURAL
STUDENT SHOULD HAVE TAKEN NREM 301 OR FOR 302.
OR CONTACT MIRANDA CURZON OR RICHARD SCHULTZ.
Course delivery is On-site instruction
Materials, field trips $/or travel fee $25.00-$100.00

GENEN FOR N RES MGR  NREM 315  3 CREDITS
Prereq: BIOL 211 AND BIOL 212
7668005  1 MWF 7:45-8:35  ROE K
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
FIELD ECO RSCH&TCHG  NREM 380  3 CREDITS
Prereq: CREDIT OR CURRENT ENROLLMENT IN A ECL 312
OR AGR 312 OR BIOL 312 OR NREM 301; OR ELIGIBILITY
FOR ADMISSION INTO ELEMENTARY EDUCATION PROGRAM
8730005  1 WF 7:45-8:35  THOMPSON J
F 11:00-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $50.00
FIRE ECOLOGY & MGT  NREM 390  3 CREDITS
3726005  1 TR 11:00-12:15  ISENHART T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
WATERSHED HYDROLOGY  NREM 402  3 CREDITS
Prereq: 4 COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGG 301 OR JUNIOR STANDING
5332005  1 MWF 11:00-11:50  GUTOWSKI W
R 11:10-12:00  FRANZ K
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
GIS&GPS NAT RESOURC  NREM 446  3 CREDITS
Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH ARCGIS
3032005  1 TR 8:00-8:50  WOLTER P
T 12:10-1:00  WOLTER P
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use and field trips $/or travel fee $52.00
3032010  2 TR 8:00-8:50  WOLTER P
W 11:00-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use and field trips $/or travel fee $52.00
CONTRV NAT RSRC MGT  NREM 460  3 CREDITS
Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND JUNIOR CLASSIFICATION
7598005  1 MWF 11:00-2:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
SCI+DSN:NAT RSRC MT  NREM 483X  3 CREDITS
Prereq: ARTGR 271 OR BIOL 211 OR GRADUATE CLASSIFICATION, AND PERMISSION OF INSTRUCTOR
0682005  1 ARRANGED
MEETS: AUG 23-OCT 15
Note: SEC 1 TOPIC: SCIENCE + DESIGN: INTERPRETATION OF NATURAL RESOURCES IN MONTANA. COURSE INCLUDES TRAVEL TO THE FRENCH CONSERVATION CAMP IN MONTANA (AUGUST 9 - 21, 2021) FOLLOWED BY ARRANGED IN-CLASS MEETINGS DURING THE FIRST HALF OF THE FALL SEMESTER. Instructor permission required.
Course delivery is On-site instruction
Materials, field trips $/or travel fee $1,100.00
SATELL RMT SENS LAB  NREM 489L  1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR GEOL 489 OR MTEOR 589 OR MTEOR 489 OR NREM 589 OR GEOL 489 OR MTEOR 489 OR NREM 589 OR GEOL 489 OR E 489 OR E 589
5267005  1 MWF 9:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

IND STDY ANIMAL ECO  NREM 490A  1-4 CREDITS
Prereq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
***** SEE DEPT FOR REFERENCE NUMBERS
INDEP STDY FORESTY  NREM 490B  1-4 CREDITS
Prereq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
***** SEE DEPT FOR REFERENCE NUMBERS
INDEP STUDY HONORS  NREM 490H  1-4 CREDITS
Prereq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
***** SEE DEPT FOR REFERENCE NUMBERS
DOMESTIC TRAVEL  NREM 496B  1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
2597005  1 ARRANGED
MEETS: AUG 23-OCT 15
Note: SEC 1 TOPIC: FIELD SURVEY; ROUND TRIP FROM AMES TO FRENCH CONSERVATION EDUCATION CAMP IN MONTANA.
Course delivery is On-site instruction
Materials, field trips $/or travel fee $300.00-$1,200.00
COOPERATIVE EDUC  NREM 498  1-3 CREDITS
Prereq: PERMISSION OF DEPARTMENT CHAIR
Note: Permission of department chair required. Satisfactory-Fail Only.
7593005  1 ARRANGED
MEETS: AUG 23-DEC 17
FOREST LANDSC,SILVIC  NREM 504  3 CREDITS
3752005  1 MWF 8:10-10:10
MEETS: AUG 23-DEC 17
Note: SEC 1 LAB MEETS ALTERNATING WED. A SAT LAB
FIELD TRIP IS REQUIRED
Course delivery is On-site instruction
Field trips $/or travel fee $50.00
SEMINAR  NREM 505  1-3 CREDITS
Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
1083005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS. UNDERGRADS NEED PERMISSION OF THE DEPARTMENT TO REGISTER.
TOPIC: CRITICAL CONCEPTS IN NATURAL RESOURCE ECOLOGY & MANAGEMENT
Course delivery is On-site instruction
1083010  2 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 2 RESTRICTED TO GRADUATE STUDENTS. UNDERGRADS NEED PERMISSION OF THE DEPARTMENT TO REGISTER.
TOPIC: READING AND DISCUSSION CLASS FOCUSED ON THE BOOK "THE HOMEPLACE." OFFERED FOR 1 CREDIT.
Course delivery is On-site instruction
INTRO DNA TECHNIQS  NREM 542A  1 CREDIT
Satisfactory-Fail Only
3744005  1 TR 1:10-4:00
MEETS: AUG 23-DEC 17
INTEGRATING GIS&GPS  NREM 546  3 CREDITS
Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE IN ARCGIS
3821005  1 TR 8:00-8:50
T 12:10-1:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use and field trips $/or travel fee $52.00
3821010  2 TR 8:00-8:50
W 11:00-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Equipment use and field trips $/or travel fee $52.00
SCI+DSN:NAT RSRC MT  NREM 583X  3 CREDITS
Prereq: ARTGR 271 OR BIOL 211 OR GRADUATE CLASSIFICATION, AND PERMISSION OF INSTRUCTOR
0683005  1 ARRANGED
MEETS: AUG 23-OCT 15
Note: SEC 1 TOPIC: SCIENCE + DESIGN: INTERPRETATION OF NATURAL RESOURCES IN MONTANA. COURSE INCLUDES TRAVEL TO THE FRENCH CONSERVATION CAMP IN MONTANA (AUGUST 9 - 21, 2021) FOLLOWED BY ARRANGED IN-CLASS MEETINGS DURING THE FIRST HALF OF THE FALL SEMESTER. Instructor permission required.
Course delivery is On-site instruction
Equipment use and field trips $/or travel fee $1,100.00
SATELL RMT SENS LAB  NREM 589L  1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR MTEOR 489 OR NREM 589 OR GEOL 489 OR MTEOR 489 OR GEOL 489 OR E 489 OR E 589
6449005  1 T 9:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
SPL TOPICS ANIML ECO  NREM 590A  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
*****  SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FORESTRY  NREM 590B  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTORS
*****  SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP  NREM 593  1-3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Instructor permission required 1st week.
1106005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $25.00
1106010  2 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $25.00
1106015  3 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $25.00

DOMESTIC TRAVEL  NREM 596B  1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
2606005  1 ARRANGED
MEETS: AUG 23-OCT 15
Sec 1 Topic: Field Silviculture
Round Trip from Ames to French Conservation Education Camp in Montana.
Instructor permission required.
Course delivery is On-site instruction
Materials, field trips $/or travel fee $300.00-$1,200.00

TEACHING PRACTICUM  NREM 598  1 CREDIT
Prereq: Grad Classification as M.S. Candidate
In an NREM Major, permission of Instructor
*****  SEE DEPT FOR REFERENCE NUMBERS

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

SEMINAR  NREM 600  1 CREDIT
3827005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TEACHING PRACTICUM  NREM 698  1 CREDIT
Prereq: Grad Classification as M.S. Candidate
Satisfactory-Fail Only.
*****  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  NREM 699  1-12 CREDITS
*****  SEE DEPT FOR REFERENCE NUMBERS

INTRO NAVAL SCIENCE  N S  111  3 CREDITS
The Tuesday and Thursday afternoon labs are not required of Non-RotC Program Students
5551005  1 MWF 7:45-8:35
TR 4:10-5:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

LEADERSHIP&MANAGEMENT  N S  220  3 CREDITS
The Tuesday and Thursday afternoon labs are not required of Non-RotC Program Students
5731005  1 MWF 9:55-10:45
TR 4:10-5:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

NAVAL SHIP SYSMS I  N S  320  3 CREDITS
Prereq: PHYS 221, Sophomore Classification
The Tuesday and Thursday afternoon labs are not required of Non-RotC Program Students.
Course not open to freshmen.
5687005  1 MWF 8:30-9:40
TR 4:10-5:25
MEETS: AUG 23-DEC 17
Note: Sec 1 for RotC Students Only
Course delivery is On-site instruction
5687010  2 MWF 8:30-9:40
MEETS: AUG 23-DEC 17
Note: Sec 2 is for Non-RotC Students.
RotC Students should register for Section 1.
Course delivery is On-site instruction

NAVAL OPER&SEAMSHIP  N S  410  3 CREDITS
Prereq: Senior Classification
The Tuseday and Thursday afternoon labs are not required of Non-RotC Program Students
5721005  1 TR 9:30-10:45
TR 4:10-5:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SENIOR N S SEMINAR  N S  440  1 CREDIT
Prereq: Senior Classification
Note: Course restricted to seniors
4061005  1 W 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

NEUROSCIENCE

NEUROSCIENCE ROTATN  NEURO 557  2 CREDITS
Note: Instructor permission required 1st week.
8552005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

NEUROSCIENCE SEMINR  NEURO 696  1 CREDIT
8555005  1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

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

NURSING

BSN NURSING ORIENTN  NRS 250  1 CREDIT
Prereq: Admission to the RN-BSN Program
8959005  1 T 3:25-4:15, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CNCTS NRSNG PRACTC  NRS 320  3 CREDITS
Prereq: Admission to the RN-BSN Program
8960005  1 T 1:10-2:00, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

EVIDNC BASED PRACTC  NRS 340  4 CREDITS
8977005  1 T 2:10-3:15, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PROMO CULTR OF HLTH  NRS 420  3 CREDITS
Prereq: Admission to the RN-BSN Program or Permission of Instructor
8968005  1 T 10:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

IND ST:TRAN PROF PC  NRS 490A  1-2 CREDITS
Prereq: Admission to the RN-BSN Program and Permission of Director of Nursing Education
Note: Maximum of 4 Credits of NRS 490 May be Used Toward Gradation
0208005  1 ARRANGED
MEETS: AUG 23-DEC 17

IND ST:SPEC TOP NRS  NRS 490B  1-2 CREDITS
Prereq: Admission to the RN-BSN Program and Permission of Director of Nursing Education
Note: Maximum of 4 Credits of NRS 490 May be Used Toward Gradation
0210005  1 ARRANGED
MEETS: AUG 23-DEC 17

IND ST:INTL EXPRC  NRS 490C  1-2 CREDITS
Prereq: Admission to the RN-BSN Program and Permission of Director of Nursing Education
Note: Maximum of 4 Credits of NRS 490 May be Used Toward Gradation
0212005  1 ARRANGED
MEETS: AUG 23-DEC 17

NUTRICAL SCIENCES

NUTRICAL BIOCHM&PHYSOL  NUTRS 501  4 CREDITS
Prereq: Credit or Enrollment in BBMB 404 or BBMB 420
Note: Credit for Either Diet 558 or Nuts 501, But Not Both, May Be Applied Toward Graduation
8364005  1 TR 12:40-1:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO DNA TECHNIQS  NUTRS 542A  1 CREDIT
Satisfactory-Fail Only.
8628005  1 TR 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

BSN NURSING ORIENTN  NRS 250  1 CREDIT
Prereq: Admission to the RN-BSN Program
8959005  1 T 3:25-4:15, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CNCTS NRSING PRACTC  NRS 320  3 CREDITS
Prereq: Admission to the RN-BSN Program
8960005  1 T 1:10-2:00, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

EVIDNC BASED PRACTC  NRS 340  4 CREDITS
8977005  1 T 2:10-3:15, ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PROMO CULTR OF HLTH  NRS 420  3 CREDITS
Prereq: Admission to the RN-BSN Program or Permission of Instructor
8968005  1 T 10:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

IND ST:TRAN PROF PC  NRS 490A  1-2 CREDITS
Prereq: Admission to the RN-BSN Program and Permission of Director of Nursing Education
Note: Maximum of 4 Credits of NRS 490 May be Used Toward Graduation
0208005  1 ARRANGED
MEETS: AUG 23-DEC 17

IND ST:SPEC TOP NRS  NRS 490B  1-2 CREDITS
Prereq: Admission to the RN-BSN Program and Permission of Director of Nursing Education
Note: Maximum of 4 Credits of NRS 490 May be Used Toward Gradation
0210005  1 ARRANGED
MEETS: AUG 23-DEC 17

IND ST:INTL EXPRC  NRS 490C  1-2 CREDITS
Prereq: Admission to the RN-BSN Program and Permission of Director of Nursing Education
Note: Maximum of 4 Credits of NRS 490 May be Used Toward Gradation
0212005  1 ARRANGED
MEETS: AUG 23-DEC 17

NUTRICAL BIOCHM&PHYSOL  NUTRS 501  4 CREDITS
Prereq: Credit or Enrollment in BBMB 404 or BBMB 420
Note: Credit for Either Diet 558 or Nuts 501, But Not Both, May Be Applied Toward Graduation
8364005  1 TR 12:40-1:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO DNA TECHNIQS  NUTRS 542A  1 CREDIT
Satisfactory-Fail Only.
8628005  1 TR 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
NUTRITIONAL SCIENCES  (CONTINUED)

ADV VERTB PHYSIOL I NUTRS 549  4 CREDITS
Prereq: RECOMMENDED: AN UNDERGRADUATE PHYSIOLOGY COURSE AND A BIOCHEMISTRY COURSE
3919005  1 TR 8:00-9:50
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
MED NUTRIT&DISEASES I NUTRS 561  4 CREDITS
Prereq: FS NN 360, FS NN 361, FS NN 367, BZIL 256 AND 256L OR BZIL 335
Note: CREDIT FOR ONLY TWO OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: DIET 560, NUTRS 561, NUTRS 564
8581005  1 TR 10:00-11:50
Note: Course delivery is On-site instruction
Materials and professional support fee $25.00
COMMUNITY NUTRITION NUTRS 563  3 CREDITS
Prereq: FS NN 245 OR FS NN 360; FS NN 366 RECOMMENDED
7794005  1 TR 12:40-2:35
Note: Course delivery is On-site instruction
MEETS: AUG 23-DEC 17
ADV NUTR--PROTEIN NUTRS 619  2 CREDITS
Prereq: BMHS 405
Instructor permission required 1st week.
5596005  1 W 11:00-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
MODERN VIEWS NUTRIT NUTRS 680  R CREDIT
7814005  1 W 12:45-2:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
7814010  2 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
SPECIAL PROBLEMS NUTRS 690 VAR. CREDITS
6201005  1 ARRANGED
MEETS: AUG 23-DEC 17
GRANT PROPOSAL WRIT NUTRS 695  1 CREDIT
Prereq: 3 CREDITS OF GRADUATE COURSE WORK IN FOOD SCIENCE AND/OR NUTRITIONAL SCIENCES
8561005  1 R 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
RESRCH NUTRITNL SCI NUTRS 699 VAR. CREDITS
***** SEER DEPT FOR REFERENCE NUMBERS
ORGANIZATION FOR TROPICAL STUDIES
ECO TROPICAL BIOLOGY OTS 510  8 CREDITS
7535005  1 ARRANGED
MEETS: AUG 23-DEC 17
TOPICS TROPICAL BIOL OTS 515  1- 8 CREDITS
7544005  1 ARRANGED
MEETS: AUG 23-DEC 17
PERFORMING ARTS
PERFORM ARTS SEMINR PERF 105 R CREDIT
3673005  1 R 3:40-4:55 DELL B
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)
PERFORM ARTS INTERN PERF 310 R CREDIT
Satisfactory-Fail Only.
3677005  1 ARRANGED
MEETS: AUG 23-DEC 17
PERF ARTS CAP SEM PERF 401  2 CREDITS
Prereq: SENIOR CLASSIFICATION
3706005  1 T 3:40-4:55, ARRANGED DELL B
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
PHILOSOPHY
INTRO TO PHILOSOPHY PHIL 201  3 CREDITS
5824005  1 MWF 9:55-10:45 BUTLER A
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO FRESHMAN ONLY
Course delivery is On-site instruction
5824010  2 MWF 9:55-10:45 ALEXANDER D
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5824015  3 MWF 11:00-11:50 ALEXANDER D
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5824020  4 MWF 11:00-11:50 BUTLER A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5824025  5 TR 9:30-10:45 MILLER D
MEETS: AUG 23-DEC 17
PHILOSOPHY  (CONTINUED)
INTRO TO PHILOSOPHY PHIL 201  3 CREDITS
5824005  1 MWF 9:55-10:45 BUTLER A
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO FRESHMAN ONLY
Course delivery is On-site instruction
5824010  2 MWF 9:55-10:45 ALEXANDER D
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5824015  3 MWF 11:00-11:50 ALEXANDER D
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5824020  4 MWF 11:00-11:50 BUTLER A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5824025  5 TR 9:30-10:45 MILLER D
MEETS: AUG 23-DEC 17
PHYSIOLOGY

PHILOSOPHY (CONTINUED)

PHILOSOPHY OF SCIENCE PHIL 380 3 CREDITS
Prereq: 3 CREDITS IN PHILOSOPHY OR 6 CREDITS IN A
SPECIALIZATION
5840005 1 TR 2:10-3:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

AGENCY & FREE WILL PHIL 450 3 CREDITS
Prereq: PHIL 207 STRONGLY ENCOURAGED
4464005 1 MW 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

BRAIN, MINDS & COMPUTERS PHIL 465 3 CREDITS
Prereq: 6 CREDITS IN PHILOSOPHY
5840510 1 M 3:20-4:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INDEPENDENT STUDY PHIL 490 1-4 CREDITS
Prereq: 6 CREDITS IN PHILOSOPHY, PERMISSION OF
INSTRUCTOR; APPROVAL OF CHAIR
Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE
APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS PHIL 490H 1-4 CREDITS
Prereq: 6 CREDITS IN PHILOSOPHY, PERMISSION OF
INSTRUCTOR; APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF PHIL 490H MAY BE
APPLIED TOWARD GRADUATION. RESTRICTED TO MEMBERS OF
THE UNIVERSITY HONORS PROGRAM ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

GRADUATING SR SURVEY PHIL 492 R CREDIT
Note: COURSE RESTRICTED TO PHIL SENIORS GRADUATING
FALL 2020
Satisfactory-Fail Only.
3891005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SCP TOPIC HISTORY P PHIL 590A 2-4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5850005 1 ARRANGED
MEETS: AUG 23-DEC 17

SCP TOPIC METAPHYSICS PHIL 590B 2-4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5851005 1 ARRANGED
MEETS: AUG 23-DEC 17

SCP TOPIC VALUE THEORY PHIL 590C 2-4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5852005 1 ARRANGED
MEETS: AUG 23-DEC 17

SCP TOPIC LOGIC & COMPUTER SCI PHIL 590D 2-4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5853005 1 ARRANGED
MEETS: AUG 23-DEC 17

PHYSICS

INTRO PHYSICS PREP PHYS 50 0 CREDITS
Prereq: 1 YEAR HIGH SCHOOL ALGEBRA
1282005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PHYSICS (CONTINUED)

PHYSICS FOR NON-SCIENTISTS PHYS 101 3 CREDITS
5855005 1 TR 12:40-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PHYSICS FOR LIFE SCI PHYS 115 4 CREDITS
Prereq: 1 1/2 YRS HIGH SCHOOL ALGEBRA, 1 YEAR
GEOMETRY, 1 SEMESTER H.S. TRIGONOMETRY
9212005 1 TR 2:10-3:25
W 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

9212010 2 TR 2:10-3:25
W 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

9212015 3 TR 2:10-3:25
W 11:00-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

9212020 4 TR 2:10-3:25
W 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

9212025 5 TR 2:10-3:25
W 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

9212030 6 TR 2:10-3:25
W 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

9212035 7 TR 2:10-3:25
W 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

9212040 8 TR 2:10-3:25
W 4:25-5:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

LAB PHYSICS FOR LIFE SCI PHYS 115L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN PHYS 115
9252005 1 R 8:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $120.00

9252010 2 R 10:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

9252015 3 R 12:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

9252020 4 R 3:40-5:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

9252025 5 F 7:45-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

9252030 6 F 9:30-11:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

Materials and professional support fee $120.00
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<th>END TIME</th>
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**Note:** Course delivery is On-site instruction.

Materials and professional support fee $120.00.

**PREREQUISITE:**

- 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY.

**CREDIT OR ENROLLMENT:**

- PHYS 111 will be taught for the last time in Spring 2021; PHYS 11X and PHYS 11XX may be offered beginning Spring 2022.

**MEETS:**

AUG 23-DEC 17

**SPRING 2021:** PHYS 131X AND PHYS 131LX MAY BE OFFERED.

**REGISTRATION:**

- Students registered for the first time in Fall 2021 may not drop this section even if they are registered for the Spring 2021 section.

**LAB PHYS FOR LF SCI PHYS 115L 1 CREDIT**

Materials and professional support fee $120.00.

**LAB PHYSICS I PHYS 131L 1 CREDIT**

Prereq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY.

**CREDIT OR ENROLLMENT:**

- PHYS 111 will be taught for the last time in Spring 2021; PHYS 11X and PHYS 11XX may be offered beginning Spring 2022.

**MEETS:**

AUG 23-DEC 17

**SPRING 2021:** PHYS 131X AND PHYS 131LX MAY BE OFFERED.

**REGISTRATION:**

- Students registered for the first time in Fall 2021 may not drop this section even if they are registered for the Spring 2021 section.

**LAB PHYSICS II PHYS 131X 4 CREDITS**

Prereq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY.

**CREDIT OR ENROLLMENT:**

- PHYS 111 will be taught for the last time in Spring 2021; PHYS 11X and PHYS 11XX may be offered beginning Spring 2022.

**MEETS:**

AUG 23-DEC 17

**SPRING 2021:** PHYS 131X AND PHYS 131LX MAY BE OFFERED.

**REGISTRATION:**

- Students registered for the first time in Fall 2021 may not drop this section even if they are registered for the Spring 2021 section.

**LAB PHYSICS I PHYS 131L 1 CREDIT**

Note: Course delivery is WWW.

Materials and professional support fee $120.00.

**LAB PHYSICS II PHYS 131X 4 CREDITS**

Prereq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY.

**CREDIT OR ENROLLMENT:**

- PHYS 111 will be taught for the last time in Spring 2021; PHYS 11X and PHYS 11XX may be offered beginning Spring 2022.

**MEETS:**

AUG 23-DEC 17

**SPRING 2021:** PHYS 131X AND PHYS 131LX MAY BE OFFERED.

**REGISTRATION:**

- Students registered for the first time in Fall 2021 may not drop this section even if they are registered for the Spring 2021 section.

**LAB PHYSICS II PHYS 131X 4 CREDITS**

Prereq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY.

**CREDIT OR ENROLLMENT:**

- PHYS 111 will be taught for the last time in Spring 2021; PHYS 11X and PHYS 11XX may be offered beginning Spring 2022.

**MEETS:**

AUG 23-DEC 17

**SPRING 2021:** PHYS 131X AND PHYS 131LX MAY BE OFFERED.

**REGISTRATION:**

- Students registered for the first time in Fall 2021 may not drop this section even if they are registered for the Spring 2021 section.

**LAB PHYSICS I PHYS 131L 1 CREDIT**

Note: Course delivery is WWW.

Materials and professional support fee $120.00.

**LAB PHYSICS II PHYS 131X 4 CREDITS**

Prereq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY.

**CREDIT OR ENROLLMENT:**

- PHYS 111 will be taught for the last time in Spring 2021; PHYS 11X and PHYS 11XX may be offered beginning Spring 2022.

**MEETS:**

AUG 23-DEC 17

**SPRING 2021:** PHYS 131X AND PHYS 131LX MAY BE OFFERED.

**REGISTRATION:**

- Students registered for the first time in Fall 2021 may not drop this section even if they are registered for the Spring 2021 section.

**LAB PHYSICS II PHYS 131X 4 CREDITS**

Prereq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY.

**CREDIT OR ENROLLMENT:**

- PHYS 111 will be taught for the last time in Spring 2021; PHYS 11X and PHYS 11XX may be offered beginning Spring 2022.

**MEETS:**

AUG 23-DEC 17

**SPRING 2021:** PHYS 131X AND PHYS 131LX MAY BE OFFERED.

**REGISTRATION:**

- Students registered for the first time in Fall 2021 may not drop this section even if they are registered for the Spring 2021 section.

**LAB PHYSICS I PHYS 131L 1 CREDIT**

Note: Course delivery is WWW.

Materials and professional support fee $120.00.

**LAB PHYSICS II PHYS 131X 4 CREDITS**

Prereq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY.

**CREDIT OR ENROLLMENT:**

- PHYS 111 will be taught for the last time in Spring 2021; PHYS 11X and PHYS 11XX may be offered beginning Spring 2022.

**MEETS:**

AUG 23-DEC 17

**SPRING 2021:** PHYS 131X AND PHYS 131LX MAY BE OFFERED.

**REGISTRATION:**

- Students registered for the first time in Fall 2021 may not drop this section even if they are registered for the Spring 2021 section.
INTRODUCTORY SEMINAR PHYS 199 R CREDIT
Satisfactory-Fail Only.
7305005 1 T 1:30-2:30 W 4:25-5:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Note: Course delivery is On-site instruction. MEETS: AUG 23-DEC 17

0695090 18 MWF 1:10-2:00 TR 9:00-9:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction. Materials and professional support fee $120.00

0695095 19 MWF 8:50-9:40 TR 10:00-10:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction. Materials and professional support fee $120.00

0695100 20 MWF 8:50-9:40 TR 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction. Materials and professional support fee $120.00

0695105 21 MWF 8:50-9:40 TR 12:10-1:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction. Materials and professional support fee $120.00

0695110 22 MWF 8:50-9:40 TR 1:10-2:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction. Materials and professional support fee $120.00

0695115 23 MWF 8:50-9:40 TR 2:10-3:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction. Materials and professional support fee $120.00

0695118 26 MWF 8:50-9:40 TR 3:10-4:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction. Materials and professional support fee $120.00

0695125 25 MWF 8:50-9:40 TR 4:10-5:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction. Materials and professional support fee $120.00

0695130 26 MWF 8:50-9:40 TR 5:10-6:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction. Materials and professional support fee $120.00

0695135 27 MWF 8:50-9:40 TR 6:10-7:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction. Materials and professional support fee $120.00

INTR CLASSC PHYS II  PHYS 232 4 CREDITS
Prereq: PHYS 221 or 241, MATH 166
Night exams scheduled. For dates go to
http://www.registrar.iastate.edu/students/exams/night-exams.

0694005 1 MWF 5:30-6:20 PM TR 9:00-9:50 MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

0694010 2 MWF 5:30-6:20 PM TR 9:00-9:50 MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

0694015 3 MWF 5:30-6:20 PM TR 10:00-10:50 MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

0694020 4 MWF 5:30-6:20 PM TR 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

0694025 5 MWF 5:30-6:20 PM TR 12:10-1:00 MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

0694030 6 MWF 5:30-6:20 PM TR 1:10-2:00 MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

0694035 7 MWF 5:30-6:20 PM TR 2:10-3:00 MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

0694040 8 MWF 5:30-6:20 PM TR 3:10-4:00 MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

0694045 9 MWF 5:30-6:20 PM TR 4:10-5:00 MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

0694050 10 MWF 8:50-9:40 TR 9:00-9:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

0694055 11 MWF 8:50-9:40 TR 10:00-10:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

0694060 12 MWF 8:50-9:40 TR 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
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<td>0381045</td>
<td>9 MWF 1:10-2:00</td>
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<td>T 1:10-3:00</td>
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<td>MEETS: AUG 23-DEC 17</td>
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<td>Note: Course delivery is Hybrid (Online and F2F)</td>
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<td>0381075</td>
<td>15 MWF 5:30-6:20PM</td>
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<td>MEETS: AUG 23-DEC 17</td>
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<td>Note: Course delivery is Hybrid (Online and F2F)</td>
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<td>0381080</td>
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<td>MEETS: AUG 23-DEC 17</td>
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<td>Note: Course delivery is Hybrid (Online and F2F)</td>
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<td>0381085</td>
<td>17 MWF 5:30-6:20PM</td>
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<td>Note: Course delivery is Hybrid (Online and F2F)</td>
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<td>0381090</td>
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<td>MEETS: AUG 23-DEC 17</td>
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<td>Note: Course delivery is Hybrid (Online and F2F)</td>
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<td>INTRO CL PHY II HON PHYS 232H 4 CREDITS</td>
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<tr>
<td>Prereq: PHYS 221 OR 241, MATH 166</td>
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<tr>
<td>Night exams scheduled. For dates go to <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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<td>0427005</td>
<td>1 T 9:10-11:00</td>
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<td>0427010</td>
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<td>MEETS: AUG 23-DEC 17</td>
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<td>Note: Course delivery is On-site instruction</td>
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<tr>
<td>INT CLAS PHYS II LAB PHYS 232L 1 CREDIT</td>
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<tr>
<td>Prereq: PHYS 221 OR 241, MATH 166. CREDIT OR ENROLLMENT IN PHYS 232X.</td>
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<td>PHYSICS 232L IS A LAB COURSE WHICH RUNS PARALLEL TO PHYS 232X. REGISTER FOR PHYS 232X IF YOU WOULD LIKE TO ATTEND LECTURES AND DISCUSSIONS.</td>
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<td>0382005</td>
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<td>0382010</td>
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<td>Materials and professional support fee $90.00</td>
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<td>Note: Course delivery is On-site instruction</td>
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<td>Materials and professional support fee $90.00</td>
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<td>0382020</td>
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<td>Materials and professional support fee $90.00</td>
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<td>0382025</td>
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<td>INT CLAS PHYS II LAB PHYS 232L 1 CREDIT</td>
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<td>Course delivery is On-site instruction.</td>
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<td>PRIN&amp;SYMME CLS PH I PHYS 241 5 CREDITS</td>
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<tr>
<td>Prereq: CREDIT OR ENROLLMENT IN MATH 166 OR 166H</td>
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<td>Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC (NUMBERED SEC 1-2). FIRST AND THEN A LAB SEC (LETTERED SEC A-B). STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE AND LAB WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION. COURSE FOR PHYS MAJORS AND OTHER STUDENTS WHO HAD A STRONG</td>
<td>PHYSICS 224</td>
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<td>PHYS 450</td>
<td>UNDERGRAD RESEARCH</td>
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<td>PHYS 461</td>
<td>PHYSICS OF BIOMOLECULE</td>
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<td>PHYS 470</td>
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<td>PHYS 480</td>
<td>QUANTUM MECHANICS I</td>
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<td>PHYS 490</td>
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<td>PHYS 536</td>
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Note: Course delivery is On-site instruction, unless otherwise specified.
FALL 2021

PHYSICS (CONTINUED)

GENERAL RELATIVITY PHYS 541 3 CREDITS
Prereq: PHYS 362, MATH 207 OR MATH 317
5906005 1 TR 9:25-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PHYS OF BIOMOLECULE PHYS 561 3 CREDITS
Prereq: PHYS 304 OR CHEM 325, 326, MBB 303
IN SCIENCE
9421005 1 TR 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV ELECT & MAGNET I PHYS 571 3 CREDITS
Prereq: PHYS 365, PHYS 528
5908005 1 MW 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SPCL TOPICS NUCLEAR PHYS 590A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5910005 1 ARRANGED
MEETS: AUG 23-DEC 17

SPL TOP COND MATTER PHYS 590B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5912005 1 ARRANGED
MEETS: AUG 23-DEC 17

SPL TOP HIGH ENERGY PHYS 590C VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5913005 1 ARRANGED
MEETS: AUG 23-DEC 17

SPCL TOPICS PHYSICS PHYS 590D VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5914005 1 ARRANGED
MEETS: AUG 23-DEC 17

QUANTUM PHYSICS I PHYS 591 4 CREDITS
Prereq: PHYS 481
5915005 1 MW 9:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CREATIVE COMPONENT PHYS 599 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

ADV NUCLEAR PHYSICS PHYS 624 3 CREDITS
Prereq: PHYS 526, PHYS 592
3143005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ELEM PARTICLE PHYS II PHYS 638 3 CREDITS
Prereq: PHYS 637
5922005 1 TR 11:00-12:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV SEMINAR NUCLEAR PHYS 650A 1 CREDIT
Satisfactory-Fail Only
5923005 1 TR 4:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV SEM COND MATTER PHYS 650B 1 CREDIT
Satisfactory-Fail Only
5924005 1 TR 4:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV SEM HIGH ENERGY PHYS 650C 1 CREDIT
Satisfactory-Fail Only
5925005 1 TR 4:25-6:15PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV SEMINAR PHYSICS PHYS 650D 1 CREDIT
Satisfactory-Fail Only
5926005 1 F 12:05-2:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV SEMINAR APPLIED PHYSICS PHYS 650E 1 CREDIT
Satisfactory-Fail Only
5927005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV SEMINAR BIOPHYS PHYS 650F 1 CREDIT
Satisfactory-Fail Only
6583005 1 M 9:45-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV TOP COND MATTER PHYS 660A 1 CREDIT
Satisfactory-Fail Only
5929005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV TOP HIGH ENERGY PHYS 660B 1 CREDIT
Satisfactory-Fail Only
5930005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV TOPICS PHYSICS PHYS 660C 1 CREDIT
Satisfactory-Fail Only
5931005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV TOPICS APPLIED PHYS 660D 1 CREDIT
Satisfactory-Fail Only
5932005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

QUANTUM FLD THEOR PHYS 681 3 CREDITS
Prereq: PHYS 564, PHYS 572, PHYS 592
5935005 1 TR 2:10-3:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

RESEARCH PHYS 699 VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION REQUIRED
******* SEE DEPT FOR REFERENCE NUMBERS

PLANT BIOLOGY

PLANT MOLEC&DEV BIO PLBIO 545 3 CREDITS
Prereq: BIOG 314, BIOG 330
6807005 1 TR 9:30-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

RESEARCH SEMINAR PLBIO 696 1 CREDIT
Satisfactory-Fail Only
8828005 1 TR 4:25-5:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

RESEARCH PLBIO 699 VAR. CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

PLANT PATHOLOGY

PRIN OF PLANT PATH PL P 408 3 CREDITS
Prereq: 3 CREDITS IN LIFE SCIENCES, INCLUDING
3898005 1 TR 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

3898010 2 TR 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

3898015 3 TR 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FOR INSECTS&DIS LAB PL P 416L 1 CREDIT
Prereq: BIOL 211, BIOL 212
8828005 3 TR 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FOR INSECTS&DIS LAB PL P 416L 1 CREDIT
Prereq: 3 CREDITS IN BIOLOGICAL SCI, INCLUDING
5942005 1 W 9:15-10:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FOREST INSECT&DISEASES PL P 416 3 CREDITS
Prereq: 3 CREDITS IN BIOLOGICAL SCI, INCLUDING
5942005 1 W 9:15-10:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FOR INSECTS&DIS LAB PL P 416L 1 CREDIT
Prereq: 3 CREDITS IN BIOLOGICAL SCI, INCLUDING
5942005 1 W 9:15-10:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
PLANT PATHOLOGY (CONTINUED)

HONORS INDEP STUDY PL P 490H 1-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CR IN BIOL SCI, INSTA PERMISSION, MEMBERSHIP IN HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE APPLIED TOWARD THE TOTAL OF 12 CREDITS REQUIRED FOR GRADUATION. COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY.
3155005 1 ARRANGED MEETS: AUG 23-DEC 17

SEED PATHOLOGY PL P 494 2 CREDITS
Prereq: PL P 408
Note: CREDIT FOR EITHER PL P 494/594 OR STR/PL P 592, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
7970005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SEED PATHOLOGY LAB PL P 494L 1 CREDIT
Prereq: PL P 408
1379005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRIN OF PLANT PATH PL P 508 3 CREDITS
Prereq: 8 CREDITS IN LIFE SCIENCES, INCLUDING BIOL 211 OR BIOL 212
3902005 1 TR 11:00-11:15 R 12:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
3902010 2 TR 11:00-11:15 R 2:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00
3902015 3 TR 11:00-11:15 R 4:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

SPECIAL TOPICS PL P 509 1-3 CREDITS
Prereq: 10 CR IN BIOL SCIENCES, INSTA PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

SEED PATHOLOGY PL P 594 2 CREDITS
Prereq: PL P 408
Note: CREDIT FOR EITHER PL P 494/594 OR STR/PL P 592, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5955005 1 ARRANGED MEETS: AUG 23-DEC 17

SEED PATHOLOGY LAB PL P 594L 1 CREDIT
Prereq: PL P 408
9794005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CREATIVE COMPONENT PL P 599 VAR. CREDITS
Prereq: FOR NON-THESIS MASTER OF SCIENCE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

IMPROV PRO PRESENTN PL P 628 2 CREDITS
Prereq: GRADUATION CLASSIFICATION
9440005 1 M 3:20-5:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SEMINAR PL P 698 1 CREDIT
Satisfactory-Fail Only.
5959005 1 T 3:10-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-line instruction

THESIS&DISSERTATION RESEARCH PL P 699 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE (CONTINUED)

INTRO POLITICAL SCI POL S 101 3 CREDITS
Note: COURSE RESTRICTED TO POL S MAJORS ONLY
3912005 1 MWF 3:20-4:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTR AMERIC GOVERN POL S 215 3 CREDITS
5961005 1 TR 12:40-1:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5961010 2 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5961700 3 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

INTRO ETHICS&POLITICS POL S 235 3 CREDITS
5715005 1 MWF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO COMM DEMOCRACY POL S 241 3 CREDITS
5963005 1 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5963010 2 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO INTNL POL POL S 251 3 CREDITS
5964005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5964010 2 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PUBLIC ORGS & POWER POL S 271 3 CREDITS
5982005 1 MWF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO EMPIRICAL RSCH POL S 301 3 CREDITS
5965005 1 TR 12:40-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

LIBERTY&LAW IN AMER POL S 339 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
9803005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

POLICS DEVEL AREAS POL S 340 3 CREDITS
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY.
5971005 1 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PUBLIC POLICY POL S 344 3 CREDITS
9245005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

EUROPEAN POLITICS POL S 346 3 CREDITS
Prereq: COURSE RESTRICTED TO POL S MAJORS ONLY
5976005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

THEOR INTL POLITICS POL S 356 3 CREDITS
7231005 1 TR 12:40-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

U S FOREIGN POLICY POL S 358 3 CREDITS
Prereq: POL S 215 OR POL S 251, OR HIST 467 OR HIST 470 OR HIST 471
5979005 1 ARRANGED MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction

ISSUES FOREIGN POLICY POL S 359 3 CREDITS
Prereq: POL S 215, POL S 251, OR POL S 358
1006005 1 TR 2:10-3:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRESIDENTIAL POLICY POL S 381 3 CREDITS
Prereq: POL S 215 OR POL S 358
1000005 1 MWF 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
POLITICAL SCIENCE (CONTINUED)

ADV WRITING POL SCI  POL S 395  3 CREDITS
Satisfactory-Fail Only.
******  SEE DEPT FOR REFERENCE NUMBERS

LEGAL ANALYSIS  POL S 402  3 CREDITS
Prereq: JUNIOR CLASSIFICATION
4051005  1 MWF 1:10-2:00
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

POLICY IMPLEMENTATION  POL S 408  3 CREDITS
Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING
0644005  1 ARRANGED
MEETS: Aug 23-Dec 17
Note: Course delivery is WWW

CONSTITUTIONAL LAW  POL S 420  3 CREDITS
Prereq: POL S 215; JUNIOR CLASSIFICATION
5988005  1 MWF 2:15-3:05
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

INTERNATIONAL LAW  POL S 422  3 CREDITS
Prereq: POL S 215 OR POL S 251; JUNIOR CLASSIFICATION
5990005  1 MF 8:50-9:40
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

MODERN POLITICAL THOUGHT  POL S 431  3 CREDITS
Prereq: 6 CR IN POL S, PHIL, OR EUROPEAN HISTORY
5993005  1 MF 11:00-11:50
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

ENERGY POLICY  POL S 443X  3 CREDITS
Prereq: JUNIOR CLASSIFICATION
0500700  1 MF 9:55-10:45
MEETS: Aug 23-Dec 17
Note: Course delivery is WWW

GOVT, BUSINESS & SOCIETY  POL S 477  3 CREDITS
Prereq: 6 CREDITS OF POL S
9288700  1 ARRANGED
MEETS: Aug 23-Dec 17
Note: Course delivery is WWW

IND STUDY AMERICAN GOVERNMENT  POL S 490A VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
******  SEE DEPT FOR REFERENCE NUMBERS

IND STUDY THIRTY-SEVENTH  POL S 490B VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
******  SEE DEPT FOR REFERENCE NUMBERS

IND STUDY COMPARATIVE POLITICAL SCIENCE  POL S 490C VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
******  SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE (CONTINUED)

ADVANCED WRITING POL SCI  POL S 395  3 CREDITS
Satisfactory-Fail Only.
******  SEE DEPT FOR REFERENCE NUMBERS

POLOREALITY  POL S 490  3 CREDITS
Prereq: JUNIOR CLASSIFICATION
4052005  1 CR 1:10-2:00
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

POLITICAL ANALYSIS  POL S 502  3 CREDITS
Prereq: 6 CREDITS IN POL S
8752005  1 M 9:15-10:05
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

PROSEMINAR IN POLITICAL SCIENCE  POL S 505  3 CREDITS
Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING
4638005  1 T 10-11:50
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

POLICY IMPLEMENTATION  POL S 508  3 CREDITS
Prereq: FRL S 215 OR POL S 251; JUNIOR CLASSIFICATION
0645005  1 ARRANGED
MEETS: Aug 23-Dec 17
Note: Course delivery is WWW

INTERNATIONAL LAW  POL S 522  3 CREDITS
Prereq: POL S 215 OR POL S 251; JUNIOR CLASSIFICATION
3569005  1 MF 8:50-9:40
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

MODERN AND CONTEMPORARY WORLD  POL S 531  3 CREDITS
Prereq: 6 CR IN POL S, PHIL, OR EUROPEAN HISTORY
6025005  1 MF 11:00-11:50
MEETS: Aug 23-Dec 17
Note: Course delivery is On-site instruction

POLITICAL ANALYSIS  POL S 534X  3 CREDITS
Prereq: JUNIOR CLASSIFICATION
0501700  1 MF 9:55-10:45
MEETS: Aug 23-Dec 17
Note: Course delivery is WWW

GOVT, BUSINESS & SOCIETY  POL S 577  3 CREDITS
Prereq: 6 CREDITS OF POL S
9281700  1 ARRANGED
MEETS: Aug 23-Dec 17
Note: Course delivery is WWW

SPL TOPICS IN POLITICAL SCIENCE  POL S 590  3 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMIS.
Note: Instructor permission required 1st week.
******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS IN POLITICAL SCIENCE  POL S 590  3 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMIS.
Note: Instructor permission required 1st week.
******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS IN POLITICAL SCIENCE  POL S 590  3 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMIS.
Note: Instructor permission required 1st week.
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**SPL TOP SCIENCE** (CONTINUED)
### FALL 2021

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**Note:** SEC A1 RESTRICTED TO PSYCH MAJORS ONLY. Course delivery is On-site instruction.

### PSYCHOLOGY

#### PSYCHOLOGY AND LAW

**Prereq:** PSYCH 101 OR PSYCH 280

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**Note:** SEC A1 RESTRICTED TO PSYCH MAJORS ONLY. Course delivery is On-site instruction.

### PREREQUISITE

**Prereq:** 3 COURSES IN PSYCHOLOGY INCLUDING PSYCH 250

**Note:** Course delivery is On-site instruction.

### MEDIA PSYCHOLOGY

**Prereq:** PSYCH 101 OR PSYCH 280

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**Note:** UNDERGRADS AND SPECIAL STUDENTS MUST SEEK PERMISSION.

### INDIVIDUAL STUDY

**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.

### ADVANCED COGNITION

**Prereq:** PSYCH 316

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**Note:** Satisfactory-Fail Only.

### INDUSTRIAL PSYCHOLOGY

**Prereq:** 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101, STAT 101

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**Note:** SEC A1 RESTRICTED TO PSYCH MAJORS ONLY. Course delivery is On-site instruction.

### SOCIAL COGNITION

**Prereq:** PSYCH 101 OR PSYCH 280

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<td>6100030 A2</td>
<td>2:15-3:30</td>
<td>HANISCH K</td>
<td>AUG 23-DEC 17</td>
</tr>
</tbody>
</table>

**Note:** SEC A1 RESTRICTED TO PSYCH MAJORS ONLY. Course delivery is On-site instruction.

### PSYCHOLOGY

**Prereq:** 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101, STAT 101

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6100020 A1</td>
<td>12:05-1:30</td>
<td>MEISSNER C</td>
<td>AUG 23-DEC 17</td>
</tr>
<tr>
<td>6100030 A2</td>
<td>2:15-3:30</td>
<td>HANISCH K</td>
<td>AUG 23-DEC 17</td>
</tr>
</tbody>
</table>

**Note:** SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH. Course delivery is On-site instruction.

### RESEARCH PRACTICUM

**Prereq:** JR CLASSIFICATION, 6 CR IN PSYCH, INSTRUCTOR PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM.

**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.

### INDEPENDENT STUDY

**Prereq:** JR CLASSIFICATION, INSTR PERMISSION, CREDIT OR ENROLLMENT IN PSYCH 301

**Note:** NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY.

### ADVANCED COGNITION

**Prereq:** PSYCH 316

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6115005 A1</td>
<td>12:05-1:30</td>
<td>MEISSNER C</td>
<td>AUG 23-DEC 17</td>
</tr>
</tbody>
</table>

**Note:** NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY.

### RESEARCH PRACTICUM

**Prereq:** JR CLASSIFICATION, INSTR PERMISSION, CREDIT OR ENROLLMENT IN PSYCH 301

**Note:** NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY.

### ADVANCED COGNITION

**Prereq:** PSYCH 316

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6115005 A1</td>
<td>12:05-1:30</td>
<td>MEISSNER C</td>
<td>AUG 23-DEC 17</td>
</tr>
</tbody>
</table>

**Note:** NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY.
THEORIES OF LEARNING PSYCH 533 3 CREDITS
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 Note: Course delivery is On-site instruction
6118005  1 M 5:30-8:20PM  MEETS: AUG 23-DEC 17
6118700  2 M 5:30-8:20PM  MEETS: AUG 23-DEC 17
 Note: Course delivery is WWW

DEVELOPMNTL DISABIL PSYCH 538 3 CREDITS
Prereq: 9 CREDITS IN HD PSY OR PSYCH
8563005  1 ARRANGED  MEETS: AUG 23-DEC 17
 Note: Course delivery isWWW

ADV SOCIAL PSYCHOLG PSYCH 580 3 CREDITS
Prereq: 4 COURSES IN PSYCHOLGY, INCLUDING PSYCH 280
6131005  1 TR 11:00-12:20  ANDERSON C  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction

SPCL TOP COUNSELING PSYCH 590A VAR. CREDITS
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC COGNITIVE PSYCH 590Q VAR. CREDITS
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INTRSTR
***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS SOCIAL PSYCH 590R VAR. CREDITS
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GENERAL PSYCH 590Z VAR. CREDITS
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
***** SEE DEPT FOR REFERENCE NUMBERS

SEM COUNS:MLTICULTR PSYCH 596C VAR. CREDITS
Prereq: 12 CREDITS IN PSYCH
6031005  1 T 11:00-2:00  WEI M  MEETS: AUG 23-DEC 17
 Note: SEC 1 OFFERED FOR 3 CREDITS FALL 2021

SMNR COGNVT:MEMORY PSYCH 598B VAR. CREDITS
Prereq: PSYCH 516, PSYCH 501 OR STAT 401
6132005  1 W 3:10-6:00PM  CARPENTER S  MEETS: AUG 23-DEC 17
 Note: SEC 1 OFFERED FOR 3 CREDITS FALL 2021

CREATIVE COMPONENT PSYCH 599 VAR. CREDITS
Prereq: 12 CREDITS IN PSYCH
***** SEE DEPT FOR REFERENCE NUMBERS

PSY COUNSELING THRY PSYCH 621 3 CREDITS
Prereq: 3 COURSES IN PSYCH AND PERMISSION OF INSTR
6150005  1 TR 9:30-10:45  SCHEEL K  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction

COUNSELING TECHNIQ PSYCH 621L 3 CREDITS
Prereq: PSYCH 621L
6151005  1 T 11:00-2:00  VOGEL D  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction

ADULT PSYCHOPATHOLOGY PSYCH 661 3 CREDITS
Prereq: DOCTORAL STUDENT ENROLLED IN THE ISU COUNSELING PSYCHOLOGY PROGRAM OR BY PERMISSION OF THE INSTRUCTOR
0395005  1 TR 12:40-2:00  PRIETO L  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction

PRACT INTMD COUNSEL PSYCH 691B VAR. CREDITS
Prereq: PSYCH 691A, PERMISSION OF INSTR
5217006  NW M 11:00-3:00, ARRANGED  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction

PRACTCMM ADV COUNSEL PSYCH 691C VAR. CREDITS
Prereq: PSYCH 691A, PSYCH 691B, PERMISSION OF INSTR
 Note: OFFERED FOR 3 CREDITS FALL 2021
5235005  1 M 9:55-11:45  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction

EXT PRACTCM ADV CNSL PSYCH 691D VAR. CREDITS
Prereq: PSYCH 691A, PSYCH 691B, PERMISSION OF INSTR
***** SEE DEPT FOR REFERENCE NUMBERS

PRACT GROUP COUNSEL PSYCH 691G VAR. CREDITS
Prereq: PSYCH 626, PSYCH 691A, PERMISSION OF INSTR
***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM TEACHING PSYCH 691T VAR. CREDITS
Prereq: PSYCH 633, PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

RSCH SEMN COUNSEV PSYCH 692Q 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
7667005  1 W 12:05-12:55  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction

RSCH SEMN SOCIAL PSYCH 692R 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
9085005  1 F 12:05-12:55  MEETS: AUG 23-DEC 17
 Note: OFFERED FOR 2 CREDITS
 Course delivery is On-site instruction

INTERN COUNSELING PSYCH 697 R CREDIT
Prereq: Ph.D. CANDIDACY IN THE COUNSELING PSYCH PROGRAM, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSION
6182005  1 ARRANGED  MEETS: AUG 23-DEC 17

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

PUBLIC RELATIONS

PRIN PUBLIC RELATNS PSYCH 220 3 CREDITS
 Sec: SEC A1 RESTRICTED TO GREENLEE MAJORS
6906005  A1 MFN 9:55-10:45  WILGENBUSCH E  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction
6906010  A2 MFN 9:55-10:45  WILGENBUSCH E  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction
6906020  B1 TR 9:30-10:45  KING A  MEETS: AUG 23-DEC 17
 Note: Course delivery is WWW
6906015  B1 TR 9:30-10:45  KING A  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction
6906025  C1 TR 9:30-10:45  KING A  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction
6906030  C2 TR 9:30-10:45  KING A  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction
6906035  D1 MW 8:50-10:05  HAN G  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction
6906040  D2 MW 8:50-10:05  HAN G  MEETS: AUG 23-DEC 17
 Note: Course delivery is WWW

PUBLICITY METHODS PSYCH 305 3 CREDITS
Prereq: ENGL 250, SOPHOMORE CLASSIFICATION
 Note: JL MC, ADVRT AND P R MAJORS ARE NOT TO ENROLL IN JL MC 305. CREDIT DOES NOT APPLY TOWARD A DEGREE IN JL MC OR ADVRT OR P R
6911005  1 TR 9:30-10:45  WITZLING L  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction
6911010  2 TR 9:30-10:45  WITZLING L  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction
6911015  3 TR 9:30-10:45  JENSEN C  MEETS: AUG 23-DEC 17
 Note: Course delivery is On-site instruction
**PUBLIC RELATIONS**

**PR 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
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7171005 1 TR 10:00-11:50 WILGENBUSCH E
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7171010 2 MW 2:15-4:05 WILGENBUSCH E
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7171015 3 TR 8:00-9:50 HAAG E
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**Satisfactory-Fail Only.**
Department permission required.

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

***** SEE DEPT FOR REFERENCE NUMBERS

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**RELIGIOUS STUDIES**

**WORLD RELIGIONS** RELIG 205 3 CREDITS
Note: Meets international perspectives reqmt
6109005 1 MF 1:10-2:00 ARCHER G
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6109010 2 MF 8:50-9:40 ARCHER G
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6109015 3 TR 8:00-9:15 WILSON C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6109020 4 MF 11:00-12:15 CHILCOTT T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6109025 5 MF 12:05-12:55 CHILCOTT T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6109030 6 ARRANGED WILSON C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**RELIGION IN AMERICA** RELIG 210 3 CREDITS
Note: Meets U.S. diversity reqmt
6188005 1 MF 9:55-10:45 DEEES S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6188010 2 TR 10:10-11:15 CHASE C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6188015 3 MF 8:50-9:40 DEEES S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6188020 4 TR 11:00-12:15 WHEATLEY J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6188025 5 TR 12:40-2:00 WHEATLEY J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6188700 6 ARRANGED CHASE C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**CHRISTNTY:EARL-MEDV** RELIG 352 3 CREDITS
Note: Meets international perspectives reqmt
6247005 1 TR 9:30-10:45 WILSON C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**NATIVE AMER RELIGNS** RELIG 328 3 CREDITS
Note: Meets U.S. diversity reqmt
0291005 1 M 3:20-4:30 DEEES S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**AFRICANA RELIGIONS** RELIG 334 3 CREDITS
F Prereq: PRIOR COURSE WORK IN RELIG OR AF AM
RECOMMENDED
8636005 1 TR 12:40-1:55 CHASE C
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**WORLD RELIGIONS** RELIG 348 3 CREDITS
F Prereq: NINE CREDITS IN PSYCH
7036005 A1 TR 11:00-12:20 WADE N
MEETS: AUG 23-DEC 17
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY

7036010 A2 TR 11:00-12:20 WADE N
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH
Course delivery is On-site instruction

**PHILOS OF RELIGION** RELIG 350 3 CREDITS
F Prereq: 6 CREDITS IN PHILOSOPHY
6199005 1 TR 2:10-3:25 GEIRSON S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**RELIGIONS OF INDIA** RELIG 352 3 CREDITS
F Prereq: CREDIT IN ENGL 250
1436005 1 MF 2:15-3:05 CHILCOTT T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FALL 2021

**RELIGIOUS STUDIES (CONTINUED)**

**ISLAM**  
RESEV 358  3 CREDITS  
Prereq: CREDIT IN ENGL 250  
Note: Meets international perspectives reqmt  
3332005  1 MWF 11:00-11:50  ARCHER G  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

**RELIGION ANC GRACOM**  
RESEV 368  3 CREDITS  
Note: Meets international perspectives reqmt  
9901005  1 MWF 9:55-10:45  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**INDEPENDENT STUDY**  
RESEV 490  1-3 CREDITS  
Prereq: 6 CR in RELIGIOUS STUDIES; PERMISSION OF INSTRUCTOR; APPROVAL OF DEPT CHAIR  
Note: No more than 9 credits of RELIG 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
******  SEE DEPT FOR REFERENCE NUMBERS  

**INDEPENDENT STUDIES HONORS**  
RESEV 490H  1-3 CREDITS  
Prereq: 6 CR in RELIG, PERMISSION OF INSTRUCTOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
Note: No more than 9 credits of RELIG 490 MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY.  
Instructor permission required 1st week.  
******  SEE DEPT FOR REFERENCE NUMBERS

**SENIOR THESIS**  
RESEV 590  3 CREDITS  
******  SEE DEPT FOR REFERENCE NUMBERS

**RESEARCH & EVALUATION**

**INTRO EDUC RESEARCH**  
RESEV 550  3 CREDITS  
Note: COURSE RESTRICTED TO GRAD STUDENTS ONLY  
6211005  1 T 8:30-9:30PM  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
6211010  2 W 11:10-12:00  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
6211015  3 R 1:10-2:00  
MEETS: AUG 23-DEC 17  
Note: SEC 3 RESTRICTED TO GRAD STUDENTS  
6211700  4 ARRANGED  
MEETS: AUG 23-DEC 17  
Note: Course delivery is WWW

**BASIC EDUC STATIST**  
RESEV 552  3 CREDITS  
Note: COURSE RESTRICTED TO GRAD STUDENTS ONLY  
7368005  1 W 5:30-6:30PM  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

**INTRO QLTV RES MTHD**  
RESEV 580  3 CREDITS  
Note: COURSE RESTRICTED TO GRAD STUDENTS ONLY  
4059005  1 T 5:30-6:30PM  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**SPECIAL TOPICS**  
RESEV 590  1-3 CREDITS  
Prereq: GRADUATE STANDING  
******  SEE DEPT FOR REFERENCE NUMBERS

**SUPRVS FIELD EXPER**  
RESEV 591  2-4 CREDITS  
Prereq: RESEV 553 or RESEV 680  
******  SEE DEPT FOR REFERENCE NUMBERS

**PROGRAM ASSESS&EVAL**  
RESEV 597  3 CREDITS  
6218700  1 ARRANGED  
MEETS: AUG 23-OCT 15  
Note: Course delivery is WWW

**FOUND EDUC INQUIRY**  
RESEV 601  3 CREDITS  
Prereq: ADMISSION TO A DOCTORAL PROGRAM  
9509005  1 T 8:30-9:30PM  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  

**ADV QLTV INQUIRY ED**  
RESEV 604  3 CREDITS  
Prereq: RESEV 603  
0316005  1 R 5:30-8:20PM  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction

**RESEARCH & EVALUATION (CONTINUED)**  

**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.  
TESTOUT NOT AVAILABLE IF ALSO REGISTERED.  
6225005  1 TR 12:40-1:55  
ARRANGED  
MEETS: AUG 23-DEC 17  
Note: Course delivery is Hybrid (Online and F2F)  
Materials and equipment use fee $25.00  
6225010  2 ARRANGED  
MEETS: AUG 23-DEC 17  
Note: Course delivery is WWW  
Materials and equipment use fee $25.00

**INTERMED RUSSIAN I**  
RUS 201  4 CREDITS  
Prereq: RUS 102  
Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
Meets international perspectives reqmt  
6228005  1 TR 9:30-10:45  
ARRANGED  
MEETS: AUG 23-DEC 17  
Note: SEC 1 HYBRID  
Course delivery is On-site instruction  
Materials and equipment use fee $25.00

**RUSSIAN FOR PROFSNL**  
RUS 304  3 CREDITS  
Prereq: RUS 102  
Note: Meets international perspectives reqmt  
6835005  1 TR 11:00-12:20  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
Materials and equipment use fee $25.00

**RUS STU IN ENGL:WMN**  
RUS 370R  3 CREDITS  
Note: Meets international perspectives reqmt  
6782700  1 ARRANGED  
MEETS: OCT 18-DEC 17  
Note: SEC 1 TOPIC: WOMEN'S VOICES IN RUSSIA  
Course delivery is On-site instruction  
Materials and equipment use fee $25.00

**RUSIA TODAY**  
RUS 375  3 CREDITS  
7072700  1 ARRANGED  
MEETS: OCT 18-DEC 17  
Note: SEC 1 TOPIC: ROM GORBACHEV TO PUTIN. CONTEMPORARY RUSSIAN CULTURE  
Course delivery is WWW  
Materials and equipment use fee $25.00

**RUSSN FILM STU ENGL**  
RUS 378  3 CREDITS  
5090005  1 M 6:10-9:00PM  
MEETS: AUG 23-DEC 17  
Note: Course delivery is On-site instruction  
Materials and equipment use fee $25.00

**INDEPENDENT STUDY**  
RUS 490  1-6 CREDITS  
Prereq: 6 CR in RUSSIAN; PERMISSION OF DEPT CHAIR  
Note: No more than 9 credits in RUS 490 MAY BE APPLIED TOWARD GRADUATION.  
Permission of department chair required.  
******  SEE DEPT FOR REFERENCE NUMBERS

**INTERNSH IN RUSSIAN**  
RUS 499  1-3 CREDITS  
Prereq: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL; PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR  
Note: No more than 3 CREDITS in RUS 499 MAY BE APPLIED TOWARD GRADUATION IN THE MINOR  
Department permission required.  
Satisfactory-Fail Only.  
******  SEE DEPT FOR REFERENCE NUMBERS

**SEED TECHNOLOGY AND BUSINESS**

**STRATEGIC MANAGEMENT**  
STB 501  2 CREDITS  
Prereq: ADMISSION TO MS IN SEED TECHNOLOGY AND BUSINESS PROGRAM OR BY SPECIAL ARRANGEMENT WITH INSTR  
1897700  1 ARRANGED  
WRIGHT A  
MEETS: AUG 23-DEC 17  
Note: SEC 1 RESTRICTED TO STB GRADS. ALL OTHERS INTERESTED MUST GET PERMISSION FROM SEEDGAD@IASTATE.EDU  
Course delivery is WWW

**SEED TECHNOLOGY AND BUSINESS**

**STRATEGIC MANAGEMENT**  
STB 501  2 CREDITS  
Prereq: ADMISSION TO MS IN SEED TECHNOLOGY AND BUSINESS PROGRAM OR BY SPECIAL ARRANGEMENT WITH INSTR  
1897700  1 ARRANGED  
WRIGHT A  
MEETS: AUG 23-DEC 17  
Note: SEC 1 RESTRICTED TO STB GRADS. ALL OTHERS INTERESTED MUST GET PERMISSION FROM SEEDGAD@IASTATE.EDU  
Course delivery is WWW
SOCIOLOGY (CONTINUED)

RURL SOCIC TRANSITN SOC 230 3 CREDITS
6319005 1 TR 11:00-12:15 PEETERS D
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction

YOUTH & CRIME SOC 241 3 CREDITS
6350700 A1 ARRANGED HOUCHSTETET A
MEETS: AUG-DEC 17
Note: SEC A1 IS RESTRICTED TO CJ ST, C J, SOC MAJORS ONLY
Course delivery is WWW

SOC SCI RSRCH MLTHS SOC 302 3 CREDITS
Prereq: SOC 134; STAT 101; OR CONCURRENT ENROLLMENT IN STAT 101
6354005 1 TR 9:30-10:45
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction

COMMUNITY SOC 310 3 CREDITS
6321005 1 MF 11:00-12:00
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction

SEX & GENDER IN SOCIE SOC 327 3 CREDITS
Prereq: SOC 134
Meets U.S. diversity reqmt.
6352005 1 MF 11:00-11:50
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction

SOC CLASS & INEQUAL SOC 331 3 CREDITS
Prereq: SOC 134
Note: Meets U.S. diversity reqmt
6357005 1 ARRANGED DOBRATZ B
MEETS: AUG-DEC 17
Note: Course delivery is WWW

DEVIANT & CRIM BEHAV SOC 340 3 CREDITS
Prereq: SOC 134 OR CJ 240
6358700 A1 TR 3:40-4:55, ARRANGED BEHNKEN M
MEETS: AUG-DEC 17
Note: SEC A1 RESTRICTED TO SOC, P S A, AG SO, INDIS - CJ ST, C J, W S MAJORS ONLY.
Course delivery is On-site instruction

SOCIAL SCI RSRCH MTHDS SOC 348 3 CREDITS
Prereq: SOC 134
Note: Meets U.S. diversity reqmt.
6358705 A2 TR 3:40-4:55, ARRANGED BEHNKEN M
MEETS: AUG-DEC 17
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN SOC OR CJ ST, C J
Course delivery is On-site instruction

COMMUNTY SOC 348 3 CREDITS
Prereq: SOC 134
Note: Meets U.S. diversity reqmt.
6359005 1 MF 2:15-3:10 STEWART S
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction

ENVIRONMENTL SOCIL SOC 382 3 CREDITS
Prereq: SOC 134 OR 3 CREDITS OF ENV S
7713005 1 TR 8:00-9:15 BALAYAR R
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction

CONTEM SOC THEORIES SOC 401 3 CREDITS
Prereq: 3 CREDITS IN SOC
6365005 1 TR 11:00-12:15 KRIR D
MEETS: AUG-DEC 17
Note: Course delivery is On-site instruction
CRIM 6 JUV JUST PRAC SOC 460 3-12 CREDITS  
Prereq: JR/SR CLASSIFICATION; PERMISSION OF THE CRIMINAL JUSTICE COORDINATOR. May be applied for credit only once.  
Note: No more than 6 credits of CRIM 460 may be applied toward graduation. Students in the FAGS college may apply no more than 6 credits of CRIM 460 toward graduation.  
Note: SEE DEPT FOR REFERENCE NUMBERS  
Satisfactory-Fail Only.

6370005 1 ARRANGED DELISI M  
Note: Course delivery is on-site instruction

INDEP STUDY GEN SOC SOC 490A 1-3 CREDITS  
Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR  
Note: Students in the COLLEGE OF AGRICULTURE may apply no more than 6 credits of SOC 490 toward the total of 128 credits required for graduation. Students in the LAS college may apply no more than 9 credits of SOC 490 toward graduation.  
Note: SEE DEPT FOR REFERENCE NUMBERS

IND STUDY RURAL SOC SOC 490B 1-3 CREDITS  
Prereq: 6 CR IN SOC AND INSTRUCTOR PERMISSION

Note: Students in the COLLEGE OF AGRICULTURE may apply no more than 6 credits of SOC 490 toward the total of 128 credits required for graduation. Students in the LAS college may apply no more than 9 credits of SOC 490 toward graduation.  
Note: SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS SOC SOC 490H 1-3 CREDITS  
Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR, MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: Courses may be cancelled if the necessary number of students do not register.  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.

AGROECOSYMS ANAL SOC SOC 509 4 CREDITS  
Prereq: SENIOR OR GRADUATE CLASSIFICATION; PERMISSION OF INSTRUCTOR

Note: NO MORE THAN 9 CREDITS OF SOC 490 TOWARD GRADUATION. RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.

QUALITY RSRCH MTHOD SOC 513 3 CREDITS  
Prereq: SOC 401

RACE, CLS, GNDR INEQ SOC 534 3 CREDITS  
Prereq: 6 CREDITS IN SOC

QUALITY RSRCH MTHOD SOC 513 3 CREDITS  
Prereq: SEC DEPT FOR REFERENCE NUMBERS

SOFTWARE ENGINEERING

SOFTWARE ENGR ORIENT S E 101 R CREDIT  
Note: COURSE RESTRICTED TO E S MAJORS ONLY

SOFTWARE ENGR CAREERS S E 166 R CREDIT

RESEARCH RURAL SOC SOC 699B 1-8 CREDITS  
Note: SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GENERL SOC SOC 699A 1-8 CREDITS  
Note: SEE DEPT FOR REFERENCE NUMBERS
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Code</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Delivery</th>
<th>Meeting Times</th>
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<td>SPANISH TODAY</td>
<td>SPAN 323</td>
<td>3 CREDITS</td>
<td>Prereg: ONE SPAN COURSE AT THE 300 LEVEL</td>
<td>WWW</td>
<td>MEETS: AUG 23-DEC 17</td>
<td>$25.00</td>
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<td>SPAN 324</td>
<td>3 CREDITS</td>
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<td>SPAN 326</td>
<td>3 CREDITS</td>
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<td>WWW</td>
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<td>$25.00</td>
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<td>SEM LIT &amp; CULT</td>
<td>SPAN 351</td>
<td>3 CREDITS</td>
<td>Prereg: SPAN 303A OR SPAN 304</td>
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<td>SPANISH PRONUNCIATION</td>
<td>SPAN 352</td>
<td>3 CREDITS</td>
<td>Prereg: SPAN 303A OR SPAN 304</td>
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<td>SPAN 490</td>
<td>1–6 CREDITS</td>
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<td>SPANISH INTERNSHIP</td>
<td>SPAN 499</td>
<td>1–3 CREDITS</td>
<td>Prereg: 9 CREDITS OR ONE SPAN COURSE AT THE 300 LEVEL; PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR</td>
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SPANISH (CONTINUED)

STU HIS/PAN ART/FILM SPAN 526 3 CREDITS
Prereq: ONE SPAN COURSE AT THE 300 LEVEL
Note: Meets international perspectives reqmt
4728005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

SEM LIT&CULTR SPAN 540 3 CREDITS
Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333
(RECOMMEND SPAN 330 & SPAN 331)
7467005 1 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

SEM LIT&CULTR LATN AM SPAN 545 3 CREDITS
Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333
(RECOMMEND SPAN 330)
7468005 1 TR 9:30-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $25.00

SPL TOP LINGUISTICS SPAN 590B 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 6 CR 400-LEVEL SPAN
2588005 1 ARRANGED
MEETS: AUG 23-DEC 17

SPECIAL EDUCATION

EXCEPTIONAL LEARNER SP ED 250 3 CREDITS
Prereq: EDUC 204 OR EDUC 205
6452005 1 MWF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTR INST M/M DSAB SP ED 330 3 CREDITS
Prereq: SP ED 250 AND EDUC 2601, CONCURRENT ENROLLMENT IN SP ED 337; ADMITTED TO THE EDUCATOR PREPARATION PROGRAM.
Note: ADMISSION TO EDUCATOR PREPARATION PROGRAM
2260005 1 TR 1:10-2:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2260010 2 TR 2:45-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

EXCEP LRN GEN CLASS SP ED 334 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN SP ED 330; ADMITTED TO EDUCATOR PREPARATION PROGRAM
6461005 1 TR 2:45-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
6461010 2 TR 1:10-2:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TCH SCDRY EXCEP GEN SP ED 401 3 CREDITS
Prereq: ADMITTED TO THE EDUCATOR PREPARATION PROGRAM
5059005 1 TR 8:00-9:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ASMT/INSTR INCLS K3 SP ED 405 4 CREDITS
Prereq: SP ED 250 OR EQUIVALENT, EDUC 377, EDUC 438; ADMITTED TO EDUCATOR PREPARATION PROGRAM; CONCURRENT ENROLLMENT IN SP ED 458, EDUC 433, EDUC 434, EDUC 467.
5773005 1 MW 11:00-1:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SUPV STUDENT TEACHG SP ED 416 VAR. CREDITS
Prereq: ADMITTED TO EDUCATOR PREP FREG, SENIOR CLASSIFICATION, MAJOR IN ELEMENTARY EDUC, SP ED 330, SP ED 334, SP ED 365, SP ED 436, SP ED 439, EDUC 2801, EDUC 452.
Note: Department permission required 1st week.
3286005 1A ARRANGED
MEETS: AUG 23-OCT 15
Note: SEC 1A OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING IN CENTRAL IOWA.
Professional support, field trips /or travel fee $225.00

3286010 1R ARRANGED
MEETS: AUG 23-OCT 15
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.
Professional support, field trips /or travel fee $225.00

3286015 2A ARRANGED
MEETS: OCT 18-DEC 17
Note: SEC 2A OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING IN CENTRAL IOWA.
Professional support, field trips /or travel fee $225.00

SPECIAL EDUCATION (CONTINUED)

SUPV STUDENT TEACHG SP ED 416 VAR. CREDITS
3286020 2R ARRANGED
MEETS: OCT 18-DEC 17
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.
Professional support, field trips /or travel fee $225.00

PRE-TCHG III:M/M K3 SP ED 458 1 CREDIT
Prereq: EDUC 377, EDUC 438, ADMISSION TO EDUCATOR PREPARATION PROGRAM
5841005 1 AUG 23-DEC 17
Note: SEC 1 IN SCHOOLS 9/21-10/21. MUST BE AVAILABLE M/W 7:30 TO 6:30
Course delivery is On-site instruction
Professional support, field trips /or travel fee $87.50

PRE-TCHG III:M DSBL SP ED 458 1 CREDIT
Prereq: SP ED 330, SP ED 334, SP ED 365, SP ED 436; ADMITTED TO EDUCATOR PREPARATION PROGRAM
1883005 1 AUG 23-DEC 17
Note: Course delivery is On-site instruction

SPECIAL ED SEMINAR SP ED 460 1 CREDIT
Prereq: SP ED 365, SP ED 436
7963005 1 W 5:30-8:20PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INDEPENDENT STUDY SP ED 490 1-5 CREDITS
Prereq: 12 CR IN ED
Note: Department permission required 1st week.
7963015 1 W 5:30-8:20PM
Note: SEE DEPT FOR REFERENCE NUMBERS

TCH STRUGL ADOL RDR SP ED 553 3 CREDITS
Prereq: TEACHING LICENSE OR SENIOR CLASSIFICATION
7663005 1 W 5:30-8:20PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SPECIAL TOPICS SP ED 590 1-5 CREDITS
Prereq: 6 CREDITS IN EDUC
5773005 1 W 5:30-8:20PM
Note: SEE DEPT FOR REFERENCE NUMBERS

SUPV FLD EXP BHV/DS SP ED 591K 1-6 CREDITS
Prereq: 15 GRAD CREDITS IN SPECIAL AREA; ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION
8643005 1 W 5:30-8:20PM
Note: SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SP ED 599 1-5 CREDITS
Prereq: 15 CREDITS IN EDUCATION
5773005 1 W 5:30-8:20PM
Note: SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SP ED 699 VAR. CREDITS
Prereq: 15 CREDITS IN EDUCATION
5773005 1 W 5:30-8:20PM
Note: SEE DEPT FOR REFERENCE NUMBERS

SPEECH COMMUNICATION

LISTENING SP CM 110 3 CREDITS
6418005 1 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FUND PUBLIC SPEAKING SP CM 212 3 CREDITS
8643005 1 TR 9:30-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

FUND PUBLIC SPEAKING SP CM 212 3 CREDITS
8643010 2 MWF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

8643015 1 MWF 8:50-9:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

8643020 4 TR 12:40-2:00
MEETS: AUG 23-DEC 17
Note: SEC 4 RESTRICTED TO AGBIO, BIOLA, GEN, GENPV, NRS A, PNMSA, MICR, BSE, BIOCH, BIL, PBPMI MAJORS
8643025 5 MWF 9:55-10:45
MEETS: AUG 23-DEC 17
Note: SEC 5 RESTRICTED TO AGBIO, BIOCH, BIOLA, BSE, GEN, GENPV, NRS A, P MED, PBPMI, PNMSA MAJORS ONLY.
Course delivery is On-site instruction

8643030 6 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

8643035 7 MWF 11:00-11:50
MEETS: AUG 23-DEC 17
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**Special Projects**

- SP CM 290, 1-2 credits
- Prereq: 3 credits in SP CM; permission of program director.

---

**RHETORICAL ANALYSIS**

- SP CM 310, 3 credits
- Prereq: ENGL 250
- Note: SEC 1, 2, 3 RESTRICTED TO SP CM MAJORS;
- Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN ENGL, SP CM.

---

**BUSINESS & PRO SPEAKING**

- SP CM 312, 3 credits
- Prereq: SP CM 212
- Note: SEC A1, B1 RESTRICTED TO ENGL, TCMM, SP CM MAJORS;
- Note: SEC A2, B2 FOR MAJORS OTHER THAN ENGL, TCMM, SP CM.

---

**SPEECH COMMUNICATION**

- SP CM 216, 3 credits
- Prereq: Meet U.S. diversity regent.

---

**ARGUMENTATIVE THINKING**

- SP CM 322, 3 credits
- Prereq: Instructor permission required 1st week.

---

**Gender & Communication**

- SP CM 323, 3 credits
- Prereq: Meet U.S. diversity regent.

---

**ANLYS POP CULTR**

- SP CM 275, 3 credits
- Prereq: ENGL 250 OR EQUIVALENT

---

**GREAT AMERICAN SPEECHES**

- SP CM 215, 3 credits
- Note: Course delivery is On-site instruction

---

**RHETORICAL ANALYSIS**

- SP CM 310, 3 credits
- Prereq: ENGL 250

---

**BUSINESS & PRO SPEAKING**

- SP CM 312, 3 credits
- Prereq: SP CM 212

---

**SPEECH COMMUNICATION**

- SP CM 216, 3 credits
- Note: Course delivery is On-site instruction
### Statistics

**PRN of Statistics**

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<tr>
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**Intro to Statistics**

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**Statistics Orientation**

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**Intro Business Stat I**

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### Course Details

- **Semnr Argumentation** (Fall 2021)
- **Teaching Speech**
- **Communic Internship**
- **Special Topics**
- **Core Std Composin**
- **Core Stu:Pro Cumnic**
- **Statistics**
- **Intro to Statistics**
- **Statistics Orientation**
- **Intro Business Stat I**

Note: For more information, please visit [Registrar's website](http://www.registrar.iastate.edu).
### FALL 2021

**STATISTICS (CONTINUED)**

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**ENGINEERING STAT**

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Note: Course delivery is On-site instruction
STATISTICS (CONTINUED)

EMPRCL MTHD CMP SCI STAT 483 3 CREDITS
Prereq: STAT 330 OR EQUIVALENT COURSE, MATH 166, KNOWLEDGE OF LINEAR ALGEBRA
Note: CREDIT FOR ONLY ONE OF STAT 430, STAT 483, OR STAT 583 MAY BE APPLIED TO GRADUATION. MAY NOT BE USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND PH D DEGREE PROGRAMS

6531005 1 TR 2:10-3:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CMPTR SCI DATA STAT 484 3 CREDITS
Prereq: STAT 301 OR STAT 326 OR STAT 401 OR STAT 587
Note: CREDIT FOR ONLY ONE OF STAT 479, STAT 484, OR STAT 586 MAY BE APPLIED TO GRADUATION. MAY NOT BE USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND PH D DEGREE PROGRAMS

6526005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INDEPENDENT STUDY STAT 490 VAR. CREDITS
Prereq: 10 CREDITS IN STATISTICS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARDS GRADUATION

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SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS STAT 490H VAR. CREDITS
Prereq: 10 CR IN STAT, MEMBERSHIP IN HONORS PROC
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARDS GRADUATION

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SEE DEPT FOR REFERENCE NUMBERS

STATISTICAL METHODS I STAT 500 4 CREDITS
Prereq: STAT 447 OR STAT 587 OR CURRENT ENROLLMENT IN STAT 542; KNOWLEDGE OF MATRIX ALGEBRA

6529005 1 MWF 9:55-10:45
T 11:30-4:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

STATISTICAL METHODS II STAT 520 3 CREDITS
Prereq: STAT 510, STAT 523, STAT 542 OR STAT 588

487600 1 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

487600 2 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is WWW

APPLIED STATISTICAL PROGRAM STAT 526 3 CREDITS
Prereq: ADMISSION TO MASTER OF BUSINESS ANALYTICS PROGRAM
Note: CREDIT IN STAT 526 MAY NOT BE APPLIED TOWARD GRADUATE CREDIT IN THE STATISTICS PROGRAMS RESTRICTED TO SOC, ISBA GRADUATE STUDENTS

9455700 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: REstricted to BUSINESS ANALYTICS STUDENTS. RESTRICTED TO SOC, ISBA GRADUATE STUDENTS
Course delivery is WWW

VISUAL STATISTICAL ANALYTICS STAT 528 3 CREDITS
Prereq: ADMISSION TO THE MASTER OF BUSINESS ANALYTICS PROGRAM
Note: CREDIT IN STAT 528 MAY NOT BE APPLIED TOWARD GRADUATE CREDIT IN THE STATISTICS PROGRAM

9456700 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: RESTRICTED TO BUSINESS ANALYTICS STUDENTS.
Course delivery is WWW

THY PROBABILITY STAT 542 4 CREDITS
Prereq: MATH 414
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARDS GRADUATION BY DIETITICS STUDENTS: DIT 554, STAT 401, STAT 495, STAT 542

6546005 1 MF 8:50-9:40
TR 9:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TIME SERIES ANALYSIS STAT 551 3 CREDITS
Prereq: STAT 447 OR STAT 542 OR STAT 588

4590005 1 MF 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

STATISTICS (CONTINUED)

STOCHASTIC PROC MODEL STAT 554 3 CREDITS
Prereq: STAT 542

6617005 1 MWF 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO EXPERIMENTAL DESIGN STAT 571 3 CREDITS
Prereq: STAT 301 OR STAT 326 OR STAT 401 OR STAT 587
Note: CREDIT IN ONLY ONE OF STAT 402, STAT 471, OR STAT 571 MAY BE APPLIED TO GRADUATION. MAY NOT BE USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND PH D DEGREE PROGRAMS

0229005 1 MF 2:15-3:05
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO MULTIVARIATE ANALYSIS STAT 575 3 CREDITS
Prereq: STAT 301 OR STAT 326 OR STAT 401 OR STAT 587; KNOWLEDGE OF MATRIX ALGEBRA
Note: CREDIT FOR ONLY ONE OF STAT 407, STAT 475, OR STAT 575 MAY BE APPLIED TO GRADUATION. MAY NOT BE USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND PH D DEGREE PROGRAMS

0234005 1 TR R 12:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

AN INTRODUCTION TO R STAT 579 1 CREDIT
Prereq: ENROLLMENT IN STAT 500

6552005 1 R 12:10-2:00
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO MAJORS ONLY
Course delivery is On-site instruction

0252010 1 T 12:10-2:00
MEETS: AUG 23-DEC 17
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN STAT
Course delivery is On-site instruction

REGRESSION ANALYSIS STAT 582 3 CREDITS
Prereq: STAT 301 OR STAT 326 OR STAT 401 OR STAT 587
Note: CREDIT FOR ONLY ONE OF STAT 404, STAT 482, OR STAT 582 MAY BE APPLIED TO GRADUATION. MAY NOT BE USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND PH D DEGREE PROGRAMS

0238005 1 TR 11:00-11:50
F 12:00-12:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

EMPRCL MTHD CMP SCI STAT 583 3 CREDITS
Prereq: STAT 330 OR EQUIVALENT COURSE, MATH 166, KNOWLEDGE OF LINEAR ALGEBRA
Note: CREDIT FOR ONLY ONE OF STAT 430, STAT 483, OR STAT 583 MAY BE APPLIED TO GRADUATION. MAY NOT BE USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND PH D DEGREE PROGRAMS

0239005 1 TR 2:10-3:25
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CMPTR SCI DATA STAT 584 3 CREDITS
Prereq: STAT 301 OR STAT 326 OR STAT 401 OR STAT 587
Note: CREDIT FOR ONLY ONE OF STAT 404, STAT 482, OR STAT 582 MAY BE APPLIED TO GRADUATION. MAY NOT BE USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND PH D DEGREE PROGRAMS

0240005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

STATISTICS FOR SCIENTISTS STAT 587 4 CREDITS
Prereq: ONE OF THE FOLLOWING: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226, OR EQUIVALENT UNDERGRAD LEVEL APPLIED STATISTICS COURSE; OR PERMISSION OF DEPARTMENT
Note: CREDIT IN STAT 587 MAY NOT BE APPLIED TOWARDS GRADUATION AS GRADUATE CREDIT IN STATISTICS MS AND PH D DEGREE PROGRAMS. CREDIT IN EITHER STAT 587 OR STAT 401, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

3680005 1 MF 1:10-2:00
R 12:10-2:00
MEETS: AUG 23-DEC 17
Note: SEC 1 FOR ENGINEERING, PHYSICAL SCIENCES MAJORS
Instructor permission required 1st week.

3680010 2 MF 8:50-9:40
W 12:00-1:55
MEETS: AUG 23-DEC 17
Note: SEC 2 FOR AG COLLEGE AND VET COLLEGE MAJORS, A E, B E, BCB, BIDC, BOT S, D EX, D EXH, DIETH, EE, EEB, EEOB, FS H, FSNNH, GDCB, GDCBS, GENET, HEP, HMBIO, HMBG, HMBR, HMBW, HMBZ, HN, HUTR, H PHY, HFDX, PLBIO, SUSAG, TOX, ZIGNS
Instructor permission required 1st week.

3680015 3 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 3 RESTRICTED TO STUDENTS IN THE AG AND VET MED COLLEGES
Instructor permission required 1st week.
**SUPPLY CHAIN MANAGEMENT**

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<td>Note: Course delivery is On-site instruction</td>
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<tr>
<td>1629095</td>
<td>M1 MGMT 3:45-5:15</td>
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<td>1629100</td>
<td>N1 MGMT 3:45-5:15</td>
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<td>1629105</td>
<td>O1 MGMT 3:45-5:15</td>
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<td>STAT 101</td>
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<td>1629110</td>
<td>P1 MGMT 3:45-5:15</td>
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<td>STAT 101</td>
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<td>Note: Course delivery is On-site instruction</td>
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<td>1629115</td>
<td>Q1 MGMT 3:45-5:15</td>
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<td>STAT 101</td>
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<td>1629120</td>
<td>R1 MGMT 3:45-5:15</td>
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<td>Note: Course delivery is On-site instruction</td>
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<td>1629125</td>
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<td>Note: Course delivery is On-site instruction</td>
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<td>1629130</td>
<td>T1 MGMT 3:45-5:15</td>
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<td>STAT 101</td>
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<td>Note: Course delivery is On-site instruction</td>
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<td>1629135</td>
<td>U1 MGMT 3:45-5:15</td>
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<td>1629140</td>
<td>V1 MGMT 3:45-5:15</td>
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<td>STAT 101</td>
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<td>Note: Course delivery is On-site instruction</td>
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<td>1629145</td>
<td>W1 MGMT 3:45-5:15</td>
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<td>1629155</td>
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<td>1629160</td>
<td>Z1 MGMT 3:45-5:15</td>
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<td>STAT 101</td>
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<td>Note: Course delivery is On-site instruction</td>
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</table>

**STUDENT SERVICES**

- **Registrar**
  - [Website](http://www.registrar.iastate.edu)
  - [Registrar's Office](http://www.registrar.iastate.edu)

**Academic Programs**

- [Graduate Studies](http://www.registrar.iastate.edu/graduate)
- [Undergraduate Programs](http://www.registrar.iastate.edu/undergraduate)

**Contact Information**

- [Registrar's Office](http://www.registrar.iastate.edu)
- [Graduate Office](http://www.registrar.iastate.edu/graduate)

**Important Dates**

- **Spring 2023**
  - [Registration Dates](http://www.registrar.iastate.edu)
  - [Deadlines](http://www.registrar.iastate.edu)

**Instructional Methods**

- [Hybrid Courses](http://www.registrar.iastate.edu/hybrid)
- [Online Courses](http://www.registrar.iastate.edu/online)

**Financial Aid**

- [Funding Opportunities](http://www.registrar.iastate.edu/funding)
- [Scholarships](http://www.registrar.iastate.edu/scholarships)

**Academic Calendar**

- [Course Schedule](http://www.registrar.iastate.edu/schedule)
- [Exam Schedule](http://www.registrar.iastate.edu/exams)

**Student Life**

- [Student Activities](http://www.registrar.iastate.edu/student-life)
- [Campus Resources](http://www.registrar.iastate.edu/campus-resources)

**Library Resources**

- [Online Library](http://www.lib.iastate.edu)
- [E-Journals](http://www.lib.iastate.edu/e-journals)

**Campus Maps**

- [Main Campus](http://www.registrar.iastate.edu/maps)
- [Downtown Campus](http://www.registrar.iastate.edu/maps)

**Contact Us**

- [Registrar's Office](http://www.registrar.iastate.edu)
- [Graduate Office](http://www.registrar.iastate.edu/graduate)

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- [Graduate Office](http://www.registrar.iastate.edu/graduate)
SUPPLY CHAIN MANAGEMENT (CONTINUED)

PROJECT MANAGEMENT SCM 340 3 CREDITS
7426020 4 TR 5:10-6:25PM BEARD J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PROCSS MGT, AN IMPRV SCM 424 3 CREDITS
Prereq: SCM 301
Note: COURSE RESTRICTED TO ACCT, ASCI, BUS S, BUS U, BUS SEC, ENTSP, FIN, MGMT, MIS, MRT, SCM UNDERGRAD MAJ.
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
5287005 1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5287010 2 MWF 11:00-1:10 OVERSTREET R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5287015 3 MWF 7:45-8:35
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SUPPLY CHAIN INFO SY SCM 440 3 CREDITS
Prereq: MIS 301, SCM 301
6856050 A1 MW 2:15-3:30
MEETS: AUG 23-DEC 17
Note: SEC A1 RESTRICTED TO MIS, SCM MAJORS ONLY.
Course delivery is On-site instruction
6856010 A2 MW 2:15-3:30
MEETS: AUG 23-DEC 17
Note: SEC A2 RESTRICTED TO MIS, SCM MAJORS ONLY.
Course delivery is On-site instruction

ERP SYS & SUPPLY CHAIN SCM 450 3 CREDITS
Prereq: SCM 301, MIS 301 OR I E 148, I E 341
Note: COURSE RESTRICTED TO MIS, SCM MAJORS, GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
8120005 1 MWF 9:55-10:45 KOHNKE E
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SPLY CHN PLAN & CONTROL SCM 453 3 CREDITS
Prereq: SCM 301
Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS MAJORS EXCEPT F BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
4729005 1 MWF 8:50-9:40 MONTABON F
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4729010 2 TR 11:00-12:15 CLOTTEY T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4729015 3 TR 5:10-6:25PM CLOTTEY T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

DECISION TOOLS LOG & OP SCM 460 3 CREDITS
Prereq: SCM 301
Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS UNDERGRAD MAJORS ONLY. COURSE NOT OPEN TO F BUS. COLLEGE OTHER THAN BUSINESS, COURSE NOT OPEN TO GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
6790005 1 MWF 8:50-9:40 SUZUKI Y
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
6790010 2 MWF 9:55-10:45 SUZUKI Y
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
6790015 3 MWF 12:05-12:55 DENIZEL-KARAKAYA
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRIN TRANSPORTATION SCM 461 3 CREDITS
Prereq: SCM 301
Note: COURSE RESTRICTED TO BUSINESS UNDERGRAD MAJORS EXCEPT F BUS.
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD
6791005 1 TR 12:40-1:55 CRUM M
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
6791010 2 TR 3:40-4:55 BOTTENFIELD K
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

TRANSPORTATION MGT SCM 462 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN SCM 461
6792005 1 TR 1:10-3:20 CRUM M
MEETS: AUG 23-DEC 17
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS EXCEPT F BUS.
Course delivery is On-site instruction

SUPPLY CHAIN MANAGEMENT (CONTINUED)

GLOBL TRADE MANAGMT SCM 466 3 CREDITS
Prereq: SCM 301
Note: COURSE RESTRICTED TO COLLEGE OF BUS UNDER GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
6793005 1 TR 8:00-9:15 CHEN H
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PRIN PRCHEASPLY MGT SCM 486 3 CREDITS
Prereq: SCM 301
Note: COURSE RESTRICTED TO ACCT, ASCI, BUS AN, BUS S, BUS U, BUS SEC, ENTSP, FIN, MGMT, MIS, MRT, SCM UNDERGRAD. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
4788005 1 MN 11:00-11:50 KOHNKE E
ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 1 IS A HYBRID CLASS THAT WILL MEET MON AND WED IN A CLASSROOM WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE (ONLINE REPRESENTED BY ‘ARRANGED’).
Course delivery is Hybrid (Online and F2F)
4788010 2 MW 3:20-4:10 SMITH E
ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 2 IS A HYBRID CLASS THAT WILL MEET MON AND WED IN A CLASSROOM WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE.
Course delivery is Hybrid (Online and F2F)

INDEPENDENT STUDY SCM 490 1–3 CREDITS
Prereq: SCM 301, SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Department permission required.

CASE PRACTICUM SCM 495 3 CREDITS
Prereq: SCM 301
Note: COURSE RESTRICTED TO MAJORS ONLY. CLASS WILL MEET MONDAY & WEDNESDAY IN CLASSROOM WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE.
4577005 1 M 12:05-6:45M SMITH E
ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

STRATEGIC ANALYSIS SCM 524 3 CREDITS
Prereq: SCM 301 OR PERMISSION OF INSTRUCTOR
8590700 1 ARRANGED DENIZEL-KARAKAYA
MEETS: AUG 23-DEC 17
Note: RESTRICTED TO BUSINESS GRADUATE STUDENTS.
Course delivery is Hybrid

PURCHASING & SUPPLY MGT SCM 563 3 CREDITS
Prereq: SCM 501 OR PERMISSION OF INSTRUCTOR
Note: RESTRICTED TO GRADUATE STUDENTS
7251700 1 W 5:00-5:50 CANTOR D
ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 1 REQUIRED ONLINE CONFERENCE MEETINGS ARE TO BE HELD ON WEDNESDAYS FROM 5:00-5:15PM. ALL OTHER CONTENT WILL BE DELIVERED ASYNCHRONOUSLY. CONTACT COURSE INSTRUCTOR FOR MORE INFORMATION
Course delivery is WWW

SPECIAL TOPICS SCM 590 1–3 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
Note: RESTRICTED TO BUSINESS GRADUATE STUDENTS

SEMINAR IN PURCHASING SCM 603 3 CREDITS
Prereq: SCM 601 OR CONCURRENT ENROLLMENT
8039005 1 M 7:45-10:35 DAUGHERTY P
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

RERCH PRACTICUM I SCM 650 1 CREDIT
Prereq: ENROLLMENT IN THE PH D PROGRAM
Note: MUST BE A BUSAD PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION

RERCH PRACTICUM II SCM 651 1 CREDIT
Prereq: ENROLLMENT IN THE PH D PROGRAM
Note: MUST BE A BUSAD PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION

FALL 2021
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<th>Course Title</th>
<th>Type</th>
<th>Credits</th>
<th>Prerequisites</th>
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<td>4 CREDITS</td>
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<td><strong>TECHNOLOGY SYSTEMS MANAGEMENT</strong></td>
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<td><strong>INTRO TO TECHNOLOGY</strong> TSM 110</td>
<td>1 CREDIT</td>
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<td><strong>INTRO MFG PLASTICS</strong> TSM 241</td>
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<td><strong>INTRO MFG METAL</strong> TSM 240</td>
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TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

INTRO MFG PLASTICS TSM 241 2 CREDITS
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $75.00
PPIN INJURY PREVENT TSM 270 3 CREDITS
5625700 F 2 ARRANGED WRIGHT J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips &/or travel fee $30.00
MEETS: AUG 23-DEC 17
Note: Contact GP IDEA Coordinator for steps to enroll: either Casey Smith or Michelle Zander
AT AGONLINE@IASTATE.EDU OR 800-747-4478.
Course delivery is On-site instruction
Course delivery is WWW
Tuition Category: GPIDEA Consortium
Cmptr reqmgt: https://www.agonline.iastate.edu

TOTAL QUAL IMPROVMT TSM 310 3 CREDITS
Prereq: STAT 101 OR STAT 104, JR CLASSIFICATION
9202008 1 TR 1:10-2:50
MEETS: AUG 23-DEC 17
Note: Sec 1 RESTRICTED TO AST & I TEC MAJORS ONLY
Course delivery is On-site instruction
9202010 2 TR 1:10-2:50
MEETS: AUG 23-DEC 17
Note: Sec 2 FOR JRS AND SRS NOT AST, I TEC MAJORS
Course delivery is On-site instruction

BIORENEWABLE SYSMTS TSM 325 3 CREDITS
Prereq: CHEM 143 OR HIGHER; MATH 140 OR HIGHER
4747700 F 3 ARRANGED BRUMT T
MEETS: AUG 23-DEC 17
Note: Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium
Cmptr reqmgt: https://www.agonline.iastate.edu

ANIM PRODUCTION SYST TSM 327 3 CREDITS
Prereq: TSM 210
1362005 1 ARRANGED, M 3:20-5:10
MEETS: AUG 23-DEC 17
Note: Course delivery is Online (Hybrid and F2F)
TRACTOR POWER TSM 335 4 CREDITS
Prereq: TSM 210, MATH 145
Note: Course RESTRICTED TO AST, I TEC, M E MAJORS ONLY
1348005 1 MWF 9:15-10:45 M 11:00-1:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $30.00
1348010 2 MWF 9:15-10:45 M 3:20-6:10PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $30.00
1348015 3 MWF 9:15-10:45 W 11:00-1:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $30.00

FLUID PWR SYS TCNOL TSM 337 3 CREDITS
Prereq: TSM 210
3335005 1 M 8:50-9:40 T 9:30-11:20
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $50.00
3335010 2 M 8:50-9:40 T 12:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $50.00
3335015 3 M 8:50-9:40 T 4:10-6:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $50.00
3335020 4 M 8:50-9:40 M 3:20-5:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $50.00

ADV AUTOMA MFG PROC TSM 340 3 CREDITS
Prereq: TSM 210, TSM 216, TSM 240, MATH 151
Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY
4522005 1 M 7:45-8:35 W 2:35-4:05
MEETS: AUG 23-DEC 17
4522010 2 M 7:45-8:35 R 8:00-9:50
MEETS: AUG 23-DEC 17
4522015 3 M 7:45-8:35 R 10:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $100.00
4522020 4 M 7:45-8:35 R 1:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $100.00
4522025 5 M 7:45-8:35 R 3:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $100.00

ELECTR FOR AG&INDUS TSM 363 4 CREDITS
Prereq: TSM 215, MATH 145
6831005 1 TR 9:30-10:45 M 12:05-2:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $65.00
6831010 2 TR 9:30-10:45 M 3:20-6:10PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $65.00
6831015 3 TR 9:30-10:45 T 12:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $65.00
6831020 4 TR 9:30-10:45 W 12:05-2:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $65.00
6831025 5 TR 9:30-10:45 R 12:10-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials, field trips $/or travel fee $65.00

OCCUPATIONAL SAFETY TSM 370 3 CREDITS
Prereq: TSM 270, JUNIOR STANDING
7282005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: SEC 1 RESTRICTED TO JR & SR ONLY
7282710 2 ARRANGED WRIGHT J
FACILITY PLANNING TSM 444 3 CREDITS
Prereq: TSM 216; TSM 240; STAT 101 OR STAT 104
Note: Course delivery is On-site instruction

APPL NONDISTRTCV EVL TSM 490X 3 CREDITS
Prereq: MAT 140; TSM 240
Note: Course delivery is On-site instruction

FEED PROCESSGTECNL TSM 455 3 CREDITS
Prereq: JUNIOR CLASSIFICATION

AUTOMATION SYSTEMS TSM 465 3 CREDITS
Prereq: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY

RISK ANALYSIS 4MGMT TSM 477 3 CREDITS
Prereq: MAT 151; STAT 101 OR STAT 104

INDEP STUDY HONORS TSM 490H 1-4 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT

IND STY MANUFACTRG TSM 490I 1-4 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT

IND STY BIOSYS MGT TSM 490J 1-4 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT

IND STY MACHIN SY S TSM 490M 1-4 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT

IND STU OCCUP SAF T TSM 490C 1-4 CREDITS
Preq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT

WKSHP OCCUPA SAFETY TSM 493D 1-4 CREDITS
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2021. PERMISSION OF OCCUPATIONAL SAFETY CERTIFICATE ADVISER REQUIRED TO ADD. 493D MUST BE THE LAST COURSE TAKEN TO COMPLETE THE OCCUPATIONAL SAFETY CERTIFICATE. SATISFACTORY/FAIL Only.

GRADUATE SEMINAR TSM 599 1-3 CREDITS

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

IND STU OCCUP SAF T TSM 490C 1-4 CREDITS
Preq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT

WKSHP OCCUPA SAFETY TSM 493D 1-4 CREDITS
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2021. PERMISSION OF OCCUPATIONAL SAFETY CERTIFICATE ADVISER REQUIRED TO ADD. 493D MUST BE THE LAST COURSE TAKEN TO COMPLETE THE OCCUPATIONAL SAFETY CERTIFICATE.
UNIVERSITY STUDIES (CONTINUED)

FIRST-YR SMNR I:SCI U ST 101C 1 CREDIT
Prereq: ACCEPTANCE/PARTICIPATION IN SCIENCE
BOUND PROGRAM
Satisfactory-Fail Only.
5706005 1 M 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5706010 2 M 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
5713005 1 M 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)
5713010 2 M 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)
5713015 3 M 8:00-8:50
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)
5713020 4 T 9:00-9:50
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

CARVER FRESHM SEMNR U ST 105 1 CREDIT
Prereq: ACCEPTANCE IN CARVER ACADEMY PROGRAM,
GEORGE WASHINGTON CARVER SCHOLARSHIP RECIPIENT
Note: Meets U.S. diversity reqmt
2884005 1 M 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2884010 2 T 10:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2884015 3 R 10:00-10:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2884020 4 W 9:55-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
2884700 5 ARRANGED
MEETS: AUG 23-DEC 17
Note: INSTRUCTOR PERMISSION REQUIRED TO REGISTER
Instructor permission required.
Course delivery is WWW

INT’L FIRST YR SMNR U ST 110 1 CREDIT
8806005 1 M 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GWC/MVP SCHOLAR SMNR U ST 205 1 CREDIT
Prereq: U ST 106 OR U ST 102A; INTENDED PRIMARILY
FOR SOPHOMORES.
Note: Meets U.S. diversity reqmt
4183005 1 W 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
4183010 2 R 12:40-1:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SCI PRE-PRO SEMINAR U ST 207 1 CREDIT
Prereq: U ST 102B
Satisfactory-Fail Only.
9747005 1 M 12:25-1:15
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9747010 2 W 12:05-12:55
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MCNR: INTRO TO RES I U ST 301 2 CREDITS
Prereq: NEW FALL ADMIT TO THE RONALD E. MCNAIR
POSTBACCALAUREATE ACHIEVEMENT PROGRAM
6475005 1 M 4:25-5:15PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
6935005 1 W 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

CALS LIFE SKILL SEM U ST 303 1 CREDIT
Prereq: U ST 101D OR PERMISSION OF INSTRUCTOR,
JUNIOR, SENIOR, OR GRADUATE STUDENT CLASSIFICATION.
Note: COURSE RESTRICTED TO JR, SR, & GRADS ONLY.
9590005 1 M 11:00-11:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
9590010 2 M 12:05-1:55
MEETS: AUG 23-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

LEADERS SMNR II:HIXS U ST 312A 1 CREDIT
Prereq: U ST 311A
Satisfactory-Fail Only.
3091005 1 R 4:10-5:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MCNAIR SR SEMINAR I U ST 401 1 CREDIT
Prereq: U ST 302
Satisfactory-Fail Only.
6491005 1 T 6:00-8:00PM
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

unden design

WKSHP URB DSN MEDIA URB D 532 3 CREDITS
Prereq: GRADUATE STANDING, OR UNIVERSITY STUDIES CLASSIFICATION WITH INSTRUCTOR PERMISSION
4208005 1 T 12:40-3:30
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

adv dy inf exprc I VDPAM 402B 2 CREDITS
Prereq: VDPAM 402A
4987005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV DY INF EXPRC II VDPAM 402C 2 CREDITS
Prereq: VDPAM 402A, VDPAM 402B
5133005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADV DY INF EXP M VDPAM 402D 2 CREDITS
Prereq: VDPAM 402A, VDPAM 402B, VDPAM 402C
5162005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

VET PRACTICE MGT&ORG VDPAM 409 2 CREDITS
Prereq: CLASSIFICATION IN VETERINARY MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
8766005 1 ARRANGED
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

BOVIN REPROD EV LAB VDPAM 416 1 CREDIT
Prereq: 3RD YEAR CLASSIFICATION IN V MED.
10 STUDENTS PER SECTION.
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
5110005 1 M 1:10-5:00
MEETS: AUG 23-OCT 15
Note: Course delivery is On-site instruction
5110010 2 W 1:10-5:00
MEETS: AUG 23-OCT 15
Note: Course delivery is Hybrid (Online and F2F)
5110015 3 F 1:10-5:00
MEETS: AUG 23-OCT 15
Note: Course delivery is Hybrid (Online and F2F)
5110020 4 M 1:10-5:00
MEETS: OCT 18-DEC 17
Note: Course delivery is Hybrid (Online and F2F)
5110025 5 W 1:10-5:00
MEETS: OCT 18-DEC 17
Note: Course delivery is Hybrid (Online and F2F)
5110030 6 F 1:10-5:00
MEETS: OCT 18-DEC 17
Note: Course delivery is Hybrid (Online and F2F)

adv swi prd infpmcs VDPAM 419 1 CREDIT
Prereq: VDPAM 309 OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
8709005 1 T 7:00-7:50
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
VETERINARY CLINICAL SCIENCES

**APP DAIRY PROD MED** VDPAM 485 1-6 CREDITS
Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
5431005 1 ARRANGED GORDEN P
Note: Course delivery is On-site instruction

**LVSTK DISEASES PREVNT** VDPAM 487 3 CREDITS
6952005 1 M 11:00-12:30 BROWN J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**CLINIC MICROBIO LAB** VDPAM 488 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6950005 1 M 11:00-12:30 GORDEN P
Note: Course delivery is On-site instruction

**INDEPENDENT STUDY** VDPAM 490 1-5 CREDITS
9391005 1 ARRANGED
Note: See Dept for Reference Numbers

**ADV Ruminant NUTRIT** VDPAM 491 2 CREDITS
Prereq: VDPAM 350 IS RECOMMENDED
8100005 1 ARRANGED WANG C
Note: Course delivery is On-site instruction

**INTRO DNA TECHNIQS** VDPAM 542A 1 CREDIT
7389005 1 TR 1:10-4:00 MEETS: AUG 23-DEC 17
Note: Satisfactory-Fail Only.

**CLIN 6DIAGNOS TOXIC** VDPAM 546 1-3 CREDITS
7676005 1 ARRANGED RADKE S
Note: Course delivery is On-site instruction

**ADV VET DIAGNS PATH** VDPAM 551 1-3 CREDITS
8100005 1 ARRANGED WANG C
Note: See Dept for Reference Numbers

**SPECIAL TOPICS** VDPAM 590 1-3 CREDITS
Note: Instructor permission required.

**ADV’L PRECEPTORSHIP** VDPAM 596 1-12 CREDITS
7868005 1 ARRANGED
Note: Course delivery is On-site instruction

**CREATIVE COMPONENT** VDPAM 599 VAR. CREDITS
Prereq: ENROLLMENT IN NONTHESIS MASTER’S DEGREE PROGRAM

**SWINE DIAGNOSTIC MED** VDPAM 650 4 CREDITS
6907005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**ANTIMICROBIAL PHARM** VDPAM 654 2 CREDITS
5234005 1 ARRANGED GORDEN P
Note: Course delivery is On-site instruction

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

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**VET IN SOCIETY I** VCS 311 R CREDIT
Prereq: CLASSIFICATION IN VETERINARY MEDICINE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
5002005 1 W 4:25-5:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**VET IN SOCIETY II** VCS 313 1 CREDIT
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6064005 1 T 9:00-9:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**CLINICAL FOUNDATIONS I** VCS 339 1 CREDIT
Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
8079005 1 W 11:00-12:15 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**PRINCIP OF SURGERY** VCS 393 3 CREDITS
6869005 2 W 1:10-2:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**CLINICAL IMAGING I** VCS 391 1 CREDIT
Prereq: FIRST-YEAR CLASSIFICATION IN V MED
6868005 1 W 2:15-3:05 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

**CLINICAL CARDIOLOGY I** VCS 402 1 CREDIT
Prereq: THIRD OR FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE; VCS 444 OR CONCURRENT ENROLLMENT IN VCS 444
6871005 1 TR 12:10-1:00 MEETS: OCT 18-DEC 17
Note: Course delivery is On-site instruction

**ONCOLOGY** VCS 409 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
9213005 1 M 8:00-9:50 MEETS: AUG 23-DEC 17
VETERINARY CLINICAL SCIENCES (CONTINUED)

PRCEP COM AN/EQ VM V C S 419 2-6 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED, PERMISSION OF DEPARTMENT COMMITTEE
0590005 1 MTWRF 8:00-5:00 NOXON J
Note: Permission of instructor required. Process Approved slip in 275SA Vet Med.
Course delivery is On-site instruction

PRACTICUM V C S 420 R CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
4546005 1 MTWRF 8:00-5:00 NOXON J

ZOO PRECEPTORSHIP V C S 423 2-12 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE. COMPLETION OF V C S 405 AND/OR V C S 406X, OR PERMISSION OF INSTRUCTOR.
0536005 1 MTWRF 8:00-5:00 OLDS J

SM ANIM INTERMED VM V C S 436 3 CREDITS
Prereq: 3RD YR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
3915005 1 W 8:50-9:40 NOXON J
TR 9:00-9:50 NOXON J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

SM ANIM SHELTER MED V C S 437 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course delivery is On-site instruction
7944005 1 MTWR 8:00-5:00 CARNEVALE J

CANINE REHABILITATION V C S 441 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
9232005 1 MTWRF 8:00-12:00 BACILY R
Note: Course delivery is On-site instruction

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 M 7:45-8:35 NOXON J
F 8:50-9:40 NOXON J
TR 8:00-8:50 NOXON J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

EQUINE MEDICINE V C S 445 2 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6884005 1 T 11:00-2:00 KOPPER J
R 11:00-2:00 KOPPER J
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

EQUINE DIAGNOSIS SKILL V C S 447 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE - PREFERENCE TO EQUINE TRACK STUDENTS.
LIMITED TO 16 STUDENTS
9171005 1 MTWRF 8:00-5:00 SPONSELLER B
Note: Course delivery is On-site instruction

TRADITIONAL SURG LAB V C S 449B 3 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
Department permission required 1st week.
7662005 1 W 11:00-11:50 SWOR T
F 11:00-6:00PM SWOR T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $400.00
7662010 1 W 11:00-11:50 SWOR T
F 11:00-6:00PM SWOR T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $400.00
7662015 1 W 11:00-11:50 SWOR T
F 11:00-6:00PM SWOR T
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction
Materials and equipment use fee $400.00

CLINICAL 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 1 MTWR 8:00-5:00 NOXON J
Note: Course delivery is On-site instruction

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 1 MTWRFS 8:00-5:00 PALERME J
Note: Course delivery is On-site instruction

VETERINARY CLINICAL SCIENCES (CONTINUED)

SM AN SOFT ISS SUR V C S 455 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6891005 1 MTWRFS 8:00-5:00 AERTSENS A
Note: Course delivery is On-site instruction

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 1 MTWRFS 8:00-5:00 KRAUS K
Note: Course delivery is On-site instruction

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 1 MTWRFS 8:00-5:00 KOPPER J
Note: Course delivery is On-site instruction

EQUINE SURGERY V C S 458 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6894005 1 MTWRFS 8:00-5:00 CASTON S
Note: Course delivery is On-site instruction

SM AN OVERPOP OHMA V C S 459A 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
4050005 1 ARRANGED CARNEVALE J
Note: Course delivery is On-site instruction

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
4313005 1 ARRANGED CARNEVALE J
Note: Course delivery is On-site instruction

SM AN OVERPOP BOUL V C S 459D 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE TRAVELING TO BOULDER, CO
6542005 1 ARRANGED CARNEVALE J
Note: COURSE TRAVELING TO NORTH CAROLINA
6640005 1 ARRANGED CARNEVALE J
Note: Course delivery is On-site instruction

RADIOLOGY V C S 460 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6896005 1 MTWRFS 8:00-5:00 MILES K
Note: Course delivery is On-site instruction

 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 1 MTWRFS 8:00-5:00 KIBBEL B
Note: Course delivery is On-site instruction

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 1 MTWRFS 8:00-5:00 HOWARD J
Note: Course delivery is On-site instruction

FARRIER V C S 465 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
7756005 1 MTWRFS 8:00-5:00 ALLEBAUGH R
Note: Course delivery is On-site instruction

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 1 MTWRFS 8:00-5:00 KRAUS B
Note: Course delivery is On-site instruction

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 1 MTWRFS 8:00-5:00 CARNEVALE J
Note: Course delivery is On-site instruction

OPHTHALMOLOGY V C S 469 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6901005 1 MTWRFS 8:00-5:00 ALLEBAUGH R
Note: Course delivery is On-site instruction

VET CARDIOLOGY ROTAT V C S 475 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course delivery is On-site instruction
9128005 1 MTWRFS 8:00-5:00 TROPF M
Note: Course delivery is On-site instruction
VETERINARY CLINICAL SCIENCES  (CONTINUED)

EQUINE ANESTHESIOLOGY  V CS 476E  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved and slip in 2270A Vet Med.
7136005  1 MTWRF 8:00-5:00  KRAUS B
Note: Course delivery is On-site instruction

SM ANIML ANESTHESIO  V CS 476S  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved and slip in 2270A Vet Med.
7145005  1 MTWRF 8:00-5:00  KRAUS B
Note: Course delivery is On-site instruction

SM ANIML CRITICL CARE  V CS 478  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course delivery is On-site instruction

INTENSIVCRITICL CARE  V CS 478  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course delivery is On-site instruction

VETERINARY DENTISTRY  V CS 480  1 CREDIT
Prereq: THIRD OR FOURTH-YR CLASSIFICATION IN V MED
Note: Course restricted to Vet Med students only
2244005  1 ARRANGED  MULHERIN B
Note: Course delivery is On-site instruction

VET DENTISTRY ORAL SRG  V CS 482  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED;
COMPLETION OF PRIMARY CARE ROTATION OR FAMILIAR WITH THE PRIMARY CARE PROTOCOL; PROOF OF RABIES PROPHYLAXIS AND A PROTECTIVE TITER
8720005  1 ARRANGED
Note: Course delivery is On-site instruction

INDEPENDENT STUDY  V CS 490  VAR. CREDITS
Prereq: PERMISSION OF COURSE INSTRUCTOR-OF-RECORD AND SPONSORING V CS FACULTY
 Note: Course restricted to Vet Med students only
*******  SEE DEPT FOR REFERENCE NUMBERS

GRAND RND PRESENTN  V CS 495 R CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to fourth-year Vet Med students and department chair
6914005  1 F 7:45-8:35  SCACCIANOCE J
Note: Course delivery is On-site instruction

INT’L PRECEPTORSHIP  V CS 496  1-12 CREDITS
Prereq: CLASSIFICATION IN VET MED. PERMISSION OF COURSE INSTRUCTOR-OF-RECORD AND SPONSORING V CS FACULTY
Note: Course restricted to vet med students only
Satisfactory-Fail Only.
6094005  1 ARRANGED  NOXON J
Note: Course delivery is On-site instruction

SPL TOPICS MEDICINE  V CS 590A  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SURGERY  V CS 590B  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
*******  SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  V CS 599  VAR. CREDITS
Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
*******  SEE DEPT FOR REFERENCE NUMBERS

SEMINAR  V CS 604  1 CREDIT
6921005  1 ARRANGED  MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVANCED RADIOLOGY  V CS 640  2 CREDITS
Prereq: V CS 445
6922005  1 ARRANGED  MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVANCED MEDICINE  V CS 676  2 CREDITS
Prereq: V CS 445
6927005  1 ARRANGED  MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ADVANCED MEDICINE  V CS 677  2 CREDITS
Prereq: V CS 445
6928005  1 ARRANGED  MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

RESEARCH MEDICINE  V CS 699A  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MICROBIOLOGY & PREV MED

RESEARCH:CARDIOLOGY  V CS 699G  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

GLOBAL HEALTH  V MPM 360  3 CREDITS
Prereq: BIOL 211
Note: Meets international perspectives reqmt
0524005  1 ARRANGED  DAVIS R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

VETNRY MICROBIOLOGY  V MPM 386  5 CREDITS
Prereq: SECOND-YEAR CLASSIFICATION IN V MED
Note: Course restricted to second-year through fourth-year Vet Med students only
6942005  1 MN 8:50-9:40  GRIFFITH R
MN 3:50-5:00
F 9:55-10:45
F 2:15-3:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6942010  2 MN 8:50-9:40
MN 3:50-5:00
F 9:55-10:45
F 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

6942015  3 MN 8:50-9:40
MN 3:50-5:00
F 9:55-10:45
F 1:10-2:00
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PUBLIC HEALTH LAB  V MPM 486  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6951005  1 MWF 2:15-5:05  DAVIS R
TR 2:10-5:00
Note: Course delivery is On-site instruction

INDEPENDENT STUDY  V MPM 490  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Course restricted to Vet Med students only
1885005  1 ARRANGED  LUND L
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

CDC EPIDEM PRECEPTR  V MPM 491  6 CREDITS
Prereq: WRITTEN PERMISSION OF INSTRUCTOR
Note: Course restricted to Vet Med students only
7737005  1 TR 9:30-10:45
W 3:20-4:10
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GLOBAL HEALTH  V MPM 517  3 CREDITS
Prereq: 2-3 CREDITS IN MICROBIOLOGY AND/OR IMMUNOLOGY
7737005  1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

IMMUNOLOGY PRINCIPS  V MPM 520  3 CREDITS
Prereq: MICRO 310 OR 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
6955005  1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO DNA TECHNQS  V MPM 542A  1 CREDIT
Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
9663005  1 TR 9:30-10:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MEDICAL MICROBIOLOGY  V MPM 555  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
8271005  1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MEDICAL BACTERIOLOGY  V MPM 568  4 CREDITS
Prereq: 3 CR IN MICROBIOLOGY &/OR IMMUNOLOGY
Note: Course delivery is On-site instruction

VETERINARY CLINICAL SCIENCES  (CONTINUED)

GLOBAL HEALTH  V MPM 330  3 CREDITS
Prereq: BIOL 211
Note: Meets international perspectives reqmt
0524005  1 ARRANGED  DAVIS R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

PUBLIC HEALTH LAB  V MPM 486  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6951005  1 MWF 2:15-5:05  DAVIS R
TR 2:10-5:00
Note: Course delivery is On-site instruction

INDEPENDENT STUDY  V MPM 490  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Course restricted to Vet Med students only
1885005  1 ARRANGED  LUND L
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GLOBAL HEALTH  V MPM 517  3 CREDITS
Prereq: 2-3 CREDITS IN MICROBIOLOGY AND/OR IMMUNOLOGY
7737005  1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

IMMUNOLOGY PRINCIPS  V MPM 520  3 CREDITS
Prereq: MICRO 310 OR 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
6955005  1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO DNA TECHNQS  V MPM 542A  1 CREDIT
Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
9663005  1 TR 9:30-10:40
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MEDICAL MICROBIOLOGY  V MPM 555  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
8271005  1 TR 9:30-10:45
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

MEDICAL BACTERIOLOGY  V MPM 568  4 CREDITS
Prereq: 3 CR IN MICROBIOLOGY &/OR IMMUNOLOGY
Note: Course delivery is On-site instruction
ANATOMIC PATHOLOGY II V PTH 372 4 CREDITS
Prereq: V PTH 342
Note: Course restricted to Vet Med students only
5748005 1 MW 9:55-10:45
Note: Course delivery is on-site instruction
MEETS: AUG 23-DEC 17
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS
VET PARASITOLOGY V PTH 376 4 CREDITS
Prereq: Second-year classification in Vet Med
6999005 1 TR 11:00-11:50
Note: Course delivery is on-site instruction
MEETS: AUG 23-DEC 17
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS
CASE STUDY III V PTH 377 2 CREDITS
Prereq: Two-year classification in Vet Med
6956005 1 M 11:00-11:50
Note: Course delivery is on-site instruction
MEETS: AUG 23-DEC 17
Note: Instructor permission required.
INTRO TO PATHOLOGY V PTH 402 3 CREDITS
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
9538005 1 ARRANGED
Note: Course delivery is on-site instruction
MEETS: AUG 23-DEC 17
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS
NECROPSY LAB PRACTM V PTH 456 1 CREDIT
Prereq: Four-year classification in Vet Med
7007005 1 MTWRF 10:10-11:50
Note: Course delivery is on-site instruction
Materials and professional support fee $200.00
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS
SP TOP VET PATHOL V PTH 590A 1-4 CREDITS
Prereq: Permission of instructor
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS
VETERINARY PATHOLOGY (CONTINUED)
VETERINARY PATHOLOGY  (CONTINUED)

SPECIAL TOPICS V PTH 590E 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PATHOL V PTH 599A VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PARASIT V PTH 599B VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

PATHOL CASE SEMINAR V PTH 604 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
Satisfactory-Fail Only.
7027005 1 R 12:10-1:00 ANDREASEN C
Note: Course delivery is On-site instruction

CURR TOPICS SEMINAR V PTH 605 1 CREDIT
******** SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7029005 1 ARRANGED SMITH J
Note: Course delivery is On-site instruction

DIAG INTERP V PARAS V PTH 606B R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7030005 1 ARRANGED
Note: Course delivery is On-site instruction

HISTOPATH LAB ANHIL V PTH 679 2 CREDITS
Prereq: V PTH 570 OR V PTH 571; PERMISSION OF INSTRUCTOR
4513005 1 ARRANGED
Note: Course delivery is On-site instruction

VET PATHOLOGY RSRCH V PTH 699A VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

VET PARASITOLOGY RSRCH V PTH 699B VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

WIND ENERGY SCIENCE, ENGINEERING AND POL

WIND ENERGY SYSTEMS WESEP 502 3 CREDITS
Prereq: GRADUATE STANDING
4287000 1 MM 5:10-6:30PM MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

4287700 2 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

WIND ENRGY RES SMNR WESEP 594 1 CREDIT
Prereq: GRADUATE STANDING
9662005 1 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

WIND ENERGY SCIENCE, ENGINEERING AND POL

WOMEN'S AND GENDER STUDIES  (CONTINUED)

INTRO WOMN&GNDR STU WGS 201 3 CREDITS
Prereq: U.S. diversity reqmt
7058005 1 M 9:55-10:45 STOEHR A
WF 8:50-9:40 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7058010 2 M 9:55-10:45 STOEHR A
WF 9:55-10:45 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7058015 3 M 9:55-10:45 STOEHR A
WF 11:00-11:50 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

INTRO WOMN&GNDR STU WGS 202 3 CREDITS
Prereq: U.S. diversity reqmt
7058020 4 M 9:55-10:45 STOEHR A
WF 12:05-12:55 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7058025 5 M 9:55-10:45 STOEHR A
WF 11:10-12:00 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7058030 6 M 9:55-10:45 STOEHR A
WF 1:15-2:05 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7058035 7 M 9:55-10:45 STOEHR A
WF 3:20-4:10 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

7058725 8 ARRANGED MEETS: AUG 23-OCT 15
Note: Course delivery is WWW

7058720 9 ARRANGED MEETS: OCT 18-DEC 17
Note: Course delivery is WWW

7058710 10 ARRANGED MEETS: OCT 18-DEC 17
Note: Course delivery is WWW

7058715 11 ARRANGED MEETS: AUG 23-OCT 15
Note: Course delivery is WWW

7058705 13 ARRANGED MEETS: OCT 18-DEC 17
Note: Course delivery is WWW

INTRO QUEER STUDIES WGS 205 3 CREDITS
Prereq: ENGL 150
5940005 1 TR 3:40-4:55 MOOKERJEE R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GENDER&SEX AM POP CUL WGS 210 3 CREDITS
Prereq: U.S. diversity reqmt
9809005 1 TR 2:10-3:25 STOEHR A
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

WOMEN &GENDER INT'L WGS 301 3 CREDITS
Prereq: WGS 201 OR 3 CREDITS IN WGS AT 300 LEVEL OR ABOVE
Note: Meets international perspectives reqmt
7060005 1 ARRANGED MOOKERJEE R
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

WOMEN IN SCI & ENGR WGS 307 3 CREDITS
Prereq: A 200-LEVEL COURSE IN SCIENCE OR ENGR OR WOMEN'S STUDIES; ENGL 250
Note: Meets U.S. diversity reqmt
1111005 1 TR 3:30-4:45 KUKDAY S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

WRITE LIKE A WOMAN WGS 308 3 CREDITS
Prereq: ENGL 250
8493005 1 TR 3:30-4:45 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ECOFEMINISM WGS 320 3 CREDITS
Prereq: WGS 201 OR 3 CREDITS IN WGS AT THE 300 LEVEL OR ABOVE
Note: Meets U.S. diversity reqmt
6268005 1 ARRANGED ANDREWS S
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

ECON OF DISCRIMINAT WGS 321 3 CREDITS
Prereq: ECON 101
Note: Course delivery is On-site instruction
7070005 1 MF 11:00-11:50 ORAZEM P
MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

GENDER & COMMUNICATN WGS 323 3 CREDITS
Prereq: Meets U.S. diversity reqmt
3533005 1 TR 11:00-12:20 MEETS: AUG 23-DEC 17
Note: Course delivery is On-site instruction

3533700 2 ARRANGED MEETS: AUG 23-DEC 17
Note: Course delivery is WWW
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