Summer Session 2023
Session I May 15 - July 7
Session II June 12 - August 4
University Holidays May 29
July 4

Registration Start Dates for Summer 2023
Veterinary Medicine students: Tuesday, March 28
Graduate students: Tuesday, March 28 - Wednesday, March 29
All seniors: Thursday, March 30 - Friday, April 7
Projected juniors: Monday April 10 - Friday, April 14
Projected sophomores: Monday April 17 - Friday April 21
Continuing freshmen: Monday April 24 - Tuesday, April 25

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

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

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

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

Auditing Courses
You must register for a full semester course audit by day 10 of the semester. Instructors must approve all audits. Audited courses do not count toward determining full-time student status, but are considered the same as a credit course for fee assessment purposes and maximum number of credits allowed each semester. To find out specific deadlines for partial term courses, go the ISU index under Schedule Changes, or contact the Scheduling & Fees Office, 10 Enrollment Services Center, 294-1840.

Fee Payment Deadlines
Fee payment deadlines for Summer 2023 are May 20, June 20, and July 20 for deferred billing. A $20 deferred billing charge is assessed. Contact Accounts Receivables for information.

Graduation Information
If you plan to graduate Summer 2023, you need to complete a graduation application. If graduating, go to the ISU website index under Graduation and Commencement, click on students, then choose graduation application.

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

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

Schedule Changes
You can add/drop summer session I courses using AccessPlus Registration through Friday, May 19. You can initiate registration for summer session I courses using AccessPlus Registration through Friday, May 19. For additional schedule change deadlines go to the ISU index under Schedule Changes.
University Calendar Summer 2023

**Academic Calendars:**

Current term
[https://www.registrar.iastate.edu/calendar](https://www.registrar.iastate.edu/calendar)

After term is over go to Past Calendars and use drop down
[https://www.registrar.iastate.edu/calendar/past-calendars](https://www.registrar.iastate.edu/calendar/past-calendars)
Resources

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

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

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

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

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

Registration Hold Contacts
Accounts Receivables Office .........................................0880 Beardshear .................................................................294-7388
Admissions .................................................................100 Enrollment Services Center .................................................294-5836
Dean of Students Office .............................................1010 Student Services Building .................................................294-1021
Graduate College ..........................................................1137 Pearson .................................................................294-4531
International Students and Scholars 3241 Memorial Union .................................................................294-1120
Loans Receivable .........................................................0880 Beardshear .................................................................294-8747
Memorial Union .............................................................214 Memorial Union .................................................................294-0993
Multicultural Student Affairs 2080 Student Services Building .................................................................294-6338
Scheduling & Fees .........................................................10 Enrollment Services Center .................................................294-1840
Student Health .........................................................Thomas B. Thielen Student Health Center .................................................294-5801

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 2022-2023 catalog for specific requirements for admission. Applications are available through the Iowa State University home page, by clicking on “Apply” under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

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

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

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

Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, Scheduling & Fees area, 10 Enrollment Services Center, at 515-294-1840, 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,
515-294-1840

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

Business
1200 Gerdin
294-8430

Design
297 College of Design
294-6963

Engineering
1300 Marson
294-7186

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 & Records area at 10 Enrollment Services Center. Return all parts of the completed reentry form and related documentation to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking Students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work to the Office of Admissions, 100 Enrollment Services Center. Once reentry has been approved, the reentry form will be forwarded to the Office of International Students and Scholars for financial certification and visa eligibility. Questions related to financial certification or visas should be directed to the Office of International Students & Scholars, 3241 Memorial Union, at 515-294-1120, or by e-mail: 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 & Records area, 10 Enrollment Services Center, or faxed to 515-294-1840 well in advance of the beginning of the term for which reentry is sought. The Office of the Registrar will process the form, or refer the reentry form to the college to which a student plans to return if the student (a) desires to change curriculum; (b) has a previous Iowa State University cumulative grade point average below 2.00 or had a last term average below 2.00; (c) was dropped from Iowa State for unsatisfactory academic progress or was not otherwise in good standing; or (d) since leaving Iowa State, has completed additional college study with less than a 2.00 grade point average. Once approved, they will receive a letter from the Office of the Registrar with information about registration.

**How to Register**

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

**Returning Students**

**Undergraduate and Nondegree Students**

Non-international undergraduate and non-degree students, who have been away from Iowa State for less than 12 months and who were not academically dismissed, may contact the Office of the Registrar, Scheduling, Fees & Records area, at 515-294-1840 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their adviser to discuss course selection. These students do not need to complete a reentry form.

**Academically Dismissed**

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

**Graduate Students**

All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Scheduling, Fees & Records area, at 515-294-1840 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their major professor to discuss course selection. International graduate students must file a student financial statement for visa purposes. The form is available from International Students and Scholars, 252 Memorial Union, 515-294-1120, or e-mail: intlserv@iastate.edu.
Registration

To prepare to register for classes, you 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 your college.
- Course information from the Schedule of Classes at classes.iastate.edu/.
- Class Schedule Planner at planner.iastate.edu/.
- Other departmental information applicable to your curriculum.

To register, follow these steps:

1. Meet with your academic adviser, who will provide the following:
   a. degree audit.
   b. guidance in course selection
   c. Registration Authorization Card, with RAN, if applicable.

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

3. Review your registration start date/time information and any registration hold information on AccessPlus, under Current Information. You must resolve holds on your 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 late July.

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

Initiating Registration

The last day to initiate a new registration for through AccessPlus registration or the Scheduling & Fees Office in 10 Enrollment Services Center for Summer 2023 full-12 week classes is Friday, May 12.

Cancelling Registration

To avoid tuition assessment notify the Office of the Registrar by 4 p.m. one business day before the course begins, of intent to cancel registration, or drop all classes on AccessPlus by 11 p.m. the night before the course begins. 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 currently do not require a RAN are Business, Veterinary Medicine, and the Graduate College. Since students will be held accountable for all changes made to the schedule through AccessPlus, do not share this number. Students will be assigned a new RAN 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 your schedule for time conflicts.
- If you 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 your schedule.
- Entering the Registration Access Number (RAN) is no longer required once courses exist on your schedule. If you are already registered, you won’t need to enter the RAN again to change your schedule.
- If you 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 you are in a learning community, you must add the learning community reference number first before other courses exist on your schedule. You cannot drop a L TM without dropping all associated courses.
Schedule of Classes

http://classes.iastate.edu/

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

Schedule Planner

http://planner.iastate.edu/

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

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

AccessPlus

https://accessplus.iastate.edu/

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

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

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

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 Changes

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

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

Period 2 ends the Friday of week 10 in the fall and spring semesters. During this period, schedule changes require signatures of adviser and instructor and are processed on a Schedule Change/Restriction Waiver form. Completed forms are processed in 10 Enrollment Services Center. 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 begins 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 to the ISU index under Schedule Changes, or contact the Registrar’s Scheduling & Fees Office, 10 Enrollment Services Center, 294-1840.

R-Credit Courses (required courses)
Processing a scheduling change for a required course is usually considered administrative. 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
Students are limited in the number of courses they may drop during their academic career. (This refers to drops processed after the fifth day of classes of each semester.)

All students are allowed to drop a maximum of five courses during their undergraduate career.

Students in the College of Veterinary Medicine are allowed to drop a maximum of four courses.

Courses dropped during their first term at Iowa State are not included in this limit, nor does the summer count as a first term for this purpose.

Lecture and laboratory courses which are offered as separate courses, but are required to be taken concurrently are considered as one course drop. Students should work with their advisor to adjust their drop limit accordingly.

Exceptions to the drop limit may be made for courses that must be dropped for reasons beyond the student’s control. These exceptions are granted only by the dean or other authorized person in the student’s college.

The number of drops students have left is indicated on their grade report (available on AccessPlus) each term. Students are responsible for not exceeding their limit. At the instructor’s discretion, students who attempt to drop a course beyond the limit without special permission by the dean of the student’s college will continue to be enrolled in the course and will receive a grade at the end of the term.

Validating Enrollment
To validate their enrollment in each course at the beginning of the semester, students must attend the first or second meeting (first meeting - if the class meets only once a week). Students who add a course after the term begins must attend the next class meeting. The instructor has the option to offer a registered place in the course to another student when a registered student fails to attend and has not obtained prior approval of the instructor. Students who do not validate their enrollment must drop the course or they will receive an F grade.
Summer 2023 Fee Schedule

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

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

**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.
Tuition and Fees

Tuition and fees are subject to change without notice.

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

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

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

You may cancel your registration by contacting the Office of the Registrar at 515-294-1840 or go to the ISU index from www.iastate.edu under Cancelling Registration. You should make a record of the name of the person taking the call, as well as the time and date called.

Withdrawing Registration
Beginning the first meeting day of class, students who decide not to continue attending classes must process a withdrawal form.

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

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

If the procedures for withdrawing from the university are not followed, instructors will assign whatever grades or marks they consider appropriate. Since these grades may be F’s, students are warned that failure to follow the prescribed withdrawal procedures may adversely affect a later application for reentry or transfer to another institution. For more information on withdrawal policies, refer to the Withdraw/Cancel procedure at http://www.registrar.iastate.edu/students.
Tuition Adjustment Schedule
This tuition adjustment schedule is subject to change.

Tuition adjustments for withdrawals of registration are based upon the following table for Summer 2023:

### Withdrawal Date: Student Pays

<table>
<thead>
<tr>
<th>Full Summer term</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>May 18</td>
<td>10%</td>
</tr>
<tr>
<td>May 24</td>
<td>25%</td>
</tr>
<tr>
<td>May 30</td>
<td>50%</td>
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<tr>
<td>June 5</td>
<td>75%</td>
</tr>
<tr>
<td>After June 6</td>
<td>100%</td>
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</table>

<table>
<thead>
<tr>
<th>Summer Session I</th>
<th>Student Pays</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 17</td>
<td>10%</td>
</tr>
<tr>
<td>May 19</td>
<td>25%</td>
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<tr>
<td>May 24</td>
<td>50%</td>
</tr>
<tr>
<td>May 26</td>
<td>75%</td>
</tr>
<tr>
<td>After May 26</td>
<td>100%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Summer Session II</th>
<th>Student Pays</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 14</td>
<td>10%</td>
</tr>
<tr>
<td>June 16</td>
<td>25%</td>
</tr>
<tr>
<td>June 21</td>
<td>50%</td>
</tr>
<tr>
<td>June 23</td>
<td>75%</td>
</tr>
<tr>
<td>After June 23</td>
<td>100%</td>
</tr>
</tbody>
</table>

The Tuition Adjustment Schedule will be pro-rated when courses shorter than a standard semester (79 days) are involved. See the Tuition Adjustment Schedule on the web for the most common session deadlines. Contact the Scheduling and Fees area of the Office of the Registrar at 515-294-1840 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 term. Students who add courses at any time during the semester will be assessed tuition and fees if applicable according to the fee schedule.

The content of the Tuition Adjustment Schedule also applies to technology fees for students who withdraw. Students who change their major will be charged the applicable technology fee for the major to which they transfer if the change occurs before the end of the second week. If the change occurs after the second week, then no change in the technology fee assessment will occur. Students who are double majors will be assessed the technology fee rate for the major having the higher rate.

### Health Facility Fee

All students are assessed an $8 health facility fee for Summer 2023, 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. 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.

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

### Tuition Adjustment 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.

### Past Due Accounts

Students having past due receivable charges may be dropped from enrollment for fall if these past due charges are not paid by the Friday before the first day of classes. A statement indicating past due charges will be shown on the June 1 billing statement. Students enrolled less than full-time are assessed prorated technology fees based upon the number of credits in which they are enrolled. Students enrolled exclusively under the Postsecondary Enrollment Options Act, or students enrolled exclusively in courses for which no tuition is assessed are not assessed a computer fee. Technology fee adjustments will be made according to the schedule for a reduction in credits. Refunds for credit reductions below a full time load are 100 percent through the second week for a full semester course, with no refunds after the second week. The tuition adjustment schedule applies to technology fees for students who withdraw. Students who change their major will be charged the applicable technology fee for the major into which they transfer if the change occurs before the end of the second week. If the change occurs after the second week, then no change in the technology fee assessment will occur. Students who are double majors will be assessed the technology fee rate for the major having the higher rate.

### Glossary of Fees
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 certain required courses or high school students enrolled under the PostSecondary Enrollment Options Act (Chapter 261C).

Students who withdraw or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the set date 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 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 $143.50 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 $143.50 Health Fee and $3 Health Facility Fee.

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

New Student Programs/Matriculation Fee
A $330 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.

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

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

Iowa State Univeristy confers degrees three time a year in December, May and at the end of the Summer Session.

ISU does not hold a summer commencement ceremony. Summer graduates have the option for attending either the spring or fall university commencement ceremony.

**Undergraduate Students**
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 applications are due in 210 Enrollment Services Center by Friday, before spring break. If you miss this deadline you can still submit before the last term of graduation.

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.

To update your address, please go to AccessPlus.

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 Registrar’s Graduation Office, 214 Enrollment Services Center, (515)294-1840 or e-mail: graduation@iastate.edu.

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

Graduate Students
Specific deadlines have been set by the Graduate College for all graduate students. Failure to meet these deadlines may result in the removal of the students’ name from the graduation list for Summer 2023.

- An “Application for Graduation” (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, June 2.
- Last day for graduate students to cancel graduation, by June 23.
- A Request for “Final Oral Examination” form should be obtained from the students department and submitted to the Graduate College at least three weeks before the final oral examination.
- Final oral examination must be taken by Friday, July 23.
- Signatures must be obtained on the “Graduate Student Approval Slip” by Tuesday July 18. 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.

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 you are considering changing their major, you may request an alternative degree audit for the major in which you have an interest. Contact the college student services office (of the major that you are interested in) to request the audit.

To request a replacement degree audit, contact the student's college student services office.

Full-Time/Half-Time Student Status
Full-time status is defined as follows:
Undergraduates: 12 credits for fall or spring semester;
Graduates: 9 credits for fall or spring semester.

Half-time status is defined as follows:
Undergraduates: 6 credits for fall or spring semester;
Graduates: 5 credits for fall or spring semester.

Summer status depends on the number of weeks a student is enrolled. Contact the Office of the Registrar, 515-294-1840 to verify status for a summer session. For more detail, please refer to the ISU index on the web under Certifications.

Transcripts
An official transcript may be ordered through AccessPlus; the Office of the Registrar, 10 Enrollment Services Center, 515-294-1840; 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 Quality</th>
<th>Grade Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Points</td>
<td>Points</td>
</tr>
<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>
</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 catalog at: https://catalog.iastate.edu.

Repeated Courses
If you repeat a course, 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 in which the course number or number of credits has changed must be noted on a Designation of Repeated Course form. This form can be obtained from departmental offices and must be signed by the students advisor and the head of the department offering the course. This form is also used if the course number or number of credits has changed from a previous catalog or if the course is being repeated to reduce a transfer deficiency. Process this form in the Office of the Registrar, 214 Enrollment Services Center.

For more information, please refer to the Academic Life section of the catalog at https://catalog.iastate.edu.
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. Please check with your certifying official for more information about Summer enrollment requirements.

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 policy is available through the ISU index under Information Disclosure for Students and Employees. Students with no electronic access can obtain the information from the Office of the Registrar, 214 Enrollment Services Center, 515-294-1840 or from the Office of Admissions, 100 Enrollment Services Center, 515-294-5836. Iowa State will provide a paper copy of the information upon request.

Policy on Student Names

Board of Regents, State of Iowa universities have a common policy regarding student names and name changes. The name on the student record should be the student's complete and legal name. In evaluating and processing all name change requests, the university reserves the right to require adequate and appropriate documentation as warranted.

Release of Student Records

The Iowa State University policy concerning the release of student records complies with the Family Educational Rights and Privacy Act of 1974, as amended. The University has designated the following as public information which is available to anyone upon inquiry unless they request that information not be released: name; in-session address and telephone number; campus e-mail address; interim address; home city, county, state, or country; date and place of birth; curriculum; college; year-in-school; enrollment status; dates of attendance at Iowa State; full or part-time status; expected date of graduation; adviser name; awards and academic honors; Iowa State degree(s) and date(s) awarded; previous educational institutions attended, dates of attendance, and degrees received; participation in officially recognized university activities and sports; and weight and height of members of athletic teams.

To restrict the release of public information, notify the Office of the Registrar, 214 Enrollment Services Center, and complete the appropriate form no later than the end of the first week of classes.

With the exception of public information, all student records are considered to be confidential and release is restricted according to University policy. A copy of the release policy can be found in the Office of the Registrar or go to the ISU index under Confidential Information Policies. The office also maintains a directory of persons who normally have access to each type of student record.

Changing an Address on AccessPlus

AccessPlus is Iowa State University's electronic key to personal information via www.accessplus.iastate.edu.

Information on AccessPlus is kept confidential. A social security number or university ID number and password are required to view personal information through AccessPlus. To change an address on AccessPlus, do the following:

1. Go to ISU's home page at www.iastate.edu
2. Choose Students
3. Choose AccessPlus
4. After logging in using a social security number or university ID and password, choose Address Change.
5. Read the announcements on the main AccessPlus page, then select the Students tab and choose Address Change.

Follow the instructions on the screens for In-Session and Interim address changes.

Changes to Residence Hall and payroll records must be handled directly with those offices.

ISU ALERT

The ISU Alert system (see: 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 System Office in 27 Armory. For more information go to the ISU index under Parking Division, DPS.

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 the support services that students 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, counseling, education, referral, and awareness to students, faculty, staff, the Ames community, and the state of Iowa. For more information, call 515-294-7220, TTY 515-294-6635, e-mail: disabilityresources@iastate.edu, or online go 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 the 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).

For services such as the Lied Recreation Center, CyCash, or Parks Library, students may apply for the Spouse/Domestic Partner card. Both the student and spouse/domestic partner must bring a photo ID and proof of marriage or relationship (marriage certificate, joint insurance cards or joint tax returns) to 0530 Beardshear. The cost is $25 per card and the cards expire every year on June 30.
Auditing Courses
To audit a course means to enroll in the course without receiving credit for the course. Audited courses count towards credit limit but not full-time status. The instructor of the course must approve the audit request.

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

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

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

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

Audit Deadlines
In addition to the deadlines provided below, note that instructors must approve all audits.

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

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

Changing status from audit to credit—day 5 deadline:
– Through day 5 of classes: instructor approval required.
– After day 5: instructor, adviser, college approval required; schedule change fee applies.

• Partial semester or summer courses: Deadlines are determined based on the length of the course. For deadlines concerning partial term or summer courses, contact the Student Scheduling Office, 515-294-1840.

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

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

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

Course Descriptions
Course descriptions can be found at catalog.iastate.edu.

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

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

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

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

**Late Registration**
A late registration fee is charged beginning on the first day of classes. Registration after the fifth day of classes requires written permission from instructor(s), adviser/major professor, and approval from the college office authorized to sign on behalf of the Dean. There is no late fee in the summer.

**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 Centerl. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to http://catalog.iastate.edu/ under Academic Life

**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 Stdnt Info 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 Centerl.

**Room Assignments**
Beginning Saturday April 22, 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 students 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.
### Summer Sessions Registration Trial Schedule Form (Time Grid)

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<thead>
<tr>
<th>Days</th>
<th>7:30 a.m.</th>
<th>8:40 a.m.</th>
<th>9:50 a.m.</th>
<th>11:00 a.m.</th>
<th>12:10 p.m.</th>
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Registration Worksheet

Name (please print):

(Last) (First) (Middle) (Term)

Please provide your university ID

_____________________________________________________________________________________________

If they have problems 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 classes.iastate.edu** for the list of classes offered for the term. Use the spaces provided below to plan the courses they want on their schedule.

B. **Meet with your adviser** to discuss their courses and to obtain their Registration Access Number (RAN), if required by your college.

C. **Register via AccessPlus at 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 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, students must obtain written permission from their advisers, the instructors for the courses they plan to take, as well as approval from the dean of the college in which they are registered. During the summer session, these approvals must be obtained in order to register after the third day of classes.

**Courses**—Be prepared with alternative course selections in case their first choice courses are closed.

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

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<th>Credit</th>
<th>Meeting Day(s) and Time</th>
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**Notes**

Adviser Signature: ___________________________ Date Approved: ________________________________
### ACCOUNTING

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<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<td>Sophomore</td>
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### ADVERTISING

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<tr>
<td>ADM 497L</td>
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### AEROSPACE ENGINEERING

<table>
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<tr>
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<td>AER 290A</td>
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<td>AER 290B</td>
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Note: Course delivery is WWW.
AEROSPACE ENGINEERING

SPL TOP COMP AERODY AER E 590K 1-5 CREDITS
SPL TOP OPTIMIZTN AER E 590L 1-5 CREDITS
SPL TOP NONDESTR EV AER E 590M 1-5 CREDITS
SPL TOP WIND ENGINR AER E 590N 1-5 CREDITS
SPL TOP ASTRODYNAMIC AER E 590O 1-5 CREDITS
SPL TOP ENRGY CNSVR AER E 590R 1-5 CREDITS
CREATIVE COMPONENT AER E 599 1-5 CREDITS
ADV TOP AER DYNAMCS AER E 690A 1-5 CREDITS
ADV TOPC PROPULSION AER E 690B 1-5 CREDITS
ADV TOP AEROS STRUC AER E 690C 1-5 CREDITS
ADV TOP FLIGHT DYNA AER E 690D 1-5 CREDITS
ADV TOP SPACECR SYS AER E 690E 1-5 CREDITS
ADV TOP FLIGHT CTRL AER E 690F 1-5 CREDITS
ADV TOP VISCOS AER AER E 690H 1-5 CREDITS
ADV TOP NONDESTR EV AER E 690I 1-5 CREDITS
ADV TOP WIND ENGINR AER E 690M 1-5 CREDITS
ENGINEERG INTERNSHP AER E 697 R CREDIT

AFRICAN AND AFRICAN AMERICAN STUDIES

INTRO AFRIC ANER ST AF AM 201 3 CREDITS
ETHNIC&RACE RELATNS AF AM 330 3 CREDITS

AGRICULTURAL AND BIOSYSTEMS ENGINEERING

SUMMER INTERNSHIP A B E 396 R CREDIT

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

IND ST:BIORNW RSRC A B E 490B 1-5 CREDITS
IND ST:ENVIR BIOPRC A B E 490C 1-5 CREDITS
IND ST:FOOD ENGINR A B E 490D 1-5 CREDITS
INDEPENDENT STUDY A B E 490S 1-5 CREDITS
INDEP STUDY HONORS A B E 490H 1-5 CREDITS
STUDY ABROAD A B E 496 1-4 CREDITS
ADVANCED TOPICS A B E 590 1-3 CREDITS

AGRICULTURAL EDUCATION & STUDIES

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
PRESENTN STRATEGIES AGEDS 311 3 CREDITS
LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS

AGRICULTURAL AND BIOSYSTEMS ENGINEERING

RESEARCH BIOSYS ENG A B E 699B 1-5 CREDITS
RES ENVIRONMTL SYST A B E 699E 1-5 CREDITS
RES PWR&MACHIN ENGR A B E 699P 1-5 CREDITS
RESEARCH FOOD ENGR A B E 699F 1-5 CREDITS
RES ENVIRON&NAT RES A B E 699S 1-5 CREDITS
RESEARCH WASTE MGT A B E 699U 1-5 CREDITS

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

STUDY ABROAD A B E 496 1-4 CREDITS
ADVANCED TOPICS A B E 590 1-3 CREDITS

ENGINEERG INTERNSHP A B E 697 R CREDIT

INDEPENDENT STUDY A B E 490S 1-5 CREDITS
INDEP STUDY HONORS A B E 490H 1-5 CREDITS
INDEPENDENT STUDY A B E 490S 1-5 CREDITS
INDEP STUDY HONORS A B E 490H 1-5 CREDITS
STUDY ABROAD A B E 496 1-4 CREDITS
ADVANCED TOPICS A B E 590 1-3 CREDITS

ENGINEERG INTERNSHP A B E 697 R CREDIT

RESEARCH BIOSYS ENG A B E 699B 1-5 CREDITS
RES ENVIRONMTL SYST A B E 699E 1-5 CREDITS
RES PWR&MACHIN ENGR A B E 699P 1-5 CREDITS
RESEARCH FOOD ENGR A B E 699F 1-5 CREDITS
RES ENVIRON&NAT RES A B E 699S 1-5 CREDITS
RESEARCH WASTE MGT A B E 699U 1-5 CREDITS

AGRICULTURAL EDUCATION & STUDIES

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
PRESENTN STRATEGIES AGEDS 311 3 CREDITS
LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

COOPERATIVE EDUCATN AGEDS 398  R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
1356005 1 ARRANGED  
MEETS: MAY 15-AUG 4

INTERNSHIP IN AGEDS AGEDS 412  2-6 CREDITS  
Preq: JR/SR CLASSIFICATION IN AGEDS, INSTR PERMISSION  
1386005 1 W/F 12:10-4:00  
MEETS: MAY 15-JULY 7  
Note: Course delivery is On-site instruction

CURR FOR AG SCI EDU AGEDS 425X  1-6 CREDITS  
5738005 1 ARRANGED  
MEETS: JUNE 12-AUG 4  
Note: Course delivery is WWW

FARM MGMT&OPERATION AGEDS 450  3 CREDIT  
Prereq: ECON 235, ECON 230, JUNIOR CLASSIFICATION  
1386005 1 W/F 12:10-4:00  
MEETS: MAY 15-JULY 7  
Note: Course delivery is On-site instruction

IND STU PHIL,CURRIC AGEDS 490A  1-3 CREDITS  
Preq: 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 LDRSHIP,IVAL AGEDS 490B  1-3 CREDITS  
Preq: JR/SR CLASSIFICATION, INSTR PERMISSION  
Note: No more than 6 credits of 490 may be applied toward the total of 128 credits required for graduation  
******  
SEE DEPT FOR REFERENCE NUMBERS

IND STU BUS,PROD AG AGEDS 490C  1-3 CREDITS  
Preq: JR/SR CLASSIFICATION, INSTR PERMISSION  
Note: No more than 6 credits of 490 may be applied toward the total of 128 credits required for graduation  
******  
SEE DEPT FOR REFERENCE NUMBERS

IND STU EXTEN,INTL AGEDS 490D  1-3 CREDITS  
Preq: JR/SR CLASSIFICATION, INSTR PERMISSION  
Note: No more than 6 credits of 490 may be applied toward the total of 128 credits required for graduation  
******  
SEE DEPT FOR REFERENCE NUMBERS

IND STU INSTR TCHNL AGEDS 490E  1-3 CREDITS  
Preq: 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 ENTREPREN AGEDS 490G  1-3 CREDITS  
Preq: JR/SR CLASSIFICATION, INSTR PERMISSION  
******  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AGEDS 490H  1-3 CREDITS  
Preq: JR/SR CLASSIFICATION, INSTR PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: Course restricted to honors program students only. No more than 6 credits of 490 may be applied toward the total of 128 credits req'd for graduation.  
******  
SEE DEPT FOR REFERENCE NUMBERS

IND STU COMMUNICATN AGEDS 490I  1-3 CREDITS  
Preq: 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

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS  
Preq: PERMISSION OF INSTRUCTOR, ADVISOR, & DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
8361005 1 ARRANGED  
MEETS: MAY 15-AUG 4

CURR FOR AG SCI EDU AGEDS 525X  1-6 CREDITS  
5746005 1 ARRANGED  
MEETS: JUNE 12-AUG 4  
Note: Course delivery is WWW

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

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

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

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

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

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

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

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

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

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

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

METHODS WORKSHOP AGEDS 593B  1-3 CREDITS  
Preq: 12 credits in Agricultural Education  
1318005 1 ARRANGED  
MEETS: JUNE 12-AUG 4

Note: Course delivery is On-site instruction

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

PRO INTERNSHP AG ED AGEDS 599I  1-3 CREDITS  
Preq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
******  
SEE DEPT FOR REFERENCE NUMBERS

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

AGRONOMY

INTR RENEW RESOURCES AGRON 120  3 CREDITS  
1382700 1 ARRANGED  
SKRYNNIKOVA L  
MEETS: MAY 15-JULY 7  
Note: Course delivery is WWW

INTRO WEATHER&CLIMT AGRON 206  3 CREDITS  
1397700 1 ARRANGED  
MAUDLIN L  
MEETS: MAY 15-JUNE 9  
Note: Course delivery is WWW

WORLD FOOD ISSUES AGRON 342  3 CREDITS  
1402700 1 ARRANGED  
ANDREWS S  
Note: Meets international perspectives reqmt

INTR RENEW RESOURCES AGRON 120  3 CREDITS  
1382700 1 ARRANGED  
SKRYNNIKOVA L  
MEETS: MAY 15-JULY 7  
Note: Course delivery is WWW

INTRO WEATHER&CLIMT AGRON 206  3 CREDITS  
1397700 1 ARRANGED  
MAUDLIN L  
MEETS: MAY 15-JUNE 9  
Note: Course delivery is WWW

COOPERATIVE EDUCATN AGRON 398  R CREDIT  
Preq: PERMISSION OF FACULTY MEMBER OR STUDENT'S ADVISOR; JUNIOR CLASSIFICATION  
Satisfactory-Fail Only.  
1411005 1 ARRANGED  
MEETS: MAY 15-AUG 4

INDEPENDENT STUDY AGRON 490G  1-3 CREDITS  
Preq: JR/SR CLASSIFICATION WITH AT LEAST 8 CR IN AGRON  
INSTRUCT DR IN AGRICULTURAL EDUCATION  
Note: No more than 6 credits of AGRON 490 may be applied toward the total of 128 credits required for graduation  
******  
SEE DEPT FOR REFERENCE NUMBERS
# AGRONOMY (CONTINUED)

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## SEED SCI INTERNSHIP AGRON 491 1-2 CREDITS
- Prereq: Agron 338, advanced approval and participation of employer and instructor.
- Note: Course only offered for 2 credits.
- Instructor permission required.

## COOPERATIVE EDUCATION AGRON 498 R CREDIT
- Prereq: Permission of faculty member or student's advisor; senior classification.
- Satisfactory-Fail Only.

## CLIMATE & CROP GROWTH AGRON 503 3 CREDITS
- Prereq: Agron 181 or equivalent, math 140.
- Note: Credit for either Agron 541 or Agron 541 can be applied toward graduation.

## SEED & VARIETY TEST & CROP PRODUCTION AGRON 497 2 CREDITS
- Prereq: Admission to seed technology and business master's degree program.
- Note: SEC 1 restricted to graduate students enrolled in the MS agronomy and agronomy graduate certificate.
- Course delivery is online degree program.
- Contact: seadegrade@iastate.edu

## INTR AM INDIAN STUDIES AM IN 210 3 CREDITS
- Note: Meets U.S. diversity reqmt.
- Instructor permission required.

## AGRONOMY (CONTINUED)

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<tr>
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<td>CR COMP SOIL PHYSICS AGRON 599I 3 CREDITS</td>
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## AMERICAN INDIAN STUDIES

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<td>MEETS: MAY 15-AUG 4</td>
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## WILDLIFE POPUL METH A ECL 372X 4 CREDITS
- Prereq: Biol 312 or Zeb 311
- Note: SEC 1 Travel to Montana. Instructor permission required.
- Course delivery is on-site instruction.
- Materials, field trips &/or travel fee $1,400.00

## ANIMAL ECOLOGY
ANIMAL SCIENCE

FARROWING MANAGEMENT AN S 380D 1 CREDIT
Prereq: AN S 225, or AN S 280 AND AN S 280L
7361700 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: SEC G CONTACT GPIDEA COORDINATOR TO ENROLL: AGONLINESERVICE@AgState.EDU OR 800-747-4478
Course delivery is On-site instruction
Tuition Category: GPIDEA Consortium

ANIM SCI INTERNSHIP AN S 399A 2-6 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
1538005 1 ARRANGED
MEETS: MAY 15-AUG 4

SUPERV’D INTERNSHIP AN S 399B R CREDIT
Prereq: PERMISSION OF INTERNSHIP COORDINATOR
2258005 1 ARRANGED
MEETS: MAY 15-AUG 4

IND STDY ANIMAL SCI AN S 490A 1-3 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
Note: A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION

INDSTUDY DAIRY SCI AN S 490B 1-3 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF AN S 490 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION

INDEP STDY MEAT SCI AN S 490C 1-3 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
Note: A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION

IND STU POULTRY SCI AN S 490G 1-3 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
Note: A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION

INDEP STUDY HONORS AN S 490H 1-3 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM
Note: A MAXIMUM OF 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION, COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.

TEACHING EXPERC AN S 497 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF AN S 497 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION

SPL TOP AN BREEDING AN S 590A 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOP ANIMAL NUTR AN S 590B 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOP MEAT AN PRO AN S 590C 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOPICS MEAT SCI AN S 590E 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOP PHYS REPROD AN S 590F 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOP PROF TOPICS AN S 590K 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

ANIMAL BREEDING RES AN S 699A V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

ANIMAL NUTRI RESRCH AN S 699B V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

MEAT AN M PRODU RES AN S 699C V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

DAIRY PROD RESEARCH AN S 699D V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

MEAT SCIEN RESEARCH AN S 699E V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

POULTRY NUTRI RESEARCH AN S 699F V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

ANIM ETHOLOGY RESEARCH AN S 699G V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

CREATIVE COMPONENT A ECL 699 VAR. CREDITS
Satisfactory-Fail Only.

ANIMAL SCIENCE (CONTINUED)

SPL TOPICS TEACHING AN S 590L 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOPICS ETHEOLOGY AN S 590M 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

CRTLV COMP AN BREDG AN S 599A 1-8 CREDITS
Prereq: NONTHESIS M.S. STATUS

CRTLV COMP ANI NUTRI AN S 599B 1-8 CREDITS
Prereq: NONTHESIS M.S. STATUS

CRTLV CMP AN PHYSIOI AN S 599C 1-8 CREDITS
Prereq: NONTHESIS M.S. STATUS

CRTLV CMP ANMEAT SCI AN S 599E 1-8 CREDITS
Prereq: NONTHESIS M.S. STATUS

ANIMAL BREEDING RES AN S 699A V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

ANIMAL NUTRI RESRCH AN S 699B V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

MEAT AN M PRODU RES AN S 699C V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

DAIRY PROD RESEARCH AN S 699D V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

MEAT SCIEN RESEARCH AN S 699E V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

POULTRY NUTRI RESEARCH AN S 699F V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

ANIM ETHOLOGY RESRCH AN S 699G V A R. CREDITS
Prereq: NONTHESIS M.S. STATUS

ANTHROPOLOGY

INTRO CULTURAL ANTHR ANTHR 201 3 CREDITS
Note: MEETS international perspectives reqmt.
1615005 1 ARRANGED
MEETS: MAY 15-JUNE 9
Note: Course delivery is WWW

INTR ASIAN AM STUDY ANTHR 210 3 CREDITS
Note: Meets U.S. diversity reqmt
0012005 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

GLOBALIZAT&HUM COND ANTHR 230 3 CREDITS
Note: Meets international perspectives reqmt
7017700 1 ARRANGED
MEETS: JUNE 12-JULY 7
Note: Course delivery is WWW

ANCIENT EGYPT ANTHR 369 3 CREDITS
Note: Meets international perspectives reqmt
0133700 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

INTERNSHIP ARCHAEOLOG 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 ANTHA CORE COURSE REQUIREMENTS FOR THE MAJOR OR FOR THE ANTHR MINOR.
Satisfactory-Fail Only

INTERNSHIP CULTRL A 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 ANTHA CORE COURSE REQUIREMENTS FOR THE MAJOR OR FOR THE ANTHR MINOR.
Satisfactory-Fail Only
**ANTHROPOLOGY (CONTINUED)**

**INTERNSHIP BIOLOGIC ANTHRH 434C**
- Prereq: JUNIOR OR SENIOR STANDING
- Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTRh 434 MAY BE USED TO SATISFY ANTHOR CORE COURSE REQUIREMENTS FOR THE MAJOR OR FOR THE ANTHR MINOR. OFFERED FOR 3 CREDITS SUMMER 2023.

**INTERNSHIP LINGUIS ANTRH 434D**
- Prereq: JUNIOR OR SENIOR STANDING
- Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTRH 434 MAY BE USED TO SATISFY ANTHOR CORE COURSE REQUIREMENTS FOR THE MAJOR OR FOR THE ANTHR MINOR.

**PRACTCM BIOLOGCL ANTHRH 451C**
- Prereq: ANTRH 201 OR ANTRH 202 OR ANTRH 308
- Note: Instructor permission required.

**INDEP STUDY ANCHOR ANTHRH 490A**
- Prereq: 9 CREDITS IN ANTHROPOLOGY
- Note: NO MORE THAN 9 CREDITS OF ANTHRH 490 MAY BE APPLIED TOWARD GRADUATION.

**IND STUDY ANCHOR ANTHRH 490B**
- Prereq: 9 CREDITS IN ANTHROPOLOGY
- Note: NO MORE THAN 9 CREDITS OF ANTHRH 490 MAY BE APPLIED TOWARD GRADUATION.

**IND STUDY ANCHOR ANTHRH 490C**
- Prereq: 9 CREDITS IN ANTHROPOLOGY
- Note: NO MORE THAN 9 CREDITS OF ANTHRH 490 MAY BE APPLIED TOWARD GRADUATION.

**IND STUDY ANCHOR ANTHRH 490D**
- Prereq: 9 CREDITS IN ANTHROPOLOGY
- Note: NO MORE THAN 9 CREDITS OF ANTHRH 490 MAY BE APPLIED TOWARD GRADUATION.

**IND STUDY ANCHOR ANTHRH 490H**
- Prereq: 6 CREDITS IN ANTHROPOLOGY
- Note: NO MORE THAN 6 CREDITS OF ANTHRH 490 MAY BE APPLIED TOWARD GRADUATION.

**CREATIVE COMPONENT ANTHRH 599**
- Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR

**RESEARCH ANTHRH 699 VAR. CREDITS**
- Note: Instructor permission required 1st week.

**APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)**

**SUP WRK EXP II:APPAR AESHM 270N**
- Prereq: MINIMUM 2.0 GPA; ADVISOR PERMISSION REQUIRED; SOME D.U.I.D.
- Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION.

**SUP WRK EXP II:APPAR AESHM 270F**
- Prereq: 6 CREDITS IN AESHM OR HSP M OR EVENT;
- MINIMUM 2.0 GPA; ADVISOR PERMISSION REQUIRED, SOPHOMORE CLASSIFICATION
- Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270F AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION.

**SUP WRK EXP II:APPAR AESHM 270D**
- Prereq: MINIMUM 2.0 GPA; ADVISOR PERMISSION REQUIRED, SOPHOMORE CLASSIFICATION
- Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270D AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION.

**HSPTRY&APPARL MARKTG AESHM 340**
- Prereq: ECON 101
- Note: Course delivery is WWW

**AESTHETCS CNSMR EXPC AESHM 342**
- Prereq: SOPHOMORE CLASSIFICATION
- Note: Meets U.S. diversity regmt

**INTR SCHOLARLY RSCH AESHM 501**
- Prereq: PERMISSION OF INSTRUCTOR
- Note: Instructor permission required 1st week.

**INTR SCHOLARLY RSCH AESHM 502**
- Prereq: PERMISSION OF INSTRUCTOR
- Note: Instructor permission required 1st week.

**INTERNSHIP APPAREL AESHM 670A**
- Prereq: 6 CREDITS IN PROGRAM AREA;
- INSTRUCTOR PERMISSION
- Note: Meets U.S. diversity reqmt

**INTERNSHIP APPAREL AESHM 670B**
- Prereq: 6 CREDITS IN PROGRAM AREA;
- INSTRUCTOR PERMISSION
- Note: Meets U.S. diversity reqmt

**INTR SCHOLARLY RSCH AESHM 503**
- Prereq: PERMISSION OF INSTRUCTOR
- Note: Instructor permission required 1st week.

**APPLR, MERCHANDISING, AND DESIGN**

**FASHION PRODCT&MT A M D 131**
- Prereq: 9 CREDITS IN PROGRAM AREA;
- INSTRUCTOR PERMISSION
- Note: Course delivery is WWW
APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

DRESS & DIV. US SOCIE A M D 165 3 CREDITS
Note: Meets U.S. diversity reqmt
6603005 1 ARRANGED
MEETS: MAY 15–JUNE 9
Note: Course delivery is WWW

CLTR PERSP GLBL DRS A M D 362 3 CREDITS
Prereq: A M D 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC
Note: Meets international perspectives reqmt
6620005 1 ARRANGED
MEETS: MAY 15–JUNE 9
Note: Course delivery is WWW

IND STU TXTLAP DSN A M D 490C VAR. CREDITS
Prereq: 6 CR IN A M D; PERMISSION OF THE INSTRUCTOR, ADVISOR AND DEPARTMENT CHAIR.
Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND A M D 490 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
Materials fee $25.00–50.00.
****** SEE DEPT FOR REFERENCE NUMBERS

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

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

UNDERGRAD RESEARCH A M D 499 1–3 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP TXTLAP DSN A M D 590C VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, ADVISOR, & DEPT CHAIR
****** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

ARABIC

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

IND STU DSN COMMUN ARCH 490A 1–9 CREDITS
Prereq: APPROVAL OF INSTR & DEPT CHAIR on REQ FORM
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

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

INDEP STUDY TECHN SYST ARCH 490C 1–9 CREDITS
Prereq: APPROVAL OF INSTR & DEPT CHAIR on REQ FORM
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY ARCH HIST ARCH 490D 1–9 CREDITS
Prereq: APPROVAL OF INSTR & DEPT CHAIR on REQ FORM
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY BEHAV ARCH 490E 1–9 CREDITS
Prereq: APPROVAL 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: APPROVAL OF INSTR & DEPT CHAIR on REQ FORM
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ARCH 490H 1–9 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ART EDUCATION

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

ART HISTORY

AMERICN ART TO 1945 ART H 386 3 CREDITS
Note: Meets U.S. diversity reqmt
1734005 1 ARRANGED
MEETS: MAY 15–JULY 7
Note: SEC 1 TOPIC: AMERICAN ART TO 1945
Course delivery is WWW

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

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

MUSEUM/GLLRY INTERN ART H 586 1–6 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR.
****** SEE DEPT FOR REFERENCE NUMBERS
### ASTRONOMY & ASTROPHYSICS

**Notes:**
- Course delivery is **On-site instruction**
- MEETS: **MAY 16-JUNE 30**
- Prereq: **ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Time/Location</th>
<th>Prereq</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>SEM A: INTRO TO A TR</td>
<td>520</td>
<td>1 CREDIT</td>
<td><strong>MEETS:</strong> JUNE 12-AUG 4</td>
<td><strong>Course delivery is WWW</strong></td>
</tr>
<tr>
<td>EMERGENCY CARE PROC</td>
<td>502</td>
<td>3 CREDITS</td>
<td><strong>MEETS:</strong> JUNE 12-AUG 4</td>
<td><strong>Course delivery is On-site instruction</strong></td>
</tr>
<tr>
<td>BRACE, WRAP, TAPE TECH</td>
<td>501</td>
<td>1 CREDIT</td>
<td><strong>MEETS:</strong> JUNE 12-AUG 4</td>
<td><strong>Course delivery is On-site instruction</strong></td>
</tr>
</tbody>
</table>

### BIOCHEM, BIOPHYSICS & MOLECULAR BIO

**Survey of Biochem:**
- **BBMB 301** | 3 CREDITS
- **BBMB 302** | 1-4 CREDITS

**Biochemistry and Molecular Biology:**
- **BBMB 301** | 3 CREDITS
- **BBMB 302** | 1-4 CREDITS

**Undergraduate Research:**
- **BBMB 405** | 3 CREDITS
- **BBMB 420** | 3 CREDITS

**Independent Study:**
- **BBMB 400** | 1-4 CREDITS
- **BBMB 450** | 1-6 CREDITS
# BIOINFORMATICS AND COMPUTATIONAL BIOL

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>BCB 490</td>
<td>Independent Study</td>
<td>1-5</td>
<td>Permission of Instructor</td>
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</table>

# BIOLOGY

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>BCB 498</td>
<td>Cooperative Education</td>
<td>R</td>
<td>Permission of the Program Chair</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Introductory Biology</td>
<td>3</td>
<td>High School Biology; H.S. Chemistry or Enrollment in Chem 163 or Chem 177</td>
</tr>
<tr>
<td>BIOL 215</td>
<td>Human Biology</td>
<td>3</td>
<td>Credit in BIOL 101 may not be applied toward Biology Major Graduation Requirements</td>
</tr>
<tr>
<td>BIOL 211L</td>
<td>Prin of Biology I</td>
<td>3</td>
<td>High School Biology; H.S. Chemistry or Enrollment in Chem 163 or Chem 177</td>
</tr>
<tr>
<td>BIOL 212</td>
<td>Fund Human Anatomy</td>
<td>4</td>
<td>Credit in BIOL 255 may not be applied toward Biology Major Graduation Requirements</td>
</tr>
<tr>
<td>BIOL 212L</td>
<td>Fund Human Physiology</td>
<td>3</td>
<td>High School Biology; H.S. Biology and Chemistry, or BOL 101</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Principals of Genetics</td>
<td>3</td>
<td>Credit for only one of the following may be applied toward graduation: GEN 260, GEN/BOL 213/301 AND 313L/310L, GEN/AGRON 320</td>
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# BIOLOGICAL/PRE-MEDICAL ILLUSTRATION

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<tr>
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<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCB 497</td>
<td>Illustration Intern</td>
<td>1-6</td>
<td>Junior or senior classification in Bm 1. Written approval of supervising instr &amp; advisory comm chair on required form in advance of semester of enrollment</td>
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# COOPERATIVE EDUCATION

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</thead>
<tbody>
<tr>
<td>BCB 498</td>
<td>Cooperative Education</td>
<td>R</td>
<td>Permission of the Program Chair</td>
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# INDEPENDENT STUDY

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>BCB 490</td>
<td>Independent Study</td>
<td>1-6</td>
<td>Note: Course delivery is WWW</td>
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# UNDERGRAD SEMINAR

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<tbody>
<tr>
<td>BIOL 495</td>
<td>Undergrad Seminar</td>
<td>1-3</td>
<td>Note: Permission of Instructor</td>
</tr>
</tbody>
</table>

# INDEPENDENT SEMINAR

<table>
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<tbody>
<tr>
<td>BIOL 495</td>
<td>Independent Seminar</td>
<td>1-3</td>
<td>Note: Permission of Instructor</td>
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# INDEPENDENT SEMINAR

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<tr>
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<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>BIOL 490</td>
<td>Independent Study</td>
<td>1-6</td>
<td>Note: Course delivery is WWW</td>
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# BIOMEDICAL ENGINEERING

<table>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>BM S 490</td>
<td>Independent Study</td>
<td>1-6</td>
<td>Note: Permission of Chair for Bioengineering Minor</td>
</tr>
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</table>

# BIOMEDICAL SCIENCES

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>BM S 333</td>
<td>Prein Morphology II</td>
<td>4</td>
<td>B M S 333, First-Year Classification in Vet Med</td>
</tr>
<tr>
<td>BM S 501</td>
<td>Res Mthd Biom Sci</td>
<td>3</td>
<td>Note: Course delivery is On-site instruction Materials fee $190.00</td>
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</tbody>
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Note: Course delivery as specified.
SPLE TOPICS ANATOMY B M S 590A 1-7 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPLE TOPC PHYSIOLOGY B M S 590B 1-7 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPLE TOPIC PHARMACOL B M S 590C 1-7 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS CELL BIOL B M S 590D 1-7 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

SEMINAR B M S 698B 1 CREDIT
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
Satisfactory-Fail Only.

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

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

RESCH PHARMACOLOGY B M S 699C VAR. CREDITS
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
******* SEE DEPT FOR REFERENCE NUMBERS

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

BUSINESS ADMINISTRATION

BUS PROFESS DEVELOP BUSAD 203 1 CREDIT
Prereq: BUSAD 102 OR BUSAD 103
Note: COURSE NOT OPEN TO FIRST TERM FRESHMEN AND GRADUATE STUDENTS

8860005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction

EXP DOMESTC INTNS BUSAD 391A 1 CREDIT
Prereq: 12 CREDITS FROM COLLEGE OF BUSINESS; WRITTEN APPROVAL OF CAREER SERVICES INTERNSHIP COORDINATOR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
Note: Instructor permission required.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

EXP INT'L 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.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

COORDINATOR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
Note: Instructor permission required.
Satisfactory-Fail Only.

COORDINATOR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
Note: Instructor permission required.
Satisfactory-Fail Only.

COORDINATOR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
Note: Instructor permission required.
Satisfactory-Fail Only.

IND STDY ENTREPREN BUSAD 490E 1-3 CREDITS
Prereq: SENIOR CLASSIFICATION; PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2023
Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY BUSAD 490G 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR IN BUSINESS; PERMISSION OF INSTRUCTOR
Note: Course delivery is On-site instruction
Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS BUSAD 490H 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Course RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

OKOBOJI ENTSP INST BUSAD 491 1-3 CREDITS
Prereq: SELECTION TO OKOBOJI ENTREPRENEURSHIP INSTITUTE
Note: COURSE OFFERED FOR 1 CREDIT.
Department permission required.
7515005 1 ARRANGED
MEETS: JUNE 11-15

INTL SEED BUS&PLARG BUSAD 509 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

CREATIV COMP MANAGMT BUSAD 599E 3 CREDITS
Prereq: GRADUATE STANDING; PERMISSION OF DEPARTMENT
Note: Instructor permission required.
Satisfactory-Fail Only.

CREATIV COMP MGT INF SYS BUSAD 599K 3 CREDITS
Prereq: GRADUATE STANDING; PERMISSION OF DEPARTMENT
Note: Instructor permission required.
Satisfactory-Fail Only.

COOPERATIVE EDUCATN BUSAD 598 R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

7906005 1 ARRANGED
MEETS: MAY 15-AUG 4

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

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

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

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

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

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

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

CHEMICAL ENGINEERING

FOREIGN STUDY PROG CH E 392 4 CREDITS
Prereq: CH E 358, CH E 382, CH E 391
Note: CREDIT FOR GRADUATION FOR 391 ALLOWABLE ONLY UPON COMPLETION OF CH E 392
Meets international perspectives reqmt
Instructor permission required 1st week.
2441005 1 ARRANGED
MEETS: MAY 22-JUNE 23
Note: Course delivery is On-site instruction
CHEMICAL ENGINEERING (CONTINUED)

CORE CONCPTS CH ENG CH E 412X 3 CREDITS
Prereq: CHEM 325, MATH 267, PHYS 231 & 231L
Note: CREDIT FOR CHE 412X MAY NOT BE APPLIED TO ANY UNDERGRADUATE OR GRADUATE DEGREE PROGRAMS IN CHEMICAL ENGINEERING
0985001 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

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

INDEp STUDY HONORS CH E 490H 1-6 CREDITS
Prereq: MEMBERSHIP IN THE HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY CH E 590 2-6 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPc BIOMATERIALS CH E 695K 1 CREDIT
Note: Course delivery is on-site instruction
MEETS: JUNE 12-AUG 4

ENGINEER INTERNSHIP CH E 697 R CREDIT
Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF
2116005 1 ARRANGED
MEETS: MAY 15-AUG 4

TCGH PRACTIC:EXPc CH E 698B 1 CREDIT
Prereq: CHEM 698A Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

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

CHEMISTRY

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR 1 YR H.S. CHEM, OR ENROLLMENT IN CHEM 177L.
CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LAB) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201.
2495005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is on-site instruction
Section info: http://courses.chem.iastate.edu/

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN 177
Note: CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L.
2496005 1 LM 11:00-2:00
MEETS: MAY 15-JULY 7
Note: Course delivery is on-site instruction
Materials and professional support fee $115.00 Section info: http://courses.chem.iastate.edu/

2496010 2 LM 12:10-3:10
MEETS: MAY 15-JULY 7
Note: Course delivery is on-site instruction
Materials and professional support fee $115.00 Section info: http://courses.chem.iastate.edu/

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
Prereq: CHEM 177, CHEM 177L
Note: TEST NOT AVAILABLE TO STUDENTS ALSO REGISTERED IN CHEM 177.
2499005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
Section info: http://courses.chem.iastate.edu/

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
Prereq: CHEM 177L, CHEM 177, CHEM 178L AND CREDIT OR ENROLLMENT IN CHEM 178
2500005 1 TR 12:10-3:10
MEETS: MAY 15-JULY 7
Note: Course delivery is on-site instruction
Materials and professional support fee $115.00 Section info: http://courses.chem.iastate.edu/

2500010 2 MW 12:10-3:10
MEETS: MAY 15-JULY 7
Note: Course delivery is on-site instruction
Materials and professional support fee $115.00 Section info: http://courses.chem.iastate.edu/

CHEMISTRY (CONTINUED)

ELEM ORGANIC CHEM CHEM 231 3 CREDITS
Prereq: CHEM 163, CHEM 163L, OR CHEM 177, CHEM 177L OR CHEM 177.
Note: CREDIT FOR EITHER CHEM 231 OR BBMB 221, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER CHEM 231L (AND 231L) OR CHEM 331 (AND 331L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
2504005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 231L OR 177L.
Note: CREDIT FOR EITHER CHEM 331L OR CHEM 231L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER CHEM 231L OR CHEM 331L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
7900005 1 LM 9:50-12:50
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction
Materials and professional support fee $115.00 Section info: http://courses.chem.iastate.edu/

7900010 2 LM 1:20-4:20
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction
Materials and professional support fee $115.00 Section info: http://courses.chem.iastate.edu/

FRESH/SOPH RESEARCH CHEM 299 VAR. CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK
****** SEE DEPT FOR REFERENCE NUMBERS

ORGANIC CHEMISTRY I CHEM 331 3 CREDITS
Prereq: CHEM 178 OR CHEM 201, ENROLLMENT IN CHEM 331L HIGHLY RECOMMENDED.
Note: CREDIT FOR EITHER CHEM 331 (AND 331L) OR CHEM 231 (AND 231L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
2516005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
Prereq: CHEM 177L; CR OR ENROLLMENT IN CHEM 331
Note: CREDIT FOR EITHER CHEM 331L OR CHEM 231L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
5270005 1 LM 9:50-12:50
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction
Materials and professional support fee $115.00 Section info: http://courses.chem.iastate.edu/

5270010 2 TR 9:50-12:50
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction
Materials and professional support fee $115.00 Section info: http://courses.chem.iastate.edu/

ORGANIC CHEMISTRY II CHEM 332 3 CREDITS
Prereq: CHEM 331, ENROLLMENT IN CHEM 332L HIGHLY RECOMMENDED.
2517005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT
Prereq: CHEM 331L, CR OR ENROLLMENT IN CHEM 332L.
Note: CREDIT FOR EITHER CHEM 331L OR CHEM 231L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
5272005 1 TR 8:40-11:40
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction
Materials and professional support fee $115.00 Section info: http://courses.chem.iastate.edu/

5272010 2 TR 9:50-12:50
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction
Materials and professional support fee $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.
****** SEE DEPT FOR REFERENCE NUMBERS

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

(Continued)

COOPERATIVE EDUCATN CHEM 498 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR: SENIOR CLASSIFICATION
4841005 1 ARRANGED
MEETS: MAY 15-AUG 4

SENIOR RESEARCH CHEM 499 2- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK; 8 AVG IN ALL CHEMISTRY, PHYSICS, AND MATHEMATICS COURSES Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 499 AND CHEM 399 MAY BE APPLIED TOWARDS GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

SEMIR INORGNC CHEM CHEM 600 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR 2563005 1 ARRANGED
Note: Course delivery is On-line
RESEARCH CHEM 699 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

CHINESE

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

CIVIL ENGINEERING

ENGINEERING STATICS C E 274 3 CREDITS
Prereq: PHYS 231 & 231L CREDIT OR ENROLLMENT IN MATH 165 3004700 1 ARRANGED
MEETS: MAY 15-JUNE 8 Note: SEC 1 EXAMS WILL BE ONLINE & ADMINISTERED VIA WEBEX. STUDENTS WILL BE REQUIRED TO HAVE THEIR CAMERAS ON DURING THE EXAMS EXAM TIMES: WILL BE 5:00-6:30PM CST AND HELD ON THE FOLLOWING DATES: MAY 31, JUNE 14, JUNE 28. THE FINAL EXAM WILL BE HELD ON JULY 8 FROM 5:00-7:00PM CST. Course delivery is WWW

STRUCTURAL ANALYSIS I C E 332 3 CREDITS
2285700 1 ARRANGED
MEETS: MAY 15-JULY 7 Note: SEC 1 EXAMS: THURSDAY, JUNE 17 FROM 7:00-9:00PM. 
& JULY 8 FROM 7:00-9:00PM. HOMWORK WILL GENERALLY BE DUE ON TUESDAYS AND FRIDAYS THROUGHOUT THE SUMMER SESSION; MAY 21, MAY 25, MAY 28, JUNE 1, JUNE 4, JUNE 8, JUNE 11, JUNE 15, JUNE 18, JUNE 22, JUNE 25, JUNE 29, JULY 1, AND JUNE 6. Course delivery is WWW

REIN CONCRETE DSN I C E 334 3 CREDITS
2287700 1 ARRANGED
MEETS: MAY 15-JULY 7 Note: Course delivery is WWW

SUMMER INTERNSHIP C E 396 R CREDIT
Prereq: PERMISSION OF DEPT AND ENGR CAREER SERVICES Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

SPECIAL TOPICS C E 590 1- 3 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV BLDG CN C E 594L 3 CREDITS
Prereq: CON E 352 OR C E 306 OR GRADUATE STANDING OR PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2023 2186700 1 ARRANGED
MEETS: MAY 15-JULY 7 Note: Course delivery is WWW

CIVIL ENGINEERING

(Continued)

CREATIVE COMPONENT C E 599 1- 3 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS C E 690 1- 3 CREDITS
Prereq: PRE-ENROLLMENT CONTRACT REQUIRED
******* SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP C E 697 R CREDIT
Prereq: PERMISSION OF COOP ADVISER, GRAD CLASSIF Note: Department permission required.
1 ARRANGED
MEETS: MAY 15-AUG 4

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

CLASSICAL STUDIES

GREEK &ROMAN MYTHOL CL ST 273 3 CREDITS
Prereq: MEETS INTERNATIONAL PERSPECTIVES REGMT 2586700 1 ARRANGED
MEETS: MAY 15-JULY 7 Note: Course delivery is WWW
Materials and professional support fee $25.00
ANCIENT EGYPT CL ST 369 3 CREDITS
Prereq: Meets international perspectives regmt 0355700 1 ARRANGED
MEETS: JUNE 12-AUG 4 Note: Course delivery is WWW

COMMUNICATION STUDIES

LANG&RDG DEVEL CHLD CMDIS 471 3 CREDITS
Prereq: CMDIS 275 OR LING 275 OR PSYCH 230 OR ENGL 219 2618700 1 ARRANGED
MEETS: MAY 15-AUG 4 Note: Course delivery is WWW
Syllabus: http://faculty.sites.iastate.edu/girl/page/471summer

COMMUNICATION STUDIES

INTRO COMMUNIC STDI COMST 101 3 CREDITS
Prereq: E M 50 OR L M 327 7918003 1 T 9:50-11:20, ARRANGED
MEETS: JUNE 12-JULY 7 Note: Course delivery is WWW
COMM &U.S. DIVERSITY COMST 210 3 CREDITS
Prereq: Meets U.S. diversity regmt 7066700 1 ARRANGED
MEETS: MAY 15-AUG 4 Note: Course delivery is WWW

PROFESSNL COMMUNIC COMST 214 3 CREDITS
1 ARRANGED
MEETS: MAY 15-JUNE 9 Note: Course delivery is WWW

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 335 2298005 1 ARRANGED
MEETS: MAY 15-AUG 4 Note: Course delivery is WWW

RESEARCH SEMINAR COMST 497 1- 3 CREDITS
Prereq: INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK; 9 AVG IN ALL COMMUNICATION STUDIES CLASSES FROM THE FOLLOWING LIST: COMST 310, COMST 311, COMST 313, COMST 314, COMST 317, COMST 319, COMST 325, OR COMST 335; GRADUATE STANDING Note: Instructor permission required. 4421005 1 ARRANGED
MEETS: MAY 15-AUG 4 Note: Course delivery is WWW

RESEARCH SEMINAR COMST 497 1- 3 CREDITS
Prereq: INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK; 9 AVG IN ALL COMMUNICATION STUDIES CLASSES FROM THE FOLLOWING LIST: COMST 310, COMST 311, COMST 313, COMST 314, COMST 317, COMST 319, COMST 325, OR COMST 335; GRADUATE STANDING Note: Instructor permission required. 4421005 1 ARRANGED
MEETS: MAY 15-AUG 4 Note: Course delivery is WWW
COMMUNICATION STUDIES (CONTINUED)

SPECIAL TOPICS     CPR E 510   1- 6 CREDITS
Prereq: CPR E 308 OR CPR E 310
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 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

PRACTICUM     C R P 330   1- 3 CREDITS
Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING
2386005   1 ARRANGED
MEETS: MAY 15-AUG 4

PRO WORK EXPERIENCE     C R P 410   R CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR
2710005   1 ARRANGED
MEETS: MAY 15-AUG 4

INDEPENDENT STUDY     C R P 490   1- 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS     C R P 490H  1- 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN
UNIVERSITY HONORS PROGRAM.
Note: RESTRICTED TO MEMBERS OF UNIV HONORS PROGRAM ONLY
Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM     C R P 530   1- 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN C R P
2405005   1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TP PLAN LAW,ADM     C R P 590A 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECON DEVEL     C R P 590B 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN     C R P 590C 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOU&URB RV     C R P 590D 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN     C R P 590H 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRN PL     C R P 590I 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INT'L PLAN     C R P 590W 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATL AN MTH     C R P 590C 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRSQG PLAN     C R P 590Q 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC GIS     C R P 590R 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH     C R P 699   VAR. CREDITS
Note: Instructor permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

COMPUTER ENGINEERING

DIG LOGIC,PROC,PR I     CPR E 281  3 CREDITS
F/S 19:00-19:50
1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction

EMBEDDE SYS 1:INTRO     CPR E 288  4 CREDITS
F/S 13:00-13:50
1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction

INDEPENDENT STUDY     CPR E 490   1- 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY     CPR E 490H 1- 3 CREDITS
Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
Note: Department permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

HONORS DEP INDEPENDENT STUDY     CPR E 490H 1- 3 CREDITS
Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
Note: Department permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

HONORS SUMMER INTERNSHIP     CPR E 396  3 CREDITS
Prereq: CPR E 281, CPR E 308 OR CPR E 320
Note: Course delivery is WWW

INDEPENDENT STUDY     CPR E 490R  3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN COMPUTER ENGR
Note: Department permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC GIS     CPR E 590R 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GIS     C R P 590R 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH     C R P 699   VAR. CREDITS
Note: Instructor permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP PLAN LAW,ADM     C R P 590A 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECON DEVEL     C R P 590B 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN     C R P 590C 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOU&URB RV     C R P 590D 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN     C R P 590H 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRN PL     C R P 590I 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INT'L PLAN     C R P 590W 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATL AN MTH     C R P 590C 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRSQG PLAN     C R P 590Q 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC GIS     C R P 590R 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GIS     C R P 590R 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY     CPR E 595  1- 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN COMPUTER ENGR
Note: Department permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING INTERNSHIP     CPR E 697  1 CREDIT
Note: Department permission required.
***** SEE DEPT FOR REFERENCE NUMBERS
RESEARCH CPR E 699 VAR. CREDITS

COMPUTER SCIENCE

INTRO SPARDS&DATAS COM S 113 3 CREDITS
Note: S E, and CPR E MAJORS MAY NOT APPLY CREDIT IN COM S 113 TOWARD GRADUATION.
7761700 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

OBJT-ORIEN PROGRAM CPR S 227 4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 143 OR HIGHER; COM S 127 OR CPR E 185 OR S E 185 OR DS 201
Note: CREDIT FOR EITHER COM S 227 OR COM S 207, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
9237005 1 MTWHF 11:00-12:00
MTNR 12:10-1:10
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

INTRO DATA STRUCTUR COM S 228 3 CREDITS
Prereq: C- OR BETTER IN CPR S 227, CREDIT OR ENROLLMENT IN MATH 165
9238005 1 MTWHF 11:00-12:00
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

DISCRETE CMP STRUCT COM S 230 3 CREDITS
Prereq: C- OR BETTER IN COM S 227 AND MATH 165;
ENGL 150
4005700 1 MTWHF 9:50-10:50
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

DSN&ANALYSIS ALGTH COM S 311 3 CREDITS
Prereq: MINIMUM OF A C- IN COM S 228; MATH 166, ENGL 150; COM S 230 OR CPR E 310
2683005 1 MTWHF 11:00-12:00
TR 12:10-1:10
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

THEORY OF COMPUTING COM S 331 3 CREDITS
Prereq: C- OR BETTER IN COM S 228, MATH 166, AND IN COM S 230 OR CPR E 310; ENGL 250
2686700 1 MTWHF 11:00-12:00
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

COOPERATIVE EDUCAT COM S 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR
2691005 1 ARRANGED
MEETS: MAY 15-AUG 4

INDEPENDENT STUDY COM S 490 VAR. CREDITS
Prereq: 6 CR IN COM S 9, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS COM S 490H VAR. CREDITS
Prereq: 6 CR IN COM S, PERMISSION OF INSTRUCTOR, MEMBERSHIP IN HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS COM S 590 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

GRADUATE INTERNSHIP COM S 598 R CREDIT
Prereq: GRADUATE CLASSIFICATION
5627005 1 ARRANGED
MEETS: MAY 15-AUG 4

CREATIVE COMPONENT COM S 599 1- 3 CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COM S 610 VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH COM S 699 VAR. CREDITS
Prereq: APPROVAL OF INSTRUCTOR
Instructor permission required 1st week.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

CONSTRUCTION ENGINEERING

ENGINEERING LAW CON E 380 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
5102700 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

SUMMER INTERNSHIP CON E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

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

CRIMINAL JUSTICE

YOUTH & CRIME C J 241 3 CREDITS
0401700 1 ARRANGED
MEETS: MAY 15-JUNE 9
Note: Course delivery is WWW

DEVIAN &CRIM BEHAV C J 340 3 CREDITS
Prereq: SOC 134 OR C J 240
0402700 1 ARRANGED
MEETS: JULY 10-AUG 4
Note: Course delivery is WWW

PNISH,CORECTN&SOCIE C J 352 3 CREDITS
Prereq: C J 240, C J 241 OR SOC 241
0468005 1 ARRANGED
MEETS: MAY 15-JUNE 9
Note: Course delivery is WWW

CAPITAL PUNISHMENT C J 410 3 CREDITS
0488005 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

PNISH,CORECTN&SOCIE C J 460 3- 9 CREDITS
Prereq: JR/SR CLASSIFICATION; MAJOR OR MINOR IN CRIMINAL JUSTICE OR SOCIOLOGY.
Note: NO MORE THAN 9 CREDITS OF SOC 460/C J 460 MAY BE APPLIED TOWARD GRADUATION.
Satisfactory-Fail Only.
0400005 1 ARRANGED
MEETS: MAY 15-AUG 4
040010 2 ARRANGED
MEETS: MAY 15-JULY 7

CYBER SECURITY

NTWRK PROTOCOL&SECUR CYBSC 430 3 CREDITS
Prereq: CPR E 308 OR COM S 252 OR COM S 352
0192700 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is WWW

NTWRK PROTOCOL&SECUR CYBSC 530 3 CREDITS
0200700 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is WWW

DANCE

INDEPENDENT STUDY DANCE DANCE 490A 1- 3 CREDITS
Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR
******* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEPENDENT STUDY DANCE 490H 1- 3 CREDITS
Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

DATA SCIENCE

INDEPENDENT STUDY-HON DS 490H 1- 9 CREDITS
Prereq: DS 301 OR DS 303; PERMISSION OF INSTRUCTOR
Note: ONLY UP TO 9 CREDITS OF DS 490 OR DS 490H MAY COUNT TOWARD GRADUATION
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS
**DATA SCIENCE (CONTINUED)**

**INDEPENDENT STUDY**

**DS 490X**

- **1- 9 CREDITS**
- **Prereq:** DS 301 OR DS 303; PERMISSION OF INSTRUCTOR
- **Note:** ONLY UP TO 9 CREDITS OF DS 490 OR DS 490H MAY COUNT TOWARD GRADUATION
- **Satisfactory-Fail Grade Only.**

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**DESIGN STUDIES**

**PRACTICAL EXPERIENCE**

**DSN S 310**

- **R CREDIT**
- **Prereq:** PERMISSION OF ADVISOR OR COORDINATOR OF DESIGN STUDIES

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**DIETETICS (CONTINUED)**

**DIETHYR&HERB SUPPLEMENT**

**DIET 569**

- **3 CREDITS**
- **Prereq:** ENROLLMENT IN GPIPEA MFCS IN DIETETICS

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**EARLY CHILD CARE EDUCATION AND PROGRAMMING**

**CHILD DEVELOPMENT**

**EC P 201**

- **3 CREDITS**
- **Prereq:** HD FS 102

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**MACRO**

**DIET 540**

- **3 CREDITS**
- **Prereq:** GPIPEA MFCS IN DIETETICS

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**INFANT FEEDING**

**EC P 413**

- **3 CREDITS**
- **Prereq:** ENROLLMENT IN GPIPEA MFCS IN DIETETICS

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**MOTHER-CHILD INTERACTION**

**EC P 306**

- **3 CREDITS**
- **Prereq:** HD FS 102

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**PRACTICUM I--OBSERVATION**

**EC P 320**

- **3 CREDITS**

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**PRACTICUM II--OBSERVATION**

**EC P 323**

- **3 CREDITS**

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**THERE ARE NO COURSES LISTED FOR THIS CATEGORY**

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**ADAPTED CURRICULUM**

**EC P 413**

- **3 CREDITS**
- **Prereq:** ENROLLMENT IN GPIPEA MFCS IN DIETETICS

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**ADVANCED CURRICULUM**

**EC P 413**

- **3 CREDITS**
- **Prereq:** ENROLLMENT IN GPIPEA MFCS IN DIETETICS
### ECOLOGY & EVOLUTIONARY BIOLOGY

**SPECIAL TOPICS**  
EEOB 590  
1-3 CREDITS  
Prereq: GRAD CLASSIFICATION AND INSTRUCTOR PERMISSION  
********  
SEE DEPT FOR REFERENCE NUMBERS

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

### ECONOMICS

**PRINC MICROECONOMICS**  
ECON 101  
3 CREDITS  
3100005  
1 ARRANGED  
MEETS: MAY 15-JULY 7

**PRINC MACROECONOMICS**  
ECON 102  
3 CREDITS  
3099700  
1 ARRANGED  
MEETS: MAY 15-JULY 7

**COOPERATIVE EDUC**  
ECON 298  
R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION  
4834005  
1 ARRANGED  
MEETS: MAY 15-AUG 4

**ECON OF DISCRIMINAT**  
ECON 321  
3 CREDITS  
3116800  
SP ARRANGED  
ELOBEID A  
MEETS: MAY 30-JUNE 30

**COOPERATIVE EDUC**  
ECON 398  
R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
4835005  
1 ARRANGED  
MEETS: MAY 15-AUG 4

### EDUCATION

**PRIM GRD TCH LITRCY**  
EDUC 377  
4 CREDITS  
Prereq: EDUC 201, EDUC 332, JUNIOR CLASSIFICATION  
ADMITTED TO THE EDUCATOR PREPARATION PROGRAM  
EDUC 448, EDUC 468F, EDUC 468G, ECE MAJ; CONCURRENT ENROLLMENT IN EDUC 405, EDUC 449, EDUC 468B, AND EDUC 468D (EL ED MAJ) OR EDUC 438, EDUC 468B, EDUC 468C (EL ED MAJ); JUNIOR CLASSIFICATION  
EDUC 449, EDUC 468B, EDUC 468D, AND EDUC 443; ADMITTED TO THE EDUCATOR PREPARATION PROGRAM  
2078005  
1 MTWR 8:00-11:40  
MEETS: MAY 15-JUNE 9

**TCHG DISCPN LITERCY**  
EDUC 395  
3 CREDITS  
Prereq: EDUC 204 AND JUNIOR CLASSIFICATION  
9656005  
1 MTWRF 8:00-11:40  
MEETS: MAY 15-JUNE 9

**ONLN EDU PRE-K-12**  
EDUC 407  
3 CREDITS  
Prereq: EDUC 201 OR EDUC 203  
4037005  
1 MTWRF 8:00-11:40  
MEETS: MAY 15-JUNE 9

**TCHG OF SOC STUDIES**  
EDUC 443  
3 CREDITS  
Prereq: EDUC 377; CONCURRENT ENROLLMENT IN EDUC 378, EDUC 449, EDUC 468B, AND EDUC 468D; ADMITTANCE TO THE EDUCATOR PREPARATION PROGRAM  
3258005  
1 MTWRF 3:00-5:30  
MEETS: JUNE 12-JULY 7

**ONLINE PROG**  
EDUC 490  
1-5 CREDITS  
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON  
AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.  
Satisfactory-Fail Only  
********  
SEE DEPT FOR REFERENCE NUMBERS

**INDEPENDENT STUDY**  
EDUC 499  
1-5 CREDITS  
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON  
AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON 490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY APPLY NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.  
Satisfactory-Fail Only  
********  
SEE DEPT FOR REFERENCE NUMBERS

**COOPERATIVE EDUC**  
EDUC 498  
R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
Note: Permission of Advisor required.  
4836005  
1 ARRANGED  
MEETS: MAY 15-AUG 4

**SPECIAL TOPICS**  
EDUC 590  
1-5 CREDITS  
Satisfactory-Fail Only  
********  
SEE DEPT FOR REFERENCE NUMBERS

**CRITICAL THINKING**  
EDUC 607  
4 CREDITS  
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON  
AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON 490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY APPLY NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.  
Satisfactory-Fail Only  
********  
SEE DEPT FOR REFERENCE NUMBERS
EDUCATION (CONTINUED)

TCHNG CHILDREN MATH EDUC 448 3 CREDITS
Prereq: C- OR BETTER IN MATH 195 AND MATH 196.
CONCURRENT ENROLLMENT IN EDUC 377, EDUC 468A, EDUC 468C, AND EDUC 445; ADMITTED TO EDUCATOR PREPARATION PROGRAM.
3260010 1 MTWR 12:30-3:00 MEETS: MAY 15-JUNE 9
Note: Course delivery is On-site instruction

TEACHING OF SCIENCE EDUC 449 3 CREDITS
Prereq: EDUC 377, CONCURRENT ENROLLMENT IN EDUC 377, EDUC 468A, EDUC 468C, EDUC 445. ADMITTED TO THE EDUCATOR PREPARATION PROGRAM.
3261010 1 MTWR 12:30-3:00 MEETS: MAY 15-JUNE 9
Note: Course delivery is On-site instruction

LITERACY & LINGE ASEM EDUC 452 3 CREDITS
Prereq: EDUC 378 OR EQUIVALENT. CONCURRENT ENROLLMENT IN EDUC 448.
6584005 1 MTWR 9:00-11:00 ARRANGED
Note: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2023
Course delivery is On-site instruction

EMERG TOPC EDUC TECH EDUC 454 1 CREDIT
Prereq: COURSE RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. TAKE CONCURRENTLY WITH 377,405,448,468A.
9436005 1 ARRANGED
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY

CRIT APPRCH CH LIT EDUC 459 3 CREDITS
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM; EDUC 377 AND EDUC 378
0299005 1 MTWR 9:00-11:00 MEETS: JUNE 12-JULY 7
Note: Instructor permission required 1st week.

EXP III: PG RDS&LANG EDUC 468A 1 CREDIT
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM; RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. TAKE CONCURRENTLY WITH 377,405,448,468C.
Satisfactory-Fail Only.
3265005 1 MTWR 7:30-12:30 MEETS: JUNE 12-30

EXP III: PG RDS&LANG EDUC 468B 1 CREDIT
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM.
Note: RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. MUST BE TAKEN CONCURRENTLY WITH 377,405,448,468D.
Satisfactory-Fail Only.
3266005 1 MTWR 7:30-12:30 MEETS: JUNE 12-30
Note: Instructor permission required 1st week.

EXP III: PRMRY MATH EDUC 468C 1 CREDIT
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM.
Note: RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. MUST BE TAKEN CONCURRENTLY WITH 377,405,448,468A.
Satisfactory-Fail Only.
3267005 1 MTWR 7:30-12:30 MEETS: JUNE 12-30

EXP III: INT GRD SCI EDUC 468D 1 CREDIT
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM.
Note: RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. MUST BE TAKEN CONCURRENTLY WITH 377,405,448,468A.
Department permission required 1st week.
Satisfactory-Fail Only.
3268005 1 MTWR 7:30-12:30 MEETS: JUNE 12-30

EXP II: READ ENDORSE EDUC 468R 1 CREDIT
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM; CONCURRENT ENROLLMENT IN EDUC 378.
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
Department permission required 1st week.
Satisfactory-Fail Only.
4300005 1 ARRANGED MEETS: JUNE 12-30

EDUCATION (CONTINUED)

SUPVS TUTOR READING EDUC 488 3 CREDITS
Prereq: EDUC 378 OR EQUIVALENT; CONCURRENT ENROLLMENT IN EDUC 452.
9461005 1 MTWR 11:00-1:00 ARRANGED
MEETS: JUNE 12-JULY 7
Note: SEC 1 REGISTER FOR SAME SEC OF EDUC 452
Course delivery is Hybrid (Online and F2F)

INDEP STDY MUSIC ED EDUC 490A VAR. CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENRDT EDUC 490D 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY MTHD TCHG EDUC 490E 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY EDUC PSYCH EDUC 490F 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY HONORS EDUC 490H 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

INSTU SOC & CULTURL EDUC 490J 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY SCI EDUC 490K 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FOUND EDUC 490L 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY MATH EDUC 490M 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

TEACHING MATH TO ELL EDUC 502 3 CREDITS
Prereq: 6 GRADUATE CREDITS IN EDUCATION
Note: FOR M.A.T AND M.ED TEACHER LICENSURE STUDENTS ONLY
0084005 1 ARRANGED MEETS: JUNE 20-JULY 30
Course delivery is WWW

ADV SOC JUSTIC EDUC EDUC 506 3 CREDITS
Prereq: 6 GRADUATE CREDITS IN EDUCATION
Note: FOR M.A.T AND M.ED TEACHER LICENSURE STUDENTS ONLY.
2797005 1 TR 2:30-8:30PM MEETS: JUNE 12-JULY 7
Note: Course delivery is WWW

ONLN EDU PRE-K-12 EDUC 507 3 CREDITS
Prereq: EDUC 201 OR EDUC 203
4384005 1 ARRANGED MEETS: MAY 15-JUNE 9
Note: Course delivery is WWW

RES TRENDS EDUC TECH EDUC 512 3 CREDITS
Prereq: ADMISSION TO GRAD STUDY AND AT LEAST TWO CRES IN RESEARCH AND FOUNDATIONS OF INSTRUCTIONAL TECHNOLOGY
4298005 1 W 6:00-8:00PM ARRANGED MEETS: JUNE 5-30
Note: SEC 1 SIMULTANEOUS MEETINGS JUNE 7,14,21,28
Course delivery is Hybrid (Online and F2F)

INTR TCH&RN MTH&SC EDUC 521X 3 CREDITS
Prereq: ADMISSION INTO GRADUATE SECONDARY MATHEMATICS OR SCIENCE EDUCATION PROGRAM.
5497005 1 MW 1:10-4:00 MEETS: MAY 15-JUNE 9
Note: Course delivery is On-site instruction
EDUCATION  (CONTINUED)  46

CORRECTIVE READING  EDUC  552  3 CREDITS  
Prereq: EDUC 378 or equivalent. Concurrent enrollment in EDUC 489.
3276005 1 MTN 9:00-11:00  
ARRANGED  
MEETS: JULY 10-20 4  
Note: Sec 2 meets JUNE 13-20. Register for same sec of EDUC 489.  
Course delivery is On-site instruction.

CRIT APPRCH CH LIT  EDUC  559  3 CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM; EDUC 371 and EDUC 372.  
1672005 1 MTN 9:00-12:00  
MEETS: JUNE 12-20  
Note: Course delivery is On-site instruction.

INT'L TRAVEL STU ED  EDUC  575  1-6 CREDITS  
Prereq: EDUC 275; Program leader should have accepted participating students to the international travel study. EDUC 575: Must have completed 6 graduate credits.  
3736800 1 ARRANGED  
DYCJES  
MEETS: MAY 15-30  
Note: Sec it taught in Rome, Italy. Topic: School of education in Rome: Disciplinary literacy. Study abroad Summer 2023. Offered for 3 credits. Study abroad administrative fee applies.

TECNO EQUITY: HIST RC  EDUC  577  3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
2935005 1 ARRANGED  
MEETS: MAY 20-JUNE 7  
Note: Course delivery is WWW.

STUDI FOUND ED U.S.  EDUC  580  3 CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
0187005 1 TR 8:00-2:00  
MEETS: MAY 20-JUNE 7  
Note: Course delivery is WWW.

SUPVS TUTOR READING  EDUC  588  3 CREDITS  
Prereq: GRADUATE STATUS; Concurrent enrollment in EDUC 552  
9245005 1 MTN 11:00-1:00  
ARRANGED  
MEETS: JUNE 12-20  
Note: Sec 1 register for same sec of EDUC 552. Course delivery is On-site instruction. Materials and equipment use fee $25.00.

SPL TOP CURRICULUM  EDUC  590A  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

SPL TOP EDUC TECHNO  EDUC  590B  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

SP TOP SCIENCE EDUC  EDUC  590C  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

SPL TOPICS SEC EDUC  EDUC  590D  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

SP TOP SOCIAL/CULTURAL  EDUC  590F  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

SPL TOPICS MATH EDUC  EDUC  590G  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

SPL TOPICS ELEMENTARY  EDUC  590I  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

SPL TOP EDUC PSYCH  EDUC  590K  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

SPL TOP LITERACY ED  EDUC  590M  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

WRKSHOP SOCIAL/CULTURAL  EDUC  593F  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
2815005 1 ARRANGED  
MEETS: MAY 15-20  
Note: Course delivery is On-site instruction.

TCHG DISCPLN LITERACY  EDUC  595  3 CREDITS  
Prereq: Graduate status and teaching license  
2932005 1 MW 5:30-8:30  
MEETS: MAY 15-20  
Note: Course delivery is On-site instruction.

EDUCATION  (CONTINUED)  46

CRTV COMP CURRICULUM  EDUC  599A  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

CRTV COMP TECHNOLOGY  EDUC  599B  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

CRTV COMP SCIENCE EDUC  EDUC  599C  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

CRTV COMP SOCIAL/EDUCATIONAL  EDUC  599D  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

CRTV COMP CURRICULUM  EDUC  599M  1-3 CREDITS  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

MOTIV EDUC LITERACY  EDUC  680X  3 CREDITS  
Prereq: GRADUATE STATUS  
1848005 1 ARRANGED  
MEETS: MAY 15-20  
Note: Course delivery is WWW.

ADV SP TOP CURRICULUM  EDUC  690A  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

ADV SP TOP TECHNOLOGY  EDUC  690B  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

ADV SP TOP SCIENCE EDUC  EDUC  690C  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

ADV SP TOP SOCIAL/EDUCATIONAL  EDUC  690F  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

ADV SP TOP MATH EDUC  EDUC  690G  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

ADV SP TOP EDUCATIONAL TECHNOLOGY  EDUC  690K  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

ADV SP TOP SOCIAL/EDUCATIONAL  EDUC  690K  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

ADV SP TOP SPED EDUCATION  EDUC  690M  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

ADV SP TOP CURRICULUM  EDUC  690A  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

RESEARCH CURRICULUM  EDUC  699A  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

RESEARCH TECHNOLOGY  EDUC  699B  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

RESEARCH SCIENCE EDUCATION  EDUC  699C  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

RESEARCH SOCIAL/EDUCATIONAL  EDUC  699D  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

RESEARCH CURRICULUM  EDUC  699A  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

RESEARCH TECHNOLOGY  EDUC  699B  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

RESEARCH SCIENCE EDUCATION  EDUC  699C  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.

RESEARCH SOCIAL/EDUCATIONAL  EDUC  699D  Varies  
Prereq: 9 Graduate credits in education.  
*******  
SEE DEPT FOR REFERENCE NUMBERS.
### EDUCATIONAL ADMINISTRATION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prereq</th>
<th>Notes</th>
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<tr>
<td>LDRSHP EVAL OUTCOME</td>
<td>EDADM 543X</td>
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<td>PRINCIPAL LEADERSHIP</td>
<td>EDADM 552</td>
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<td>SPECIAL TOPICS</td>
<td>EDADM 590</td>
<td>1-4</td>
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<td>ORG SOC JUSTIC LDSHP</td>
<td>EDADM 625</td>
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<td>ADV SPECIAL TOPICS</td>
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<td>EDADM 699</td>
<td>VAR.</td>
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### ELECTRICAL ENGINEERING

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
<th>Prereq</th>
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<tbody>
<tr>
<td>ELECTRIC CIRCUITS</td>
<td>EE 201</td>
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<td>PHYS 231 &amp; 231L; CREDIT OR ENROLLMENT IN MATH 267</td>
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### ELECTRONICS

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<tr>
<td>ELECTRONICS</td>
<td>EE 230</td>
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### PHYSICS

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<th>Course Code</th>
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<th>Prereq</th>
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<tr>
<td>ELECTRICITY</td>
<td>EE 311</td>
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### ELECTRICAL ENGINEERING

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<th>Course Code</th>
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<tr>
<td>ENGR 396X</td>
<td>SUMMER INTERNSHIP</td>
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### ELECTRONICS

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<th>Course Code</th>
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<tr>
<td>ELECTRONICS</td>
<td>EE 201</td>
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### PHYSICS

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<th>Course Code</th>
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<th>Prereq</th>
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<tbody>
<tr>
<td>ELECTRICITY</td>
<td>EE 311</td>
<td>4</td>
<td></td>
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</table>
ENGLISH NONNATIVE II ENGL 101C 3 CREDITS
Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN VARIOUS SECTIONS DETERMINED BY EXAMINATION
Note: ENGL 101C DOES NOT APPLY TOWARD GRADUATION
3297500 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3297510 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW
3297515 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

CRITCL THINK/MUNIC ENGL 150 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN LIB 160 IS RECOMMENDED
Note: CONCURRENT ENROLLMENT IN LIB 160 IS RECOMMENDED.
3298005 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW
3298010 2 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW
3298015 3 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW
3307800 SP ARRANGED
SONSAAT H
MEETS: MAY 30-JULY 10
Note: SEC SP TAUGHT IN VALENCIA, SPAIN.
ISU ON THE MEDITERRANEAN- SUMMER IN VALENCIA.
SUMMER 2023 STUDY ABROAD. TRAVEL JUNE 5-JULY 7
Study Abroad Administrative Fee Applies

WRIT, ORAL, EL COMPOS ENGL 250 3 CREDITS
Prereq: ENGL 150 OR EXEMPTION FROM ENGL 150;
CREDIT FOR OR CONCURRENT ENROLLMENT IN LIB 160
3299005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3299010 2 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3299015 3 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3299020 4 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW
3299025 5 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW
3299030 6 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

BUSINESS COMMUNICAT ENGL 302 3 CREDITS
Prereq: ENGL 250, JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO JUNIOR & SENIORS.
ON-CAMPUS SECT WILL MEET TWO DAYS EACH WEEK IN A
COMPUTER LAB. EXCLUDING WWW SEC.
3314005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3314010 2 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3314015 3 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3314020 4 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3314025 5 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3314030 6 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3314715 7 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3314720 8 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3314725 9 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3314730 10 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
3314735 11 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW
3314740 12 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW
3314745 13 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW
3314750 14 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW
3314755 15 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

**ENTREPRENEURSHIP**

**ENTREPRENEURSHIP INNOVATION ENTSF 310 VAR. CREDITS**
Prereq: SOPHomore CLASSIFICATION
Note: COURSE RESTRICTED TO UNDERGRADUATE STUDENTS SOPH & ABOVE.
0020005 1 ARRANGED
MEETS: MAY 15-JUNE 23
Note: COURSE delivery is WWW.
0020800 SP ARRANGED
MEETS: MAY 30-JULY 10
Note: SEC TAUGHT IN VALENCIA, SPAIN.
ISU ON THE MEDITERRANEAN- SUMMER IN VALENCIA.
SUMMER 2023 STUDY ABROAD. TRAVEL JUNE 5-JULY 7.
Study Abroad Administrative Fee Applies.

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**ENVIRONMENTAL ENGINEERING**

**SUMMER INTERNSHIP ENV E 396 VAR. CREDITS**
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
03728005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is WWW.

**INDEPENDENT STUDY ENV E 490X VAR. CREDITS**
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

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**ENVIRONMENTAL SCIENCE**

**INTERNSHIP ENV SCI ENSCI 390 VAR. CREDITS**
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

**APPRENTICESHIP ENV SCI 391 VAR. CREDITS**
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

**INDEPENDENT STUDY ENV SCI 490 VAR. CREDITS**
Prereq: Instructor permission, approval of ENVIRONMENTAL SCIENCE COORDINATOR
Satisfactory-Fail Only.

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**ENVIRONMENTAL STUDIES**

**GEOLOGICAL DISASTERS ENV S 111 VAR. CREDITS**
Prereq: JUNIOR CLASSIFICATION
Note: Course delivery is WWW.

**INTR RENEW RESOURCES ENV S 120 VAR. CREDITS**
Prereq: JUNIOR CLASSIFICATION
Note: Instructor permission required.

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**EVENT MANAGEMENT**

**INTRO EVENT MANAGMT EVENT 171 VAR. CREDITS**
Prereq: JUNIOR CLASSIFICATION
Note: Course delivery is WWW.

**INTRO DIGITAL PROMO EVENT 277 VAR. CREDITS**
Prereq: JUNIOR CLASSIFICATION
Note: Course delivery is WWW.
FAMILY & CONSUMER SCIENCES ED & STUDIES

SHRT CRS: APPL CNST FCEDS 301K 3 CREDITS
Prereq: 6 CREDITS IN FAMILY AND CONSUMER SCI OR EDUCATION
Note: Lab will meet in person June 20–June 24

EDU PRIN FAMILY SCI FCEDS 306 4 CREDITS
Prereq: 15 CREDITS IN FAMILY AND CONSUMER SCIENCES SUBJECT MATTER

FAMILY FINANCIAL PLANNING

FINANC. THRY & RES I FIN 520 3 CREDITS
Prereq: EVENT 171 OR EVENT 271

INDEP STDY CONFERNC EVENT 490B VAR. CREDITS
Prereq: APPROVAL OF PROGRAM COORDINATOR
Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION

INDEP STDY SPCL EVNTS EVENT 490C VAR. CREDITS
Prereq: APPROVAL OF PROGRAM COORDINATOR
Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION

FAM FINANC PL SEM EVENT 634 3 CREDITS
4704005 1 ARRANGED
MEETS: MAY 15–JUNE 9
Note: Course delivery is WWW

PRINCIPAL OF FINANCE FIN 301 3 CREDITS
Prereq: ACCT 284, ECON 101, STAT 226

PRINCIPAL OF FINANCE FIN 301 3 CREDITS
Prereq: FIN 301 AND CO-REQUISITE OF MATH 151 OR MATH 152
Note: Course delivery is WWW

INVESTMENTS FIN 320 3 CREDITS
Prereq: FIN 301; AND CO-REQUISITE OF MATH 151 OR MATH 152
Note: Course delivery is WWW

REAL ESTATE FINANCE FIN 310 3 CREDITS
Prereq: EVENT 171 OR EVENT 271

REAL ESTATE FINANCE FIN 310 3 CREDITS
Prereq: FIN 301; AND CO-REQUISITE OF MATH 151 OR MATH 152
Note: Course delivery is WWW

REAL ESTATE FINANCE FIN 310 3 CREDITS
Prereq: FIN 301; AND CO-REQUISITE OF MATH 151 OR MATH 152
Note: Course delivery is WWW
FOOD SCIENCE & HUMAN NUTRITION

FOOD & THE CONSUMER FS HN 101 3 CREDITS
Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR CREDITS EACH OF BIOLOGY AND CHEMISTRY
Note: COURSE RESTRICTED TO FSHNA, FSHNH MAJORS ONLY
1923700 1 ARRANGED
Note: Course delivery is WWW

NUTRI ACTIV LIFESTYL FS HN 265 3 CREDITS
Prereq: FS HN 167; PLUS CREDIT OR ENROLLMENT IN BIOCHEMISTRY OR CREDIT IN FS HN 264
6232700 1 ARRANGED
Note: Course delivery is WWW

WORLD FOOD ISSUES FS HN 342 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Course delivery is WWW
1923700 1 ARRANGED
Note: Course delivery is WWW

FOOD LAWS&REGULATNS FS HN 403 2 CREDITS
Prereq: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT 200 LEVEL OR ABOVE
3679700 1 ARRANGED
Note: Course delivery is WWW

IND STUDY DIETETICS FS HN 490A 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY FOOD SCI FS HN 490B 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IN DEP STUDY NUTRITION FS HN 490C 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY FIN 490 1-3 CREDITS
Prereq: FIN 301, STAT 326 AND PERMISSION OF INSTRUCTOR
Note: PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES CENTER
Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

INVESTMENTS FIN 520 3 CREDITS
Prereq: FIN 501 OR INSTRUCTOR PERMISSION
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
2049700 1 ARRANGED
Note: Course delivery is WWW

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

RESEARCH PRACTICM I FIN 660X 1 CREDIT
Prereq: ENROLLMENT IN THE PhD PROGRAM
Note: RESTRICTED TO BUSINESS COLLEGE PhD STUDENTS
9099700 1 ARRANGED

MATH SDM 690 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

STUDY ABROAD SUMMER 2023
Note: SEC STUD TAUGHT IN SHETLAND, SCOTLAND. TOPIC: SUSTAINABILITY, NUTRITION AND NATURE IN NATIVE BRITISH OFFERED FOR 2 CREDITS. STUDY ABROAD ADMINISTRATIVE FEE APPLIES
6903700 1 ARRANGED
Note: COURSE RESTRICTED TO FSHNA, FSHNH MAJORS ONLY

MICROBIOLOGY OF FOOD FS HN 521 2 CREDITS
Prereq: MICROBIOLOGY WITH LAB; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
7451700 1 ARRANGED
Note: Course delivery is WWW
Tuition Category: GPIDEA Consortium

FOOD SAFETY OVRVIEW FS HN 523 2 CREDITS
Prereq: A COURSE IN BIOLOGY OR CHEMISTRY; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
9441700 1 ARRANGED
Note: SEC STUD TAUGHT IN SHETLAND, SCOTLAND. TOPIC: SUSTAINABILITY, NUTRITION AND NATURE IN NATIVE BRITISH OFFERED FOR 2 CREDITS. STUDY ABROAD ADMINISTRATIVE FEE APPLIES
Tuition Category: GPIDEA Consortium

ETHNIC FOODS:SAFETY FS HN 526 2 CREDITS
Prereq: GRADUATE STANDING; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
9446700 1 ARRANGED
Note: COURSE RESTRICTED TO FSHNA, FSHNH MAJORS ONLY
Tuition Category: GPIDEA Consortium

UNIVERSITY HONORS PROGRAM

FINANCE (CONTINUED)

INDEPENDENT STUDY INT'L EXP FS HN 499D 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF FS HN 499D MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS FS HN 499H 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF FS HN 499H MAY BE APPLIED TOWARD GRADUATION, RESTRICTED TO HONORS PROGRAM STUDENTS 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 491B,C,D MAY BE APPLIED TOWARD GRADUATION
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK NUTRITION FS HN 491C 1-4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: NO MORE THAN 4 CREDITS OF FS HN 491C,D MAY BE APPLIED TOWARD GRADUATION
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK CULINARY FS HN 491D 1-6 CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK
Note: NO MORE THAN 6 CREDITS OF FS HN 491D MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

TRAVEL - INTERNATNL FS HN 495A 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt
6295805 ST ARRANGED
Note: SEC ST TAUGHT IN SHETLAND, SCOTLAND. TOPIC: SUSTAINABILITY, NUTRITION AND NATURE IN NATIVE BRITISH OFFERED FOR 2 CREDITS. STUDY ABROAD ADMINISTRATIVE FEE APPLIES
Tuition Category: GPIDEA Consortium

UNDERGRAD RESEARCH FS HN 499 1-6 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

LOST HONORS FS HN 490H 1-6 CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK
Note: NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS
FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

LDHR & MGMT DIETETC FS HN 537 3 CREDITS
Prereq: acceptance in the master of professional practice in dietetics program
Note: course restricted to fsna, fsnn majors only
0328005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: course delivery is www

FOOD SYM MGMT EXPER FS HN 554 3 CREDITS
Prereq: acceptance in the master of professional practice in dietetics program
Note: course restricted to fsna, fsnn majors only
3050005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: course delivery is www

SPL TOPICS NUTRITION FS HN 590A 1-3 CREDITS
Prereq: instructor permission
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FOOD SCI FS HN 590B 1-3 CREDITS
Prereq: instructor permission
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING FS HN 590C 1-3 CREDITS
Prereq: permission of instructor
******** SEE DEPT FOR REFERENCE NUMBERS

TRAVEL - INTERNATIONAL FS HN 596A 1-4 CREDITS
Prereq: meets international perspectives reqmt
6306805 ST ARRANGED CAMPBELL C
MEETS: JULY 31-AUG 15
Note: sec st taught in shetland, scotland, topic: sustainability, nutrition and nature in shetland. offered for 2 credits. study abroad summer 2023
Study abroad administrative fee applies

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

SEMINAR 3648005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: course delivery is on-site instruction

SPECIAL PROBLEMS FS HN 690 VAR. CREDITS
Prereq: fs hn 502 or fs hn 503 or fs hn 504 or fs hn 553 or fs hn 554
******** SEE DEPT FOR REFERENCE NUMBERS

RESrch FOOD SCIENCE FS HN 699 VAR. CREDITS
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

SPL PROB LEADERSHIP FOR 290A 1-4 CREDITS
Prereq: Frosh or Soph class, instructor permission
******** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB ECOSYS MGT FOR 290B 1-4 CREDITS
Prereq: Frosh or Soph class, instructor permission
******** SEE DEPT FOR REFERENCE NUMBERS

SPL PRB RESRC CNSRV FOR 290C 1-4 CREDITS
Prereq: Frosh or Soph class, instructor permission
******** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB URB&COMMUN FOR 290D 1-4 CREDITS
Prereq: Frosh or Soph class, instructor permission
******** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB WOOD SCIENC FOR 290E 1-4 CREDITS
Prereq: Frosh or Soph class, instructor permission
******** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOLOGY FOR 599A 1-12 CREDITS
Prereq: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOMTRY FOR 599B 1-12 CREDITS
Prereq: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR MGTAADM FOR 599D 1-12 CREDITS
Prereq: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

FOREST BIOLGY RSRCH FOR 699A 1-12 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY (CONTINUED)

FOR BIOMETRY RSRCH FOR 699B 1-12 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1-12 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

FOR MGT&AADM RSRCH FOR 699D 1-12 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

RSRCH PLANT PHYSIOL FOR 699F 1-12 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

FRENCH

FRNCH STUDY IN ENGL FS HN 370 3-4 CREDITS
Prereq: for fourth credit - 6 credits in french at 300 level
Note: Meets international perspectives reqmt
7933005 1 ARRANGED
MEETS: MAY 15-JUNE 9
Note: course delivery is on-site instruction
Materials and professional support fee $25.00

INDEPENDENT STUDY FS HN 490 1-6 CREDITS
Note: no more than 9 credits in fnich 490 may be applied toward graduation
Permission of department chair required.
******** SEE DEPT FOR REFERENCE NUMBERS

FRENCH INTERNSHIP FS HN 499 1-3 CREDITS
Prereq: 9 credits of french at the 300 level; permission of advisor and lcl internship coordinator.
Note: credit in fnich 499 may only apply toward graduation in the major. no more than 3 credits in fnich 499 may be applied toward graduation in the major.
Department permission required.
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

GENETICS

PRINCIP OF GENETICS GEN 313 3 CREDITS
Prereq: BIOL 211 & BIOL 212L, credit or enrollment in organic chemistry
Note: credit for only one of the following may be applied toward graduation: gen 260, gen/biol 313/301 and 313/301L, gen/agron 320
9559700 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: course delivery is www

INDEPENDENT STUDY GEN 490 1-5 CREDITS
Prereq: gen 313, junior or senior classification, permission of instructor
Note: genetics majors may apply no more than 9 credits of 490 (including gen 490) toward graduation
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GENETICS GEN 495 1-3 CREDITS
Prereq: gen 313, junior or senior classification, permission of instructor
Note: genetics students may use no more than 9 credits of 490-499 university wide toward graduation
******** SEE DEPT FOR REFERENCE NUMBERS

ATTEND&CRITIQ SEMNR GEN 496 1-3 CREDITS
Prereq: gen 313, junior or senior classification, permission of instructor
Note: genetics students may apply no more than 9 credits of 490-499 university wide toward graduation
Satisfactory-Fail Only
******** SEE DEPT FOR REFERENCE NUMBERS

GENETICS RESEARCH GEN 499 1-5 CREDITS
Prereq: gen 313, jr/sr classification, permission of instructor
Note: genetics students may use no more than 9 credits of university-wide 490-499 credits toward graduation
******** SEE DEPT FOR REFERENCE NUMBERS

GENET RESRCH HONORS GEN 499H 1-5 CREDITS
Prereq: gen 313, jr/sr classification, permission of instructor.
Note: membership in university honors program.
Note: genetics students may use no more than 9 credits of university-wide 490-499 credits toward graduation
******** SEE DEPT FOR REFERENCE NUMBERS
GENETICS - INTERDISCIPLINARY

SPECIAL TOPICS GENET 590 VAR. CREDITS
SPECIAL TOPICS GENET 590 VAR. CREDITS
GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS
Satisfactory-Fail Only.

GENETICS, DEVELOPMENT & CELL BIOL

SPECIAL TOPICS GDCB 590 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2023

RESEARCH GENET 699 VAR. CREDITS
Satisfactory-Fail Only.

GEOLGY

AGE OF DINOSAURS GEOL 103 1 CREDIT
9327700 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

GEOLOGICAL DISASTERS GEOL 111 1 CREDIT
9132700 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

INDEPENDENT STUDY GEOL 290 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SUMMER FIELD STUDY GEOL 302 6 CREDITS
Prereq: GEOL 102, GEOL 356, GEOL 368
3881005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Instructor permission required.
Materials, field trips &/or travel fee $2,500.00

INDEPENDENT STUDY GEOL 490 1-3 CREDITS
Prereq: 6 CR in GEOLOGY & PERMISSION OF INSTRUCTOR
May be applied toward graduation

SPL TOP SURFIC PROC GEOL 590A 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOP STRATIGRAPHE GEOL 590B 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOP SEDIMENTATN GEOL 590C 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOP PALEONTOLOGY GEOL 590D 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOPS PETROLOGY GEOL 590E 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOP STRUCTURAL GEOL 590F 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOPICS GEOCHEM GEOL 590G 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOPICS HYDROGEOLOGY GEOL 590H 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOPICS EARTH SCI GEOL 590I 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOP MIN RESOURC GEOL 590J 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

RESEARCH GEOPHYSICS GEOL 590K 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

RESEARCH MINERALOGY GEOL 590L 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

RESEARCH TECTONICS GEOL 590M 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

RESURFICIAL PROC GEOL 699A VAR. CREDITS

RESEARCH STRATIGRAPHY GEOL 699B VAR. CREDITS

RESEARCH SEDIMENTATION GEOL 699C VAR. CREDITS

RESEARCH PALEOECO&CLIMATE GEOL 699D VAR. CREDITS

RESEARCH PETROLOGY GEOL 699E VAR. CREDITS

RESEARCH MINERAL RESOURCES GEOL 699F VAR. CREDITS

RESEARCH GEOPHYSICS GEOL 699G VAR. CREDITS

RESEARCH MINERALOGY GEOL 699H VAR. CREDITS

RESEARCH TECTONICS GEOL 699I VAR. CREDITS

RESURFICIAL PROC GEOL 790A VAR. CREDITS

RESEARCH PETROLOGY GEOL 790B VAR. CREDITS

RESEARCH MINERAL RESOURCES GEOL 790C VAR. CREDITS

RESEARCH GEOPHYSICS GEOL 790D VAR. CREDITS

GERMAN

GENEIN ENGL GER 370 3-4 CREDITS
Prereq: Sophomore Classification. For 4th credit, 6 credits in German at the 300 level.
MEETS: JUNE 5-23
INDEPENDENT STUDY
GER 490 1-6 CREDITS
Prereq: 6 CR in GER; permission of dept chair
Note: No more than 9 credits in GER 490 may be applied toward graduation
Permission of department chair required.
******** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP
GER 499 1-3 CREDITS
Prereq: 9 credits of German at the 300 level; permission of advisor and world languages and cultures internship coordinator
Note: No more than 3 credits of GER 499 may be applied toward graduation in the major
Department permission required.
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

GERONTOL PRACTICUM
GERON 467 3-6 CREDITS
Prereq: GERON 466, advance reservation
Satisfactory-Fail Only.
7870005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is on-site instruction

COGNITIVE HEALTH
GERON 524 3 CREDITS
3548705 F ARRANGED
MEETS: JUNE 12-AUG 4
Note: Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium
3548710 H ARRANGED
MEETS: JUNE 12-AUG 4
Note: Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium
3548720 I ARRANGED
MEETS: JUNE 12-AUG 4
Note: Tuition Category: GPIDEA Consortium
Course delivery is WWW

SPECIAL TOPICS
GERON 590 VAR. CREDITS
8316700 G ARRANGED
MEETS: MAY 16-JULY 7
Note: Course delivery is WWW
Course delivery is WWW
Tuition Category: GPIDEA Consortium

CREATIVE COMPONENT
GERON 599 VAR. CREDITS
8326705 F ARRANGED
MEETS: MAY 15-AUG 4
Note: Tuition Category: GPIDEA Consortium
Course delivery is WWW

GLOBAL RESOURCE SYSTEMS
APPRENTICESHIP
GLOBE 221 R CREDIT
Prereq: Approval by the global resource systems faculty coordinator
Satisfactory-Fail Only.
6652005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is on-site instruction

GLOBE 320 1-3 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
Department permission required.
Satisfactory-Fail Only.
8676005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is on-site instruction

GLOBE 401 3 CREDITS
Prereq: senior classification in globe
6799005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is on-site instruction

GLOBE 401H 3 CREDITS
8914005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is on-site instruction

GLOBE 490A 1-4 CREDITS
Prereq: Instructor permission; approval by the global resource systems faculty coordinator
Note: No more than 9 credits of GLOBE 490 (any dept) may be applied toward graduation in global resource systems
******** SEE DEPT FOR REFERENCE NUMBERS

GLOBAL RESOURCE SYSTEMS
INDEPENDENT STUDY
GLOBE 290 1-2 CREDITS
Prereq: Permission of instructor, approval by the global resource systems faculty coordinator
******** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP - 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
Department permission required.
Satisfactory-Fail Only.
8684005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Instructor permission required.
Course delivery is on-site instruction

INTERNSHIP - U.S.
GLOBE 322 3-6 CREDITS
Prereq: GLOBE 320; JR. OR SR. CLASSIFICATION IN GLOBAL RESOURCE SYSTEMS MAJOR; PERMISSION OF INSTRUCTOR AND APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: No more than 12 credits of GLOBE 321 and GLOBE 322 may be applied toward degree requirements
8685005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Instructor permission required.
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 committing work period
Satisfactory-Fail Only.
9740005 1 ARRANGED
MEETS: MAY 15-AUG 4

INDEPENDENT STUDY
GLOBE 490H 1-4 CREDITS
Prereq: Instructor permission; approval by the global resource systems faculty coordinator
Note: No more than 9 credits of GLOBE 490 (any dept) may be applied toward graduation in global resource systems
8687005 1 ARRANGED
MEETS: MAY 15-AUG 4

INDEPENDENT STUDY
GLOBE 490H 1-4 CREDITS
Prereq: Instructor permission; approval by the global resource systems faculty coordinator
Note: No more than 9 credits of GLOBE 490 (any dept) may be applied toward graduation in global resource systems
8688005 1 ARRANGED
MEETS: MAY 15-AUG 4

GLOBAL RESOURCE SYSTEMS
SERVICE LEARN INT’L GLOBE 494A VAR. CREDITS
Prereq: Instructor permission
3581800 UG ARRANGED
MEETS: MAY 30-JULY 8
Note: SEC US TAUGHT IN UGANDA. CREATING A SCHOOL GARDEN: SERVICE LEARNING IN UGANDA. SUMMER ABROAD 2023. OFFERED FOR 4 CREDITS.
Study Abroad Administrative Fee Applies

GLOBAL RESOURCE SYSTEMS
SERVICE LEARN DOMESTIC GLOBE 494B VAR. CREDITS
Prereq: Permission of instructor
3604005 VI ARRANGED
MEETS: MAY 15-AUG 4

GLOBAL RESOURCE SYSTEMS
DEANS GLOBAL AG PROG GLOBE 497 1-4 CREDITS
Prereq: Successful completion of 2 credits of GLOBE 495 and permission of instructor
Note: Meets international perspectives reqmt
8985000 IT ARRANGED
MEETS: MAY 15-JUNE 9
Note: SEC IT TAUGHT IN ROME, ITALY. DEAN’S GLOBAL & AGRICULTURE LEADERSHIP PROGRAM: ROME. SUMMER ABROAD 2023. OFFERED FOR 3 CREDITS.
Study Abroad Administrative Fee Applies
GRAPHIC DESIGN

GRAPH DSGN INTERNSHIP  ARTGR 480  3 CREDITS
Prereq: ARTGR 377, 12 CR IN GRAPHIC DESIGN; INSTR PERMISSION, REGISTRATION IN ADVANCE OF ENROLLMENT
7746005  1 ARRANGED
MEETS: MAY 15-AUG 4

STUDIES IN GRAPH DSGN ARTGR 484  1-3 CREDITS
Prereq: JUNIOR OR SENIOR STANDING IN THE GRAPHIC DESIGN PROGRAM
Note: Instructor permission required 1st week.
8261005  1 ARRANGED
MEETS: MAY 15-JULY 7
Note: SEC 1 TOPOC: ICON & LOGO DESIGN
Course delivery is WWW

IND ST THEORY, CRIT ARTGR 490A  1-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING IN THE GRAPHIC DESIGN PROGRAM
Note: On Required Form in Advance of Semester of Enrollment
******

PRACTICAL TRAINING  GR ST 497  1 CREDIT
Prereq: REQUIRED APPROVAL SIGNATURE SHOULD BE OBTAINED IN 1137 PEARSON HALL
6905005  1 ARRANGED
MEETS: MAY 15-AUG 4
Note: College permission required.

GRAPHIC DESIGN (CONTINUED)

SPL TOPCS THRY,CRIT ARTGR 590A  VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
******

PUBLICATION DESIGN ARTGR 591  3 CREDITS
Prereq: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN
2143005  1 MTWR 8:40-12:00
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction

GRAPHIC DSGN EUR ARTGR 595  3 CREDITS
Prereq: GRADUATE CLASS, ARTGR 494 OR EQUIV, INSTR PERMISSION
1910800  EN ARRANGED
BRUSKI P
MEETS: MAY 16-JUNE 5
Note: SEC EN TAUGHT IN EUROPE. TOPIC: GRAPHIC DESIGN IN EUROPE. STUDY ABOARD SUMMER 2023 Study Abroad Administrative Fee Applies

CREATIVE COMPONENT ARTGR 599  VAR. CREDITS
******

RESEARCH - THESIS ARTGR 699  VAR. CREDITS
******

HIGHER EDUCATION

FIND LEADRSHP&LRNG HG ED 544  3 CREDITS
Prereq: GRADUATE CLASSIFICATION
5438700  1 ARRANGED
MEETS: MAY 15-JUNE 23
Note: Course delivery is WWW

HG ED RESOURCE MGMNT HG ED 572X  3 CREDITS
Prereq: SEC EN TAUGHT IN EUROPE. TOPIC: GRAPHIC DESIGN IN EUROPE. STUDY ABOARD SUMMER 2023 Study Aboard Administrative Fee Applies
0911005  1 ARRANGED
MEETS: JUNE 26-AUG 4
Note: Course delivery is WWW

SPL TOP STDT SERVIC HG ED 590A  1-4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******

SPL TOP COMMUN COLL HG ED 590B  1-4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******

SPL TOP INTNL HG ED HG ED 590C  1-4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******

SPL TOP LNM IN HG ED HG ED 590F  1-4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******

RESEARCH - THESIS ARTGR 699  VAR. CREDITS
******
SP TOP INSTITNL RES HG ED 590G 1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION

SUPV FIELD EXPERIEN HG ED 591 1- 4 CREDITS
Prereq: 9 CREDITS GRADUATE WORK

CREATIVE COMPONENT HG ED 599 VAR. CREDITS
Prereq: 9 CREDITS IN EDUCATION

COMM COLLEGE STUDTS HG ED 663 3 CREDITS
0707005 1 ARRANGED
MEETS: JUNE 26-Aug 4
Note: Course delivery is Hybrid (Online and F2F)

ADV SPECIAL TOPICS HG ED 690 1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION

RESEARCH HG ED 699 VAR. CREDITS
Prereq: 9 CREDITS IN EDUCATION

HISTORY

HISTORY OF IOWA HIST 370 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Course restricted to sophomores and above
4222700 1 ARRANGED
MEETS: MAY 15-JUNE 9
Note: Course delivery is WWW

LATINA/O HISTORY HIST 372 3 CREDITS
Note: Meets U.S. diversity reqmt
8007005 1 ARRANGED
MEETS: JUNE 12-JULY 7
Note: Course delivery is WWW

WORLD MILITARY HIST HIST 390 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets international perspectives reqmt
4190005 1 ARRANGED
MEETS: JUNE 12-JULY 7
Note: Course delivery is WWW

REBELLIN&RV LTN AMER HIST 442 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Course restricted to sophomores & above
Meets international perspectives reqmt
1206005 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

INDEPENDENT STUDY HIST 490 1- 3 CREDITS
Prereq: 9 CREDITS IN HISTORY; PERMISSION OF DEPARTMENT CHAIR
Note: Course not open to freshmen. No more than 6 CREDITS OF HIST 490 MAY BE APPLIED TOWARD GRADUATION. NO CREDITS OF HIST 490 MAY BE APPLIED TOWARD THE HORTICULTURAL SCIENCES COURSE REQUIREMENTS. Instructor permission required 1st week.

CREATIVE COMPONENT HIST 599 1- 6 CREDITS
Prereq: Instructor permission required 1st week.

Special Topics HIST 590 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.

HONORS

INDEP STUDY HONORS HON 490 VAR. CREDITS
Prereq: Membership in the University Honors Program, PERMISSION OF FACULTY DIRECTOR OF UNIV HONORS PROGRAM
Note: Department permission required.

HORTICULTURE

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.

COOPERATIVE EDUCATN HORT 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT RESOURCES AND CAREER CENTER COORDINATOR
Satisfactory-Fail Only.
3652005 1 ARRANGED
MEETS: MAY 15-AUG 4

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 12 CREDITS REQUIRED FOR GRADUATION

IND STDY TURFGRASS HORT 490C VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: No more than 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 12 CREDITS REQUIRED FOR GRADUATION

IND STU CROSS-COMMO HORT 490F VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: No more than 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 12 CREDITS REQUIRED FOR GRADUATION

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 12 CREDITS REQUIRED FOR GRADUATION

IND STU LANDSCP HORT 490G VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: No more than 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 12 CREDITS REQUIRED FOR GRADUATION

IND STU 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 12 CREDITS REQUIRED FOR GRADUATION

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 12 CREDITS REQUIRED FOR GRADUATION

IND STU ENTREPRENR HORT 490K 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 12 CREDITS REQUIRED FOR GRADUATION

IND STU ENTREPRENR HORT 490L 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 12 CREDITS REQUIRED FOR GRADUATION

IND STU ENTREPRENR HORT 490M 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 12 CREDITS REQUIRED FOR GRADUATION

IND STU ENTREPRENR HORT 490N 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 12 CREDITS REQUIRED FOR GRADUATION

IND STU ENTREPRENR HORT 490O 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 12 CREDITS REQUIRED FOR GRADUATION

SEED SCI INTERNSHIP HORT 491 1- 2 CREDITS
Prereq: AGRON 338, ADVANCED APPROVAL AND PARTICIPATION OF EMPLOYER AND INSTRUCTOR
Note: Instructor permission required.
9370005 1 ARRANGED
MEETS: MAY 15-AUG 4

SERVC LEARN DOMSTC HORT 494B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: A Maximum of 4 CREDITS OF 494 MAY BE APPLIED TOWARD THE HORTICULTURE CREDITS REQUIRED FOR GRADUATION
3163005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: SEC 1 VIRGIN ISLANDS
Course delivery is On-site instruction
HOSPITALITY MANAGEMENT

INTRO HOSPITL INDUS HSP M 101 3 CREDITS
7306005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

GLOBAL TOURISM MGT HSP M 260 3 CREDITS
6738005 1 ARRANGED
MEETS: MAY 15-JUNE 9
Note: Course delivery is WWW

SUPV PROFESS INTERN HSP M 470 3 CREDITS
6690005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is WWW

IND ST HOSPITL MGT HSP M 490B 3 CREDITS
5980005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

IND ST LODGING OPER HSP M 490D 3 CREDITS
5980005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

IND STU FOODSRVC OP HSP M 490E 3 CREDITS
5980005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

INDEP STUDY HONS HSP M 490H 3 CREDITS
5980005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

HUMAN COMPUTER INTERACTION

MODEL&THEORIES HCI HCI 587 3 CREDITS
3429700 1 TR 11:00-12:50
ARRANGED
MEETS: JUNE 12-12:50
Note: Course delivery is On-site instruction

DESIGN AND ETHICS HCI 589 3 CREDITS
4956005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

SPECIAL TOPICS HCI 590 VAR. CREDITS
1182000 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

HCl INTERNSHIP HCI 699 3 CREDITS
1182000 1 ARRANGED
MEETS: JUNE 12-12:50
Note: Course delivery is On-site instruction
HUMAN DEVELOPMENT & FAMILY STUDIES

INDV&FAM DEVEL&LTH HD FS 102  3 CREDITS
3491700 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is WWW

PSNL FIN ERLY ADLT HD FS 183  1 CREDIT
7594700 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is WWW

CHILD DEVELOP&HEALTH HD FS 223  3 CREDITS
1239003 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

LIT FOR CHILDREN HD FS 240  3 CREDITS
2194700 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is WWW

HUMAN SEXUALITY HD FS 276  3 CREDITS
3496700 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

PRSNL&FAMILY FINANC HD FS 283  3 CREDITS
3499700 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is WWW

MEETS: MAY 15-AUG 4
Note: SEC 1 RESTRICTED TO HONORS STUDENTS
Course delivery is WWW

FLD EXP HD FS 317B  1-6 CREDITS
Prereq: 6 CREDITS IN HD FS
Satisfactory-Fail Only.
********* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMILY FINANC HD FS 317G 1-6 CREDITS
********* SEE DEPT FOR REFERENCE NUMBERS

ABUSE&ILL IN FAMILI HD FS 367  3 CREDITS
9193005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

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

INDEP STUDY HUMANS HD FS 490H VAR. CREDITS
Prereq: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
********* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491  4-9 CREDITS
Prereq: HD FS 418B; PERMISSION OF INSTRUCTOR;
Satisfactory-Fail Only.
********* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HD FS 499  1-6 CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM
STUDENT PROPOSED TO WORK, CONSULT DEPARTMENT OFFICE
FOR PROGRESS
********* SEE DEPT FOR REFERENCE NUMBERS

PRSPCTVES GERONTOL HD FS 530  3 CREDITS
8320700 1 ARRANGED
MEETS: MAY 16-JULY 7
Note: Course delivery is WWW
Course delivery is WWW
Tuition Category: GPIDEA Consortium

HOUSING&FINANC PLAN HD FS 541  3 CREDITS
3624005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

SP TOP HUMAN,FAMILY HD FS 590I VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
********* SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV,FAMILY HD FS 591I VAR. CREDITS
Prereq: 16 GRAD CREDITS
********* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HD FS 599 VAR. CREDITS
FREQUENTLY REQUESTED
********* SEE DEPT FOR REFERENCE NUMBERS

MIXED METHODS HD FS 607  3 CREDITS
Prereq: HD FS 593, HD FS 504, HD FS 505,
OR PERMISSION OF INSTRUCTOR
4018005 1 N 1:10-4:00, ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is Hybrid (Online and F2F)

ADV TOP HUMAN,FAMILY HD FS 691I VAR. CREDITS
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
********* SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSHP HD FS 691A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
********* SEE DEPT FOR REFERENCE NUMBERS

PRO EXPR INTERNSHP HD FS 691D VAR. CREDITS
Satisfactory-Fail Only
********* SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV & FAM STU HD FS 699I VAR. CREDITS
Satisfactory-Fail Only
********* SEE DEPT FOR REFERENCE NUMBERS

HUMAN SCIENCES

COOPERATIVE EDUC H SCI 398 R CREDIT
Prereq: PERMISSION OF CHS CAREER SERVICES
0303005 1 ARRANGED
MEETS: MAY 15-AUG 4

IND STDY ENTREPRNSH H SCI 490E R CREDIT
5101005 1 ARRANGED
MEETS: MAY 15-AUG 4

IMMUNOBIOLOGY

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

INDUSTRIAL DESIGN

INDUS DSN INTERNSHP IND D 397  6 CREDITS
Prereq: IND D 262, 18 CR IN INDUSTRIAL DESIGN,
PERMISSION OF INSTRUCTOR
6164005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TP:EXPRMTL TCNQ IND D 490B VAR. CREDITS
2679027 DN ARRANGED
NEUBAUER D
MEETS: MAY 15-AUG 4

SPL TOPCS:3-D DSIGN IND D 490C VAR. CREDITS
2679005 1 ARRANGED
MEETS: MAY 15-AUG 4

DESIGN THINKING IND D 530  3 CREDITS
Prereq: SENIOR OR GRADUATE STANDING IN ANY ISU
PROGRAM
3113005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
INDUSTRIAL DESIGN (CONTINUED)

SPECIAL TOPICS     IND D 590  3 CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR PERMISSION OF INSTRUCTOR

SPECIAL PROJECTS     IND D 592  VAR. CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR PERMISSION OF INSTRUCTOR
4181005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: SEC 1 OFFERED FOR 6 CREDITS
4181010 2 ARRANGED
MEETS: JUNE 12-AUG 4
Note: SEC 2 OFFERED FOR 3 CREDITS

INTERNSHIP     IND D 597  6 CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR PERMISSION OF INSTRUCTOR
9463005 1 ARRANGED
MEETS: MAY 15-AUG 4

MIND GRADUAT THESIS     IND D 699  6 CREDITS
Prereq: IND D 332

INDUSTRIAL ENGINEERING

ENGR ECONOMIC ANALY     I E 305  3 CREDITS
Prereq: MATH 166
4425700 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW
4425800 SP ARRANGED
MEETS: MAY 30-JULY 10
Note: SEC TAUGHT IN VALENCIA, SPAIN.
ISU ON THE MEDITERRANEAN - SUMMER IN VALENCIA.
SUMMER 2023 STUDY ABROAD, TRAVEL JUNE 5-JULY 7
Study Abroad Administrative Fee Applies

INTRO SYS ENG/ANALY     I E 452  3 CREDITS
Prereq: JUNIOR CLASSIFICATION IN AN ENGINEERING MAJOR
0176700 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

INDEPENDENT STUDY     I E 490  1-5 CREDITS
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR

SPECIAL TOPICS     I E 590  1-3 CREDITS
Satisfactory-Fail Only.

INTEGRATED STUDIO ARTS

INDEPENDENT STUDY DRAWING     ARTIS 490D  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.

INDEPENDENT STUDY TEXTILES     ARTIS 490E  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.

INDEPENDENT STUDY METALS     ARTIS 490G  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.

INDEPENDENT STUDY PAINTING     ARTIS 490I  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.

INDEPENDENT STUDY DRAWING     ARTIS 490D  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.

INDEPENDENT STUDY TEXTILES     ARTIS 490E  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.

INDEPENDENT STUDY METALS     ARTIS 490G  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.

INDEPENDENT STUDY PAINTING     ARTIS 490I  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.
INTEGRATED STUDIO ARTS (CONTINUED)

SPL TOP PRINTMAKING ARTIS 590K VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, ON EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR REQUIRED. FILING DUE 1ST WEEK.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIXED MEDIA ARTIS 590M VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, ON EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR REQUIRED. FILING DUE 1ST WEEK.
******* SEE DEPT FOR REFERENCE NUMBERS

STUDIO INTERNSHIP ARTIS 697 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH: THESIS ARTIS 699A VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH: THESIS EXHIB ARTIS 699B VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS
4480005 1 ARRANGED
MEETS: MAY 15-AUG 4

THESIS RESEARCH IGS 699 VAR. CREDITS
4481005 1 ARRANGED
MEETS: MAY 15-AUG 4

INTERIOR DESIGN

INT DSGN INTERNSHIP ARTID 460 3 CREDITS
Prereq: ARTID 350, ARTID 360, ARTID 365
1846005 1 ARRANGED
MEETS: MAY 15-AUG 4

INDEPENDENT STUDY ARTID 490 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
******* SEE DEPT FOR REFERENCE NUMBERS

ID TEACHING PRACTICM ARTID 554 3 CREDITS
Prereq: ARTID 688 AND PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS ARTID 590 VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN INTERIOR DSGN OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM. OF ENROLLMT.
******* SEE DEPT FOR REFERENCE NUMBERS

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

ADVANCED TOPICS ARTID 690 VAR. CREDITS
Prereq: MFA CLASSIFICATION, PERMISSION OF INSTR
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTID 699A VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS EXHIB ARTID 699B VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNATIONAL STUDIES

INTRO INT'L STUDIES INTST 235 3 CREDITS
Note: Meets international perspectives regmt
9582700 1 ARRANGED
MEETS: MAY 15-JUNE 9
Note: Course delivery is WWW

9582705 2 ARRANGED
MEETS: JUNE 12-JULY 7
Note: Course delivery is WWW

9582710 3 ARRANGED
MEETS: JULY 10-AUG 4
Note: Course delivery is WWW

STUDY ABROAD HUMANIT INTST 395B 1-4 CREDITS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2023
INSTRUCTOR PERMISSION REQUIRED.
7820805 FR ARRANGED TAOULET J
MEETS: JULY 1-21
Note: SEC FR TAUGHT IN FRANCE.
CATHEDRALS OF FRANCE 2023: HISTORY, ART, & SPIRITUALITY MEDIEVAL FRANCE.
STUDY ABROAD SUMMER 2023. OFFERED FOR 3 CREDITS. Study abroad administrative fee applies.

7820800 IT ARRANGED LANGENBERG C
MEETS: MAY 17-JUNE 30

JOURNALISM & MASS COMMUNICATION

INDEPENDENT STUDY CMUCNAT JL MC 490 VAR. CREDITS
Prereq: JUNIOR CLASSIFICATION AND CONTRACT WITH SUPERVISING PROFESSOR TO REGISTER.
Note: NO MORE THAN 3 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP:PLN SO MDIA JL MC 497L 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
0482005 1 ARRANGED
MEETS: MAY 15-JUNE 23
Note: Course delivery is WMW

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

PRO MDIA INTERN:OPT JL MC 499B 1-3 CREDITS
Prereq: JL MC 110, FORMAL FACULTY ADVISOR APPROVAL.
JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 303
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

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP PRO SPECIAL JL MC 590B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR.
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP RSRCH THED JL MC 590C VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR.
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP TECHNQ&STYLE JL MC 590D VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR.
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP SPLZ COMMUNC JL MC 590E VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR.
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP MGR COMM JL MC 590F VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR.
******* SEE DEPT FOR REFERENCE NUMBERS

THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION.

Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM

ADVERT MAJORS: C+ OR BETTER IN ADVERT 301
P R MAJORS: P R 301, C+ OR BETTER IN P R 321

JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 303

INDEPENDENT STUDY KIN 290 1 CREDIT
Prereq: SOPHOMORE OR 2ND SEMESTER FRESHMAN, PERMISSION OF INSTRUCTOR.
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

BIOMECHANICS KIN 355 3 CREDITS
Prereq: PHYS 111 OR PHYS 115
5752005 1 MTWR 9:50-11:05
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction

EXERCISE PHYSIOLOGY KIN 358 3 CREDITS
Prereq: BIOL 255, BIOL 255L, BIOL 256 AND
BIOL 256L
5766005 1 MTWR 9:50-11:05
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction

EXERCISE PHYSiol LAB KIN 359 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN KIN 358
0139005 1 TR 11:15-1:25
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction
Materials and equipment use fee $50.00

KINESIOLOGY

INDEPENDENT STUDY KIN 290 1 CREDIT
Prereq: SOPHOMORE OR 2ND SEMESTER FRESHMAN, PERMISSION OF INSTRUCTOR.
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
KINESIOLOGY

(continued)

MOTOR CNTRL LIFESP KIN 372 3 CREDITS
Prereq: PSYCH 101 OR PSYCH 230, BIOL 255,256
9623005 1 MTWR 12:10-2:05 MEETS: MAY 15-JUNE 23
Note: Course delivery is On-site instruction

INTRN EXERCISE SCI KIN 485A 8-12 CREDITS
Prereq: ALL REQUIRED COURSES OR BETTER IN KIN 355, KIN 358, KIN 359, KIN 366, KIN 372, KIN 458, KIN 459, KIN 462 AND A 3 350, KINESIOLOGY AND HEALTH MAJORS ONLY. CUMULATIVE GPA 2.0.
Satisfactory-Fail Only. 
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY EXER&SPRT KIN 490A 1-3 CREDITS
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS KIN 490H 1-2 CREDITS
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS P E KIN 590A 1-3 CREDITS
Note: Instructor permission required 1st week.

SPL TP HEALTH PROMO KIN 590B 1-3 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 590D 1-3 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR BEHAV KIN 590G 1-3 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANICS KIN 590H 1-3 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH ETHCS KIN 590I 1-3 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E KIN 591A 1-6 CREDITS
Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SUPV FLD EXP EX PHYS KIN 591D 1-6 CREDITS
Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

PRACTCM COLLEG TCHG KIN 592 1-3 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT KIN 599 1-3 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH KIN 699 1-5 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

(continued)

LAND ARCH INTERNSHIP L A 444A R CREDIT
Prereq: L A 341 OR PERMISSION OF ADVISOR AND CHAIR
3036005 1 ARRANGED MEETS: MAY 15-AUG 4

L ARCH STUDY ABROAD L A 444B R CREDIT
Prereq: L A 341 OR PERMISSION OF ADVISOR AND CHAIR
6212005 1 ARRANGED MEETS: MAY 15-AUG 4

IND STUDY LAND DISGN L A 490A 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY PLNTNG DSN L A 490B 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CONSTRUCT L A 490C 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY HISTORY L A 490D 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND 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 STUDY HISTORY 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 STUDY HISTORY 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 STUDY HISTORY 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

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

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 TOP PLNTING 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
LEADERSHIP STUDIES (CONTINUED)

INDEPENDENT STUDY

LATIN 490 1-6 CREDITS
Prereq: 9 CR IN LATIN; PERMISSION OF DEPT CHAIR
Note: No More Than 9 CREDITS IN LATIN 490 MAY BE APPLIED TOWARD GRADUATION
Permission of department chair required.

LEADERSHIP STUDIES

INDEPENDENT STUDY

LD ST 290 1-3 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR

LEADERSHIP THEORIES

LD ST 301 3 CREDITS
Prereq: 1 ARRAYED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WWW

LIBERAL ARTS & SCIENCES

INTERNSHIP/CO-OP

LAS 298 R CREDIT
Prereq: PERMISSION OF LAS CAREER SERVICES;
LAS MAJORS; JUNIOR OR SENIOR CLASSIFICATION
Note: Instructor permission required.
Satisfactory-Fail Only.
4541015 1 ARRAYED
MEETS: MAY 15-AUG 4
4541010 2 ARRAYED
MEETS: MAY 15-AUG 4

IND STY ENTREPRNHS LAS 490E 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.
Note: College permission required.

LIBRARY

INTR COLL LVL RSrch LIB 160 1 CREDIT
Prereq: COMPLETION OF ENGL 101 REQUIRED FOR STUDENTS PLACED IN ENGL 101
Satisfactory-Fail Only.
4862005 1 MW 11:00-12:00 ARRAYED
MEETS: MAY 15-JUNE 9
Note: Course delivery is WWW

LINGUISTICS

INTRO LINGUISTICS LING 219 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity reqmt
8593800 5 ARRAYED SONSAT A
MEETS: MAY 30-JULY 10
Note: SEC SP TAUGHT IN VALENCIA, SPAIN. ISU ON THE MEDITERRANEAN- SUMMER IN VALENCIA. SUMMER 2023 STUDY ABROAD. TRAVEL JUNE 5-JULY 7 Study Abroad Administrative Fee Applies

THEORY OF COMPUTING LING 331 3 CREDITS
Prereq: COM S 228, COM S 229, COM S 330 OR CPR E 310; MATH 166, ENGL 250
Note: COURSE RESTRICTED TO COM MAJORS ONLY
8601700 1 MTWF 11:00-12:00
MEETS: MAY 15-JUNE 9
Note: Course delivery is WWW

LANG & RGG DEVEL CHLD LING 471 3 CREDITS
Prereq: COM S 275 OR LING 275 OR PSYCH 230 OR
ENGL 219
8606700 1 ARRAYED
MEETS: MAY 15-JUNE 9
Note: Course delivery is WWW

Syllabus: http://faculty.sites.iastate.edu/girl/page/471summer
**Linguistics (continued)**

**Ind Stud Linguistics**

- **Ling 490B VAR. CREDITS**
  - Prereq: 9 cr in ENGL beyond ENGL 250 APPROPRIATE TO THE TOPIC, JK CLASSIFICATION, PERMISSION OF THE UNDERGRADUATE STUDIES COMMITTEE
  - Note: Department permission required.

**Ind Stud Ling Anthr**

- **Ling 490D 1-5 CREDITS**
  - Prereq: 9 CREDITS IN ANTHROPOLOGY
  - Note: Instructor permission required 1st week.

**Langu Assess Practm**

- **Ling 513 3 CREDITS**
  - Prereq: ENGL 519

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**SPL Top Tesl/Lingui**

- **Ling 590B VAR. CREDITS**
  - Prereq: PERMISSION OF THE GRADUATE STUDIES COMMITTEE ACCORDING TO GUIDELINES AVAILABLE IN THE DEPARTMENT OFFICE
  - Note: See DEPT for reference numbers.

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**Management**

**Entrepreneurship**

- **Mgmt 310 3 CREDITS**
  - Prereq: SOPHOMORE CLASSIFICATION
  - Note: Course restricted to undergrad students soph & above.

**Responsbl Mgt Bsnss**

- **Mgmt 372 3 CREDITS**
  - Prereq: PHIL 230
  - Note: Course restricted to undergrad student soph & above.

**Langu Assess Practm**

- **Mgmt 513 3 CREDITS**
  - Prereq: ENGL 519

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**Management Information Systems**

**Mgmt Info Systems**

- **MIS 301 3 CREDITS**
  - Prereq: Comp S 113
  - Note: Course restricted to undergrad students soph & above.

**Research Practicum I**

- **MIS 650 1 CREDIT**
  - Prereq: Enroll in PH D program
  - Note: See DEPT for reference numbers.

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**Marketing**

**Prin of Marketing**

- **Mkt 340 3 CREDITS**
  - Prereq: Credit or enrollment in Econ 101
  - Note: Course restricted to undergrad students soph & above.

**Research Practicum II**

- **Mkt 651 1 CREDIT**
  - Prereq: Enroll in PH D program
  - Note: See DEPT for reference numbers.

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**Organization Behavior**

- **Mgmt 371 3 CREDITS**
  - Prereq: Sophomore classification
  - Note: Course restricted to undergrad students soph & above.

**Strategic Management**

- **Mgmt 478 3 CREDITS**
  - Prereq: acct 285; Fin 301; Mgmt 370 or Mgmt 371; Mkt 340; Scm 101; Mis 301; Entsp 310 and senior classification
  - Note: Course restricted to seniors in the college of business.

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**Research Practicum I**

- **Mkt 650 1 CREDIT**
  - Prereq: Enrollment in PH D program
  - Note: See DEPT for reference numbers.

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**Research Practicum II**

- **Mkt 651 1 CREDIT**
  - Prereq: Enrollment in PH D program
  - Note: See DEPT for reference numbers.

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**Research**

- **Mkt 699 3-6 CREDITS**
  - Prereq: Graduate classification or Instructor permission
  - Note: See DEPT for reference numbers.

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**Supervisory Committee**

- **Mkt 490 1-3 CREDITS**
  - Prereq: Senior classification, Instructor permission
  - Note: Course not open to graduate students.

**Independent Study**

- **Mkt 490 1-3 CREDITS**
  - Prereq: Senior classification, Instructor permission
  - Note: Course not open to graduate students.

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**Special Topics**

- **Mkt 590 1-3 CREDITS**
  - Prereq: Permission of instructor
  - Note: See DEPT for reference numbers.

**Research Practicum I**

- **Mkt 650 1 CREDIT**
  - Prereq: Enrollment in PH D program
  - Note: See DEPT for reference numbers.

**Research Practicum II**

- **Mkt 651 1 CREDIT**
  - Prereq: Enrollment in PH D program
  - Note: See DEPT for reference numbers.

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**Research Practicum I**

- **Mkt 650 1 CREDIT**
  - Prereq: Enrollment in PH D program
  - Note: See DEPT for reference numbers.

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**Research Practicum II**

- **Mkt 651 1 CREDIT**
  - Prereq: Enrollment in PH D program
  - Note: See DEPT for reference numbers.

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**Research**

- **Mkt 699 3-6 CREDITS**
  - Prereq: Graduate classification, permission of major professor
  - Note: See DEPT for reference numbers.

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**Research Practicum I**

- **Mkt 650 1 CREDIT**
  - Prereq: Enrollment in PH D program
  - Note: See DEPT for reference numbers.

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**Research Practicum II**

- **Mkt 651 1 CREDIT**
  - Prereq: Enrollment in PH D program
  - Note: See DEPT for reference numbers.

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**Research**

- **Mkt 699 3-6 CREDITS**
  - Prereq: Graduate classification, permission of major professor
  - Note: See DEPT for reference numbers.

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**Research Practicum I**

- **Mkt 650 1 CREDIT**
  - Prereq: Enrollment in PH D program
  - Note: See DEPT for reference numbers.

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**Research Practicum II**

- **Mkt 651 1 CREDIT**
  - Prereq: Enrollment in PH D program
  - Note: See DEPT for reference numbers.

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**Research**

- **Mkt 699 3-6 CREDITS**
  - Prereq: Graduate classification, permission of major professor
  - Note: See DEPT for reference numbers.
### MATHEMATICS (continued)

**BUS & SOC SCI CALC**  
**MATH 151**  
3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY; OR MATH 140  
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, MATH 160, MATH 165-166, MATH 181-182. CREDITS EARNED IN MATH 151 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. 6 CREDITS OF MATH 151, 181, 182 (OR 186) MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN.

5136005 1 ARRANGED  
MEETS: MAY 15-JULY 7

Note: Course delivery is WWW

**SURVEY OF CALCULUS**  
**MATH 160**  
4 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY; OR C- OR BETTER IN MATH 143  
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, MATH 160, MATH 165-166, MATH 181-182

5138003 1 MTWRF 8:40-10:00  
MEETS: JUNE 12-AUG 4

Note: Course delivery is On-site instruction

**CALCULUS I**  
**MATH 165**  
4 CREDITS  
Prereq: GRADE OF C- OR BETTER IN MATH 163 OR HIGH SCHOOL PLACEMENT SCORE

Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, MATH 160, MATH 165-166, MATH 181-182. 6 CREDITS OF MATH 151, MATH 160, MATH 165-166, MATH 181-182 MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN.

5139005 1 MTWRF 11:00-12:20  
MEETS: MAY 15-JULY 7

Note: Course delivery is On-site instruction

**MATERIALS SCIENCE & ENGINEERING**

**SPECIAL TOPICS**  
**M S E 590**  
VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: SEE DEPT FOR REFERENCE NUMBERS

**CREATIVE COMPONENT**  
**M S E 599**  
VAR. CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY; OR C- OR BETTER IN MATH 143

Note: SEE DEPT FOR REFERENCE NUMBERS

**ADV TOPICS MATRIL SC**  
**M S E 690**  
VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: SEE DEPT FOR REFERENCE NUMBERS

**ENGINEERING INTERNSHIP**  
**M S E 697**  
1 CREDIT  
Prereq: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN Satisfactory-Fail Only.

4307005 1 ARRANGED  
MEETS: MAY 15-AUG 4

**RESEARCH**  
**M S E 699**  
VAR. CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY; OR C- OR BETTER IN MATH 143

Note: SEE DEPT FOR REFERENCE NUMBERS

**MATHEMATICS (continued)**

**INTRO TO PROBABILITY**  
**MATH 104**  
3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY  
Note: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 104 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5128700 1 ARRANGED  
MEETS: JUNE 12-AUG 4

Note: Course delivery is WWW

**COLLEGE ALGEBRA**  
**MATH 140**  
3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY  
Note: Course delivery is WWW

5132005 1 ARRANGED  
MEETS: MAY 15-JULY 7

Note: Course delivery is WWW

**PREP FOR CALCULUS**  
**MATH 143**  
4 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY OR MINIMUM OF C- IN MATH 140  
Note: CREDIT FOR EITHER MATH 143 OR MATH 145, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

7342005 1 MTWRF 8:40-10:00  
MEETS: JUNE 12-AUG 4

Note: Course delivery is WWW

**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: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 150 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5135005 1 ARRANGED  
MEETS: MAY 15-JULY 7

Note: Course delivery is WWW
MEETS: JUNE 12-AUG 4
5231005 1 ARRANGED MEETS: MAY 15-JULY 7
Note: Course delivery is On-site instruction

LAPLACE TRANSFORMS MATH 268 1 CREDIT
Prereq: MATH 266
Note: 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 toward graduation: MATH 266, MATH 267, MATH 269X, MATH 269,
Instructor permission required.

****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY MATH 290 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.

5156005 1 ARRANGED MEETS: MAY 15-AUG 4

INDEP STUDY HONORS MATH 290H 1-3 CREDITS
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM, PERMISSION OF INSTRUCTOR
Note: Department permission required.

5157005 1 ARRANGED MEETS: MAY 15-AUG 4

COOPERATIVE EDUC MATH 398 R CREDIT
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION

4551005 1 ARRANGED MEETS: MAY 15-JULY 7

ANALYSIS I MATH 414 3 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 201 OR COM E 230 OR CSE E 310

5171005 1 ARRANGED MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

INDEPENDENT STUDY MATH 490 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: No more than 9 credits of Math 490 or Math 490H may be applied toward graduation.

****** SEE DEPT FOR REFERENCE NUMBERS

INDEP 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 toward graduation. Restricted to members of the University Honors Program only.
Department permission required.

5183005 1 ARRANGED MEETS: MAY 15-AUG 4

UNDERGRAD THESIS MATH 491 2-3 CREDITS
Prereq: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2023
Department permission required.

5184005 1 ARRANGED MEETS: MAY 15-JULY 7

INDEPENDENT STUDY MATH 590 VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS MATH 595 VAR. CREDITS

3815005 1 ARRANGED MEETS: JUNE 12-AUG 4

CREATIVE COMPONENT MATH 599 VAR. CREDITS
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR MATH 610 VAR. CREDITS
Prereq: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2023

5231005 1 ARRANGED MEETS: JUNE 12-AUG 4
Note: Course delivery is On-site instruction
MECHANICAL ENGINEERING (continued)

INDEPENDENT STUDY HONORS M E 490H 1-6 CREDITS
Note: Course restricted to honors program students only
in order for an independent study proposal to be considered for the current semester, it must be
complete & submitted no later than the end of the
week of the semester
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY NON TECH E M E 490N 1-6 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY TECH ELECT M E 490T 1-6 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LIT INVESTIG M E 590Q 1-8 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOANAN SCI M E 590T 1-8 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CMPLX FLUID SY M E 590U 1-8 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CLEAN ENERGY M E 590V 1-8 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP DS & MFG INNOV M E 590W 1-8 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SIMUL & VISUAL M E 590X 1-8 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

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

ADV TOP ENGR COMPUT M E 690Q VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LIT INVESTIG M E 690Q VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP BIOL & NANOSC M E 690T VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CMPLX FLUID SY M E 690U VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CL ENGR TC M E 690V VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP DS & MFG INNOV M E 690W VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SIMUL & VISUAL M E 690X VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING INTERNSHIP M E 697 R CREDIT
Prereq: PERMISSION OF DIRECTOR OF GRADUATE
EDUCATION, GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH M E 699 VAR. CREDITS
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY (continued)

INTRO WEATHER & CLIM M TEOR 206 3 CREDITS
5375700 1 ARRANGED MAUDLIN L
Note: Course delivery is WWW

COOPERATIVE EDUCAT M TEOR 298 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATION; SOPHOMORE CLASSIFICATION
4813005 1 ARRANGED
MEETS: MAY 15-AUG 4

METEOROLOGY INTERNSHIP M TEOR 321 1-2 CREDITS
Prereq: M TEOR 311; JB OR SB STANDING; PERMISSION
OF COOP PROGRAM COORD; ACCEPTANCE BY SPONSORING AGENCY
Satisfactory-Fail Only.
5381005 1 ARRANGED
MEETS: MAY 15-AUG 4

COOPERATIVE EDUCAT M TEOR 398 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE; TO BE
EDUCATION COORDINATION; JUNIOR CLASSIFICATION
4823005 1 ARRANGED
MEETS: MAY 15-AUG 4

INDEPENDENT STUDY SYNOPTIC M TEOR 490A 1-3 CREDITS
Prereq: 6 CREDITS IN M TEOR, INSTRUCTOR PERMISSION
Note: No more than 9 credits in M TEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8424005 1 ARRANGED
MEETS: MAY 15-AUG 4

INDEPENDENT STUDY DYNAMIC M TEOR 490B 1-3 CREDITS
Prereq: 6 CREDITS IN M TEOR, INSTRUCTOR PERMISSION
Note: No more than 9 credits in M TEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8425005 1 ARRANGED
MEETS: MAY 15-AUG 4

INDEPENDENT STUDY PHYSICAL M TEOR 490C 1-3 CREDITS
Prereq: 6 CREDITS IN M TEOR, INSTRUCTOR PERMISSION
Note: No more than 9 credits in M TEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8426005 1 ARRANGED
MEETS: MAY 15-AUG 4

INDEPENDENT STUDY HONORS M TEOR 490D 1-3 CREDITS
Prereq: 6 CREDITS IN M TEOR, INSTRUCTOR PERMISSION
Note: No more than 9 credits in M TEOR 490 MAY BE
APPLIED TOWARD GRADUATION
1010005 1 ARRANGED
MEETS: MAY 15-AUG 4

INDEPENDENT STUDY HONORS M TEOR 490E 1-3 CREDITS
Prereq: 6 CREDITS IN M TEOR, INSTRUCTOR PERMISSION
Note: No more than 9 credits in M TEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8668005 1 ARRANGED
MEETS: MAY 15-AUG 4

INDEPENDENT STUDY HONORS M TEOR 490F 1-3 CREDITS
Prereq: 6 CREDITS IN M TEOR, INSTRUCTOR PERMISSION
Note: No more than 9 credits in M TEOR 490 MAY BE
APPLIED TOWARD GRADUATION
3583005 1 ARRANGED
MEETS: MAY 15-AUG 4

COOPERATIVE EDUCATION M TEOR 498 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATION; SENIOR CLASSIFICATION
4824005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOP BOUND-LAYER M TEOR 590A 1-3 CREDITS
8427005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOPICS TROPICAL M TEOR 590B 1-3 CREDITS
8429005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOPICS MesoScale M TEOR 590C 1-3 CREDITS
8430005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOPICS GLOBAL SYST M TEOR 590D 1-3 CREDITS
8431005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOPICS CLIM MODEL M TEOR 590E 1-3 CREDITS
8432005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOPICS NUMERICAL M TEOR 590F 1-3 CREDITS
8433005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOPICS SATellite OBSERV M TEOR 590G 1-3 CREDITS
8434005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOPICS STATISTICAL M TEOR 590H 1-3 CREDITS
8435005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOPICS FIELD OBSERV M TEOR 590I 1-3 CREDITS
8436005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOPICS LOW PRESSURE M TEOR 590J 1-3 CREDITS
8437005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOPICS CLIMATE PHYSICS M TEOR 590K 1-3 CREDITS
8438005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOPICS CLOUD PHYSICS M TEOR 590L 1-3 CREDITS
8439005 1 ARRANGED
MEETS: MAY 15-AUG 4
Molecular Cellular Dev Biology

Grad Resrch Rotatn MCDB 697 1-6 Credits
Satisfactory-Fail Only.
7278005 1 Arranged
Meet: May 15-July 7

Research MCDB 699 Var. Credits
******** See Dept for Reference Numbers

Music

Intro Music Listeni MUSIC 102 3 Credits
Note: Meets international perspectives reqmt
5406700 1 Arranged
Meet: May 15-Aug 4
Note: Course delivery is WWW

Applied Music Voice MUSIC 118A 1-2 Credits
Prereq: Audition, permission of Instructor
Note: Credit in Music 118A will not satisfy Applied Music Requirements for Music Majors
Applied Music Fee $150.00-$190.00
******** See Dept for Reference Numbers

Applied Music Piano MUSIC 118B 1-2 Credits
Prereq: Audition, permission of Instructor
Note: Credit in Music 118B will not satisfy Applied Music Requirements for Music Majors
Applied Music Fee $150.00-$190.00
******** See Dept for Reference Numbers

Applied Music Strings MUSIC 118D 1-2 Credits
Prereq: Audition, permission of Instructor
Note: Applied Music Fee $150.00-$190.00
******** See Dept for Reference Numbers

Applied Music Voice MUSIC 119A 1-3 Credits
Prereq: Audition, Instr Perm, Music Majors Only
Note: Course only offered for 1-2 Credits Summer 2023
Applied Music Fee $150.00-$190.00
******** See Dept for Reference Numbers

Applied Music Piano MUSIC 119B 1-3 Credits
Prereq: Audition, Instr Perm, Music Majors Only
Note: Course only offered for 1-2 Credits Summer 2023
Applied Music Fee $150.00-$190.00
******** See Dept for Reference Numbers

Applied Music Strings MUSIC 119D 1-3 Credits
Prereq: Audition, Instr Perm, Music Majors Only
Note: Course only offered for 1-2 Credits Summer 2023
Applied Music Fee $150.00-$190.00
******** See Dept for Reference Numbers

Applied Music Voice MUSIC 119A 1-3 Credits
Prereq: Audition, Instr Perm, Music Majors Only
Note: Course only offered for 1-2 Credits Summer 2023
Applied Music Fee $150.00-$190.00
******** See Dept for Reference Numbers

Applied Music Piano MUSIC 119B 1-3 Credits
Prereq: Audition, Instr Perm, Music Majors Only
Note: Course only offered for 1-2 Credits Summer 2023
Applied Music Fee $150.00-$190.00
******** See Dept for Reference Numbers

Applied Music Strings MUSIC 119D 1-3 Credits
Prereq: Audition, Instr Perm, Music Majors Only
Note: Course only offered for 1-2 Credits Summer 2023
Applied Music Fee $150.00-$190.00
******** See Dept for Reference Numbers

Applied Music Voice MUSIC 219A 1-3 Credits
Prereq: Audition, Instr Perm, Music Majors Only
Note: Course only offered for 1-2 Credits Summer 2023
Applied Music Fee $150.00-$190.00
******** See Dept for Reference Numbers

Applied Music Piano MUSIC 219B 1-3 Credits
Prereq: Audition, Instr Perm, Music Majors Only
Note: Course only offered for 1-2 Credits Summer 2023
Applied Music Fee $150.00-$190.00
******** See Dept for Reference Numbers

Applied Music Strings MUSIC 219D 1-3 Credits
Prereq: Audition, Instr Perm, Music Majors Only
Note: Applied Music Fee $150.00-$190.00
******** See Dept for Reference Numbers
APPL MUSIC CARILLON MUSIC 219E 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPL MUSIC WOODWIND MUSIC 219F 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC BRASS MUSIC 219G 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC STRINGS MUSIC 319D 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC PIANO MUSIC 319B 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC VOICE MUSIC 319A 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC PIANO MUSIC 319B 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC STRINGS MUSIC 319D 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC CARILLON MUSIC 319E 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC WOODWIND MUSIC 319F 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC BRASS MUSIC 319G 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
ADV ENSEMBLE PIANO MUSIC 321B 1 CREDIT
Prereq: ADVANCED PROFICIENCY AND PERFORMING
ABILITY, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
ADV ENSEMBLE STRINGS MUSIC 321D 1 CREDIT
Prereq: ADVANCED PROFICIENCY AND PERFORMING
ABILITY, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
ADV ENSEMBLE WOODWINDS MUSIC 321F 1 CREDIT
Prereq: ADVANCED PROFICIENCY AND PERFORMING
ABILITY, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
ADV ENSEMBLE MIXED MUSIC 321J 1 CREDIT
Prereq: ADVANCED PROFICIENCY AND PERFORMING
ABILITY, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
LIT & PEDAGOGY VOICE MUSIC 415A 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
LIT & PEDAGOGY PIANO MUSIC 415B 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
LIT & PEDAGOGY STRING MUSIC 415D 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
LIT & PEDAGOGY JAZZ PERF MUSIC 415J 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC PIANO MUSIC 419B 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC STRINGS MUSIC 419D 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC WOODWIND MUSIC 419F 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
APPLIED MUSIC BRASS MUSIC 419G 1-3 CREDITS
Prereq: AUDITION, INSTR PERMISN, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2023
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
INDEP STU MUSIC ED MUSIC 490A VAR. CREDITS
Prereq: INSTRUCTOR PERMISN, 12 CREDITS IN
MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
INDEP STU MUSIC THEO MUSIC 490B VAR. CREDITS
Prereq: INSTRUCTOR PERMISN, 12 CREDITS IN
MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STU COMPOSITION MUSIC 490C VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STU HISTORICAL MUSIC 490D VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STU LITERATURE MUSIC 490E VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STU APPLIED MUSIC MUSIC 490F VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STU CONDUCT MUSIC 490G VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STU HONORS MUSIC 490H VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STU ELECTRONIC MUSIC 490I VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THEORY MUSIC 590B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS COMPOSIT MUSIC 590C VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS APPLIED MUSIC MUSIC 590F VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS ECOLOGY MUSIC 590I VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

INTR. RENEWAL RESOURCES NREM 120 3 CREDITS
1297700 1 ARRANGED
Note: Course delivery is on-site instruction.
MEETS: MAY 15-JULY 7

INTERNSHIP NREM 303 1-3 CREDITS
Prereq: PERMISSION OF DEPARTMENT MENTOR, SOPHOMORE STANDING
******** SEE DEPT FOR REFERENCE NUMBERS

FIELD ECOLOGY MONTANA NREM 311 4 CREDITS
Prereq: BIOL 211L, BIOL 211L, BIOL 212L OR EQUIVALENT AND PERMISSION OF INSTRUCTORS
0198005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: SEC 1 FIELD ECOLOGY TAUGHT AT THE NREM FRENCH CONSERVATION CAMP IN MONTANA. TRANSPORTATION, ROOM AND BOARD INCLUDED IN SPECIAL COURSE FEE. TUITION IS EXTRA. TRAVEL DATES ARE JUNE 4, 2023 TO JULY 3, 2023. Course delivery is On-site instruction.

IND STU ANIMAL ECO NREM 490A 1-4 CREDITS
Prereq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
******** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

INDEPENDENT STUDY NREM 490B 1-4 CREDITS
Prereq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS NREM 490H 1-4 CREDITS
Prereq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
******** SEE DEPT FOR REFERENCE NUMBERS

DOMESTIC TRAVEL NREM 496B 1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
2597005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Instructor permission required.
Course delivery is On-site instruction.

COOPERATIVE EDUCATION NREM 498 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Permission of department chair required.
Satisfactory-Fail Only.
7593005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPECIAL TOPICS IN ANIMAL ECOLOGY NREM 590A 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS FORESTRY NREM 590B 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

DOMESTIC TRAVEL NREM 595B 1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
2606005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Instructor permission required.
Course delivery is On-site instruction.

TEACHING PRACTICUM NREM 598 1 CREDIT
Prereq: GRADUATE CLASSIFICATION AS M.S. CANDIDATE IN AN NREM MAJOR, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only
******** SEE DEPT FOR REFERENCE NUMBERS

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

TEACHING PRACTICUM NREM 698 1 CREDIT
Satisfactory-Fail Only
******** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH NREM 699 1-12 CREDITS
Note: COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2023
********SEE DEPT FOR REFERENCE NUMBERS

NEUROSCIENCE

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

NUTRITIONAL SCIENCES

SHORT COURSE NUTR 505 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
7836005 1 MTWRF 10:00-12:00
MEETS: MAY 15-AUG 4
Note: SEC 1 SUMMER LECTURESHIP: GUT HEALTH, CANCER AND AGING
Course delivery is On-site instruction.

RESEARCH NUTRITIONAL SCI 699 VAR. CREDITS
Satisfactory-Fail Only
******** SEE DEPT FOR REFERENCE NUMBERS

ORGANIZATION FOR TROPICAL STUDIES

ECO TROPICAL BIOLOGY OTS 510 8 CREDITS
7535005 1 ARRANGED
MEETS: MAY 15-AUG 4

TOPICS IN TROPICAL BIOLOGY OTS 515 1-8 CREDITS
7544005 1 ARRANGED
MEETS: MAY 15-AUG 4

PERFORMING ARTS

PERFORMING ARTS INTERNSHIP PERF 310 1 CREDIT
Satisfactory-Fail Only.
3677005 1 ARRANGED
MEETS: MAY 15-AUG 4

3677010 2 ARRANGED
MEETS: MAY 15-AUG 4
PHILOSOPHY

MORAL THEOR&PRACTICE PHIL 230 3 CREDITS
5827700 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is On-site

INDEPENDENT STUDY PHIL 490 1-4 CREDITS
Preq: 6 CREDITS IN PHIL, PERMISSION OF INSTRUCTOR; APPROVAL OF CHAIR
Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION

INDEP STUDY HONORS PHIL 490H 1-4 CREDITS
Preq: 6 CREDITS IN PHIL, PERMISSION OF INSTRUCTOR; APPROVAL OF CHAIR
Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.

GRADUATING SR SURVEY PHIL 492 1 CREDIT
Note: COURSE RESTRICTED TO PHIL SENIORS GRADUATING SUMMER 2023
Satisfactory-Fail Only.
3891005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is On-site instruction

SPCL TOPC HISTORY P PHIL 590A 2-4 CREDITS
Preq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5850005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOP EPS&METAPH PHIL 590B 2-4 CREDITS
Preq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5851005 1 ARRANGED
MEETS: MAY 15-AUG 4

SPL TOP VALUE THRY PHIL 590C 2-4 CREDITS
Preq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
Note: Instructor permission required.
5852005 1 ARRANGED
MEETS: MAY 15-AUG 4

TCHRS BIOETHC WKSHP PHIL 593 2 CREDITS
8903005 1 MTWR 9:00-3:50
MEETS: MAY 15-AUG 4
Note: Course delivery is On-site instruction

PHYSICS

GENERAL PHYSICS I PHYS 131 4 CREDITS
Preq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF Geometry, 1 SEMESTER OF TRIGONOMETRY.
Note: THIS COURSE HAS ONLINE LECTURES & DISCUSSIONS. EXAMS MUST BE TAKEN AT AN OFFICIAL TESTING CENTER.
0667700 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is On-site

LAB GEN PHYSICS I PHYS 131L 1 CREDIT
Preq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF Geometry, 1 SEMESTER OF TRIGONOMETRY.
Note: THIS COURSE HAS ONLINE LECTURES & DISCUSSIONS. EXAMS MUST BE TAKEN AT AN OFFICIAL TESTING CENTER.
0668700 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is On-site
Professional support and equipment use fee $120.00

INDEPENDENT STUDY PHYS 290 1-4 CREDITS
Preq: PERMISSION OF INSTRUCTOR
Note: SEE DEPT FOR REFERENCE NUMBERS

SENIOR PHYSICS PHYS 399 1-2 CREDITS
Preq: PERMISSION OF INSTRUCTOR
5886005 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is On-site

UNDERGRAD RESEARCH PHYS 450 1-6 CREDITS
Preq: PERMISSION OF INSTRUCTOR
Note: SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY PHYS 490 1-4 CREDITS
Preq: 6 CREDITS IN PHYS, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE APPLIED TOWARD GRADUATION
Note: SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHYS 490H 1-4 CREDITS
Preq: 6 CREDITS IN PHYS, PERMISSION OF INSTRUCTOR
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM.
Note: SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT PHYS 599 VAR. CREDITS
Preq: PERMISSION OF INSTRUCTOR
Note: SEE DEPT FOR REFERENCE NUMBERS
PHYSICS  (CONTINUED)

RESEARCH  PHYS  699  VAR.  CREDITS
Prereq: INSTRUCTOR PERMISSION REQUIRED
*********  SEE DEPT FOR REFERENCE NUMBERS

PLANT BIOLOGY

RESEARCH  PLBIO  699  VAR.  CREDITS
Note: Instructor permission required 1st week.
*********  SEE DEPT FOR REFERENCE NUMBERS

PLANT PATHOLOGY

INDEP STDY PLT PATH  PL P  490A  1-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CREDITS IN BIOLOGICAL SCIENCES, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
*********  SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY  PL P  490H  1-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CR IN BIOL SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
3155005  1 ARRANGED
MEETS: MAY 15-AUG 4
PL SCI XTNSN4OUTRC  PL P  581  1 CREDIT
0561005  1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is On-site instruction

SPECIAL TOPICS  PL P  590  1-3 CREDITS
Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
*********  SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  PL P  599  VAR.  CREDITS
Prereq: FOR NON-THESIS MASTER OF SCIENCE STUDENTS
*********  SEE DEPT FOR REFERENCE NUMBERS

THESES & DISSERTATION RESEARCH  PL P  699  VAR.  CREDITS
*********  SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

INTR AMERIC GOVERN  POL S 111  3 CREDITS
5961700  1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is WW

ADV WRITING POL SCI  POL S 395  R CREDIT
Satisfactory-Fail Only.
*********  SEE DEPT FOR REFERENCE NUMBERS

IND STUDY AMER GOVT  POL S 490A  VAR.  CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
*********  SEE DEPT FOR REFERENCE NUMBERS

IND STDY THRYMETHD  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.
*********  SEE DEPT FOR REFERENCE NUMBERS

IND STDY COMPAR POL  POL S 490C  VAR.  CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
*********  SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA  POL S 490D  VAR.  CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
*********  SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE (CONTINUED)

IND STDY EXT CREDIT  POL S 490E  1-2 CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
*********  SEE DEPT FOR REFERENCE NUMBERS

IND STDY HONORS  POL S 490H  VAR.  CREDITS
Prereq: 6 CR IN POL S; MEMBERSHIP IN HONORS PROGRAM
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

TEACHING INTERNSHIP  POL S 496  3 CREDITS
Prereq: 12 CREDITS IN POL S; SENIOR STATUS AND PERMISSION OF INSTRUCTOR
*********  SEE DEPT FOR REFERENCE NUMBERS

POL SC INTNSN  POL S 499  VAR.  CREDITS
Note: USE OF POL S 499 CREDIT IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Satisfactory-Fail Only.
*********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP US P INSTIT  POL S 590A  2-5 CREDITS
Prereq: 15 CR IN POL S; WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
*********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PUBLIC LAW  POL S 590B  2-5 CREDITS
Prereq: 15 CR IN POL S; WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
*********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POLIT THEORY  POL S 590C  2-5 CREDITS
Prereq: 15 CR IN POL S; WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
*********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPAR GOVT  POL S 590D  2-5 CREDITS
Prereq: 15 CR IN POL S; WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
*********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L RELAT  POL S 590E  2-5 CREDITS
Prereq: 15 CR IN POL S; WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
*********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POLICY PROC  POL S 590F  2-5 CREDITS
Prereq: 15 CR IN POL S; WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
*********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PUB AD  POL S 590G  2-5 CREDITS
Prereq: 15 CR IN POL S; WRITTEN INSTRUCTR PERMISSION
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD FIRST WEEK. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
*********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HONORS  POL S 590I  2-5 CREDITS
Prereq: 15 CR IN POL S; WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
*********  SEE DEPT FOR REFERENCE NUMBERS
PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS
Prereq: PSYCH 101, ENGL 250
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

DEVELOPMENTAL PSYCH PSYCH 230 3 CREDITS
Prereq: PSYCH 101
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

SOCIAL PSYCHOLOGY PSYCH 280 3 CREDITS
Prereq: PSYCH 101
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

RES. DESG & METHOD PSYCH 301 3 CREDITS
Prereq: STAT 101, 1 COURSE IN PSYCHOLOGY
MEETS: MAY 15-JUNE 9
Note: SEC 1 PSYCH MINORS ARE ELIGIBLE TO ADD THIS COURSE.
MEETS: MAY 15-JUNE 23
Note: Course delivery is WWW

MEDIA PSYCHOLOGY PSYCH 386 3 CREDITS
Prereq: PSYCH 101 OR PSYCH 230 OR PSYCH 280
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

PSYCH MEASUREMENT I PSYCH 440 3 CREDITS
Prereq: PSYCH 301 AND 9 CREDITS IN PSYCHOLOGY,
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

GENERAL PSYCH PATH PSYCH 460 3 CREDITS
Prereq: 3 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

INDEPENDENT STUDY PSYCH 490 1-3 CREDITS
Prereq: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSION
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

INDEPENDENT STUDY HONORS PSYCH 490H 1-3 CREDITS
Prereq: JR CLASSIFYCATN, 6 CR IN PSYCH, INSTRUCTOR PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

RESEARCH PRACTICUM PSYCH 491 VAR. CREDITS
Prereq: JR CLASSIFICATION, INSTR PERMISSON, CREDIT OR ENROLLMENT IN PSYCH 101
MEETS: MAY 15-JULY 7
Note: Course delivery is WWW

PUBLIC RELATIONS

SPL TOP/PLN SO MDIA P R 497L 3 CREDITS
Prereq: JR CLASSIFICATION
MEETS: MAY 15-JUNE 23
Note: Course delivery is WWW

PRO MDIA INTERN:REQ P R 499A 3 CREDITS
Prereq: JL MC 110, FORMAL FACULTY ADVISOR APPROVAL
MEETS: MAY 15-JUNE 23
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2023

PRO MDIA INTERN:OPT P R 499B 1-3 CREDITS
Prereq: JR CLASSIFICATION
MEETS: MAY 15-JUNE 23
Note: Course delivery is WWW

PSYCHOLOGY (CONTINUED)

FLD PRACTCM: HUMN SV PSYCH 492A VAR. CREDITS
Prereq: JUNIOR CLASSIFICATION, 12 CREDITS IN PSYCHOLOGY, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

FLD PRACTCM: I/O PSY PSYCH 492B VAR. CREDITS
Prereq: JUNIOR CLASSIFICATION, 12 CREDITS IN PSYCHOLOGY INCLUDING PSYCH 450, OR PSYCH 250 AND ENROLLMENT IN PSYCH 450; PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

SPL TOPIC COGNITIVE PSYCH 590Q VAR. CREDITS
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

SPL TOPICS SOCIAL PSYCH 590R VAR. CREDITS
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

CREATIVE COMPONENT PSYCH 599 VAR. CREDITS
Satisfactory-Fail Only.

EXT PRCTCM ADV CNSL PSYCH 691A VAR. CREDITS
Prereq: PSYCH 691A, PSYCH 691B, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

PRACT COUNSEL PSYCH 691G VAR. CREDITS
Prereq: PSYCH 691G, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN
Satisfactory-Fail Only.

IN PRACT GROUP COUNSEL PSYCH 691H VAR. CREDITS
Prereq: PSYCH 691H, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

RESEARCH PSYCH 699 VAR. CREDITS
Satisfactory-Fail Only.

RELIGIOUS STUDIES

WORLD RELIGIONS RELIG 205 3 CREDITS
Note: Meets international perspectives reqmt

PUBLIC RELATIONS

SPL TOP/PLN SO MDIA P R 497L 3 CREDITS
Prereq: JR CLASSIFICATION
MEETS: MAY 15-JUNE 23
Note: Course delivery is WWW

PRO MDIA INTERN:REQ P R 499A 3 CREDITS
Prereq: JL MC 110, FORMAL FACULTY ADVISOR APPROVAL
MEETS: MAY 15-JUNE 23
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2023

PRO MDIA INTERN:OPT P R 499B 1-3 CREDITS
Prereq: JR CLASSIFICATION
MEETS: MAY 15-JUNE 23
Note: Course delivery is WWW
RESEARCH & EVALUATION

SPECIAL TOPICS RESEV 590 1– 3 CREDITS
Prereq: GRADUATE STANDING
See DEPT FOR REFERENCE NUMBERS

SUPVSD FIELD EXPER RESEV 591 2– 4 CREDITS
Prereq: RESEV 553 OR RESEV 680
See DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS RESEV 690 1– 3 CREDITS
Prereq: GRADUATE STANDING
See DEPT FOR REFERENCE NUMBERS

RESEARCH RESEV 699 VAR. CREDITS
Prereq: GRADUATE STANDING
See DEPT FOR REFERENCE NUMBERS

RUSSIAN

STU IN ENGL: TALES RUS 370B 3 CREDITS
Prereq: Meets international perspectives reqmt
Meets: JUNE 26–AUG 4
0094700 1 ARRANGED
Note: See DEPT FOR REFERENCE NUMBERS

RUS STU IN ENGL:WWW RUS 370R 3 CREDITS
Prereq: Meets international perspectives reqmt
Meets: JUNE 26–AUG 4
6782700 1 ARRANGED
Note: SEC 1 TOPIC: WOMEN'S VOICES IN RUSSIAN CULTURE
Course delivery is WWW
Materials and professional support fee $25.00

RUSSIA TODAY RUS 375 3 CREDITS
Prereq: Meets international perspectives reqmt
Meets: MAY 15–JUNE 23
7072700 1 ARRANGED
Note: SEC 1 TOPIC: RUSSIAN AND SOVIET FAIRY TALES
Course delivery is WWW
Materials and professional support fee $25.00

7072705 2 ARRANGED
Note: SEC 2 TOPIC: FROM GORBACHEV TO PUTIN.
Contemporary Russian Culture
Course delivery is WWW
Materials and professional support fee $25.00

7072710 3 ARRANGED
Note: SEC 3 TOPIC: FROM GORBACHEV TO PUTIN.
Contemporary Russian Culture
Course delivery is WWW
Materials and professional support fee $25.00

INDEPENDENT STUDY RUS 490 1– 6 CREDITS
Prereq: 6 CR IN RUSSIAN LANGUAGE/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

SEED TECHNOLOGY AND BUSINESS

INTL SEED BUS&PLARG STB 509 3 CREDITS
Prereq: ADMISSION TO MS IN SEED TECHNOLOGY AND BUSINESS PROGRAM OR BY SPECIAL ARRANGEMENT WITH INSTR
5549700 1 ARRANGED
Meets: MAY 15–AUG 4
Note: SEC 1 RESTRICTED TO STB GRADS. OTHERS CONTACT SEEDGRAD@IASTATE.EDU
Course delivery is WWW

SEED&VARIET TEST&TC STB 534 2 CREDITS
Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR APPROVAL OF INSTRUCTOR
8150700 1 ARRANGED
Meets: JUNE 26–AUG 4
Note: SEC 1 RESTRICTED TO STB MAJORS. OTHERS CONTACT SEEDGRAD@IASTATE.EDU
Course delivery is WWW

INTR TO SEED INDUST STB 535 1 CREDIT
Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR APPROVAL OF INSTRUCTOR
7518700 1 ARRANGED
Meets: JUNE 26–AUG 4
Note: SEC 1 RESTRICTED TO STB MAJORS ONLY.
OTHERS CONTACT SEEDGRAD@IASTATE.EDU
Course delivery is WWW

SEED PRODUCTION STB 547 2 CREDITS
Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR APPROVAL OF INSTRUCTOR
7849700 1 ARRANGED
Meets: MAY 15–JUNE 23
Note: SEC 1 RESTRICTED TO STB GRADS ONLY.
OTHERS CONTACT SEEDGRAD@IASTATE.EDU
Course delivery is WWW

SPECIAL TOPICS STB 590 1– 3 CREDITS
Prereq: ADMISSION TO THE GRADUATE PROGRAM IN SEED TECHNOLOGY AND BUSINESS
0510700 1 ARRANGED
Meets: MAY 15–AUG 4
Note: SEC 1 RESTRICTED TO STB MAJORS OR APPROVAL OF INSTRUCTOR. EMAIL FOR APPROVAL AT SEEDGRAD@IASTATE.EDU
Course delivery is WWW

CREATIVE COMPONENT STB 599 1– 3 CREDITS
Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR APPROVAL OF INSTRUCTOR
3239700 1 ARRANGED
Meets: MAY 15–AUG 4
Note: SEC 1 RESTRICTED TO STB MAJORS. OTHERS CONTACT SEEDGRAD@IASTATE.EDU
Course delivery is WWW

SOCIOLGY

INTRO TO SOCIOLOGY SOC 134 3 CREDITS
Prereq: CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
6346700 1 ARRANGED
Meets: JUNE 12–AUG 4
Note: Course delivery is WWW

6346010 2 ARRANGED
Meets: MAY 15–JUNE 9
Note: Course delivery is WWW

YOUTH & CRIME SOC 241 3 CREDITS
6350700 1 ARRANGED
Meets: MAY 15–JUNE 9
Note: Course delivery is WWW

ETHNIC&RACE RELATNS SOC 330 3 CREDITS
Prereq: SOC 134
5549700 1 ARRANGED
Meets: JUNE 12–JULY 7
Note: Meets U.S. diversity reqmt

DEVIANT &CRIM BEHAV SOC 340 3 CREDITS
Prereq: SOC 134 OR CJ 240
6358700 1 ARRANGED
Meets: JULY 10–AUG 4
Note: Course delivery is WWW

CRIM&JUV JUST INTRN SOC 460 3– 9 CREDITS
Prereq: JR/SR CLASSIFICATION; MAJOR OR MINOR IN CRIMINAL JUSTICE OR SOCIOLOGY.
Note: No more than 9 CREDITS of SOC 460/C J 460 MAY BE APPLIED TOWARD GRADUATION.
Satisfactory-Fail Only.
6370005 1 ARRANGED
Meets: MAY 15–AUG 4

6370010 2 ARRANGED
Meets: MAY 15–JULY 7
Note: SEC 2 OFFERED FOR 3-4 CREDITS
### SOCIETY

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<td>SOC 490A</td>
<td>1- 3 CREDITS</td>
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<td>ELEM SPANISH II 102</td>
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<td>LATIN AMER CIVILIA 322</td>
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<td>COLLABORTV CONSULTA SP ED 564</td>
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### SPEECH COMMUNICATION

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SPEECH COMMUNICATION

FUND PUBLIC SPEAKING SP CM 212 3 CREDITS
Note: Course delivery is WWW

8643025 5 ARRANGED
MEETS: MAY 15–JULY 7
Note: Course delivery is WWW

8643030 6 ARRANGED
MEETS: MAY 15–JULY 7
Note: Course delivery is WWW

8643035 7 ARRANGED
MEETS: JUNE 12–AUG 4
Note: Course delivery is WWW

8643045 8 ARRANGED
MEETS: JUNE 12–AUG 4
Note: Course delivery is WWW

SPECIAL PROJECTS SP CM 290 1–2 CREDITS
Prereq: 3 CREDITS IN SF CM; PERMISSION OF PROGRAM DIRECTOR
Note: NO CREDITS IN SF CM 290 MAY BE APPLIED TOWARD THE MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS IN SF CM 290 MAY BE APPLIED TOWARD THE MINOR. Department permission required. ******* SEE DEPT FOR REFERENCE NUMBERS

GENDER & COMMUNICATION SP CM 323 3 CREDITS
Note: Meets U.S. diversity reqmt

2640005 1 ARRANGED
MEETS: MAY 15–JUNE 9
Note: Course delivery is WWW

INDEPENDENT STUDY SP CM 490 1–3 CREDITS
Prereq: 18 CREDITS IN SF CM; SENIOR CLASSIFICATION, PERMISSION OF PROGRAM DIRECTOR
Note: PERMISSION OF BEN CROSBY REQUIRED TO ADD. ALL EXAMS WILL BE TAKEN THROUGH IOWA STATE UNIVERSITY TEST CENTERS, EITHER ON CAMPUS OR REMOTELY VIA A TEST-CENTER-APPROVED PROCTOR. STUDENTS UNABLE TO BE ON CAMPUS FOR EXAMS ARE REQUIRED TO FIND A PROCTOR AND HAVE THE PROCTOR APPROVED BY THE ISU TEST CENTER. NO CREDIT FOR EITHER STAT 105 OR STAT 305, OR UNDER GRADUATION

COMMUNIC INTERNSHIP SP CM 499 1–3 CREDITS
Prereq: 18 CR IN SF CM COURSES, OTHER COURSES ADVISOR DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR STANDING; CUM GPA OF AT LEAST 2.5 OVERALL & 3.0 IN SF CM; PERMISSION OF THE INTERNSHIP COMMITTEE
Note: NO CREDITS IN SF CM 499 MAY BE APPLIED TOWARD THE MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS IN SF CM 499 MAY BE APPLIED TOWARD THE MINOR. Department permission required. ******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS SP CM 590 1–4 CREDITS
Prereq: PERMISSION OF PROGRAM CHAIR
Note: NO CREDITS IN SF CM 590 MAY BE APPLIED TOWARD THE MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS IN SF CM 590 MAY BE APPLIED TOWARD THE MINOR. Department permission required. ******* SEE DEPT FOR REFERENCE NUMBERS

STATISTICS

PRINCIPLES OF STATISTICS STAT 101 4 CREDITS
Prereq: ONE AND A HALF YRS OF H S ALGEBRA
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226

ALL EXAMS WILL BE TAKEN THROUGH IOWA STATE UNIVERSITY TEST CENTERS, EITHER ON CAMPUS OR REMOTELY VIA A TEST-CENTER-APPROVED PROCTOR. STUDENTS UNABLE TO BE ON CAMPUS FOR EXAMS ARE REQUIRED TO FIND A PROCTOR AND HAVE THE PROCTOR APPROVED BY THE ISU TEST CENTER. ******* SEE DEPT FOR REFERENCE NUMBERS

6503005 1 ARRANGED
MEETS: MAY 15–JULY 7
Note: Course delivery is WWW

INTRO TO STATISTICS STAT 104 3 CREDITS
Prereq: 1 & 1/2 YRS OF H S ALGEBRA
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226, STAT 244, OR EQUIVALENT UNDERGRAD LEVEL APPLIED STATISTICS COURSE; OR PERMISSION OF DEPARTMENT

3680005 1 ARRANGED
MR 9:50–11:50
MEETS: MAY 15–JULY 7
Note: Course delivery is WWW

INTRO BUSINESS STAT I STAT 226 3 CREDITS
Prereq: MATH 150 OR MATH 165
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 226, STAT 101, STAT 104, STAT 105, STAT 201, STAT 226, STAT 244, OR EQUIVALENT UNDERGRAD LEVEL APPLIED STATISTICS COURSE; OR PERMISSION OF DEPARTMENT

ALL EXAMS WILL BE TAKEN THROUGH IOWA STATE UNIVERSITY TEST CENTERS, EITHER ON CAMPUS OR REMOTELY VIA A TEST-CENTER-APPROVED PROCTOR. STUDENTS UNABLE TO BE ON CAMPUS FOR EXAMS ARE REQUIRED TO FIND A PROCTOR AND HAVE THE PROCTOR APPROVED BY THE ISU TEST CENTER.

8643005 1 ARRANGED
MEETS: JUNE 12–AUG 4
Note: Course delivery is WWW

ENGINEERING STATISTICS STAT 305 3 CREDITS
Prereq: MATH 165
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 301, STAT 326, STAT 401

ALL EXAMS WILL BE TAKEN THROUGH IOWA STATE UNIVERSITY TEST CENTERS, EITHER ON CAMPUS OR REMOTELY VIA A TEST-CENTER-APPROVED PROCTOR. STUDENTS UNABLE TO BE ON CAMPUS FOR EXAMS ARE REQUIRED TO FIND A PROCTOR AND HAVE THE PROCTOR APPROVED BY THE ISU TEST CENTER.

6509705 1 ARRANGED
MEETS: MAY 15–JULY 7
Note: Course delivery is WWW

INTR BUSINESS STAT II STAT 326 3 CREDITS
Prereq: STAT 226
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 301, STAT 326, STAT 401

ALL EXAMS WILL BE TAKEN THROUGH IOWA STATE UNIVERSITY TEST CENTERS, EITHER ON CAMPUS OR REMOTELY VIA A TEST-CENTER-APPROVED PROCTOR. STUDENTS UNABLE TO BE ON CAMPUS FOR EXAMS ARE REQUIRED TO FIND A PROCTOR AND HAVE THE PROCTOR APPROVED BY THE ISU TEST CENTER.

7372005 1 ARRANGED
MEETS: MAY 15–JULY 7
Note: Course delivery is WWW

COOPERATIVE EDUCATION STAT 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR

1530005 1 ARRANGED
MEETS: MAY 15–AUG 4
Note: Course delivery is WWW

INDEPENDENT STUDY STAT 490 VAR. CREDITS
Prereq: 10 CREDITS IN STATISTICS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION

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

INDEPENDENT STUDY HONORS STAT 490H VAR. CREDITS
Prereq: 10 CREDITS IN STATISTICS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION

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

STAT MTHD FOR RSCH 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

3680005 1 ARRANGED
MEETS: MAY 15–AUG 4
Note: Course delivery is WWW

STAT THEORY FOR RES STAT 588 4 CREDITS
Prereq: MATH 151 AND INSTR PERMISSION, OR MATH 265

3694005 1 ARRANGED
MEETS: MAY 15–AUG 4
Note: Course delivery is WWW

COOPERATIVE EDUCATION STAT 598 R CREDIT
Prereq: PERMISSION OF THE DEPARTMENT CHAIR

4153005 1 ARRANGED
MEETS: MAY 15–AUG 4
Note: Permission of department chair required.

CREATIVE COMPONENT STAT 599 VAR. CREDITS
Satisfactory-Pass Only

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

RESEARCH STAT 699 VAR. CREDITS
Note: DEPT FOR REFERENCE NUMBERS

SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
Prereq: ECON 101, STAT 226
Note: Course restricted to undergraduate students soph & above

1629005 1 ARRANGED
MEETS: MAY 15–JUNE 23
Note: Course delivery is WWW

1629010 2 ARRANGED
MEETS: JUNE 26–AUG 4
Note: Course delivery is WWW
TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

IND INDUSTRIAL OCCUP SAFETY TSM 490 1-4 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT
Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION
Department permission required.

**** SEE DEPT FOR REFERENCE NUMBERS

WKSHP OCCUPA SAFETY TSM 493D 1-4 CREDITS
Prereq: 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.

1344700 1 ARRANGED FREEMAN S
MEETS: MAY 15-18
Note: FOR PERMISSION TO ENROLL, CONTACT BEN MCCARTY, BMCCARTY@IASTATE.EDU OR 515-294-4087.
Department permission required.
Course delivery is WWW
Cmtr regmt: http://www.agonline.iastate.edu/resources/computer-requirements

STUDY ABROAD TSM 496 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives regmt
9387800 FR ARRANGED ROSENTRATER K
MEETS: JUNE 4-17
Note: SEC FR TAUGHT IN FRANCE, PARIS AREA, TITLE: CATHEDRALS, CASTLES, CULTURE & GASTRONOMY - STUDY ABROAD SUMMER 2023. OFFERED FOR 1 CREDIT Study Abroad Administrative Fee Applies

ADV DESIGN & MANUFACT TSM 490 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
4557005 1 ARRANGED
MEETS: MAY 15-18
Note: Course delivery is On-site instruction

SPL TP AG&BIOS Y MGT TSM 590A 1-4 CREDITS
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF

**** SEE DEPT FOR REFERENCE NUMBERS

ADV DESIGN & MANUFACT TSM 590C 1-4 CREDITS
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF

**** SEE DEPT FOR REFERENCE NUMBERS

ADV DESIGN & MANUFACT TSM 590D 1-4 CREDITS
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF

**** SEE DEPT FOR REFERENCE NUMBERS

SPL TP OCCUP SAFETY TSM 590D 1-4 CREDITS
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF

**** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT TSM 599 1-3 CREDITS

**** SEE DEPT FOR REFERENCE NUMBERS

PROGRAM & LEARNER EVAL TSM 496 3 CREDITS
Prereq: STAT 587 OR EQUIVALENT
4585005 1 ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is Hybrid (Online and F2F)

TECHNOLOGY INTERNSHIP TSM 697 1 CREDIT
Prereq: PERMISSION OF MAJOR PROFESSOR AND APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION Satisfactory-Fail Only.

4646005 1 ARRANGED
MEETS: MAY 15-AUG 4

RESEARCH TSM 699 1-6 CREDITS

**** SEE DEPT FOR REFERENCE NUMBERS

THEATRE

THEATRE AND SOCIETY THTRE 110 3 CREDITS
1103700 1 ARRANGED
MEETS: JUNE 12-AUG 4
Note: Course delivery is IN-PERSON

SPECIAL PROJECTS THTRE 290 1-3 CREDITS
Prereq: 3 CREDITS IN THEATRE; PERMISSION OF INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL
Note: Instructor permission required.
**** SEE DEPT FOR REFERENCE NUMBERS
THEATRE (CONTINUED)

ADV TECH THTR PRACT THTRE 469 1-3 CRED
Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1-3 CRED
Prereq: 9 CR IN THEATRE, APPROVED WRITTEN PROPOSAL, JUNIOR OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL AND 3.00 IN THEATRE COURSES
******* SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP THTRE 499 1-8 CRED
Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL AND 3.00 IN THEATRE COURSES
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THTRE 590 1-4 CRED
Prereq: APPROVED WRITTEN PROPOSAL
Note: Permission of department chair required.
******* SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY

TOXICOLOGY SEMINAR TOX 504 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
7126005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is On-site instruction

CLIN 4 DIAGNOSIS TOXIC TOX 546 1-3 CRED
Prereq: D.V.M. DEGREE OR VDPAM 526
1231005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is On-site instruction

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

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

TRANSPORTATION

CREATIVE COMPONENT TRANS 599 1-3 CRED
Prereq: PRE-ENROLLMENT CONTRACT REQUIRED
4160005 1 ARRANGED
MEETS: MAY 15-AUG 4

RESEARCH TRANS 699 VAR. CREDITS
6787005 1 ARRANGED
MEETS: MAY 15-AUG 4

U.S. LATINO/A STUDIES

LATINA/O HISTORY US LS 372 3 CREDITS
Note: Meets U.S. diversity reqmt
3427005 1 ARRANGED
MEETS: JUNE 12-JULY 7
Note: Course delivery is WWW

INTERN US LATINO ST US LS 499 1-3 CRED
Prereq: US LS 211 OR PERMISSION OF PROGRAM DIRECTOR
Note: Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

UNIVERSITY STUDIES

FIRST-YR SEM 1:APEX U ST 301F 1 CREDIT
Prereq: ACCEPTANCE/PARTICIPATION IN APEX PROGRAM
Note: COURSE FOR APEX PROGRAM STUDENTS ONLY
Satisfactory-Fail Only
8454700 1 T 1:10-2:00
MEETS: JUNE 12-AUG 4
Note: Course delivery is On-site instruction
8454705 2 T 3:10-4:00
MEETS: JUNE 12-AUG 4
Note: Course delivery is On-site instruction
8454710 3 R 1:10-2:00
MEETS: JUNE 12-AUG 4
Note: Course delivery is On-site instruction
8454715 4 R 3:10-4:00
MEETS: JUNE 12-AUG 4
Note: Course delivery is On-site instruction

URBAN DESIGN

URBN DSN GLOBL STDY URB D 502 6 CREDITS
Prereq: GRADUATE STANDING, OR SENIOR CLASSIFICATION WITH INSTRUCTOR PERMISSION
3863005 1 MWR 9:00-1:00
******* ARRANGED
MEETS: MAY 15-JULY 7
Note: Course delivery is Hybrid (Online and F2F)

URBAN DESIGN (CONTINUED)

FOUNDATNS URBAN DSGN URB D 521 3 CREDITS
Prereq: GRADUATE STANDING, OR SENIOR CLASSIFICATION WITH INSTRUCTOR PERMISSION
4020005 1 ARRANGED
MEETS: MAY 15-JULY 7

VET DIAGNOSTIC & PRODUCTION AN MED

PRECP: F D AN EMPHISIS VDPAM 420A 1-6 CREDITS
Frcrd: 4TH YEAR CLASSIFICATION IN V MED
9072000 1 ARRANGED

PRECP PRD AN MD: MXD VDPAM 420B 1-6 CREDITS
Frcrd: 4TH YEAR CLASSIFICATION IN V MED
5207000 1 ARRANGED

PRECP PRD AN MD: POW VDPAM 420P 1-6 CREDITS
Frcrd: 4TH YEAR CLASSIFICATION IN V MED, RECOMMENDED: VDPAM 408 OR VDPAM 498.
Note: NO MORE THAN 6 CREDITS IN VDPAM 420P MAY BE APPLIED TOWARD GRADUATION
9110005 1 ARRANGED

GPVEC: FEEDLOT MGT VDPAM 421D 1 CREDIT
Frcrd: 4TH-YEAR CLASSIFICATION IN VET MED, ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
4423005 1 ARRANGED

GPVEC: SHEEP WEANING VDPAM 421R 1 CREDIT
Frcrd: 4TH-YEAR CLASSIFICATION IN VET MED, ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
9793005 1 ARRANGED

GPVEC: FOOD UN CLNCL VDPAM 421T 1 CREDIT
Frcrd: 4TH-YEAR CLASSIFICATION IN VET MED, ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
0313005 1 ARRANGED
Note: Course delivery is On-site instruction

DIAG PATHLGY PRCSHP VDPAM 424 1-6 CREDITS
Frcrd: VDPAM 455
0247005 1 ARRANGED

CLIN EMBRYO TRANSF PR VDPAM 451 2 CREDITS
Frcrd: VDPAM 351; FOURTH YEAR CLASSIFICATION IN VET MED
4334005 1 ARRANGED
Note: Course delivery is On-site instruction

FEEDLOT PRODUC MED VDPAM 463 1 CREDIT
Frcrd: VDPAM 310; CONCURRENT ENROLLMENT IN VDPAM 4210
9766005 1 ARRANGED

ANIM WELFARE CLINIC VDPAM 465 2 CREDITS
Frcrd: FOURTH-YEAR CLASSIFICATION IN V MED
9642005 1 ARRANGED
MEETS: MAY 15-AUG 4
Note: Course delivery is On-site instruction

AN RE:EQUINE REPROD VDPAM 471E 2 CREDITS
Frcrd: FOURTH CLASSIFICATION IN VETERINARY MEDICINE
0805005 1 ARRANGED

AN RE: FOOD ANML THR VDPAM 471F 2 CREDITS
Frcrd: FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE
0602005 1 ARRANGED

FOOD &NSEC CAM PLS IHR SRV VDPAM 476 1-2 CREDITS
Frcrd: VDPAM 310; FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE
8725005 1 MTWRF 8:00-5:00
Note: Course delivery is On-site instruction

FD ANM & CAM MEDICAL SRV VDPAM 477 2 CREDITS
Frcrd: FOURTH-YEAR CLASSIFICATION IN V MED
6909005 1 MTWRF 8:00-5:00
Note: Course delivery is On-site instruction

SWINE CL PHRM TREAT VDPAM 478B 2 CREDITS
Frcrd: VDPAM 310
0250005 1 ARRANGED

SWINE DIS DIAGN & TREAT VDPAM 478C 2 CREDITS
Frcrd: VDPAM 310
0251005 1 ARRANGED
VETERINARY CLINICAL SCIENCES (CONTINUED)

ZOO PRECEPTORSHIP  V C S 423     2-12 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VETERINARY 
MEDICINE. COMPLETION OF V C S 405 AND/OR V C S 406X, 
OR PERMISSION OF INSTRUCTOR.  
0536005  1 ARRANGED  
MEETS: MAY 15-AUG 4  

EXOTIC PET MED ROTA  V C S 425X   2 CREDITS  
F强大递：V C S 405  
5655005  1 ARRANGED  

SM ANIML SHELTR MED  V C S 437   2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
7944005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

CANINE REHABILITATN  V C S 441   2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
9232005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

CLINICAL NEUROLOGY  V C S 446   2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
5112005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

CLINICL DERMATOLOGY  V C S 452   2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VETERINARY 
MEDICINE. MUST HAVE INSTRUCTOR PERMISSION TO REPEAT 
THIS COURSE.  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
1931005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

SMALL ANIMAL MED I  V C S 453   2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
6889005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

SM AN SOFT TISS SUR  V C S 455   2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
6891005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

SM AN ORTHOPED SURG  V C S 456   2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
6892005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

EQUINE MEDICINE  V C S 457   2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
6893005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

EQUINE SURGERY  V C S 458   2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
6894005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

SM AN OVERPOP OMAHA  V C S 459A  2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
4050005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

SM AN OVERPOP K.C.  V C S 459C  2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
4313015  1 ARRANGED  
Note: Course delivery is On-site instruction  

SM AN OVERPOP BOULD  V C S 459D  2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
6542005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

SM AN OVERPOP LINCO  V C S 459F  2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VETERINARY 
MEDICINE. COMPLETION OF V C S 405 AND/OR V C S 406X, 
OR PERMISSION OF INSTRUCTOR.  
0536005  1 ARRANGED  
MEETS: MAY 15-AUG 4  

RADIOLOGY  V C S 460   2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
6896005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

VETERINARY CLINICAL SCIENCES (CONTINUED)

VET MILITARY PRACTI  V C S 319X  1-6 CREDITS  
F强大递：VETERINARY MILITARY PRACTICE; ENROLLMENT IN IOWA STATE VETERINARY CURRICULUM; 
DOCUMENTED MILITARY OBLIGATION FOLLOWING GRADUATION  
3193005  1 ARRANGED  

ONCOLOGY  V C S 409   2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
9213005  1 MTWRFS 8:00-5:00  

PCP CN/AN/EQ VMP  V C S 419   2-6 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED, 
PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE  
0590005  1 ARRANGED  
MEETS: MAY 15-AUG 4  
Note: Course delivery is On-site instruction  

PRACTICUM  V C S 420   R CREDIT  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED, 
PERMISSION OF INSTRUCTOR  
4548005  1 ARRANGED  
4548010  2 ARRANGED

RESEARCH  VDPAM 699   VAR. CREDITS  
F强大递：ENROLLMENT IN NONTHESIS MASTER'S DEGREE  
*******     SEE DEPT FOR REFERENCE NUMBERS

SM AN OVERPOP ASHVL  V C S 459E      2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VETERINARY 
MEDICINE. COMPLETION OF V C S 405 AND/OR V C S 406X, 
OR PERMISSION OF INSTRUCTOR.  
0536005  1 ARRANGED  
MEETS: MAY 15-AUG 4  

EXOTIC PET MED ROTA  V C S 425X   2 CREDITS  
F强大递：V C S 405  
5655005  1 ARRANGED  

SM ANIML SHELTR MED  V C S 437   2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
7944005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

SM AN OVERPOP OMAHA  V C S 459A  2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
4050005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

SM AN OVERPOP K.C.  V C S 459C  2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
4313015  1 ARRANGED  
Note: Course delivery is On-site instruction  

SM AN OVERPOP BOULD  V C S 459D  2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
6542005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction  

SM AN OVERPOP LINCO  V C S 459F  2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VETERINARY 
MEDICINE. COMPLETION OF V C S 405 AND/OR V C S 406X, 
OR PERMISSION OF INSTRUCTOR.  
0536005  1 ARRANGED  
MEETS: MAY 15-AUG 4  

RADIOLOGY  V C S 460   2 CREDITS  
F强大递：FOURTH-YEAR CLASSIFICATION IN VET MED  
6896005  1 MTWF 8:00-5:00  
Note: Course delivery is On-site instruction
### VETERINARY CLINICAL SCIENCES (CONTINUED)

**Primary Care**  
V C S 463  2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
Note: Course delivery is On-site instruction  
8322005  1 MTWRFS 8:00-5:00

**Equine Field Service**  
V C S 464  2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
Note: Course restricted to 4TH YEAR VET MED students  
4247005  1 MTWRFS 8:00-5:00

**Farrrier**  
V C S 465  2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
Note: Course delivery is On-site instruction  
7756005  1 MTWRFS 8:00-5:00

**Vet Anesthesiology**  
V C S 466  2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
Note: Course restricted to 4TH YEAR VET MED students  
6898005  1 MTWRFS 8:00-5:00

**Intensive Care**  
V C S 468  4 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
Note: Course delivery is On-site instruction  
6900005  1 ARRANGED

**Ophthalmology**  
V C S 469  2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
Note: Course restricted to 4TH YEAR VET MED students  
6901005  1 MTWRFS 8:00-5:00

**Vet Cardiology Rotat**  
V C S 475  2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
Note: Department permission required.  
9128005  1 MTWRFS 8:00-5:00

**Equine Anesthesiology**  
V C S 476E  2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
Note: Course delivery is On-site instruction  
7136005  1 ARRANGED

**Sm Animl Anesthesio**  
V C S 476S  2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.  
7145005  1 ARRANGED  
MEETS: MAY 15-AUG 4

**Intensv/Critcl Care**  
V C S 478  2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
Note: Course delivery is On-site instruction  
9816005  1 MTWRFS 8:00-5:00

**Clin in Divrs Comm**  
V C S 484X  2 CREDITS  
Note: Course delivery is On-site instruction  
3228005  1 ARRANGED

**Independent Study**  
V C S 490  1-3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR AND SPONSORING V C S FACULTY MEMBER  
6094005  1 ARRANGED

**Creative Component**  
V C S 599  VAR. CREDITS  
Prereq: ENROLLMENT IN MASTERS PROGRAM  
6049005  1 ARRANGED

**Research Medicine**  
V C S 699A  VAR. CREDITS  
6065005  1 ARRANGED

**SPL Topics Medicine**  
V C S 699G  VAR. CREDITS  
6074005  1 ARRANGED

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### VETERINARY MICROBIOLOGY & PREV MED

**Public Health Lab**  
V MPM 486  2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
Note: Course delivery is On-site instruction  
6951005  1 MTWRFS 8:00-12:00  
MTWRF 2:00-5:00

**Independent Study**  
V MPM 490  VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR  
Note: Course only offered for 1-5 CREDITS SUMMER 2023  
FALL 2023  
Note: Instructor permission required. Process approved add slip in 2270A Vet Med.  
6952005  1 ARRANGED

**Special Topics**  
V MPM 590  1-5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR  
Note: Instructor permission required.  
6953005  1 ARRANGED

**Creative Component**  
V MPM 599  VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
6954005  1 ARRANGED

**Research**  
V MPM 699  VAR. CREDITS  
6955005  1 ARRANGED

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### VETERINARY PATHOLOGY

**Necropsy Lab Practm**  
V PTH 456  1 CREDIT  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
7007005  1 MTWRF 8:00-12:00  
S: 10:00-11:50

**Clin Path Lab Pract**  
V PTH 457  1 CREDIT  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
7008005  1 MTWRF 9:00-11:50

**Dign Parasitol Lab**  
V PTH 548  1-3 CREDITS  
Prereq: V PTH 376 OR V PTH 57  
9668005  1 ARRANGED  
MEETS: MAY 15-AUG 4

**Clin Pathology Lab**  
V PTH 549  1 CREDIT  
Prereq: V PTH 457, PERMISSION OF INSTRUCTOR  
7037005  1 ARRANGED  
MEETS: MAY 15-AUG 4

**Surgical Pathol Lab**  
V PTH 550  1-3 CREDITS  
Prereq: V PTH 570 OR V PTH 571, PERMISSION OF INSTRUCTOR  
7479005  1 ARRANGED  
MEETS: MAY 15-AUG 4

**Postmort Pathol Lab**  
V PTH 551  1-3 CREDITS  
Prereq: V PTH 542, PERMISSION OF INSTRUCTOR  
7038005  1 MTWRF 1:10-5:00  
S: 10:00-11:50  
MEETS: MAY 15-AUG 4

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**Materials and professional support fee $200.00**
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