**Summer Session 2016**

Session I  
May 16 - July 8

Session II  
June 13 - August 5

University Holidays  
May 30 
July 4

**Registration Start Dates for Summer 2016**

Veterinary Medicine students:  
Monday, March 21

Graduate students:  
Monday, March 21 - Wednesday, March 23

All seniors:  
Tuesday, March 22 - Monday, March 28

Projected juniors:  
Tuesday, March 29 - Monday, April 4

Projected sophomores:  
Tuesday, April 5 - Monday, April 11

Continuing freshmen:  
Tuesday, April 12 - Monday, April 18

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

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Summer Semester Courses

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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 to the ISU index under Schedule Changes, or contact the Scheduling & Fees Office, 10 Enrollment Services Center, 294-2331.

Fee Payment Deadlines

Fee payment deadlines for Summer 2016 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 2016, 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. Course schedules 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 25. 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 20. You can initiate registration for summer session I courses using AccessPlus Registration through Wednesday, May 18. For additional schedule change deadlines go to the ISU index under Schedule Changes.

Student Answer Center

Have a question and not sure where to go for the answer? Contact the Student Answer Center, ground floor, Beardshear. The Student Answer Center is open, Monday-Friday, 8 a.m. - 5 p.m., or e-mail: answercenter@iastate.edu.
University Calendar Summer 2016

May 15, Sun. • Last day to cancel registration for full-12 week summer courses to avoid tuition assessment.

May 16, Mon. • Class work begins, Session I courses.
  • Fee payment deadline for summer semester. First payment (minimum due) or payment in full.
  • Last day to add a Session I course without instructor's signature.
  • Last day to process adds or section changes for a Session I course through AccessPlus registration.
  • Last day to process most schedule changes without a fee; or to add/drop a Session I course without signatures of instructor and adviser.
  • Last day to drop a Session I course without the drop appearing on the permanent record or counting toward the limit of dropped courses.

May 20, Fri. • Last day to drop a Session I course through AccessPlus registration.
  • Last day to change a Session I course from Pass/Not Pass to grade without it counting toward total allowable P/NP credits used for graduation.
  • Last day to change a Session I course from audit/credit basis to audit only without instructor's signature.
  • Last day to change a Session I course from audit only to credit basis.
  • Last day to add/drop a course or withdraw without extenuating circumstances (Session I courses).
  • Last day to change a Session I course to/from Pass/Not Pass to grade. Courses changed to graded basis after June 1 count toward the total allowable P/NP credits used for graduation.
  • Fee payment deadline for summer Second payment (minimum due).

June 22, Wed. • Last day to drop a Session I course through AccessPlus registration.
  • Last day to change a Session I course from Pass/Not Pass to grade without counting toward total allowable P/NP credits used for graduation.

June 24, Fri. • Summer Session I ends.
  • Summer Session I final examinations begin.

July 19, Tues. • Graduate College: last day for final oral examinations.

July 22, Fri. • Graduate College: last day to submit final transcript.
  • Fee payment deadline for summer semester. Final payment due.

July 23, Sat. • Room assignments for Fall 2016 distributed to departments from Room Scheduling.

August 1, Mon. • University holidays—offices closed, classes recessed.

August 5, Fri. • Summer Session II ends.

August 10, Wed. • Grade reports available on AccessPlus.

August 19, Wed., 2:15 p.m. • Final grades due on WebCT.

August 24, Mon. • Last day for graduate students to cancel classes recessed.

August 26, Wed. • 4 p.m., Preliminary room assignments for Fall 2016, with changes, due back to Room Scheduling from departments.

September 1, Mon. • Last day for graduate students to cancel without instructor's signature.

September 8, Fri. • Last day to add a Session II course without instructor's signature.

September 19, Fri. • Last day to add or drop a Session II course without instructor's signature.

September 26, Fri. • Last day to elect to audit a course for Session I.

October 6, Fri. • Last day to elect to audit a course for Session II.

October 11, Mon. • Last day to add a Session II course without instructor's signature.

October 18, Fri. • Last day to add a Session II course without instructor's signature.

October 25, Fri. • Last day to process adds or section changes for a Session II course through AccessPlus registration.

November 1, Wed. • Last day to process a schedule change without a fee or to drop a Session II course without signatures of instructor and adviser.

November 8, Wed. • Last day to drop a Session II course without the drop appearing on the permanent record or counting toward the limit of dropped courses.

November 15, Wed. • Last day to drop a Session II course through AccessPlus registration.

November 21, Mon. • Fee payment deadline for summer Second payment (minimum due).

Resources

Admissions www.admissions.iastate.edu
  General Information .......................................................100 Enrollment Services Center ..........................294-5836
  Degree Audits .............................................................214 Enrollment Services Center ..........................294-0902
  Graduate College .........................................................1137 Pearson .........................................................294-4531
  International Students and Scholars .................................3248 Memorial Union .........................................................294-1120
  ISUCard Office ............................................................0530 Beardshear .........................................................294-2727
  Office of the Registrar www.iastate.edu/~registrar/
    Certifications .............................................................214 Enrollment Services Center ..........................294-1840
    Degree Audits .............................................................214 Enrollment Services Center ..........................294-0902
    Graduate College .........................................................1137 Pearson .........................................................294-4531
    Registrar’s Office Information ..................................214 Enrollment Services Center ..........................294-1840
    Registration .............................................................10 Enrollment Services Center ..........................294-2331
    Residency Status for Fees & Admission ..........................214 Enrollment Services Center ..........................294-0762
    Scheduling Changes ..................................................10 Enrollment Services Center ..........................294-2331
    Scheduling & Fees .....................................................10 Enrollment Services Center ..........................294-2331
    Student Records ........................................................214 Enrollment Services Center ..........................294-1840
    Transcripts .................................................................214 Enrollment Services Center ..........................294-1840
    Veterans Certification ..................................................214 Enrollment Services Center ..........................294-1840
    Veterans Services Center .............................................3578 Memorial Union .........................................................294-9801

College Student Services Offices
  Agriculture and Life Sciences ........................................20 Curtis .........................................................294-2766
  Business .................................................................1200 Gerdin .........................................................294-8430
  Design .................................................................297 College of Design .........................................................294-6883
  Engineering ............................................................2620 Engineering .........................................................294-3190
  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 ...................................................2840 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/

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

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

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

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

Business
1200 Gerdin 294-8430

Design
297 College of Design 294-6983

Engineering
2620 Howe 294-9225

Graduate College
1137 Pearson 294-4531

Human Sciences
0311 MacKay 294-6466

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

Veterinary Medicine
2540 Vet Med

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 cannot be used on a graduate degree program. Students who have earned a bachelor’s degree and wish to enroll in graduate level courses must apply as nondegree graduates if they have not been admitted to a graduate program. Only nine semester credits of graduate level courses taken as a nondegree graduate student may be applied toward a graduate degree if approved by the student’s program of study committee.

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

Undergraduate students, both nondegree and degree seeking:
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 515-294-2331, or e-mail reentry@iastate.edu. Return the completed form to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking students who have attended another college or university since their last enrollment at Iowa State must submit official transcripts of all course work attempted to the Office of the Registrar, 210 Enrollment Services Center.

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 International Students and Scholars, 3248 Memorial Union, by clicking on “Apply” under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. Visit iastate.edu/admissions/ for specific requirements for admission located at http://catalog.iastate.edu/admissions/. 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.

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 International Students and Scholars, 3248 Memorial Union, by clicking on “Apply” under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. Visit iastate.edu/admissions/ for specific requirements for admission located at http://catalog.iastate.edu/admissions/. 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.
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 view 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 315-294-7388.

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 2016 full-12 week classes is Wednesday, May 18.

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.

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 throughout 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.

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.

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 you 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 LTM without dropping all associated courses. |

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.

Web Resources

- 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
Adding and Dropping Courses

**Dropping and Adding Courses**

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

**Schedule change periods are as follows:**

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

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

- **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, 284-2331.

**Drop Limit**

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

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

Drops and other schedule changes that are judged to be beyond the student's control may be processed as administrative actions if approved as such by the college dean.

There is no schedule change fee for administrative schedule changes. Administrative drops do not count toward a student's ISU drop limit and 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.

**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.

**R-Credit Courses (required courses)**

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

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

**Fee Policies and Descriptions: 2015-2016**

- Developmental courses are assessed additional fees above and beyond tuition for other courses taken during the same term. Fee subject to change without notice.
  - Math 10 - $330
  - Chem 50 - $350
  - Eng 99L - $240
  - Eng 99R - $100
  - Eng 99S - $480
  - Span 97 - $325
- Distance education courses are assessed at the resident rate when it is the only course in a term or if the R-credit course is a co-op, internship or other practical experience.

**Summer 2016 Fee Schedule**

Tuition and fees are subject to change without notice. Enrollment is not complete until fees are paid. Tuition is charged at the per credit rate shown below. For more information, go to the ISU index under Fees.

**Tuition & Fees Schedule Per Semester**

In effect for Summer 2016. Subject to change without notice.

- Additional information:
  - Audits and zero credit courses: assessed according to contact hours; maximum charge for zero credit courses is three credit hours.
  - Continuous registration fee for graduate students: $70 Fall & Spring semesters only.
  - Partial credits (.5): assessed on the next larger whole number of credits; e.g., 0.5 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.

- Intermediate (partial-semester, between-terms), audit (zero-credit), and in absentia (research, away from campus study) courses are assessed fees as listed in the current fee schedule.

- One-half credits are assessed at the next larger whole number; e.g., 3 1/2 credits are assessed at the 4-credit rate.

- R-Credit (Required credit) coursework is assessed minimum tuition and fees equal to the 1 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to an R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.

- Workshop fee for one-credit workshops, with no other course enrollments, is $277 for undergraduate students and $444 for graduate students.

- Zero credit course is assessed based on contact hours with a maximum assessment of 3 credits.

- For students enrolled for less than a full course load and for the most current and complete information, see the Fee Schedule Per Credit list at [http://www.registrar.iastate.edu/fees/](http://www.registrar.iastate.edu/fees/).
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 (a-bill) electronically on AccessPlus, by dropping off a check (Include Name & ID #) in the drop box behind the Student Answer Center - Ground Floor - Beardshear Hall or in the south door of 1220 Beardshear Hall, or by mailing a check (Include Name & ID #) to the Treasurer’s Office 1220 Beardshear Hall - Ames, IA 50011-2094. 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 2540 Lincoln Way and then mail or drop off your payment. Payments must be received by the due date to avoid penalties. If you have questions regarding your U-Bill you can access your U-Bill on AccessPlus on computers conveniently located behind the Student Answer Center or contact the Receivables Office - 0880 Beardshear Hall - 515-294-7388.

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 4:30 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 advisor to discuss reasons for the withdrawal and alternatives. Should the student still wish to withdraw, the “Request for Withdrawal” form is initiated and submitted to the student’s college for approval. If approved, the student’s college will forward the withdrawal form to the Office of the Registrar. The student is then withdrawn from all courses based upon the withdrawal date on the form and tuition and fees are adjusted as appropriate according to established policies approved by the Board of Regents, State of Iowa. For further information go to the ISU index under Tuition and Fees.

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

If the procedures for withdrawing from the university are not followed, instructors will assign whatever grades or marks they consider appropriate. Since these grades may be Fs, students are warned that failure to follow the prescribed withdrawal procedures may adversely affect a later application for reentry or transfer to another institution. 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 registrations are based upon the following table for Summer 2016:

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Summer Session I</th>
<th>Summer Session II</th>
<th>Student Pays</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 19</td>
<td>June 16</td>
<td>Student</td>
<td>100%</td>
</tr>
<tr>
<td>May 21</td>
<td>June 18</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>May 26</td>
<td>June 23</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>May 28</td>
<td>June 25</td>
<td>75%</td>
<td></td>
</tr>
<tr>
<td>After May 27</td>
<td>After June 24</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

The Tuition Adjustment Schedule will be prorated 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 515-294-2331 or registrar@iastate.edu for questions or deadlines for courses offered during sessions that are not specifically listed on the Tuition Adjustment Schedule.

The tuition adjustment schedule for a schedule change is based on the effective date of the change. Fees are assessed based on the student’s total credit hours as of the set fee assessment date. During the summer term the set fee date will depend upon the length of the individual course in which the student is enrolled Students who drop below full-time before the set fee assessment date will receive a credit adjustment of 100%, with no adjustment after the term. Students who add courses anytime during the semester will be assessed tuition and fees if applicable according to the fee schedule. Contact the Scheduling and Fees area of the Office of the Registrar for deadlines related to specific courses.

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 they drop on or before the first day of classes, but will also receive a 90% adjustment if they drop on the second day of class and no adjustment after the second day of classes.

Past Due Accounts
Students having past due receivable charges may be dropped from enrollment for full 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 bill statement.

GLOSSARY OF FEES

Activity, Services, and Building Fee
The activity, services and building fee is a mandatory fee that supports a variety of activities and services for all full-time students. It is not based on whether or not a student uses an individual activity or service. This fee provides several benefits such as student admission rates to concerts and athletic events and unlimited use of CyRec. In addition, the fee provides support for campus recreation facilities, the Memorial Union, and campus organizations and services as allocated by the Government of the Student Body. Full-time students will be charged $325.70 each fall and spring semester, and all students will be charged $165.00 for the summer semester.

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 in 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, 75% 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 for rate for the major having the higher rate.

Graduation Fee
The $57.00 graduation fee is assessed to students when they submit an application for graduation. The fee partially covers the cost of such items as diplomas, transcripts, caps, gowns, processing, personnel, the commencement program booklet, postage and mailing costs of diplomas not distributed at commencement, and the implementation of a new degree audit system. This fee is non-refundable.

Health Facility Fee
All students are assessed an $8 health facility fee for Summer 2016, except for students exclusively registering for the following: distance education courses; (courses with sections beginning with an X); courses for which no tuition is assessed; continuous registration courses, graduate students enrolled in the CyberTrace program; or students exclusively registered for the following: CR FT 600, 601, Psych 597, 697; or high school students enrolled under the Postsecondary Enrollment Options Act. Note: The health facility fee is mandatory for all students enrolled in the Students’ and Scholars’ Health Insurance Plan including all international students on an assistantship. For students who withdraw or change to an exempt status as defined above, the tuition adjustment schedule will also be used for the health facility fee.

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.

Application Fee
A nonrefundable application fee must accompany the application for admission. The application fee for domestic students undergraduates is $40 and for graduates $60, the international application fee for undergraduates is $50 and for graduate students is $100.

Glossary of Fees

Other Tuition and Fees Information

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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 Thiel Student Health Center on a fee for service basis or may elect to pay the $49 Health Fee and $4 Health Facility Fee, which allows participants to receive services at the Thiel 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 Thiel Student Health Center must pay the $49 Health Fee and $4 Health Facility Fee.

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

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

Admissions Acceptance Fee
A nonrefundable application fee must accompany the application for admission. The application fee is $40 for domestic undergraduate, and $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 of Classes. For more information, contact the Registrar’s Graduation Office, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement.

Undergraduate Students
Applications are available from the adviser, college student services office, the Registrar’s Graduation Office, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The applications are due in 210 Enrollment Services Center by Friday, March 11. Students will be assessed a $75 nonrefundable graduation fee the tenth day of classes. (This fee is subject to change.)

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, 210 Enrollment Services Center, 515-294-9372 or e-mail graduation@iastate.edu.

Teacher Licensure
Students graduating with a teaching emphasis may obtain application forms for the Iowa Teachers License in the Human Sciences Student Services Office, 0331 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.

Graduation
Iowa State University 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 of 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, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The applications are due in 210 Enrollment Services Center by Friday, March 11. Students will be assessed a $75 nonrefundable graduation fee the tenth day of classes. (This fee is subject to change.)

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, 210 Enrollment Services Center, 515-294-9372 or e-mail graduation@iastate.edu.
Student Records

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

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

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). Undergraduates 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 catalog.iastate.edu.

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.

Veterans Educational Assistance
Students planning to receive Veterans Educational Assistance must provide enrollment information to the V.A. clerks in the Office of the Registrar, 214 Enrollment Services Center, when registration is complete or veterans enrollment certification will be canceled. Veterans must also notify the V.A. clerks when changing credit hours or withdrawing from school.

Credit hour requirements are:

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Graduated</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 cr.</td>
<td>9 cr.</td>
</tr>
<tr>
<td>9-11.5 cr.</td>
<td>7-8.5 cr.</td>
</tr>
<tr>
<td>6-8 cr.</td>
<td>5-6.5 cr.</td>
</tr>
<tr>
<td>1-3.5 cr.</td>
<td>1-4.5 cr.</td>
</tr>
</tbody>
</table>

Audited courses do not apply toward V.A. benefits.

Students receiving Veterans Educational Assistance are required by the V.A. to attend class regularly to maintain their V.A. eligibility. Instructors are obligated to notify the Office of the Registrar if a student receiving V.A. benefits is not attending class. Non-attestation 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, 515-294-3836. Iowa State will provide a paper copy of the information upon request.

Transcripts
An official transcript may be ordered through AccessPlus; the Office of the Registrar, 214 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 an unsatisfactory 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
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

For more complete information about Iowa State University’s grading system, please refer to the Academic Life section of the catalog at catalog.iastate.edu.

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 number 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, Suite 1010, 515-294-8833
- Flex-Care: Part time care for children of ISU students, 515-294-9838
- 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 ISU Card Office, 0350 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 returns, 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 0350 Beardshear. The cost is $15 per card and the cards expire every year on June 30.

Course Information

Course Title
LEGAL ENVIRONMT BUS
PREREQ: SOPH CLASSIFICATION

Department
ACCT

Course Number
215

Number of Credits
3 CR.

Special Notes:
(pro prerequisites, restrictions, etc)

Course RESTRICTED TO SOPH AND ABOVE
5277005 A MWF 9:00-9:50
5277010 B MWF 11:00-11:50

Reference Number

Days of the week Course meets:
Course meeting time
M- Monday
T- Tuesday
W- Wednesday
R- Thursday
F- Friday

Course Prerequisites
A prerequisite indicates the specific academic background or general academic maturity considered necessary for the student to be ready to undertake the course. Prerequisites are usually stated in terms of specific courses, but equivalent preparation is usually acceptable.

It is university policy that the instructor shall inform the students at the beginning of each course if students who have not met the prerequisite requirements must drop the course. Conversely, an instructor may waive the prerequisite for a course for which he or she is responsible. Thus, permission of the instructor is understood to be an alternate to the stated prerequisites in all courses.

Course prerequisites are listed in the Online Schedule ofClasses as well as in the Courses and Programs section of this publication.

Course Listing Information

The first line for each course includes the course title as it will appear on transcripts, department abbreviation, course number, and credits or range of credits for the course.

Course Numbering System
Courses are numbered from 1 to 699, as follows:

1-99: Does not carry credit toward a bachelor's degree.
100-299: Primarily for freshmen and sophomores.
300-499: Primarily for juniors and seniors.
500-599: Primarily for graduate students, but open to qualified undergrads.
600-699: For graduate students only.

Meeting Days and Times for Classes
Meeting days as well as class start and end times are listed in the course offerings section of this Schedule of Classes.
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 VA 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 website 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 or summer courses: Deadlines are determined based on the length of the course. For deadlines concerning partial term or summer courses, contact the Student Scheduling Office, 515-294-2331.

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

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

Courses Requiring Permission
Some courses are designated in the Schedule of Classes as permission required. Students may not use AccessPlus to register for these sections. To add 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 an 8 credit.

Credits Limits
For fall and spring semesters, the credit limit is 18 credits for undergraduates and 13 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.

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

Restrictions on students who are participating in distance learning. Instructors may audiotape courses for distance learning. Instructors may audiotape courses for audio accommodates. Distance courses may be audited as Pass-Not Pass. To audit a course, contact the student’s advisor and major professor, as they may take Pass-Not Pass. To take a course as 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 advisor major professor located in the Pass-Not Pass section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services Center. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to 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 Student 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 extraneous circumstances, students must obtain the designated departmental signature on a Schedule Change/Restriction Waiver form and process the form in the Registrar's Student Scheduling & Fees Office, 10 Enrollment Services Center.

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

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

Videotaping/Audiotaping Classes
Courses may be videotaped for various reasons, including distance learning. Instructors may audiotape courses for personal reasons. Audiotapes may be made to accommodate a student's disability. Students shall not record and/or reproduce such audiotapes without the instructor's permission.
### Summer Sessions Registration Trial Schedule Form (Time Grid)

<table>
<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>
<th>1:20 p.m.</th>
<th>2:30 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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<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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Notes

Adviser Signature: ____________________________ Date Approved: ____________________________
ACCOUNTING

LEGAL ENVIRONMENT BUS ACCT 215 3 CREDITS
Prereq: SOHP CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
Satisfactory-Fail Only.
5277005 A MTWRF 9:50-11:50
MEETS: MAY 16-JUNE 10

FINANCIAL ACCOUNTING ACCT 284 3 CREDITS
Prereq: COURSE NOT OPEN TO FIRST TERM FRESHMEN
Note: COURSE NOT OPEN TO FIRST TERM FRESHMEN
1110005 A MTWRF 9:50-11:50
MEETS: MAY 16-JUNE 10

MANAGERIAL ACCOUNTING ACCT 285 3 CREDITS
Prereq: ACCT 284
Note: COURSE NOT OPEN TO GRADUATE STUDENTS
1112005 A MTWRF 9:50-11:50
MEETS: JUNE 13-JULY 8

THE ACCOUNTING CYCLE ACCT 301 1 CREDIT
Prereq: ACCT 284
Note: COURSE RESTRICTED TO ACCT, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BUS, BU
AEROSPACE ENGINEERING (CONTINUED)

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

SPL TOP OPTIMIZATN AER E 590L 1- 5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NONDESTR EV AER E 590M 1- 5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WIND ENGINR AER E 590N 1- 5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

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

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

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

ENGINEERG INTERNSHP AER E 697 R CREDIT
Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF
Satisfactory-Fail Only.
1044005 ARRANGED
MEETS: MAY 16-AUG 5

DOCTORAL TECH COMM AER E 699B VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

AEROSPACE ENGINEERING (CONTINUED)

IND STU LAND&WATR E A B E 490L 1- 4 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

IND STU ADV MACH SY A B E 490M 1- 4 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN A B E 498 R CREDIT
Prereq: A B E 199, PERMISSION OF DEPT AND ENGINEERING CAREER SERVICES
***** SEE DEPT FOR REFERENCE NUMBERS

MASTER'S TECH COMM A B E 598 1 CREDIT
Satisfactory-Fail Only.
8332005 ARRANGED
MEETS: MAY 16-AUG 5

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

ENGINEERG INTERNSHP AER E 697 R CREDIT
Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF
Satisfactory-Fail Only.
1700005 ARRANGED
MEETS: MAY 16-AUG 5

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

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

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

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

RESEARCH PROCESS ENGR A B E 699U VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

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

AFRICAN AND AFRICAN AMERICAN STUDIES

INTRO AFRIC AMER ST AF AM 201 3 CREDITS
Note: Meets U.S. diversity reqmt
Instructor permission required 1st week.
8310005 1 MWF 9:50-11:50
8310010 2 MWF 9:50-11:50
8310015 3 MWF 9:50-11:50
8310020 4 MWF 9:50-11:50
8310025 5 MWF 9:50-11:50
8310030 6 MWF 9:50-11:50
8310035 7 MWF 9:50-11:50
8310040 8 MWF 9:50-11:50
8310045 9 MWF 9:50-11:50
8310050 10 MWF 9:50-11:50
8310055 11 MWF 9:50-11:50
8310060 12 MWF 9:50-11:50
8310065 13 MWF 9:50-11:50
8310070 14 MWF 9:50-11:50
8310075 15 MWF 9:50-11:50
8310080 16 MWF 9:50-11:50
8310085 17 MWF 9:50-11:50
8310090 18 MWF 9:50-11:50
8310095 19 MWF 9:50-11:50
8310100 20 MWF 9:50-11:50
8310105 21 MWF 9:50-11:50
8310110 22 MWF 9:50-11:50
8310115 23 MWF 9:50-11:50
8310120 24 MWF 9:50-11:50
8310125 25 MWF 9:50-11:50
8310130 26 MWF 9:50-11:50
8310135 27 MWF 9:50-11:50
8310140 28 MWF 9:50-11:50
8310145 29 MWF 9:50-11:50
8310150 30 MWF 9:50-11:50

INDEPENDENT STUDY AF AM 490 1- 3 CREDITS
Prereq: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR
AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM
Note: Instructor permission required.
8357005 ARRANGED
MEETS: MAY 16-AUG 5

RESEARCH AF AM 499 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL EDUCATION & STUDIES

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
Prereq: AGEDS 110
7586005 ARRANGED
MEETS: MAY 16-AUG 5

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
7603005 ARRANGED
MEETS: MAY 16-AUG 5

INTERNSHIP IN AGEDS AGEDS 412 2- 6 CREDITS
Prereq: JR/SR CLASSIFICATION
Note: Professional support fee $50.00
***** SEE DEPT FOR REFERENCE NUMBERS

FARM MGMT&OPERATION AGEDS 450 3 CREDITS
Prereq: ECON 235, ECON 330, JR CLASSIF IN AGEDS
Note: Professional support fee $520.00
***** SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL AND BIOSYSTEMS ENGINEERING

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

SUMMER INTERNSHIP A B E 396 R CREDIT
Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES
***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC A B E 398 R CREDIT
Prereq: A B E 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT HONORS A B E 490H 1- 4 CREDITS
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
***** SEE DEPT FOR REFERENCE NUMBERS
AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

IND STU BUS,PROD AG AGEDS 490C 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
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 EXTN,INT'L AGEDS 490D 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

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

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

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

IND STU ENVIR ISSU AGEDS 490F 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

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

INDEP STUDY HONORS AGEDS 490H 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY. PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
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 COMMUNITN AGEDS 490I 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

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

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS
Prereq: PERMISSION OF PROGRAM ADVISER, DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
8361005 ARRANGED
MEETS: MAY 16-AUG 5

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

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

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

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

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

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

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

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

SP TOP EXTENSION AGEDS 590J 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
********
SEE DEPT FOR REFERENCE NUMBERS

SP TOP INTNATL AG AGEDS 590K 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
********
SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

SPL TOP PROGRAM PLAN AGEDS 590L 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
********
SEE DEPT FOR REFERENCE NUMBERS

METHODS WORKSHOP AGEDS 593B 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1138005 ARRANGED
MEETS: MAY 16-AUG 5
Note: Materials fee $25.00
Tuition Category: Workshop

WORKSHOP EVALUATION AGEDS 593C 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2016.
COOPERATING TEACHER WORKSHOP.
1319005 1 MT 8:30-4:30
W 8:30-11:30
MEETS: JUNE 13-15
Note: SECTION 1 TOPIC: COOPERATING TEACHER IN TRAINING
IN AG ED
Materials fee $25.00
Tuition Category: Workshop

WKSHP BIOTECHNOLOGY AGEDS 593M 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2016
6536005 1 M 8:30-3:00
MEETS: JUNE 6-9
Note: SECTION 1: BEGINNING
Materials fee $25.00
Tuition Category: Workshop
6536010 2 M 8:30-3:00
MEETS: JUNE 20-23
Note: SECTION 2: ADVANCED
Materials fee $25.00
Tuition Category: Workshop

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

PRO INTERNSHIP AG ED AGEDS 617 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Professional support, field trips &/or travel fee $500.00
Satisfactory-Fail Only.
********
SEE DEPT FOR REFERENCE NUMBERS

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

AGRONOMY

INTRO WEATHER CLIMT AGRON 206 3 CREDITS
1397600 XW ARRANGED
MEETS: MAY 16-AUG 5
Note: Section XW is off campus
Course delivery is WWW

PROF DEVEL:WORK EXP AGRON 310 R CREDIT
Satisfactory-Fail Only.
1389005 ARRANGED
MEETS: MAY 16-AUG 5

PROFESNL INTERNSHIP AGRON 311 1 CREDIT
Prereq: AGRON 110, MAJOR IN AGRONOMY,
PRESMITION OF INSTRUCTOR BEFORE INTERNSHIP BEGINS
8173005 1 ARRANGED
MEETS: MAY 16-AUG 5

WORLD FOOD ISSUES AGRON 342 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO AGRON, CS A, CS H,
DIET, DIETN, FS A, FS H, NS A, NS H MAJORS ONLY
Meets international perspectives regmt
1402005 1 ARRANGED
MEETS: MAY 16-JULY 8
Note: Course delivery is WWW

COOPERATIVE EDUCATN AGRON 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
1411005 ARRANGED
MEETS: MAY 16-AUG 5

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

INDEP STUDY HONORS AGRON 490H 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION WITH AT LEAST 8 CR IN AGRON
INSTRUCTOR PERMISSION IN SPECIALTY AREA AFTER CONSULTATN
MEMBERSHIP IN HONORS PROGRAM
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

WSSHP BIOTECHNOLOGY AGRON 490H 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.
Section 1: Advanced
Materials fee $25.00
Tuition Category: Workshop
6536005 1 M 8:30-3:00
MEETS: JUNE 6-9
Note: SECTION 1: BEGINNING
Materials fee $25.00
Tuition Category: Workshop
6536010 2 M 8:30-3:00
MEETS: JUNE 20-23
Note: SECTION 2: ADVANCED
Materials fee $25.00
Tuition Category: Workshop

Creative Component AGRON 599 VAR. CREDITS
********
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH AGRON 699 VAR. CREDITS
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SEE DEPT FOR REFERENCE NUMBERS
AGRONOMY

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RESEARCH WEED SCI AGRON 699L | |  |

RESEARCH SEED SCI AGRON 699K | |  |

AMERICAN INDIAN STUDIES

INTR AM INDIAN STDY AM IN 210 | 3 | Meets U.S. diversity reqmt |

PEOPLE CUL NATV AM IN 322 | 3 |  |

AMERICAN SIGN LANGUAGE

AMER SIGN LANGUAG I ASL 105 | 4 |  |

AMER SIGN LANGUA II ASL 106 | 4 |  |

ANIMAL ECOLOGY

ECOLOGY A ECL 312 | 4 |  |

CREATIVE COMPONENT A ECL 599 | 3 |  |

TEACHING PRACTICUM A ECL 698 | 3 |  |

Note: Sections XW are off campus.
ANTHROPOLOGY  (CONTINUED)

| Course Code | Course Title | Credits | Prereq | Cost
|-------------|--------------|---------|--------|------
| ANTHR 434A | Internship Archaeol | 2-6 | Junior or Senior Standing |
| ANTHR 434B | Internship Cultrl A | 2-6 | Junior or Senior Standing |
| ANTHR 434C | Internship Biologc A | 2-6 | Junior or Senior Standing |
| ANTHR 490A | Independent Study | 1-5 | 9 Credits in Anthropology |
| ANTHR 490B | Independent Study | 1-5 | 9 Credits in Anthropology |
| ANTHR 490C | Independent Study | 1-5 | 9 Credits in Anthropology |
| ANTHR 490D | Independent Study | 1-5 | 9 Credits in Anthropology |
| ANTHR 490H | Independent Study | 1-5 | 9 Credits in Anthropology, Membership in the Honors Program |
| ANTHR 490I | Independent Study | 1-4 | Junior or Senior Classification and Permission of Instructor |
| ANTHR 522 | Peoples & Cult Natv N Amer | 3 | 201 or AM IN 210 |
| ANTHR 590 | Graduate Independent Study | 1-4 | Graduate Classification, Instructor Permission |
| ANTHR 590I | Graduate Independent Study | 1-4 | Graduate Classification, Instructor Permission |
| ANTHR 699 | Research | Var. | Permission of Instructor |

APPAREL, EVENTS & HOSPITALITY MGMT

| Course Code | Course Title | Credits | Prereq | Cost
|-------------|--------------|---------|--------|------
| AESHM 170D | Supreme Wrk Exp I | 1 | Permission by Application; Freshman Classification |
| AESHM 170F | Supreme Wrk Exp I | 1 | Permission by Application; Freshman Classification |
| AESHM 170N | Supreme Wrk Exp I | 1 | Permission by Application; Freshman Classification |
| AESHM 170P | Supreme Wrk Exp I | 1 | Permission by Application; Freshman Classification |
| AESHM 222 | Supreme Wrk Exp I | 3 | |
APPEAL, EVENTS & HOSPITALITY MGMT (CONTINUED)

SUP WRK EXP II: EVNT AESHM 270F  1- 2 CREDITS
Prereq: MINIMUM 2.0 GPA; PERMISSION BY
APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM, HSP M, OR EVENT
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION.
Instructor permission required.
1203005 ARRANGED
MEETS: MAY 16-AUG 5

SUP WRK EXP II: APFA AESHM 270N  1- 2 CREDITS
Prereq: MINIMUM 2.0 GPA; PERMISSION BY
APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM OR A M D
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
1270005 ARRANGED
MEETS: MAY 16-AUG 5

SUP WRK EXP II: ISU AESHM 270P  1- 2 CREDITS
Prereq: MINIMUM 2.0 GPA; PERMISSION BY
APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM OR A M D
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
1282005 ARRANGED
MEETS: MAY 16-AUG 5

AESTHTCS CNSMR EXPC AESHM 342  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity reqmt
4609005 A ARRANGED
MEETS: MAY 16-JULY 8
Note: Course delivery is WWW

U.S. FIELD STUDY AESHM 380  1- 3 CREDITS
Prereq: 9 CREDITS IN AESHM, HRI, EVENT, AND/OR A M D; SOPHOMORE CLASSIFICATION; MINIMUM 2.0 GPA. PERMISSION BY APPLICATION.
Note: Instructor permission required.
6627005 1 ARRANGED
MEETS: MAY 8-JUNE 10
Note: TRAVEL DATES - TO LOS ANGELES - ARE MAY 8-15. FINAL PROJECT DUE JUNE 12. FIELD TRIPS & TRAVEL FEE $1,600.00

COORDINATE EDUCATN AESHM 398  R CREDIT
Prereq: PERMISSION OF ADVISER; JR CLASSIFICATION
1002020 D ARRANGED
MEETS: MAY 16-AUG 5
Note: Instructor permission required.
1002025 E ARRANGED
MEETS: MAY 16-AUG 5
Note: Instructor permission required.
1002030 F ARRANGED
MEETS: MAY 16-AUG 5
Note: Instructor permission required.

INTERNSHIP HOSPITALITY AESHM 470D  3- 6 CREDITS
Prereq: AESHM 170, AESHM 311, 9 CREDITS IN A M D, 6 CR IN AESHM OR HSP M, MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP EVENT MGT AESHM 470F  3- 6 CREDITS
Prereq: AESHM 311
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

INTRNSHP ISU DINING AESHM 470P  3- 6 CREDITS
Prereq: AESHM 311, 9 CREDITS IN AESHM OR HRI, AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS
APPAREL, MERCHANDISING, AND DESIGN  (CONTINUED)

DIGITAL TXTL&AP DSN  A M D 521  3 CREDITS
Prereq: RESEARCH METHODS COURSE, PERMISSION
OF INSTRUCTOR
4170005  MTWF 8:30-12:15
ARRANGED
MEETS: JUNE 8-AUG 5
Note: THE SCHEDULED MEETINGS (8:30-12:15) WILL BE
JUNE 8-21 ONLY
Materials fee $25.00

SUSTAINABILITY:THEOR&APP  A M D 565  3 CREDITS
Prereq: 3 CR IN RESEARCH METHODS; BASIC
KNOWLEDGE OF APPAREL INDUSTRY AND PRODUCT
DEVELOPMENT; PERMISSION OF INSTRUCTOR
1853005  MTWF 1:00-5:00
ARRANGED
MEETS: JUNE 8-AUG 5
Note: THE SCHEDULED MEETINGS (1:00-5:00) WILL BE
JUNE 8-21 ONLY

SPL TOP TEXTILE SCI  A M D 590A VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST COSTUM  A M D 590E VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOC-PSY ASP  A M D 590F VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSMR BEHV  A M D 590G VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MERCANDSG  A M D 590I VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP CULTUR ANALY  A M D 590K VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS MUSEUMS  A M D 590M VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRODUCN MGT  A M D 590N VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TECH DESGN  A M D 590O VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  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

DSIGN THEORY&PROCES  A M D 625  3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8165005  MTWF 8:00-5:00
ARRANGED
MEETS: JUNE 15-AUG 5
Note: THE SCHEDULED MEETINGS (8-5) WILL BE ONE WEEK
ONLY
Materials fee $35.00

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

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

ARCHITECTURE

IND STDY 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

IND STDY 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

ARCHITECTURE  (CONTINUED)

IND STDY 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

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

INDEP STDY PRACTICE  ARCH 490F  1- 9 CREDITS
Prereq: APPROVAL OF INSTR & DEPT CHAIR ON REQ FORM
Note: Department permission required.
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY HONORS  ARCH 490H  1- 9 CREDITS
Prereq: APPROVAL OF INSTR & DEPT CHAIR ON REQ FORM
Note: Course restricted to honors program/program only
department permission required.
*******  SEE DEPT FOR REFERENCE NUMBERS

ARC DESIGN&MEDIA III  ARCH 507  5 CREDITS
Prereq: ARCH 506, ARCH 542, ARCH 596 AND
CONCURRENT ENROLLMENT IN ARCH 581
1300005  1 T 8:40-12:00
MWF 8:40-12:00
MEETS: MAY 16-JULY 8

STUDY ABROAD OPTIONS  ARCH 576  1-12 CREDITS
Note: Meets international perspectives reqmt
8672000 EN ARRANGED WHEELER A
MEETS: MAY 30-JUNE 10
Note: SEC EN TAUGHT IN LONDON, ENGLAND, TOPIC: COOL
STUDY ABOROAD SUMMER 2016. OFFERED FOR 3 CREDITS
Study Abroad Administrative Fee Applies

SERVICE LEARNING  ARCH 581  5 CREDITS
Prereq: Arch 506, 542 and Arch 596
1719005  1 MTW 1:40-4:00
R 1:10-4:00
MEETS: MAY 16-JULY 8

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

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

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

ART HISTORY

AMERICAN ART TO 1945  ART H 386  3 CREDITS
Note: Meets U.S. diversity reqmt
1734005 ARRANGED MEETS: MAY 16-JULY 8
Note: Course delivery is WWW

MUSEUM/GLLRY INTERN  ART H 497  1-6 CREDITS
Prereq: ADVANCED CLASSIFICATION IN A DEPT
CURRICULUM Satisfactory-Fail Only.
7821005 JC ARRANGED MEETS: MAY 16-JULY 8

ASTRONOMY & ASTROPHYSICS

NORTH STAR ASTRONOMY  ASTRO 102  1 CREDIT
Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
8059005 ARRANGED MEETS: JUNE 13-AUG 5
Note: Course delivery is WWW

EVENING STAR  ASTRO 103  1 CREDIT
Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
8260005 ARRANGED MEETS: JUNE 13-AUG 5
Note: Course delivery is WWW

SUMMER 2016 (CONTINUED)
BIOINFORMATICS & COMPUTATIONAL BIOLOGY

INDEPENDENT STUDY

BCBIO 490 1-5 CREDITS
Prereq: BCBIO 211, junior or senior classification. Permission of instructor. 
Note: Students in the LAS college may use no more than 9 credits of BCBIO 490 and 491 toward graduation.

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

INDEPENDENT STUDY

BCBIO 491 1-5 CREDITS
Prereq: BCBIO 490. Permission of instructor.
Note: Instructor permission required first week.

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

INDEPENDENT STUDY

BBM 590 1-5 CREDITS
Prereq: Permission of instructor.

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

COOPERATIVE EDUCATION

BCB 598 R CREDIT
Prereq: Permission of the program chair.

1828005 ARRANGED
MEETS: MAY 16-AUG 5

GRAD RESEARCH ROTAT

BBM 697 VAR. CREDITS
7827005 ARRANGED
MEETS: MAY 16-AUG 5

RESEARCH

BCB 699 VAR. CREDITS

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

BIOLICAL/PRE-MEDICAL ILLUSTRATION

INDEPENDENT STUDY

BIOL I 490 1-3 CREDITS
Prereq: Written approval of instructor & advisory committee.

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

ILLUSTRATION INTERN

BIOL I 497 1-6 CREDITS
Prereq: JR or SR classification in BPM I. Written approval of supervising instructor & advisory committee.

Note: Credit in BIOC 101 may not be applied toward BIOC major graduation requirements.

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

BIOLOGY

INTRODUCTORY BIOL

BIOL 101 3 CREDITS
Prereq: Credit in BIOL 101 may not be applied toward BIOL major graduation requirements.

2064005 A MWF 12:10-2:20
MEETS: JUNE 13-JULY 8

2064600 XW ARRANGED PLEASANTS J
MEETS: MAY 16-AUG 5

Note: Section XW is off campus.
Course delivery is WWW.

HUMAN BIOLOGY

BIOL 156 3 CREDITS
Prereq: HS biology & chemistry or BIOL 101.
Note: Credit in BIOL 156 may not be applied toward BIOL major graduation requirements.

7079600 XW ARRANGED BASTAWROS H
MEETS: MAY 16-AUG 5

Note: Section XW is off campus.
Course delivery is WWW.

ENVIRONMENTAL BIOLOGY

BIOL 173 3 CREDITS
Prereq: BIOL 101.
Note: Credit in BIOL 173 may not be applied toward BIOL major graduation requirements.

2015600 XW ARRANGED PLEASANTS J
MEETS: MAY 16-AUG 5

Note: Section XW is off campus.
Course delivery is WWW.

PRIN OF BIOLOGY I

BIOL 211 3 CREDITS
Prereq: High School Biology.

9468600 A MWF 9:50-11:50
MEETS: JULY 11-Aug 5

Section info: http://www.elo.iastate.edu
/biology-courses-information/

9468600 XW ARRANGED PLEASANTS J
MEETS: MAY 16-AUG 5

Note: Section XW is off campus.
Course delivery is WWW.

PRIN OF BIOLOGY II

BIOL 212 3 CREDITS
Prereq: High School Biology, 105, Chemistry or credit in enrollment in chem 105 or chem 17.

9469600 XW ARRANGED KUNDAL S
MEETS: MAY 16-AUG 5

Note: Section XW is off campus.
Course delivery is WWW.
BIOMEDICAL ENGINEERING

INDEPENDENT STUDY  B M E 490  1-6 CREDITS
Prereq: PERMISSION OF CHAIR FOR BIOENGINEERING MINOR

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

BIOMEDICAL SCIENCES

INDEPENDENT STUDY  B M S 490  1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

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

INDEP STUDY HONORS  B M S 490H  1-5 CREDITS
Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS

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

RES MTHD BIOMED SCI  B M S 501  3 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A B M S FACULTY MEMBER
6978005 ARRANGED
MEETS: MAY 16-Aug 5

SPCL TOPICS ANATOMY  B M S 590A  1-7 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

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

SPL TOPIC PHYSIOLOGY  B M S 590B  1-7 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

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

SPL TOPIC PHARMACOL  B M S 590C  1-7 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

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

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

SEMINAR  B M S 698B  1 CREDIT
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM,
Satisfactory-Fail Only.
6995005 ARRANGED
MEETS: MAY 16-JULY 8

RESEARCH ANATOMY  B M S 699A VAR. CREDITS
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM

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

RESEARCH PHYSIOLOGY  B M S 699B VAR. CREDITS
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM

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

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

BIORENEWABLE CHEMICALS

SPL TOP K-12 SCI ED  BR C 590K  2 CREDITS
9764005 1 ARRANGED
MEETS: JULY 4-22
9764010 2 ARRANGED
MEETS: JUNE 6-JULY 22

BIORENEWABLE RESOURCES & TECHNOLOGY

SPECIAL TOPICS  BRT 590  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR OR MAJOR PROF

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

BIORNWBL RSOURC LAB  BRT 592L  1 CREDIT
Prereq: GRADUATE CLASSIFICATION, UNDERGRADUATES
WITH INSTRUCTOR APPROVAL
3016005 T 8:00-10:50
MEETS: MAY 16-Aug 5
**BIORENEWABLE RESOURCES & TECHNOLOGY** (CONTINUED)

RESEARCH

BRT 699 VAR. CREDITS
Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR

**SEE DEPT FOR REFERENCE NUMBERS**

**BUSINESS ADMINISTRATION**

CAREER & EMPLOYMENT PREP

BUSAD 203 1 CREDIT
Prereq: BUSAD 101 OR BUSAD 102
8860005 A TR 9:50-10:50
MEETS: MAY 16-JULY 8

INTRO TO BUSINESS

BUSAD 250 3 CREDITS
Prereq: COM S 113X
8807005 A1 MTWR 12:10-2:10
Note: SECTION A1 RESTRICTED TO BUSINESS COLLEGE UNDERGRADS ONLY
8807010 A2 MTWR 12:10-2:10
MEETS: MAY 16-JUNE 10
Note: SECTION A2 RESTRICTED TO UNDERGRADS IN COLLEGES OTHER THAN BUSINESS

EXP DOMESTIC INTERNS

BUSAD 291A 1-3 CREDITS
Prereq: WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
Note: COURSE RESTRICTED TO BUSINESS COLLEGE FRESHMEN THROUGH SENIORS
Satisfactory-Fail Only.

**SEE DEPT FOR REFERENCE NUMBERS**

COOPERATIVE EDUC

BUSAD 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT
Note: NO MORE THAN 3 ADDITIONAL CREDITS MAY BE TAKEN IN SAME SEMESTER AS BUSAD 398
Satisfactory-Fail Only.
6147005 ARRANGED
MEETS: MAY 16-AUG 5
Note: Permission of coordinator required.

INDEPENDENT STUDY ENTREPRENEURSHIP

BUSAD 490E 1-3 CREDITS
Prereq: SENIOR CLASSIFICATION; PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2016
3635005 ARRANGED
MEETS: MAY 16-AUG 5

INDEPENDENT STUDY

BUSAD 490G 1-3 CREDITS
Prereq: ACCEPTANCE IN PROFESSIONAL PROGRAM IN BUSINESS; PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
3634005 ARRANGED
MEETS: MAY 16-AUG 5

INDEPENDENT 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**

EXP DOMESTIC INTERNSHIPS

BUSAD 491A 1-3 CREDITS
Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS, WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
Note: COURSE NOT OPEN TO P BUS INSTRUCTOR permission required.
Satisfactory-Fail Only.

**SEE DEPT FOR REFERENCE NUMBERS**

EXP INT’L INTERNSHIPS

BUSAD 491B 1-3 CREDITS
Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS, WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
Note: Instructor permission required.
Satisfactory-Fail Only.
**SEE DEPT FOR REFERENCE NUMBERS**

EXPERIENTIAL LEARNING

BUSAD 491E 1-3 CREDITS
Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS; WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
Department permission required.
7515257JE ARRANGED
MEETS: JULY 31-AUG 5

PRO EXPERIENTIAL LEARNING

BUSAD 591 1-3 CREDITS
Prereq: GRADUATE STANDING; WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE

**SEE DEPT FOR REFERENCE NUMBERS**

BUSINESS ADMINISTRATION

COOPERATIVE EDUCATION

BUSAD 598 R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
Satisfactory-Fail Only.
7906005 ARRANGED
MEETS: MAY 16-AUG 5

CREATIVE COMP ACCOUNTING

BUSAD 599A 3 CREDITS
Prereq: GRAD CLASSIFI, PERMISSION OF SUPERV CHAIR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

**SEE DEPT FOR REFERENCE NUMBERS**

CREATIVE COMP FINANCING

BUSAD 599C 3 CREDITS
Prereq: GRAD CLASSIFI, PERMISSION OF SUPERV CHAIR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

**SEE DEPT FOR REFERENCE NUMBERS**

CREATIVE COMP MARKETING

BUSAD 599F 3 CREDITS
Prereq: GRAD CLASSIFI, PERMISSION OF SUPERV CHAIR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

**SEE DEPT FOR REFERENCE NUMBERS**

CREATIVE COMPONENTS AND MANAGEMENT

BUSAD 599G 3 CREDITS
Prereq: GRAD CLASSIFI, PERMISSION OF SUPERV CHAIR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

**SEE DEPT FOR REFERENCE NUMBERS**

CHEMICAL ENGINEERING

COOPERATIVE EDUCATION

CH E 298 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND CAREER SERVICES

**SEE DEPT FOR REFERENCE NUMBERS**

CHEMICAL ENGINEERING LAB

CH E 325 2 CREDITS
Prereq: CH E 357, CREDIT OR ENROLLMENT IN CH E 381
Note: Instructor permission required 1st week.
5699005 A MTWR 9:00-12:00
MTWR 1:00-5:00
MEETS: MAY 16-JUNE 10
Note: Materials fee $65.00

SUMMER INTERNSHIP

CH E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT EACH TIME TAKEN

**SEE DEPT FOR REFERENCE NUMBERS**

COOPERATIVE EDUCATION

CH E 398 R CREDIT
Prereq: CH E 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

**SEE DEPT FOR REFERENCE NUMBERS**

CHEMICAL ENGINEERING LAB II

CH E 426 2 CREDITS
Prereq: CH E 325, CH E 358, CH E 382
Note: CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH, MAY BE APPLIED TOWARDS GRADUATION.
RESTRICTED TO CH E SENIORS GRADUATING SUMMER 2016.
Instructor permission required 1st week.
2448005 A MTWR 9:00-12:00
MTWR 1:00-5:00
MEETS: MAY 16-JUNE 10
Note: Materials fee $70.00

UG RESRCH/IND STUDY

CH E 490 1-6 CREDITS
Prereq: PERMISSION OF DEPARTMENT
Note: NO MORE THAN 6 CREDITS OF CH E 490 MAY BE APPLIED TOWARDS GRADUATION AS TECHNICAL ELECTIVES

**SEE DEPT FOR REFERENCE NUMBERS**

INDEPENDENT STUDY HONORS

CH E 490H 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY

**SEE DEPT FOR REFERENCE NUMBERS**

COOPERATIVE EDUCATION

CH E 499 R CREDIT
Prereq: CH E 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

**SEE DEPT FOR REFERENCE NUMBERS**

RESEARCH

BUSAD 699 3-6 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

**SEE DEPT FOR REFERENCE NUMBERS**
## CHEMISTRY

### COLLEGE CHEMISTRY I

**CHEM 163** 4 CREDITS  
Prereq: 1 YR H.S. ALGEBRA AND GEOMETRY; CHEM 50 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR ENROLLMENT IN CHEM 163. Note: MUST BE ACCOMPANYED BY CHEM 163L UNLESS STUDENT ALREADY HAS CREDIT IN 163L. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LAB) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201.  

<table>
<thead>
<tr>
<th>Section</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
</table>

### GENERAL CHEM LAB I

**CHEM 163L** 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 163. Note: MUST BE ACCOMPANYED BY CHEM 163L UNLESS STUDENT ALREADY HAVE CREDIT IN 163L. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LAB) MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 201L.  

<table>
<thead>
<tr>
<th>Section</th>
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<th>Days</th>
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<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
</table>

### GENERAL CHEMISTRY I

**CHEM 177** 4 CREDITS  
Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR 1 YR H.S. CHEM, CR OR ENROLLMENT IN CHEM 177. CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201. Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LAB) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201.  

<table>
<thead>
<tr>
<th>Section</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>2495005</td>
<td>1</td>
<td>TR</td>
<td>9:50-10:50</td>
<td>MEETS: MAY 16-JULY 8</td>
<td>Section info: <a href="http://avogadro.chem.iastate.edu/chem177">http://avogadro.chem.iastate.edu/chem177</a></td>
</tr>
</tbody>
</table>

### LAB GENERAL CHEM I

**CHEM 177L** 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 177. Note: CHEM 177L MUST BE ACCOMPANYED 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 201L.  

<table>
<thead>
<tr>
<th>Section</th>
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<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>2496005</td>
<td>1</td>
<td>TR</td>
<td>11:00-12:00</td>
<td>MEETS: MAY 16-JULY 8</td>
<td>Note: Materials and equipment use fee $90.00</td>
</tr>
<tr>
<td>2496010</td>
<td>2</td>
<td>TR</td>
<td>11:00-12:00</td>
<td>MEETS: MAY 16-JULY 8</td>
<td>Note: Materials and equipment use fee $90.00</td>
</tr>
<tr>
<td>2496015</td>
<td>3</td>
<td>TR</td>
<td>11:00-12:00</td>
<td>MEETS: MAY 16-JULY 8</td>
<td>Note: Materials and equipment use fee $90.00</td>
</tr>
</tbody>
</table>

### ELEM ORGANIC CHEM

**CHEM 231** 3 CREDITS  
Prereq: 163, 163L, OR 177, 177L; CR OR ENR IN 231L. Note: CREDIT FOR EITHER CHEM 231 OR BBMB 221, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER CHEM 231 (AND 231L) OR CHEM 331 (AND 331L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  

<table>
<thead>
<tr>
<th>Section</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
</table>
**CHEMISTRY (CONTINUED)**

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 231L
Note: CREDIT FOR EITHER CHEM 331L OR CHEM 231L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

7900015 1 MWF 9:50-12:50
MEETS: MAY 16-JULY 8
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu
Syllabus: http://avogadro.chem.iastate.edu/chem231

7900010 2 TR 9:50-12:50
MEETS: MAY 16-JULY 8
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu
Syllabus: http://avogadro.chem.iastate.edu/chem231

FRESH&SOH RESEARCH CHEM 299 VAR. CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WHOCH 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 331L (AND 331L2) OR CHEM 231 (AND 231L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

2516005 MTWRF 8:40-9:40
MEETS: MAY 16-JULY 8
Section info: http://avogadro.chem.iastate.edu
Syllabus: http://avogadro.chem.iastate.edu/chem331

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
Prereq: CHEM 178L; 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 MWF 9:50-12:50
MEETS: MAY 16-JULY 8
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu
Syllabus: http://avogadro.chem.iastate.edu/chem331

ORGANIC CHEMISTRY II CHEM 332 3 CREDITS
Prereq: CHEM 331L. ENROLLMENT IN CHEM 332L HIGHLY RECOMMENDED

2517005 MTWRF 12:10-1:10
MEETS: MAY 16-JULY 8
Section info: http://avogadro.chem.iastate.edu
Syllabus: http://avogadro.chem.iastate.edu/chem332

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT
Prereq: CHEM 331L, CR OR ENROLLMENT IN CHEM 332
Note: CREDIT IN CHEM 332L OR CHEM 332L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

5272005 1 TR 8:40-11:40
MEETS: MAY 16-JULY 8
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu
Syllabus: http://avogadro.chem.iastate.edu/chem332

5272010 2 TR 11:20-2:20
MEETS: MAY 16-JULY 8
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu
Syllabus: http://avogadro.chem.iastate.edu/chem332

**CIVIL ENGINEERING**

COOPERATIVE EDUC C E 298 R CREDIT
Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES
****** SEE DEPT FOR REFERENCE NUMBERS

PRIN ENVIRONMT ENGR C E 326 3 CREDITS
Prereq: CHEM 177 OR 178, MATH 166, CREDIT OR ENROLLMENT IN CHEM 326

2284005 1 MR 2:30-4:10
MEETS: JUNE 13-AUG 5
Section info: http://avogadro.chem.iastate.edu
Syllabus: http://avogadro.chem.iastate.edu/chem326

STRUCTURAL ANALYSIS I C E 332 3 CREDITS
Prereq: E M 324

2285005 1 MWF 7:30-8:30
TR 7:30-9:40
MEETS: MAY 16-JULY 8

REIN CONCRETE DSN I C E 334 3 CREDITS
Prereq: C E 322, E M 329

2287005 1 MWF 7:30-8:30
MEETS: MAY 16-JULY 8

GEOTECHNICAL ENGRNRG C E 360 3 CREDITS
Prereq: E M 324, CREDIT OR ENROLLMENT IN GEOL 201

2291005 1 MW 2:10-3:10
MN 3:20-6:20
F 2:20-4:10
MEETS: JUNE 13-AUG 5
Note: Materials fee $40.00

DESIGN OF CONCRETES C E 382 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 360

2294005 1 MR 2:30-4:10
MEETS: MAY 16-JULY 8
Note: Materials fee $40.00
CIVIL ENGINEERING (CONTINUED)

SUMMER INTERNSHIP C E 396 R CREDIT
Prereq: PERMISSION OF DEPT AND ENGR CAREER
SERVICES, COMPLETION OF 2 TERMS IN RESIDENCE IN CIVIL
ENGR, EMPLOYMENT IN CIVIL ENGR OR RELATED FIELD
Satisfactory-Fail Only.

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

COORDINATE EDUC C E 398 R CREDIT
Prereq: 298, PERMISSION OF DEPARTMENT 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

INDEPENDENT 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

COORDINATE EDUC C E 498 R CREDIT
Prereq: 398, PERMISSION OF DEPARTMENT AND
ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

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

SPECIAL TOPICS C E 590 1- 5 CREDITS

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

SPL TOP ADV BLDG CN C E 594L 1- 3 CREDITS
Prereq: CON E 322, CON E 340 OR C E 396, AND
PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2016
2186005 TR 9:00-12:00
MEETS: MAY 16-JULY 8

CREATIVE COMPONENT C E 599 1- 3 CREDITS

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

ADVANCED TOPICS C E 690 1- 3 CREDITS
Prereq: PRE-ENROLLMENT CONTRACT REQUIRED

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

ENGINEER INTERNSHIP C E 697 R CREDIT
Prereq: PERMISSION OF COOP ADVISER, GRAD CLASSIF
Note: Department permission required.
Satisfactory-Fail Only.
7416005 ARRANGED
MEETS: MAY 16-AUG 5

RESEARCH C E 699 VAR. CREDITS

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

CLASSICAL STUDIES

INDEPENDENT STUDY CL ST 490 1- 6 CREDITS
Prereq: 7 CR IN CL ST AT 200 LEVEL OR HIGHER;
PERMISSION OF THE PROGRAM CHAIR

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

COMMUNICATION DISORDERS

COMMUNAC WITH DEA FD CMDIS 286 3 CREDITS
Note: Meets U.S. diversity reqmt
2612600 XW ARRANGED
MEETS: MAY 16-JUNE 24
Note: Section XW is off campus
Course delivery is WWW

LANG&RDG DEVEL CHILD CMDIS 471 3 CREDITS
Prereq: 275 OR PSYCH 230 OR ENGL 219
2618600 XW ARRANGED
MEETS: MAY 16-JUNE 24
Note: Section XW is off campus
Course delivery is WWW

COMMUNICATION STUDIES

INTRO COMMUNIC STDI COMST 101 3 CREDITS
7918005 MTWRF 2:10-4:10
MEETS: MAY 16-JUNE 10

INTRO INTERPRS COMM COMST 102 3 CREDITS
8105005 1 MTWRF 9:00-11:50
MEETS: MAY 16-JUNE 6

INTRO COM RSRCH MTD COMST 203 3 CREDITS
5123005 1 MTWRF 8:40-9:40
MEETS: MAY 16-JULY 8

COMMUNICATION STUDIES (CONTINUED)

PROFESSIONAL COMMUNIC COMST 214 3 CREDITS
9183605 XV ARRANGED ODENWELLER K
MEETS: MAY 16-JUNE 10
Note: Section XV is off campus
Course delivery is WWW

HUMAN COMMUNIC THY COMST 301 3 CREDITS
Prereq: COMST 101
6593005 MTWRF 9:50-11:50
MEETS: MAY 16-JUNE 10

INDEPENDENT STUDY COMST 490 1- 3 CREDITS
Prereq: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION
Note: Instructor permission required.

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

RESEARCH PRACTICUM COMST 491 VAR. CREDITS
Prereq: COMST 203, COMST 301, AND PERMISSION
OF INSTRUCTOR

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

PROFESSIONAL INTERNSHIP COMST 497 1- 3 CREDITS
Note: Instructor permission required.

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

SPECIAL TOPICS COMST 590 1- 4 CREDITS
Prereq: Instructor permission required.

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

COMMUNITY & REGIONAL PLANNING

PRACTICUM C R P 330 1- 3 CREDITS
Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING
Satisfactory-Fail Only.
2386005 ARRANGED
MEETS: MAY 16-AUG 5

PRO WORK EXPERIENCE C R P 410 R CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR
2710005 ARRANGED
MEETS: MAY 16-AUG 5

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

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

INDEPENDENT STUDY HONORS C R P 490H 1- 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
DEPARTMENT CHAIR ON REQUIRED FORM, MEMBERSHIP IN
UNIVERSITY HONORS PROGRAM.
Note: RESTRICTED TO MEMBERS OF UNIV HONORS PROGRAM ONLY
Instructor permission required 1st week.

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

INDEPENDENT STUDY C R P 510 R CREDIT
Prereq: PERMITION OF DEPARTMENT CHAIR

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

PRACTICUM C R P 530 1- 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN C R P
Satisfactory-Fail Only.
2405005 ARRANGED
MEETS: MAY 16-AUG 5

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

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

SPL TOPC ECON DEVEL C R P 590B 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.

Field trips & travel fee $25.00-$1,000.00

******* 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.

Field trips & travel fee $25.00-$1,000.00

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

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

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

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

SPL TP SPATIAL AN MTH C R P 5900 1-3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

PRO PLANNING REPORT C R P 599 VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH C R P 699 VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY LEADERSHIP AND PUBLIC SERVICE

CAMPUS LDRSHP DEVEL, CL PS 270 3 CREDITS
9524005 A MTWRF 11:00-12:00
MEETS: JUNE 13-AUG 5
Note: SECTION A FOR APEX PROGRAM STUDENTS ONLY

LDRSHP DIVERSE SOCI CL PS 322 3 CREDITS
Note: Meets U.S. diversity reqmt 4949600 XW ARRANGED MANNING-OUELLETT
MEETS: JUNE 13-AUG 5
Note: Section XW is off campus
Course delivery is WWW

COMPUTER ENGINEERING

DIG LOGG, PROCOR, P I C R P 288 4 CREDITS
Prereq: SOPHOMORE CLASSIFICATION 7321005 A MTWRF 12:10-1:10 MW 12:10-1:10
MEETS: MAY 16-JULY 8
7321010 B MTWRF 9:50-10:50 TR 9:50-10:50
MEETS: MAY 16-JULY 8
EMBEDDE SYS I:INTRO C R P 288 4 CREDITS
Prereq: CPR E 281, COM E 207 OR 227 OR E E 285 3364005 A MTWRF 8:40-9:40
TR 12:10-2:10
MEETS: MAY 16-JULY 8
3364010 B MTWRF 8:40-9:40 MW 12:10-1:10
MEETS: MAY 16-JULY 8
COOPERATIVE EDUCATN C R P 289 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP C R P E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN C R P E 398 R CREDIT
Prereq: 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY C R P E 490 VAR. CREDITS
Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR MEMBERSHIP IN ONLY HONORS PROGRAM
Note: Course restricted to honors program students only
Department permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY C R P E 490H VAR. CREDITS
Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR MEMBERSHIP IN ONLY HONORS PROGRAM
Note: Course restricted to honors program students only
Department permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN C R P E 498 R CREDIT
Prereq: 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS C R P 590 1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT C R P 599 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING INTERNSHIP C R P E 697 R CREDIT
Note: Instructor permission required.

APP COMPUTER PROGRAM C R P 107 3 CREDITS
2674005 A ARRANGED MEETS: MAY 16-JULY 8
Note: Course delivery is WWW

INTRO SPROH4DATABASE C R P 111 3 CREDITS
Note: CREDIT FOR EITHER COM S 103 OR COM S 111/COM S 113, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
2673005 1 ARRANGED MEETS: JUNE 13-AUG 5
Note: Course delivery is WWW
Section info: http://www.cs.iastate.edu/~cs103w

FUND CPTER PROGRMN C R P 207 3 CREDITS
Prereq: MATH 150 OR PLACEMENT INTO MATH 140/MATH 141/MATH 142/MATH 145X OR HIGHER
Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
9235005 A MTWRF 11:00-12:00 TR 12:10-2:10
MEETS: JUNE 13-AUG 5

INTRO OBJECT ORIENT PRG C R P 227 4 CREDITS
Prereq: PLACEMENT INTO MATH 143, MATH 145, OR HIGHER, RECOMMENDED: A HIGH SCHOOL OR COLLEGE COURSE IN PROGRAMMING OR EQUIVALENT EXPERIENCE.
Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
9237005 A MTWRF 9:50-10:50 TR 12:10-2:10
MEETS: MAY 16-JULY 8

INTRO DATA STRUCTUR C R P 228 3 CREDITS
Prereq: C- OR BETTER IN 227, CREDIT OR ENROLLMENT IN MATH 145
9238005 A MTWRF 11:00-12:00 TR 12:10-2:10
MEETS: MAY 16-JULY 8
CRIMINAL JUSTICE STUDIES (CONTINUED)

PHILOSOPHY OF LAW CJ ST 332 3 CREDITS
Prereq: PHIL 201 OR 230
Note: Instructor permission required 1st week.

2578005 A MTWRF 8:40-10:40
MEETS: MAY 16-JUNE 10

FINISH, CORRECT & SOCIE CJ ST 352 3 CREDITS
Prereq: 240 OR 241

7762600 WX ARRANGED DELISI M
MEETS: MAY 16-JUNE 10
Note: Section XW is off campus
Course delivery is WWW

CRIM & JUV JUST PRAC CJ ST 460 3-12 CREDITS
Prereq: Jr or Sr Classification, permission of CJ ST Coordinator; Major or Minor in SOC, or CJ ST Minor
Note: No more than 12 credits of field experience (SOC 454 & SOC/CJ ST 460) may be applied toward graduation. No credits in SOC 454 & SOC/CJ ST 460 may be used to satisfy minimum sociology requirements for sociology majors.

Satisfactory-Fail Only.

2581005 A ARRANGED
MEETS: MAY 16-AUG 5

CURRICULUM & INSTRUCTION

RDG & LANG ARTS K-3RD C I 377 4 CREDITS
Prereq: C I 245, SP ED 250, HD FS 226 (EL ED MAJORS) or 221 (ECE MAJORS); Concurrent enrollment in 449, 468A, 468B, 468C (EL ED MAJORS); HD FS 343 (ECE), Admission to Teacher ED Program
Note: Course restricted to EL ED and ECE Majors with full or tentative admission to the University Teacher Education Program. Take concurrently with 468A, 468B, 468C.

2066005 1 MTWRF 8:00-11:40
MEETS: MAY 9-JUNE 2

RDG & LANG ARTS 4TH-6 C I 378 4 CREDITS
Prereq: 377; Concurrent enrollment in 449, 468A, 468B
Note: Take concurrently with 468D, 378, 468B.
Restricted to EL ED MAJORS with full or tentative admission to the University Teacher Education Program. Department permission required 1st week.

2078005 1 MTWRF 8:00-11:40
MEETS: MAY 9-JUNE 2

INTRO MLT CULTRL FND C I 406 3 CREDITS
Prereq: 201 OR 202, 332 OR 333, Junior Classification, Admission to Teacher ED Program
Note: Restricted to students with full or tentative admission to the University Teacher Education Program. Meets U.S. diversity reqmt

6292005 1 MTWRF 2:30-5:00
MEETS: JUNE 13-JULY 8

PRINCIPL SECNDY ED C I 426 3 CREDITS
Prereq: 202, Sr Classification, Admission to Teacher Education Program
Note: Restricted to students with full or tentative admission to the University Teacher Education Program

6293005 1 MTWRF 12:00-2:15
MEETS: MAY 16-JUNE 10

TCHG OF SOCI STUDIES C I 443 3 CREDITS
Prereq: 377
Note: Course restricted to EL ED, ECE Majors

3258005 MTWRF 3:00-5:30
MEETS: MAY 16-JUNE 10

TCHING CHILD&MATH C I 448 3 CREDITS
Prereq: MATH 191, 192, Concurrent Enrollment in C I 377, 468A, 468C
Note: Course restricted to EL ED Majors only
Must be taken concurrently with 468C, 377, 468A.
Department permission required 1st week.

3260005 1 MTWRF 12:00-3:10
MEETS: MAY 9-JUNE 3

TEACHING OF SCIENCE C I 449 3 CREDITS
Prereq: 377, Concurrent Enrollment in 378, 468B

3261005 MTWRF 12:00-3:10
MEETS: MAY 9-JUNE 3

LIT & LANG ASESMT C I 452 3 CREDITS
Prereq: 378 OR EQUIV; Special Educ Majors Must Register Concurrently for SP ED 365 and SP ED 436

6584005 1 MTWRF 9:00-10:15
MTWRF 12:00-2:00
ARRANGED
MEETS: MAY 31-JUNE 30
Note: The 9:10-11 A.M. TUTORING WILL BE JUNE 6-24 ONLY. ARRANGED REPRESENTS ONLINE WORK.
CURRICULUM & INSTRUCTION (CONTINUED)

EMERG TOPC DGTLC TEC C I 454 1-3 CREDITS
Prereq: 201 OR 202
Note: Course only offered for 1 credit Summer 2016
9436005 1 ARRANGED
MEETS: JUNE 6-17
RDNG&LANGUAG TCHNL C I 456 3 CREDITS
Prereq: 201 OR 202, 377
Note: Department permission required 1st week.
3257005 1 MTWR 2:30-6:30PM
MEETS: MAY 9-20
EXP II:PRI RDG&LANG C I 468A 1 CREDIT
Prereq: FULL ADMISSION TO THE UNIVERSITY
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL
OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
EDUCATION PROGRAM. TAKE CONCURRENTLY WITH 377,
448,468C.
Department permission required 1st week.
Satisfactory-Fail Only.
3265005 1 MTWR 8:00-1:30
MEETS: JUNE 3-7
Note: DOES NOT INCLUDE TRAVEL TIME - MUST ALLOW
ADDITIONAL TIME FOR TRAVEL TO SCHOOL SITE.
THE JUNE 3 MTG IS AN ORIENTATION ON ISU CAMPUS.
Professional support, field trips 4/or
travel fee $75.00
EXP II:RDG&LANG 4-6 C I 468B 1 CREDIT
Prereq: FULL ADMISSION TO THE UNIVERSITY
Note: RESTRICTED TO EL ED MAJORS WITH FULL
OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
EDUCATION PROGRAM. MUST BE TAKEN CONCURRENTLY WITH
448,468A,377.
Department permission required 1st week.
Satisfactory-Fail Only.
3266005 1 MTWR 7:30-12:30
MEETS: JUNE 3-JULY 8
Note: Professional support, field trips 4/or
travel fee $75.00
EXP II:MATH PRIMARY C I 468C 1 CREDIT
Prereq: FULL ADMISSION TO THE UNIVERSITY
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL
OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
EDUCATION PROGRAM. ADMISSION TO THE UNIVERSITY TEACHER
EDUCATION PROGRAM. MUST BE TAKEN CONCURRENTLY WITH
448,468A,377.
Department permission required 1st week.
Satisfactory-Fail Only.
3267005 1 MTWR 7:30-12:30
MEETS: JUNE 3-JULY 8
Note: Professional support, field trips 4/or
travel fee $75.00
EXPRNCE II: SCI 4-6 C I 468D 1 CREDIT
Prereq: FULL ADMISSION TO THE UNIVERSITY
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL
OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
EDUCATION PROGRAM. RESTRICTED TO EL ED MAJORS WITH FULL
OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
EDUCATION PROGRAM. MUST BE TAKEN CONCURRENTLY WITH
448,468A,377.
Department permission required 1st week.
Satisfactory-Fail Only.
4300005 1 MTWR 7:30-12:30
MEETS: JUNE 3-JULY 8
Note: Professional support, field trips 4/or
travel fee $75.00
SUPVS TUTOR READING C I 488 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN OR COMPLETION
OF ONE COURSE IN CORRECTIVE READING; DIAGNOSIS AND
CORRECTION OF LEARNING PROBLEMS
9461005 1 MTWR 8:00-11:00
ARRANGED
MTWR 9:00-10:15
MEETS: MAY 31-JUNE 30
Note: THE EXPERIENCE PORTION OF THE COURSE -
9:00-10:15 - WILL MEET JUNE 6-23
Materials and equipment use fee $25.00
CURRICULUM & INSTRUCTION (CONTINUED)

INDEP STDY MUSIC ED C I 490A VAR. CREDITS
Prereq: GPA of 2.5 OR MORE FOR PRECEDING SEMESTER
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU PRIN EDUC C I 490D 1-3 CREDITS
Prereq: GPA of 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY METHD TCHNG C I 490E 1-3 CREDITS
Prereq: GPA of 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY EDUC PSYCH C I 490F 1-3 CREDITS
Prereq: GPA of 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU DIGITL LNRG C I 490G 1-3 CREDITS
Prereq: GPA of 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU HIST/SOC SC C I 490K 1-3 CREDITS
Prereq: GPA of 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU LITERACY ED C I 490L 1-3 CREDITS
Prereq: GPA of 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU MATH ED C I 490M 1-3 CREDITS
Prereq: GPA of 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU WORLD LNRG C I 490N 1-3 CREDITS
Prereq: GPA of 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU FOUND EDUC C I 490O 1-3 CREDITS
Prereq: GPA of 2.5 OR MORE FOR PRECEDING SEMESTER
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY SCI ED C I 490P 1-3 CREDITS
Prereq: GPA of 2.5 OR MORE FOR PRECEDING SEMESTER
2667171 KS ARRANGED
MEETS: MAY 16-AUG 5
2667172 MT ARRANGED
MEETS: MAY 16-AUG 5

TECHNL IN TEACH&LRN C I 505 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
2796005 1 MTWR 12:00-2:00
MEETS: MAY 23-JUNE 17

INTRO SCIENCE TCH C I 514 2 CREDITS
8372005 MTW 5:30-8:30PM
ARRANGED
MEETS: MAY 9-25

PRIN SECONDARY ED C I 526 3 CREDITS
Prereq: 6 CREDITS IN EDUCATION
7724005 1 MTWR 12:00-2:15
MEETS: MAY 16-JUNE 10

ED PSY&SECNDY CLSRM C I 529 3 CREDITS
Prereq: BACHELOR'S DEGREE, PERMISSION INTO
GRADUATE-LEVEL TEACHER LICENSURE PROGRAM
8674005 1 MTWR 8:40-10:40
MEETS: MAY 31-JUNE 24

ADV PEDAG SCIENC ED C I 546 3 CREDITS
3527005 1 MTWR 2:00-5:00
MEETS: MAY 9-27

RESTRUC SCIENC ACTV C I 548 3 CREDITS
Prereq: ADMISSION TO TEACHER EDUCATION OR
TEACHING LICENSURE
8417005 MTWR 10:50-1:50
MEETS: MAY 9-27

CORRECTIVE READING C I 552 3 CREDITS
Prereq: C I 378 OR EQUIV; UNDERGRAD STUDENTS MUST
REGISTER CONCURRENTLY FOR SP ED 365, SP ED 436;
GRADUATE STUDENTS MUST HAVE A TEACHING LICENSE
3276005 1 MTWR 12:30-2:00
ARRANGED
MTWR 9:00-10:15
MEETS: MAY 31-JUNE 30
Note: THE ARRANGED TIME REPRESENTS ONE HOUR PER DAY
CURRICULUM & INSTRUCTION  (CONTINUED)

TCH STRUGL ADOL RDR  C I  553  3 CREDITS
Prereq: TEACHING LICENSE
7267005  1 MTHR 2:30-5:00
MEETS: MAY 31-JUNE 23

RDGRSPND CHILD LIT  C I  554  3 CREDITS
Prereq: SENIOR STATUS OR TEACHING LICENSE
1672005  1 MTHR 2:30-5:00
MEETS: MAY 7-27

LITRACY,LRDSP,ADVO  C I  555  3 CREDITS
Prereq: GRADUATE STANDING
9148005  1 ARRANGED
MEETS: MAY 30-JUNE 17
Note: Course delivery is WWW

TCHNL IN READ&LANG  C I  556  3 CREDITS
Prereq: TEACHING LICENSE
1285005  1 MTHR 2:30-6:30PM
MEETS: MAY 20

SUPVS TUTOR READING  C I  588  3 CREDITS
Prereq: GRADUATE STATUS, TEACHING LICENSE AND CONCURRENT ENROLLMENT IN OR COMPLETION OF ONE COURSE CORRECTIVE READING; DIAGNOSIS AND CORRECTION OF READING PROBLEMS
9245005  1 MTHR 8:00-11:00
MTHR 9:00-10:15
ARRANGED
MEETS: MAY 31-JUNE 30
Note: THE 9-10:15 EXPERIENCE MEETS ONLY JUNE 6-23
Materials and equipment use fee $25.00

SPCL TOP CURRICULM  C I  590A  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP DIGITL LRNG  C I  590B  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SCIENCE EDUC  C I  590C  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SEC EDUC  C I  590D  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MULTICULT ED  C I  590F  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS MATH EDUC  C I  590G  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS ELEM ED  C I  590I  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WORLD LANGU  C I  590J  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EDUC PSYCH  C I  590K  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LITERACY ED  C I  590M  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP CURRICULM  C I  599A  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CR COMP DIGITL LRNG  C I  599B  1-3 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

CRT COMP SCIENCE ED  C I  599C  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SECNDR ED  C I  599D  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CR COMP MULTICUL ED  C I  599F  1-3 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP MATH EDUC  C I  599G  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION  (CONTINUED)

CRTV COMPON ELEM ED  C I  599I  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP EDU PSYCH  C I  599K  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP LITERC ED  C I  599M  1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP CURRIC  C I  690A  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP DIGTL LRNG  C I  690B  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP SCI ED  C I  690C  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP SEC ED  C I  690D  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP MLTICUL C I  690F  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP MATH ED  C I  690G  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP WRL LANG  C I  690J  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP ED PSYC  C I  690K  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP LITERACY ED  C I  690M  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CURRICULM  C I  699A  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RSRCH DIGITAL LEARN  C I  699B  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RSRCH SCIENCE EDUC  C I  699C  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RSRCH SECNDRY EDUC  C I  699D VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RES MULTICULTURL ED  C I  699F VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MATH EDUC  C I  699G  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ELEM EDUC  C I  699I  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RSRCH WRLD LANGU ED  C I  699J  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RSRCH EDUC PSYCHOL  C I  699K  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RSRCH LITERACY ED  C I  699M  VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
ECONOMICS (CONTINUED)

**COOPERATIVE EDUC** ECON 498 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
Note: Permission of advisor required.
4836005 ARRANGED
MEETS: MAY 16-AUG 5

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

**CREATIVE COMPONENT** ECON 599 1-5 CREDITS
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

**ADVANCED TOPICS** ECON 690 1-5 CREDITS
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

**WORKSHOP** ECON 693 1-3 CREDITS
Prereq: 6 GRADUATE CREDITS IN CHOSEN FIELD
Satisfactory-Fail Only.
8649005 ARRANGED
MEETS: MAY 16-AUG 5

**RESEARCH** ECON 699 VAR. CREDITS
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

**EDUCATIONAL LEADERSHIP & POLICY STUDIES**

**SOC JUSTICE FIELD EXP** EL PS 591 1-3 CREDITS
Prereq: EL PS 620
****** SEE DEPT FOR REFERENCE NUMBERS

**CAPSTONE EXPERIENCE** EL PS 616 3 CREDITS
Prereq: 4 CREDITS OF EL PS 615
****** SEE DEPT FOR REFERENCE NUMBERS

**ELECTRICAL ENGINEERING**

**ELECTRIC CIRCUITS** E E 201 4 CREDITS
Prereq: CR OR REGISTRATION IN MATH 267 AND PHYS 222
Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY BE AFFERRED TOWARD GRADUATION
2120005 1 MTWRF 1:15-2:20
MW 2:30-5:30
MEETS: MAY 16-JULY 8
Note: Materials fee $60.00

**ELECTRON CIRCUITS** E E 230 4 CREDITS
Prereq: E E 201, MATH 267, PHYS 222
4639005 1 MTWRF 11:00-12:00
MW 8:00-11:00
MEETS: MAY 16-JULY 8
Note: Materials fee $50.00
4639010 2 MTWRF 11:00-12:00
TR 8:00-11:00
MEETS: MAY 16-JULY 8
Note: Materials fee $50.00

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

**ELECTROMAG FLD WAVES** E E 311 4 CREDITS
Prereq: E E 201, MATH 265, PHYS 222, CREDIT OR REGISTRATION IN MATH 267
2889005 MTWRF 10:10-11:30
MEETS: MAY 16-JULY 8

**SUMMER INTERNSHIP** E E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
****** SEE DEPT FOR REFERENCE NUMBERS

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

**INDEPENDENT STUDY** E E 490 VAR. CREDITS
Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

**INDEP STUDY HONORS** E E 490H VAR. CREDITS
Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

**ENGINEERING**

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

**PROFSSNL INTERNSHIP** ENGR 397 R CREDIT
Prereq: PERMISSION OF ADVISER AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

**ENGINEERING MECHANICS**

**STATICS OF ENGINEER** E M 274 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 166;
CREDIT OR ENROLLMENT IN PHYS 111 OR PHYS 221
3004005 1 MTWRF 8:40-9:40
MEETS: MAY 16-JULY 8

**MECHAN OF MATERIALS** E M 324 3 CREDITS
Prereq: E M 274
3007005 1 MTWRF 9:50-10:50
MEETS: MAY 16-JULY 8

**MECH OF MATERIALS LAB** E M 327 1 CREDIT
Prereq: E M 324
3008005 1 TR 8:40-10:40
MEETS: JUNE 21-AUG 4
Note: SECTION 2 RESTRICTED TO C E MAJORS NEW TO ISU
SUMMER 2016
3008015 3 TR 2:30-4:30
MEETS: JUNE 21-AUG 4
Note: SECTION 3 RESTRICTED TO C E MAJORS NEW TO ISU
SUMMER 2016

**DYNAMICS** E M 345 3 CREDITS
Prereq: E M 274, CR OR ENROLLMENT IN MATH 266 OR MATH 267
3010005 1 MTWRF 11:00-12:00
MEETS: MAY 16-JULY 8
Note: SECTION 1 RESTRICTED TO ENGINEERING MAJORS ONLY

**INDEPENDENT STUDY** E M 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

**SPL TOPC THIN FILMS** E M 590H 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS
**ENGINEERING MECHANICS**

SPL TOP CELULR MDIA E M 590I 1-4 CREDITS
Prereq: Instructor permission required.  
Note: Instructor permission required.  
******  SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 590J 1-4 CREDITS
Prereq: Instructor permission required.  
Note: Instructor permission required.  
******  SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP ADV EXP MTH E M 690N 1-6 CREDITS
Prereq: Instructor permission required.  
Note: Instructor permission required.  
******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV WAV PROP E M 690O 1-6 CREDITS
Prereq: Instructor permission required.  
Note: Instructor permission required.  
******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV MATERLS E M 690P 1-6 CREDITS
Prereq: Instructor permission required.  
Note: Instructor permission required.  
******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV COMP MTH E M 690Q 1-6 CREDITS
Prereq: Instructor permission required.  
Note: Instructor permission required.  
******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RELIAB&FAIL E M 690R 1-6 CREDITS
Prereq: Instructor permission required.  
Note: Instructor permission required.  
******  SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 690S 1-6 CREDITS
Prereq: Instructor permission required.  
Note: Instructor permission required.  
******  SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP E M 697 R CREDIT
Prereq: PERMISSION OF DOGE, GRAD CLASSIFICATION  
Satisfactory-Fail Only.  
8134005  ARRANGD  
MEETS: MAY 16-AUG 5

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

**ENGLISH**

INTENSIVE ENGLISH ENGL 10 0 CREDITS
Prereq: RECOMMENDATION OF THE ENGLISH DEPT  
Note: PROCESS APPROVED ADD IN 10 ENROLLMENT SERVICES CENTER  
Department permission required.  
Satisfactory-Fail Only.  
******  SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10B 0 CREDITS
Note: Department permission required.  
Satisfactory-Fail Only.  
******  SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CREDITS
Note: Department permission required.  
Satisfactory-Fail Only.  
******  SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10D 0 CREDITS
Note: Department permission required.  
Satisfactory-Fail Only.  
******  SEE DEPT FOR REFERENCE NUMBERS

ENGLISH NONNATIV II ENGL 101C 3 CREDITS
Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN VARIOUS SECTIONS DETERMINED BY EXAMINATION  
Note: Course restricted to graduate students only.  
ENGL 101D does not apply toward graduation.  
3295600  XW ARRANGED  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW

ENGLISH NONNATIV II ENGL 101D 3 CREDITS
Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN VARIOUS SECTIONS DETERMINED BY EXAMINATION  
Note: Course restricted to graduate students only.  
ENGL 101D does not apply toward graduation.  
3296600  XW ARRANGED  
MEETS: MAY 16-JULY 8  
Note: Section XW is off campus  
Course delivery is WWW

**CRITCL THINK&MUNIC**

ENGLISH 150 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN LIB 160  
Note: Each section will meet two days in a computer lab.  
CONCURRENT ENROLLMENT IN LIB 160 IS RECOMMENDED.  
3298005  A MWF 8:40-9:40  
TR 8:40-9:40  
3298015  B MWF 9:50-10:50  
TR 9:50-10:50  
3298025  C MFN 11:00-12:00  
TR 11:00-12:00  
MEETS: JUNE 13-AUG 5

WRT,ORAL,EL COMPOS ENGL 250 3 CREDITS
Prereq: ENGL 150 OR EXEMPTION FROM ENGL 150; CREDIT FOR CONCURRENT ENROLLMENT IN LIB 160  
Note: Each section will meet two days in a computer lab  
3299005  A MTR 9:50-10:50  
WF 9:50-10:50  
MEETS: MAY 16-JULY 8  
3299010  B MTR 9:50-10:50  
WF 9:50-10:50  
MEETS: JUNE 13-AUG 5  
3299015  C MTR 11:00-12:00  
WF 11:00-12:00  
MEETS: JUNE 13-AUG 5  
3299020  D MTR 8:40-9:40  
WF 8:40-9:40  
MEETS: JUNE 13-AUG 5  
3299025  E MWF 12:10-1:10  
TR 12:10-1:10  
MEETS: JUNE 13-AUG 5

BUSINESS COMMUNIC ENGL 302 3 CREDITS
Prereq: ENGL 250, JUNIOR CLASSIFICATION  
Note: Course open to freshmen, sophomores, and graduate students. Sections 1-9 will meet two days in a computer lab  
3314005  A MTR 8:40-9:40  
WF 8:40-9:40  
MEETS: MAY 16-JULY 8  
3314010  B MWF 8:40-9:40  
TR 8:40-9:40  
MEETS: MAY 16-JULY 8  
3314015  C MWF 9:50-10:50  
TR 9:50-10:50  
MEETS: MAY 16-JULY 8  
3314020  D MWF 11:00-12:00  
TR 11:00-12:00  
MEETS: MAY 16-JULY 8  
3314025  E MTR 11:00-12:00  
WF 11:00-12:00  
MEETS: MAY 16-JULY 8  
3314030  F TR 11:00-12:00  
MEETS: MAY 16-JULY 8  
3314035  G MWF 12:10-1:10  
TR 12:10-1:10  
MEETS: JUNE 13-AUG 5  
3314040  H MTR 12:10-1:10  
WF 12:10-1:10  
MEETS: JUNE 13-AUG 5

CREAT WRITING:FICTN ENGL 304 3 CREDITS
Prereq: ENGL 250, NOT OPEN TO FRESHMEN  
Note: Course restricted to sophomores and above  
3316005  A MWF 9:50-10:50  
MEETS: JUNE 13-AUG 5

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS
Prereq: ENGL 250, JUNIOR CLASSIFICATION  
Note: Course open to freshmen, sophomores, and graduate students. Sections 1-9 will meet two days in a computer lab  
3356005  A MFN 11:00-12:00  
TR 11:00-12:00  
MEETS: MAY 16-JULY 8  
3356010  B TR 11:00-12:00  
WF 11:00-12:00  
MEETS: JUNE 13-AUG 5  
3356015  C TR 6:00-8:30PM  
MEETS: JUNE 13-AUG 5

STUDIES IN FILM ENGL 335 3 CREDITS
Prereq: ENGL 250  
Note: Materials fee $25.00  
3322005  A MWF 1:20-5:00  
MEETS: MAY 16-JUNE 10  
Note: Section GB taught in London, Stanford-upon-Avon  
title: London, Literature, & Theater Study Abroad  
Summer 2016 offered for 3 credits. Study abroad Administrative Fee Applies
ENGLISH (CONTINUED)

CR WRIT WKSHP: FICTN ENGL 404 3 CREDITS
Prereq: ENGL 304
3353005 A TR 9:50-10:50
MEETS: JUNE 13-AUG 5

INTERN BUS, PRO COMM ENGL 487 1-3 CREDITS
Prereq: JUNIOR CLASSIF; PERMISSION OF COORDINATOR;
9 CR IN ENGL BEYOND ENGL 309, ENGL 311, ENGL 314, ENGL 415 (PREFERRED), ENGL 416, OR ENGL 477.
Note: Department permission required.
9090005 A ARRANGED
MEETS: MAY 16-AUG 5

IND STUDY LITERATURE ENGL 490A VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO LITERATURE, JR CLASSIFICATION, PERMISSION
OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
*******SEE DEPT FOR REFERENCE NUMBERS

IND STU LINGUISTICS ENGL 490B VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO LINGUISTICS, JR CLASSIFICATION, PERMISSION
OF UNDERGRAD STUDIES COMMITTEE OR LINGUISTICS ADVISER
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
*******SEE DEPT FOR REFERENCE NUMBERS

IND DEP STU RHETORIC ENGL 490C VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO RHETORIC, JR CLASSIFICATION, PERMISSION
OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
*******SEE DEPT FOR REFERENCE NUMBERS

IND STU CRITICI LIT ENGL 490D VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO CRITICISM & THEORY OF LIT, JR CLASSIFICATION,
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
*******SEE DEPT FOR REFERENCE NUMBERS

IND STU INSTRUCT MH ENGL 490E VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO INSTRUCTIONAL METHODS AND RESEARCH, JUNIOR
CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
*******SEE DEPT FOR REFERENCE NUMBERS

IND STU CREATIV WRIT ENGL 490F VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO CREATIVE WRITING, JR CLASSIFICATION, PERMISSION
OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
*******SEE DEPT FOR REFERENCE NUMBERS

IND STU BUS/TCH CMN ENGL 490G VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO BUSINESS/TECHNICAL COMMUNICATION, JR CLASSIFICATION,
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
*******SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ENGL 490H VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO INDEP STUDY TOPIC CHOSEN, JUNIOR CLASSIFICATION,
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE,
MEMBERSHIP IN UNIV HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION. RESTRICTED TO HONORS PROGRAM
STUDENTS ONLY.
Department permission required.
*******SEE DEPT FOR REFERENCE NUMBERS

CAPSTONE ASSESSMENT ENGL 497 1 CREDIT
Prereq: JUNIOR STATUS
*******SEE DEPT FOR REFERENCE NUMBERS

TCHG BUS/TECHN CMN ENGL 504 3 CREDITS
Prereq: M.A. IN ENGLISH OR CLOSELY RELATED FIELD;
MUST BE TEACHING ENGL 302, ENGL 309 OR ENGL 314
CONCURRENTLY
3388005 A ARRANGED
MEETS: MAY 16-AUG 5

ENGLISH (CONTINUED)

ADV WKSHP ACAD WRIT ENGL 508 3 CREDITS
Prereq: 6 GRADUATE CREDITS
5107005 A TR 6:00-8:30PM
MEETS: MAY 16-JULY 8

INTR LINGUIST ANALY ENGL 511 3 CREDITS
3395000 XW ARRANGED
MEETS: MAY 16-JULY 8
Note: Section XW is off campus

LANGU ASSESS PRACTM ENGL 513 3 CREDITS
8728005 A ARRANGED
MEETS: MAY 16-AUG 5
Note: Instructor permission required.

TOPICS STUDY OF LIT ENGL 531 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR
6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE
4109005 A TR 6:00-8:30PM
MEETS: MAY 16-JULY 8

ENVIRON FIELD EXP/R ENGL 560 3 CREDITS
Prereq: ENGL 550, GRAD CLASSIFICATION. OPEN TO
GRADUATE STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND
ENVIRONMENT WITH PERMISSION OF INSTRUCTOR.
8229005 A ARRANGED
MEETS: MAY 16-AUG 5
Note: Instructor permission required.

INTERN BUS, PRO COMM ENGL 587 1-3 CREDITS
Prereq: ENGL 507 PLUS 3 ADOL GRAD CR IN BUSINESS
TECHNICAL WRITING, TECHNICAL COMMUNICATION & RHETORIC,
INSTRUCTOR PERMISSION. LIMITED TO MASTER'S & DOCTORAL
CANDIDATES IN FIELD OF RHETORIC AND PRO COMMUNICATION
Note: Instructor permission required.
3425005 ARRANGED
MEETS: MAY 16-AUG 5

PRA TCH EN 2ND LANG ENGL 588 3 CREDITS
Prereq: 9 CREDITS TOWARD TESL/TEFL CERTIFICATE,
15 CREDITS TOWARD TESL/AL MASTER'S DEGREE, OR
8 CR COMPLETED TOWARD THE ESL ENDORSEMENT OPTION
3426005 A ARRANGED
MEETS: MAY 16-AUG 5

SPL TOP LITERATURE ENGL 590A VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
*******SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TESL/LINGUI ENGL 590B VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
*******SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RHETORIC/COMP ENGL 590C VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
*******SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RHETORIC/COMP ENGL 590D VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
*******SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RHETORIC/COMP ENGL 590E VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
*******SEE DEPT FOR REFERENCE NUMBERS

STUDY & TRAVEL: LIT ENGL 595A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5938800 GB ARRANGED
MEETS: JUNE 10-29
Note: SRC OR TAUGHT IN LONDON, STANFORD-UPON-AVON
TITLED: LONDON, LITERATURE, & THEATER STUDY ABROAD
SUMMER 2016 OFFERED FOR 3 CREDITS.
Study Abroad Administrative Fee Applies

CREATIVE COMPONENT ENGL 599 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
MAJOR PROFESSOR
*******SEE DEPT FOR REFERENCE NUMBERS

PRACTM TEC 4LINGUI ENGL 688 3 CREDITS
Prereq: ENGL/LING 510, ENGL/LING 626, OR EQUIV;
AT LEAST 2ND YEAR PH.D. STUDENT IN APPLIED
LINGUISTICS AND TECHNOLOGY
7633005 A ARRANGED
MEETS: MAY 16-AUG 5
Note: Instructor permission required.
ENGLISH (CONTINUED)

RESEARCH ENGL 699 VAR. CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
******* SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

INTRO TO INSECTS ENT 201 1 CREDIT
5197005 W ARRANGED LEWIS D
MEETS: MAY 16-JUNE 17
Note: Course delivery is WWW
Section info: http://www.ent.iastate.edu/dept/courses/

IND STU RESC/RWK/ENT 490E 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED TOWARD GRADUATION
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP CHEM ECOLOGY ENT 590B 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECOPEST MGT ENT 590C 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP ENSC 590D 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP MOLECULAR ENT 590G 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP TCHNG EXPER ENT 590K 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP EXTNS INTRN ENT 590L 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP POPUL GENET ENT 590N 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENT 600 1 CREDIT
5345005 A M 3:40-4:50 COURNEY G
MEETS: MAY 16-AUG 5
Section info: http://www.ent.iastate.edu/dept/courses/

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

ENVIRONMENTAL SCIENCE

ECOLOGY ENSCI 312 4 CREDITS
Prereq: BIOL 211L AND BIOL 212L
4996005 A MTWR 9:50-11:05 MW 12:10-3:00
MEETS: MAY 16-JULY 8
Note: Materials, field trips $75.00
4996010 B MTWR 9:50-11:05 MW 3:10-6:00PM
MEETS: MAY 16-JULY 8
Note: Materials, field trips $75.00
4996015 C MTWR 9:50-11:05 TR 12:10-3:00
MEETS: MAY 16-JULY 8
Note: Materials, field trips $75.00

INTERNSHIP ENVI SCI ENSCI 390 VAR. CREDITS
Prereq: APPROVAL OF THE ENVIR SCIENCE COORDINATOR
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

APPRENTICESHIP ENSCI 391 VAR. CREDITS
Prereq: APPROVAL OF ENVIRONMENTAL SCIENCE COORDINATOR
Note: Permission of coordinator required.
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL STUDIES

ENVIRONMENTAL SCIENCE ENSCI 409 3 CREDITS
Prereq: GEOL 402 OR ENSCI 402 OR GEOL 411 OR ENSCI 411 OR ENSCI 473
3081005 MTWRF 8:00-5:00
MEETS: MAY 16-JULY 8
Note: Equipment use and field trips & travel fee $300.00

INDEPENDENT STUDY ENSCI 490 VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, APPROVAL OF ENVIRONMENTAL SCIENCE COORDINATOR
******* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEPENDENT STUDY ENSCI 490H VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, APPROVAL OF ENVIRONMENTAL SCIENCE COORDINATOR
******* SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL SCIENCE ENSCI 509 3 CREDITS
Prereq: GEOL 402 OR ENSCI 402 OR GEOL 411 OR ENSCI 411 OR ENSCI 473
3095005 MTWRF 8:00-5:00
MEETS: MAY 16-JULY 8
Note: Equipment use and field trips & travel fee $300.00

SPECIAL TOPICS ENSV 590 VAR. CREDITS
Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL SCIENCE FACULTY
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ENSV 599 VAR. CREDITS
Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL SCIENCE FACULTY
******* SEE DEPT FOR REFERENCE NUMBERS

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

ENVIRONMENTAL STUDIES

ENVIRONMNTL GEOLOGY ENV S 101 3 CREDITS
3418600 XW ARRANGED ANKERSTJERNE S
MEETS: MAY 16-AUG 5
Note: Section XW is off campus
Course delivery is WWW

GEOLOGICAL DISASTERS ENV S 111 1 CREDIT
9170600 XW ARRANGED ANKERSTJERNE S
MEETS: JUNE 13-AUG 5
Note: Section XW is off campus
Course delivery is WWW

ENVIRONMNTL BIOLOGY ENV S 173 3 CREDITS
2022600 XW ARRANGED PLEASANTS J
MEETS: MAY 16-AUG 5
Note: Section XW is off campus
Course delivery is WWW

IA RIVERS SERVC L RN ENV S 299X 1 CREDIT
9940005 ARRANGED ISENHART T
Note: Required field trip - dates to be determined
Instructor permission required.

WORLD FOOD ISSUES ENV S 342 3 CREDITS
MEETS: MAY 16-AUG 5
Note: Course delivery is WWW

ENVIRONMNTL GEOLOGY ENV S 383 3 CREDITS
5781000 A MTWRF 8:00-10:00 DEAM D
MEETS: MAY 16-JUNE 24

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS
Prereq: APPROVAL OF THE ENV S COORDINATOR
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

POLIT COASTAL AREAS ENV S 442 3 CREDITS
8495600 XW ARRANGED SCHMIDT S
MEETS: MAY 16-JUNE 24
Note: Section XW is off campus
Course delivery is WWW

INDEPENDENT STUDY ENV S 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF ENV S COORDINATOR
******* SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL STUDIES (CONTINUED)

ENVIRONMNTL GEOLOGY ENV S 294X OR ENV S 294X
Note: COURSE RESTRICTED TO AGRON, CS A, CS H,
WORLD FOOD ISSUES ENV S 342 3 CREDITS
9940005 ARRANGED ISENHART T
Note: Required field trip - dates to be determined
Instructor permission required.

WORLD FOOD ISSUES ENV S 342 3 CREDITS
MEETS: MAY 16-AUG 5
Note: Course delivery is WWW

ENVIRONMNTL GEOLOGY ENV S 383 3 CREDITS
5781000 A MTWRF 8:00-10:00 DEAM D
MEETS: MAY 16-JUNE 24

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS
Prereq: APPROVAL OF THE ENV S COORDINATOR
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

POLIT COASTAL AREAS ENV S 442 3 CREDITS
8495600 XW ARRANGED SCHMIDT S
MEETS: MAY 16-JUNE 24
Note: Section XW is off campus
Course delivery is WWW

INDEPENDENT STUDY ENV S 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF ENV S COORDINATOR
******* SEE DEPT FOR REFERENCE NUMBERS
**EVENT MANAGEMENT**

**INDEP STUDY CONFERENCE EVENT 490B VAR. CREDITS**

Prereq: Approval of Program Coordinator

**FAMILY & CONSUMER SCIENCES ED & STUDIES**

**INDEP STUDY HONORS FCEDS 490H VAR. CREDITS**

Prereq: Departmental Approval

**NOTE: SEE DEPT FOR REFERENCE NUMBERS**

**IND HUMAN RELATIONS FCEDS 490N VAR. CREDITS**

Prereq: Departmental Approval

**NOTE: SEE DEPT FOR REFERENCE NUMBERS**

**INDEP STUDY VOC ED FCEDS 490R VAR. CREDITS**

Prereq: Departmental Approval

**NOTE: SEE DEPT FOR REFERENCE NUMBERS**

**SUPERVISED PRACTICUM FCEDS 491A 3-8 CREDITS**

Prereq: HD FS 449; 24 Credits in Family and Consumer Sciences; Reservation Required

Satisfactory-Fail Only.

2261005 ARRANGED

MEETS: MAY 16-8

**SUPERVISED PRACTICUM PRO STUDENTS FCEDS 491B 3-8 CREDITS**

Prereq: HD FS 418B; 24 Credits in Family and Consumer Sciences; Reservation Required

Satisfactory-Fail Only.

2272005 ARRANGED

MEETS: MAY 16-8

**SHRT CRSE TXTL SLCT FCEDS 500K 1-3 CREDITS**

Prereq: 6 Credits in FCED or Education

Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2016

2723050 MTWRF 8:00-5:00

MEETS: JULY 25-29

**NOTE: TOPIC: TEXTILES**

**FINANCE**

**PRINCIPAL OF FINANCE FIN 301 3 CREDITS**

Prereq: ACCT 284, ECON 101, STAT 226

**NOTE: COURSE NOT OPEN TO P Bus Majors**

3689005 A1 MTWRF 12:10-2:10

MEETS: MAY 16-8

Note: SECTION A1 RESTRICTED TO ACCT, AG B, AN S, BUS S, BUS U, BUSECS, SM, FIN, MGMT, MIS, MGT, SCM UNDERGRADUATE MAJORS

3689010 A2 MTWRF 12:10-2:10

MEETS: MAY 16-8

Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ACCT, AG B, AN S, BUS S, BUS U, BUSECS, SM, FIN, MGMT, MIS, MGT, SCM UNDERGRADUATE MAJORS

3689015 A1 MTWRF 9:50-11:50

MEETS: JULY 11-8

Note: SECTION A1 RESTRICTED TO ACCT, AG B, AN S, BUS S, BUS U, BUSECS, SM, FIN, MGMT, MIS, MGT, SCM UNDERGRADUATE MAJORS

3689020 B2 MTWRF 9:50-11:50

MEETS: JULY 11-8

Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN ACCT, AG B, AN S, BUS S, BUS U, BUSECS, SM, FIN, MGMT, MIS, MGT, SCM UNDERGRADUATE MAJORS

**CORPORATE FINANCE FIN 310 3 CREDITS**

Prereq: FIN 301

Note: COURSE NOT OPEN TO P BUS MAJORS

3691005 A1 MTWRF 2:30-4:30

MEETS: JUNE 13-JULY 8

Note: SECTION A1 RESTRICTED TO FIN MAJORS ONLY

369110A A2 MTWRF 2:30-4:30

MEETS: JUNE 13-JULY 8

Note: SECTION A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSECS, SM, FIN, MGMT, MIS, MGT, SCM UNDERGRADUATE MAJORS

**INVESTMENTS FIN 320 3 CREDITS**

Prereq: FIN 301

Note: COURSE NOT OPEN TO P BUS MAJORS

3692005 A1 MTWRF 9:50-11:50

MEETS: JULY 11-8

Note: SECTION A1 RESTRICTED TO FIN MAJORS ONLY

369210A A2 MTWRF 9:50-11:50

MEETS: JULY 11-8

Note: SECTION A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSECS, SM, FIN, MGMT, MIS, MGT, SCM UNDERGRADUATE MAJORS

**FINAN MKTS INSTITUT FIN 330 3 CREDITS**

Prereq: FIN 301

Note: COURSE RESTRICTED TO FIN MAJORS ONLY

6829005 A MTWRF 12:10-2:10

MEETS: JUNE 13-JULY 8

**REAL ESTATE PRINCIP FIN 371 3 CREDITS**

Prereq: ECON 101

Note: COURSE NOT OPEN TO P BUS MAJORS

3690005 A1 MTWRF 7:30-9:30

MEETS: JULY 11-8

369010 A2 MTWRF 7:30-9:30

MEETS: JULY 11-8

Note: SECTION A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSECS, SM, FIN, MGMT, MIS, MGT, SCM UNDERGRADUATE MAJORS

**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

**NOTE: SEE DEPT FOR REFERENCE NUMBERS**

**BANKING INTERNSHIP FIN 499A 1-3 CREDITS**

Prereq: GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR; STAT 326

Satisfactory-Fail Only.

9403005 ARRANGED

MEETS: MAY 16-8

**INSURANCE INTERNSHIP FIN 499B 1-3 CREDITS**

Prereq: FIN 361; STAT 326; GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR

Satisfactory-Fail Only.

9555005 ARRANGED

MEETS: MAY 16-8

**INTERNATIONAL REAL ESTATE FIN 499C 1-3 CREDITS**

Prereq: FIN 301 PLUS 3 ADDL CREDITS IN FINANCE; GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR

Satisfactory-Fail Only.

3098005 ARRANGED

MEETS: MAY 16-8

**NOTICE: COURSE NOT OPEN TO P BUS MAJORS**

**INTERNSHIP INVESTMENT FIN 499D 1-3 CREDITS**

Prereq: FIN 326, STAT 326, GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR

Satisfactory-Fail Only.

6516005 ARRANGED

MEETS: MAY 16-8

**INTERNSHIP: CORPORATE FIN 499E 1-3 CREDITS**

Prereq: FIN 310, STAT 326, GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR

Satisfactory-Fail Only.

2736005 ARRANGED

MEETS: MAY 16-8

**SPECIAL TOPICS FIN 590 1-3 CREDITS**

Prereq: PERMISSION OF INSTRUCTOR

Note: RESTRICTED TO BUSINESS COLLEGE GRADE STUDENTS

**FOOD SCIENCE & HUMAN NUTRITION**

**FOOD & THE CONSUMER FS HN 101 3 CREDITS**

Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY or CREDITS EACH OF BIOLOGY AND CHEMISTRY

3659005 1 ARRANGED

MEETS: MAY 16-8

Note: Course delivery is WW

**INTRO HUMAN NUTRITION FS HN 167 3 CREDITS**

Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY

3600005 1 ARRANGED

MEETS: MAY 16-8

Note: Course delivery is WW

**NUTRIENT FDNSTY FS HN 265 3 CREDITS**

Prereq: FS HN 167; FS HN 264 OR CREDIT OR ENROLLMENT IN BMH 301

6323005 ARRANGED

MEETS: MAY 16-8

**FOOD CHEMISTRY FS HN 311 3 CREDITS**

Prereq: CHEM 231 AND CHEM 331 OR CHEM 331

3669005 1 ARRANGED

MEETS: MAY 16-8

Note: Course delivery is WW

**WORLD FOOD ISSUES FS HN 342 3 CREDITS**

Prereq: JUNIOR CLASSIFICATION

Note: RESTRICTED TO AGN, CS A, CS B, DIET, DIETR, FS A, FS N, FS A, NS H MAJORS ONLY

Meets international perspectives reqmt

1923005 1 ARRANGED

MEETS: MAY 16-7
FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

MED TERMINOL FOR PRO       FS HN 367  1 CREDIT
9487005  1 ARRANGED
MEETS: MAY 16-JULY 8
Note: Course delivery is WWW

FOOD LAWS&REGL PROC        FS HN 403  2 CREDITS
Prereq: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT 200 LEVEL OR ABOVE
3679005  1 ARRANGED
MEETS: MAY 16-JULY 8
Note: Course delivery is WWW

FOOD INGRED INTERAC        FS HN 411  2 CREDITS
Prereq: FS HN 214 OR FS HN 311 AND FS HN 115,
FS HN 215 OR FS HN 311,
3613005  TR 8:30-9:30
TR 9:45-12:45
Note: Materials and equipment use fee $65.00

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

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

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

INDEP STUDY HONORS         FS HN 490H  1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
****** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

TRAVEL - INTERNATNL        FS HN 496A  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt
3613005  ARRANGED
MEETS: MAY 14-26
Note: SEC TH TAUGHT IN THAILAND. FSHN-ARGON TRAVEL COURSE: FOOD, CULTURE AND AGRICULTURE IN THAILAND
STUDY ABROAD SUMMER 2016. OFFERED FOR 3 CREDITS
Study Abroad Administrative Fee Applies

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

UNDERGRAD RESEARCH        FS HN 499  1-6 CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK
Note: NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE APPLIED TOWARD GRADUATION
****** SEE DEPT FOR REFERENCE NUMBERS

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
MEETS: JUNE 13- Aug 5
****** SEE DEPT FOR REFERENCE NUMBERS

TRAVEL - INTERNATNL        FS HN 596A  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt
3613005  TH ARRANGED
MEETS: MAY 14-26
Note: SEC TH TAUGHT IN THAILAND. FSHN-ARGON TRAVEL COURSE: FOOD, CULTURE AND AGRICULTURE IN THAILAND
STUDY ABROAD SUMMER 2016. OFFERED FOR 3 CREDITS
Study Abroad Administrative Fee Applies

CREATIVE COMPONENT         FS HN 599  1 CREDIT
3648005  ARRANGED
MEETS: MAY 16-AUG 5

SPL TOP LEADERSHIP         FOR 290A  1-4 CREDITS
Prereq: FRESH OR SOPH CLASSIF, INSTRUCTOR PERMISSION
****** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB ECO & ecosys mgmt FOR 290B  1-4 CREDITS
Prereq: FRESH OR SOPH CLASSIF, INSTRUCTOR PERMISSION
****** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB RESSOURCE CNSRV  FOR 290C  1-4 CREDITS
Prereq: FRESH OR SOPH CLASSIF, INSTRUCTOR PERMISSION
****** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB URB & COMMUN.  FOR 290D  1-4 CREDITS
Prereq: FRESH OR SOPH CLASSIF, INSTRUCTOR PERMISSION
****** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB WOOD SCIEN  FOR 290E  1-4 CREDITS
Prereq: FRESH OR SOPH CLASSIF, INSTRUCTOR PERMISSION
****** SEE DEPT FOR REFERENCE NUMBERS

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

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

CR COMP FOR REC ECON      FOR 599C  1-12 CREDITS
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR MGT & ADM     FOR 599D  1-12 CREDITS
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP WOOD SCI       FOR 599E  1-12 CREDITS
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

FOREST BIOLOGY RESRC      FOR 699A  1-12 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

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

RESRCH FOOD SCI&TEC     FS HN 699  VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

SPL PROB LEADERSHIP FOR 290A  1-4 CREDITS
Prereq: FRESH OR SOPH CLASSIF, INSTRUCTOR PERMISSION
****** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB ECO & ECOSYS MGT FOR 290B  1-4 CREDITS
Prereq: FRESH OR SOPH CLASSIF, INSTRUCTOR PERMISSION
****** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB RES & CNSRV FOR 290C  1-4 CREDITS
Prereq: FRESH OR SOPH CLASSIF, INSTRUCTOR PERMISSION
****** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB URB & COMMUN FOR 290D  1-4 CREDITS
Prereq: FRESH OR SOPH CLASSIF, INSTRUCTOR PERMISSION
****** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB WOOD SCIEN FOR 290E  1-4 CREDITS
Prereq: FRESH OR SOPH CLASSIF, INSTRUCTOR PERMISSION
****** SEE DEPT FOR REFERENCE NUMBERS

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

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

CR COMP FOR REC ECON FOR 599C  1-12 CREDITS
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR MGT & ADM FOR 599D  1-12 CREDITS
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

RESRCH FOOD SCI & TECH FOR 699A  1-12 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

RESRCH FOOD SCI & TECH FOR 699B  1-12 CREDITS
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS
FORESTRY (CONTINUED)

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

FOR MGTLADMIN RSrch FOR 699D 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RSrch FOR 699E 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

RSrch Plant Physiol FOR 699F 1-12 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

FRENCH
FRNCH STUDI EN NGL FRNCH 370 3 CREDITS
Note: Meets international perspectives reqmt.
7933600 XW ARRANGED DENINGER M
MEETS: JULY 11-AUG 5
Note: Section XW is off campus
Course delivery is WWW

INDEPENDENT STUDY FRNCH 490 1-6 CREDITS
Prereq: PERMISSION OF FRENCH STAFF AND DEPT CHAIR
Note: NO MORE THAN 3 CREDITS IN FRNCH 490 MAY BE
ApPLIED TOWARD GRADUATION
Permission of department chair required.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANG PEDAGY FRNCH 590C 2-4 CREDITS
Prereq: INSTRUCTOR PERMISSION; 6 CR 400-LEVEL FRNCH
Note: Permission of department chair required.
2393005 ARRANGED MEETS: JUNE 13-AUG 5

GENETICS
PRINCIP OF GENETICS GEN 313 3 CREDITS
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313/301
AND 313L/301L, GEN/AGRON 320
9559005 1 MTWR 8:40-9:40
MEETS: MAY 16-JULY 8

LAB TCHG EXPERIENCE GEN 492 1-2 CREDITS
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 2 CREDITS OF GEN 490U OR
GEN 492 MAY BE APPLIED TOWARD THE GENETICS
ADVANCED COURSE REQUIREMENT
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GENETICS GEN 495 1-3 CREDITS
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

ATTEND&CRITIQ SEMNR GEN 496 1 CREDIT
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
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 MAJORS MAY APPLY NO MORE THAN
9 CREDITS OF 490U OR 499 (INCLUDING GEN 490 AND
GEN 499) TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

GENET RESrch HONORS GEN 499H 1-5 CREDITS
Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION
OF INSTRUCTOR. MEMBERSHIP IN UNIVERSITY HONORS
PROGRAM.
******* SEE DEPT FOR REFERENCE NUMBERS

GENETICS - INTERDISCIPLINARY

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

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS
9160005 ARRANGED MEETS: MAY 16-AUG 5

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

GENETICS, DEVELOPMENT & CELL BIOL

SPECIAL TOPICS GDCB 590 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2016
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GDCB 699 VAR. CREDITS
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - IA LL GDCB 6991 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Permission of Lakeside Lab Office required
http://www.continuetalearn.uiowa.edu/lakesidelab
3967005 1 ARRANGED
MEETS: PARTIAL TERM
Note: Tuition Category: Iowa Lakeside Lab
3967010 2 ARRANGED
MEETS: PARTIAL TERM
Note: Tuition Category: Iowa Lakeside Lab

GEOLoGY

ENVIRONMNTL GEOLOGY GEOl 101 3 CREDITS
7596600 XW ARRANGED ANKERSTJERNE S
MEETS: MAY 16-AUG 5
Note: Section XW is off campus
Course delivery is WWW

GEOLOGIC DISASTERS GEOl 111 1 CREDIT
9152600 XW ARRANGED ANKERSTJERNE S
MEETS: JUNE 13-AUG 5
Note: Section XW is off campus
Course delivery is WWW

INDEPENDENT STUDY GEOl 290 2-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SUMMER FIELD STUDY GEOl 302 6 CREDITS
Prereq: GEOl 102, GEOl 356, GEOl 368
3881005 1 ARRANGED
MEETS: MAY 22-JULY 1
Note: SPECIAL COURSE FEE OF $2,250 IS CHARGED IN
ADDITION TO TUITION AND FEES TO COVER ROOM, BOARD,
AND TRANSPORTATION.
Equipment use and field trips & travel fee $2,250.00
3881600 XW ARRANGED WOOD A
MEETS: MAY 23-JULY 1
Note: PERMISSION TO REGISTER REQUIRED. STUDENTS
MUST CONTACT DEANN FRISK AT DFRISK@IASTATE.EDU.
Note: Tuition Category: Iowa Lakeside Lab

FLD METHD HYDROGEOl GEOl 409 3 CREDITS
Prereq: GEOl 402 OR ENSCI 402 OR GEOl 411 OR
ENSCh 411 OR C E 473
7671005 MTWR 8:00-5:00
MEETS: MAY 16-JULY 8
Note: Equipment use and field trips & travel fee $300.00

INDEPENDENT STUDY GEOl 490 1-4 CREDITS
Prereq: 6 CR IN GEOlOGY & PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF GEOl 490 MAY BE
APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

FLD METHD HYDROGEOl GEOl 509 3 CREDITS
Prereq: GEOl 402 OR ENSCI 402 OR GEOl 411 OR
ENSCh 411 OR C E 473
9169005 MTWR 8:00-5:00
MEETS: MAY 16-JULY 8
Note: Equipment use and field trips & travel fee $300.00

SPL TOP SURFIC PROC GEOl 590A 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRATIGRAPH GEOl 590B 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATN GEOl 590C 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 590D</td>
<td>Research Paleontology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>GEOL 590E</td>
<td>Research Petrology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>GEOL 590F</td>
<td>Research Structural Geology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>GEOL 590G</td>
<td>Research Geochemistry</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>GEOL 590H</td>
<td>Research Surface Hydrology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>GEOL 590I</td>
<td>Research Earth Science</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>GEOL 590J</td>
<td>Research Surface Hydrology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>GEOL 590K</td>
<td>Research Geophysics</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>GEOL 590L</td>
<td>Research Mineralogy</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>GEOL 590M</td>
<td>Research Geology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>GEOL 590N</td>
<td>Research Palaeoclimatology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>GEOL 590O</td>
<td>Research Isotope Geochemistry</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>GEOL 590P</td>
<td>Research Computation Geochemistry</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>GEOL 590Q</td>
<td>Research Surface Hydrology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>GEOL 590R</td>
<td>Research Oceanography</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>GEOL 590S</td>
<td>Research Geochronology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>GEOL 590T</td>
<td>Research Sedimentation</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>GEOL 590U</td>
<td>Research Stratigraphy</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>GEOL 590V</td>
<td>Research Hydrogeology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>GEOL 590W</td>
<td>Research Earth Science</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>GEOL 590X</td>
<td>Research Mineral Resource</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>GEOL 590Y</td>
<td>Research Geophysics</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>GEOL 590Z</td>
<td>Research Mineralogy</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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**GEOLOGY (CONTINUED)**

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>GEOL 590D</td>
<td>Research Paleontology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>GEOL 590E</td>
<td>Research Petrology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>GEOL 590F</td>
<td>Research Structural Geology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>GEOL 590G</td>
<td>Research Geochemistry</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>GEOL 590H</td>
<td>Research Surface Hydrology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>GEOL 590I</td>
<td>Research Earth Science</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>GEOL 590J</td>
<td>Research Surface Hydrology</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>GEOL 590K</td>
<td>Research Geophysics</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>GEOL 590L</td>
<td>Research Mineralogy</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>GEOL 590M</td>
<td>Research Tectonics</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR, SEE DEPT FOR REFERENCE NUMBERS</td>
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</tbody>
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**GERMAN**

*Elementary German I*  
GER 101  4 CREDITS  
Prereq: GER 101  
Note: Meets international perspectives reqmt  
3949005  MTWRF 8:40-11:40  
MEETS: MAY 16-JUNE 10  
Note: Materials and equipment use fee $25.00

*Elementary German II*  
GER 102  4 CREDITS  
Prereq: GER 101  
Note: Meets international perspectives reqmt  
3950005  MTWRF 8:40-11:40  
MEETS: JUNE 13-JULY 8  
Note: Materials and equipment use fee $25.00

**Holocaust Text, Image**  
GER 371  3-4 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT, 6 CREDITS IN GERMAN AT THE 300 LEVEL.  
Note: Meets international perspectives reqmt  
3764000  ARRANGED  
Note: Section XW is off campus  
Course delivery is WMA

**Gerontology**

*Gerontl Preprac Seminar*  
GER 466  1 CREDIT  
Prereq: 9 CR in core courses for the gerontl minor & approval of gerontl underg coordinator  
7869005  ARRANGED  
MEETS: MAY 16-JULY 8  
Note: Meets international perspectives reqmt

*Gerontol Practicum*  
GER 467  3-6 CREDITS  
Prereq: GER 466, ADVANCE RESERVATION  
7870005  ARRANGED  
MEETS: MAY 16-AUG 5

**Special Topics**  
GER 590  VAR. CREDITS  
3059005  ARRANGED  
MEETS: MAY 16-AUG 5

**Research**  
GER 699  VAR. CREDITS  
9840038  JM ARRANGED  
MARGRETT J  
MEETS: MAY 16-AUG 5

**Global Resource Systems**

*Apprenticeship*  
GLOBE 221  R CREDIT  
Satisfactory-Fail Only.  
6652005  ARRANGED  
MEETS: MAY 16-AUG 5

*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 - Global*  
GLOBE 321  3-6 CREDITS  
Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR; INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR; NO MORE THAN 12 CREDITS OF GLOBE 321 AND GLOBE 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS  
86840005  ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Meets international perspectives reqmt  
**GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
INSTRUCTOR PERMISSION REQUIRED.**

**Research**  
GLOBE 322  3-6 CREDITS  
Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR; INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR; NO MORE THAN 12 CREDITS OF GLOBE 321 AND GLOBE 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS  
86840035  ARRANGED  
MEETS: MAY 16-AUG 5  
Note: Instructor permission required.

**Cooperative Education**  
GLOBE 398X  R CREDIT  
Prereq: PERMISSION OF FACULTY COORDINATOR FOR THE MAJOR; COMPLETION OF COOPERATIVE EDUCATION APPROVAL FORM, REGISTRATION IN GLOBE 398X PRIOR TO COMMENCING WORK PERIOD  
4650005  ARRANGED  
MEETS: MAY 16-AUG 5

**Satisfactory-Fail Only.**
GLOBAL RESOURCE SYSTEMS  (CONTINUED)

SENIOR PROJECT  GLOBE 401  3 CREDITS
Prereq: SENIOR CLASSIFICATION IN GLOBE
6799005   ARRANGED
MEETS: MAY 16- AUG 5

SENIOR PROJ HONORS  GLOBE 401H  3 CREDITS
8914005   ARRANGED
MEETS: MAY 16- AUG 5

INDEPENDENT STUDY  GLOBE 490A  1- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE
APPLIED TOWARDS GRADUATION IN GLOBAL RESOURCE SYSTEMS
******  SEE DEPT FOR REFERENCE NUMBERS

IND STY ENTREPREN GLOBE 490E  1- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE
APPLIED TOWARDS GRADUATION IN GLOBAL RESOURCE SYSTEMS
8687005   ARRANGED
MEETS: MAY 16- AUG 5

INDEP STUDY HONORS GLOBE 490H  1- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE
APPLIED TOWARDS GRADUATION IN GLOBAL RESOURCE SYSTEMS
6817005   ARRANGED
MEETS: MAY 16- AUG 5

GRADUATE STUDIES

PREP FAC TCHG PRACT GR ST 587  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, GR ST 585,
CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586
7679005   ARRANGED
MEETS: MAY 16- AUG 5
Note: Instructor permission required.

PREP FTR FAC SPL TP GR ST 588  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, GR ST 585,
CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586
8341005   ARRANGED
MEETS: MAY 16- AUG 5
Note: Instructor permission required.

EXAMINATION ONLY GR ST 600  1- R CREDIT
3972005   ARRANGED
MEETS: MAY 16- AUG 5

REQUIRED ENROLLMENT GR ST 601  1- R CREDIT
Note: College permission required.
4482005   ARRANGED
MEETS: MAY 16- AUG 5

PRACTICAL TRAINING GR ST 697  1- R CREDIT
6905005   ARRANGED
MEETS: MAY 16- AUG 5
Note: THE REQUIRED APPROVAL Signature SHOULD BE
OBTAINED FROM PEARSON HALL
College permission required.

GRAPHIC DESIGN

GRPHIC DSN METHODLG ARTGR 476  3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR
371, ARTGR 470 OR ARTGR 482
1889005   ARRANGED
MEETS: MAY 16- JULY 8

GRPH DSGN INTERNSHP ARTGR 480  3 CREDITS
Prereq: ARTGR 371, 12 CR IN GRAPHIC DESIGN;
INSTR PERMISSION, REGISTRATION IN ADVANCE OF ENROLLMENT
7746005   ARRANGED
MEETS: MAY 16- AUG 5

GRPHIC DSIGN METHODOL ARTGR 576  3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370
OR ARTGR 470 OR ARTGR 482 OR GRAD CLASSIFICATION
IN THE COLLEGE OF DESIGN
2058005   ARRANGED
MEETS: MAY 16- JULY 8

SPL TOPCS THRY,CRIT ARTGR 590A  3 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
******  SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ARTGR 599  3 CREDITS
******  SEE DEPT FOR REFERENCE NUMBERS

GRAPHIC DESIGN  (CONTINUED)

ADVANCED TOPICS ARTGR 690  VAR. CREDITS
Prereq: MFA CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Instructor permission required 1st week.
******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - THESIS ARTGR 699  VAR. CREDITS
******  SEE DEPT FOR REFERENCE NUMBERS

HEALTH STUDIES

1ST AID &EMERG CARE HS 105  2 CREDITS
4081005   1 MTWRF 7:30-9:40
MEETS: MAY 16- JUNE 10
Note: Materials and equipment use fee $50.00

HUMAN DISEASES HS 350  3 CREDITS
Prereq: HS 110 AND BIOL 255, BIOL 256
4088005   1 MTWRF 7:30-9:30
MEETS: MAY 16- JUNE 10

FLD EXP HLTH PROMO HS 485  8-16 CREDITS
Prereq: ALL REQUIRED HS COURSES, PERMISSION OF
COORDINATOR
Note: Instructor permission required.
Satisfactory-Fail only.
4095005   ARRANGED
MEETS: MAY 16- AUG 5

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

HIGHER EDUCATION

SPL TOP STDT SERVIC HG ED 590A  1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN COLL HG ED 590B  1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CURRENT ISS HG ED 590C  1- 4 CREDITS
******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTNL HG ED HG ED 590D  1- 4 CREDITS
******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP FED&STAT AFF HG ED 590E  1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP LAW IN HG ED HG ED 590F  1- 4 CREDITS
******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTITNL RES HG ED 590G  1- 4 CREDITS
******  SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXPERIEN HG ED 591  1- 4 CREDITS
Prereq: 9 CREDITS GRADUATE WORK
******  SEE DEPT FOR REFERENCE NUMBERS

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

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

SEM RESEARCH DESGS HG ED 615H  1- 4 CREDITS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2016
4145005   1 MW 9:00-12:10
MEETS: JUNE 16-July 30,31

ADV SPECIAL TOPICS HG ED 690  1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HG ED 699  VAR. CREDITS
******  SEE DEPT FOR REFERENCE NUMBERS

HISTORICAL, PHILOSOPHICAL & COMP ED

STUDY FOUND ED U.S. HPC 504  3 CREDITS
Prereq: ADMISSION TO GRADUATE LICENSURE PROGRAM
IN TEACHER EDUCATION OR PERMISSION OF INSTRUCTOR
2604010   1 MTWRF 9:30-12:10
MEETS: JUNE 27-JULY 21
HISTORY

SURVEY U.S. HIST I  HIST 221  3 CREDITS
4155005  MTWRF 9:50-10:50  STUMPF E
MEETS: JUNE 13-AUG 5

SURVEY U.S. HIST II  HIST 222  3 CREDITS
4156005  MTWRF 11:00-12:00  SEITZ J
MEETS: JUNE 13-AUG 5

ENGLAND 1525-1700  HIST 325  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
4169005  MTWRF 12:10-2:10  GRIFFITHS P
MEETS: JULY 11-AUG 5

HISTORY OF IOWA  HIST 370  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
4222600  XW ARRANGED  BREMER J
MEETS: MAY 16-JUNE 10
Note: Section XW is off campus
Course delivery is WWW

HIST OF AMER WOMEN  HIST 386  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
Meets U.S. diversity reqmt
4187005  MTWRF 12:10-2:10  DUSSEILLER J
MEETS: JUNE 13-JULY 8

FRANCE: 1715-1815  HIST 420  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
7629005  MTWRF 12:10-2:10  MONROE J
MEETS: JUNE 13-JULY 8

INDEPENDENT STUDY  HIST 490  1- 3 CREDITS
Prereq: 9 CREDITS IN HISTORY, PERMISSION OF DEPARTMENT CHAIR
Note: COURSE NOT OPEN TO FRESHMEN.
8 MORE THAN 6 CREDITS OF HIST 490 MAY BE APPLIED TOWARD GRADUATION
WITH A MAJOR IN HISTORY. NO CREDITS OF HIST 490 MAY BE APPLIED TOWARD A MINOR IN HISTORY.
Instructor permission required 1st week.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS  HIST 590  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  HIST 699  1- 6 CREDITS
Note: Instructor permission required 1st week.
*******  SEE DEPT FOR REFERENCE NUMBERS

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 ADITIONAL CREDITS OF HORT 391 MAY BE APPLIED TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.
*******  SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN  HORT 398  R CREDIT
Prereq: PERMISSION OF DEPARTMENT RESOURCE AND CAREER CENTER COORDINATOR
Satisfactory-Fail Only.
3652005  ARRANGED  MEETS: MAY 16-AUG 5

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 APPLIED TOWARD GRADUATION.
*******  SEE DEPT FOR REFERENCE NUMBERS

CAREER CENTER COORDINATOR  HORT 490 VAR. CREDITS
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION.
*******  SEE DEPT FOR REFERENCE NUMBERS

ADDONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH 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 APPLIED TOWARD GRADUATION.
*******  SEE DEPT FOR REFERENCE NUMBERS

ADVliche TOPICS  HORT 490 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 APPLIED TOWARD GRADUATION.
*******  SEE DEPT FOR REFERENCE NUMBERS

PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HORT 490 VAR. CREDITS
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION.
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS  HORT 490D VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION.
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STU LANDSCP HORT  HORT 490G VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION.
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  HORT 490H VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION.
*******  SEE DEPT FOR REFERENCE NUMBERS

SERVIC LEARN DOMESTIC  HORT 494B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
3163005  ARRANGED  MEETS: MAY 9-JULY 15
Note: VIRGIN ISLANDS

HORTI TRAVEL COURSE  HORT 496  1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt
2433800  IE ARRANGED  VANDERZANDE N

COOPERATIVE EDUCATN  HORT 398  R CREDIT
Prereq: PERMISSION OF DEPARTMENT RESOURCE AND CAREER CENTER COORDINATOR
Satisfactory-Fail Only.
3652005  ARRANGED  MEETS: MAY 16-AUG 5

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 APPLIED TOWARD GRADUATION.
*******  SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  HORT 590 VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS  HORT 690 VAR. CREDITS
4134005  ARRANGED  MEETS: MAY 16-AUG 5

RSRC GREENHS CROP  HORT 699A VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

RSRC NURSERY CROPS  HORT 699B VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

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

4155005  MTWRF 9:50-10:50  STUMPF E
MEETS: JUNE 13-AUG 5

4156005  MTWRF 11:00-12:00  SEITZ J
MEETS: JUNE 13-AUG 5

4169005  MTWRF 12:10-2:10  GRIFFITHS P
MEETS: JULY 11-AUG 5

4222600  XW ARRANGED  BREMER J
MEETS: MAY 16-JUNE 10
Note: Section XW is off campus
Course delivery is WWW

4187005  MTWRF 12:10-2:10  DUSSEILLER J
MEETS: JUNE 13-JULY 8

7629005  MTWRF 12:10-2:10  MONROE J
MEETS: JUNE 13-JULY 8

2433800  IE ARRANGED  VANDERZANDE N
MEETS: MAY 8-19
Note: SEC IE TAUGHT IN IRELAND. HORTICULTURE STUDY ABROAD - IRELAND. SUMMER 2016. OFFERED FOR 3 CREDITS
Study Abroad Administration Fee Applies

2433800  IE ARRANGED  VANDERZANDE N
MEETS: MAY 8-19
Note: SEC IE TAUGHT IN IRELAND. HORTICULTURE STUDY ABROAD - IRELAND. SUMMER 2016. OFFERED FOR 3 CREDITS
Study Abroad Administration Fee Applies
HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

IND ST DEV&FAMLY HD FS 490I VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

IND STY POLICY PRG HD FS 490L VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4- 9 CREDITS
Prereq: HD FS 418B; PERMISSION OF INSTRUCTOR; SENIOR CLASSIFICATION; MINIMUM 2.0 GPA; RESERVATION REQUIRED ONE SEMESTER BEFORE PLACEMENT
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPCL TOP FAMILY STUD HD FS 590A VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS HOUSING HD FS 590B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMILY FINAN HD FS 590C VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN DEVELOP HD FS 590D VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CHILD DEVELOP HD FS 590E VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY EDUC HD FS 590F VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOPICS THERAPY HD FS 590M VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MAF POLICY HD FS 590N VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

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

SP TOP MAF POLICY HD FS 590N VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP FAM STUDY HD FS 591A VAR. CREDITS
Prereq: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HUMAN DEVELOPMENT HD FS 591B VAR. CREDITS
Prereq: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP CHILD DEVELOPMENT HD FS 591E VAR. CREDITS
Prereq: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP EARLY EDUC HD FS 591F VAR. CREDITS
Prereq: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP EARLY SP ED HD FS 591G VAR. CREDITS
Prereq: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HUMAN DEVELOPMENT HD FS 591I VAR. CREDITS
Prereq: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HD FS 599 VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMILY STDI HD FS 690A VAR. CREDITS
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
******* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS HOUSING HD FS 690B VAR. CREDITS
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
******* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMILY FINAN HD FS 690C VAR. CREDITS
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
******* SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

ADV TOP HUMAN DEVELOPMENT HD FS 690D VAR. CREDITS
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
******* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CHILD DEVELOPMENT HD FS 690E VAR. CREDITS
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
******* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY EDUCATION HD FS 690F VAR. CREDITS
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
******* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY SPECIAL EDUC HD FS 690G VAR. CREDITS
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
******* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMILY POLICY HD FS 690I VAR. CREDITS
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
******* SEE DEPT FOR REFERENCE NUMBERS

COLLEGE TECH INTERNSHIP HD FS 691A VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP HD FS 691B VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

PRO EXPE RINTERNSHIP HD FS 691C VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

RES HUMAN DEVELOPMENT HD FS 691I VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

HUMAN SCIENCES

IND STY ENTREPRENEURSHIP H SCI 490E 1- 4 CREDITS
5101005 ARRANGED
MEETS: MAY 16-AUG 5

IMMUNOBIOLOGY

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

INDUSTRIAL DESIGN

INDUSTRIAL DESIGN IND D 397 6 CREDITS
Prereq: IND D 202, 18 CR IN INDUSTRIAL DESIGN, or PERMISSION OF INSTRUCTOR
6164005 ARRANGED
MEETS: MAY 16-AUG 5

SPECIAL TOPICS IND D 590 3 CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
SPECIAL PROJECTS IND D 592 VAR. CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO or PERMISSION OF INSTRUCTOR
4181005 A MWF 8:30-12:00
MEETS: MAY 16-JULY 8
Note: SECTION A OFFERED FOR 3 CREDITS
Note: SECTION B OFFERED FOR 6 CREDITS

INDUSTRIAL DESIGN IND D 397 6 CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
SPECIAL PROJECTS IND D 592 VAR. CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO or PERMISSION OF INSTRUCTOR
9463005 ARRANGED
MEETS: MAY 16-AUG 5

THESIS PREPARATION IND D 632 3 CREDITS
Prereq: IND D 631
3001005 ARRANGED
MEETS: JUNE 13-AUG 5
INTEGRATED STUDIO ARTS (DC AS GRAD DPT) & (CONTINUED)

INDEP 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.

INDEP STUDY TEXTILES ARTIS 490E 1- 6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.

IND ST STUDIES ARTIS 490F 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.

IND DEP 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.

IND DEP STUDY PHOTOGRAPHY ARTIS 490J 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.

IND DEP STUDY FURNITURE ARTIS 490L 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.

IND DEP 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.

INTEGRATED STUDIO ARTS (DC AS GRAD DPT) & (CONTINUED)

PRIN 3D CHAR ANIMAT ARTIS 407 3 CREDITS
Prereq: ARTIS 208

TOPICS STUDIO ART ARTIS 482 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2016

IND ST COMPUTER A&D ARTIS 490C 1- 6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

SPL TOP COMPUTR A&D ARTIS 590C VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN ART OR/AND DSGN,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZED AREA.
WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

SPECIAL TOPICS ARTIS 590C VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN ART AND/OR DSGN,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZED AREA.
WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

INFORMATION ASSURANCE

INFO ASSURNC INTERN INFAS 697 R CREDIT
Prereq: PERMISSION OF DEPT, GRADUATE CLASSIFICATION

TOPICS STUDIO ART ARTIS 582 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2016

SPL TOP COMPUTR A&D ARTIS 590C VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN ART OR/AND DSGN,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZED AREA.
WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

INTEG. STUDIO ARTS (DC AS GRAD DPT) & (CONTINUED)

INDEP 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.

INDEP 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.

IND DEP STUDY PHOTOGRAPHY ARTIS 490J 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.

IND DEP 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.

INTEGRATED STUDIO ARTS (DC AS GRAD DPT) & (CONTINUED)

INDEP 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.

INDEP 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.

IND DEP STUDY PHOTOGRAPHY ARTIS 490J 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.

IND DEP 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.
**INTERDISCIPLINARY GRADUATE STUDIES**

**INTERIOR DESIGN**

<table>
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<th>Course Code</th>
<th>Credit Hours</th>
<th>Prerequisites</th>
<th>Notes</th>
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<tr>
<td>ARTID 460</td>
<td>3</td>
<td>ARTID 350, ARTID 360, ARTID 365</td>
<td><strong>(Continued)</strong> <em>Note: Tuition Category: Iowa Lakeside Lab</em></td>
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<td>ARTID 490</td>
<td>1-6</td>
<td>Written Approval of Instr and Dept Chair on Required Form in Advance of Semester of Enrollment</td>
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**ADVANCED TOPICS**

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<td>ARTID 690A</td>
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**INTERIOR DESIGN**

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<td>ARTID 699B</td>
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**INTERNATIONAL STUDIES**

**UNDERGRAD INTERNSHIPS**

- **IA LL 303I**
  - 1-5 CREDITS
  - Prereq: Permission of Instructor & Grad Standing
  - Note: Permission of Lakeside Lab Office required
  - http://www.continuetolearn.uiowa.edu/lakesidelab
  - 3683005 1 ARRANGED

- **IA LL 503**
  - 1-5 CREDITS
  - Prereq: Permission of Instructor & Grad Standing
  - Note: Permission of Lakeside Lab Office required
  - http://www.continuetolearn.uiowa.edu/lakesidelab
  - 3859005 1 ARRANGED

**GRADUATE INTERNSHIPS**

- **IA LL 5901**
  - 1-4 CREDITS
  - Prereq: JUNIOR OR SENIOR CLASSIFICATION AND PERMISSION OF INSTRUCTOR
  - Note: Permission of Lakeside Lab Office required
  - http://www.continuetolearn.uiowa.edu/lakesidelab
  - 3977005 1 ARRANGED

**UG INDEPENDENT STUDY**

- **IA LL 303I**
  - 1-5 CREDITS
  - Instructor permission required
  - **Note: Course Only Offered for 3 Credits Summer 2016**
  - 7820025 RG ARRANGED

**INTERCULTURAL STUDIES**

- **INTRO INT’L STUDIES**
  - INTST 235
  - 3 CREDITS
  - Course delivery is WWW
  - Note: Section XV is off campus
  - MEETS: MAY 16-JULY 8
  - 9582605 XV ARRANGED

**CREATIVE COMPONENT**

- **INT 590**
  - 3 CREDITS
  - Prereq: Permission of Instructor & Grad Standing
  - Note: Permission of Lakeside Lab Office required
  - http://www.continuetolearn.uiowa.edu/lakesidelab
  - 3565005 1 ARRANGED

**UNDERGRAD RESEARCH**

- **IA LL 499**
  - 1-4 CREDITS
  - Prereq: Permission of Instructor & Grad Standing
  - Note: Permission of Lakeside Lab Office required
  - http://www.continuetolearn.uiowa.edu/lakesidelab
  - 3984005 1 ARRANGED

**GRADUATE RESEARCH**

- **IA LL 699**
  - 1-4 CREDITS
  - Prereq: Permission of Instructor & Grad Standing
  - Note: Permission of Lakeside Lab Office required
  - http://www.continuetolearn.uiowa.edu/lakesidelab
  - 3984010 2 ARRANGED

**INTERDISCIPLINARY GRADUATE STUDIES**

**CREATIVE COMPONENT**

- **IGS 599**
  - ARRANGED
  - MEETS: MAY 16-AUG 5

**THESIS RESEARCH**

- **IGS 699**
  - ARRANGED
  - MEETS: MAY 16-AUG 5

**INTERNSHIPS**

- **IA LL 503**
  - 1-5 CREDITS
  - Prereq: Permission of Instructor & Grad Standing
  - Note: Permission of Lakeside Lab Office required
  - http://www.continuetolearn.uiowa.edu/lakesidelab
  - 3683005 1 ARRANGED

**GRADUATE RESEARCH**

- **IA LL 699**
  - 1-4 CREDITS
  - Prereq: Permission of Instructor & Grad Standing
  - Note: Permission of Lakeside Lab Office required
  - http://www.continuetolearn.uiowa.edu/lakesidelab
  - 3984005 1 ARRANGED
KINESIOLOGY (CONTINUED)

ELEM&PRESCH MVMT ED KIN 284 3 CREDITS
Prereq: 3 CREDITS IN HUMAN DEVELOPMENT AND FAMILY STUDIES
Note: CREDIT FOR EITHER KIN 275/312 OR KIN 284, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION .
57370005 1 MTWR 1:20-4:20
MEETS: JUNE 13-JULY 8
Note: Materials and equipment use fee $525.00
PRE-INTERN KIN&HLTH KIN 285 1-2 CREDITS
Prereq: KINESIOLOGY AND HEALTH MAJOR, AND PERMISSION OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
8750005 ARRANGED
MEETS: MAY 16-AUG 5
INDEPENDENT STUDY KIN 290 1 CREDIT
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

COACH THY&ADMIN ISS KIN 315 3 CREDITS
53720005 1 MTWR 8:00-5:00
ARRANGED
MEETS: MAY 16-20

BIOMECHANICS KIN 355 3 CREDITS
57520005 1 MTWR 9:50-11:30
MEETS: MAY 16-JULY 8

PHYSIOLOGY EXERCISE KIN 358 3 CREDITS
Prereq: PHYS 111 OR PHYS 115
57660005 1 MTWR 9:50-11:30
MEETS: MAY 16-JUNE 24

EXERCISE PSYCHOLOGY KIN 366 3 CREDITS
Prereq: PSYCH 101 OR PSYCH 230
71900005 MTWR 8:40-10:50
MEETS: JULY 11-AUG 5

MOTOR CONTROL LIFESP KIN 372 3 CREDITS
8750005 MTWRF 8:40-10:50
MEETS: MAY 16-AUG 5

INTERNSHIP MGT KIN 485A 1-16 CREDITS
Prereq: SENIOR CLASSIFICATION, ADVANCE REGISTRATION, C- OR BETTER IN KIN 458 AND KIN 459, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0
Satisfactory-Fail Only.
57720005 ARRANGED
MEETS: MAY 16-AUG 5
Note: Instructor permission required.

INTERNSHIP SPORT&ACT KIN 485B 1-16 CREDITS
Prereq: SENIOR CLASSIFICATION, ADVANCE REGISTRATION, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0
Satisfactory-Fail Only.
57730005 ARRANGED
MEETS: MAY 16-AUG 5
Note: Instructor permission required.

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

IND DEP 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.
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

KINESIOLOGY

GOLF KIN 135 1 CREDIT
Satisfactory-Fail Only.
56780005 MTWR 8:40-9:40
MEETS: MAY 16-JUNE 30
Note: Materials and equipment use fee $50.00
KINESIOLOGY

SPL TOP MOTOR BEHAV KIN 590G 1-3 CREDITS
Note: Instructor permission required 1st week.

SPL TOP BIOMECHANICS KIN 590H 1-3 CREDITS
Note: Instructor permission required 1st week.

SPL TOP RSRC ETHCS KIN 590I 1-3 CREDITS
Note: Instructor permission required 1st week.

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.

SUP FLD EXP EX PHYS KIN 591D 1-6 CREDITS
Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
Note: Instructor permission required 1st week.

CREATIVE COMPONENT KIN 599 1-3 CREDITS
Note: Instructor permission required 1st week.

RESEARCH KIN 699 1-6 CREDITS
Note: Instructor permission required 1st week.

LANDSCAPE ARCHITECTURE

LAND ARCH INTERNSHIP L A 444A R CREDIT
Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR
MEETS: MAY 16-AUG 5

L ARCH STUDY ABROAD L A 444B R CREDIT
Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR
MEETS: MAY 16-AUG 5

LA NAT'L STD TCHNG L A 444C R CREDIT
Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR
MEETS: MAY 16-AUG 5

IND STDY LAND DSIGN L A 490A 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.

IND STDY PLNTNG DSN L A 490B 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.

IND STDY CONSTRUCT L A 490C 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.

INDEP STDY HISTORY L A 490D 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.

IND STU LANDSC PLAN L A 490E 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.

IND STDY URBAN DSN L A 490F 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.

INDEP STDY GRAPHICS L A 490G 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.

INDEP STDY HONORS L A 490H 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Course restricted to Honors Program students only.

IND STUDY INTERDISC L A 490I 1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
LANDSCAPE ARCHITECTURE  
(CONTINUED)

CREATIVE COMPONENT  L A  599  1-8 CREDITS
Prereq: PERMISSION OF MAJOR PROF
Note: Instructor permission required 1st week.
*******  SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH  L A  699  1-8 CREDITS
Prereq: PERMISSION OF MAJOR PROFESSOR
Note: Instructor permission required 1st week.
*******  SEE DEPT FOR REFERENCE NUMBERS

LIBRARIES

INFORMAT LITERACY  LIB  160  1 CREDIT
Prereq: COMPLETION OF ENGL 101 REQUIRED FOR STUDENTS WHOSE NATIVE LANGUAGE IS NOT ENGLISH
Satisfactory-Fail Only.
4862005  1 MW 11:00-12:00
MEETS: JUNE 13-JULY 8
4862010  2 TR 1:20-2:20, ARRANGED
MEETS: JUNE 13-JULY 8

LINGUISTICS

COMUNICAT WITH DEAF LING 286  3 CREDITS
Note: Meets U.S. diversity regmt
8597600  XW ARRANGED
MEETS: MAY 16-JUNE 24
Note: Section XW is off campus
Course delivery is WWW

LANGR&DV DEVEL CHLD  LING 471  3 CREDITS
Frcrd: CMDIS 275 OR PSYCH 230 OR ENGL 219
8606600  XW ARRANGED
MEETS: MAY 16-JUNE 24
Note: Section XW is off campus
Course delivery is WWW

IND STU LINGUISTIC  LING 490B VAR. CREDITS
Frcrd: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE TO THE TOPIC, OR CLASSIFICATION, PERMISSION OF THE UNDERGRADUATE STUDIES COMMITTEE
Note: Department permission required.
*******  SEE DEPT FOR REFERENCE NUMBERS

LIBERAL ARTS & SCIENCES

SPECIAL PROJECTS  LAS  290D  1-3 CREDITS
Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION, PERMISSION OF LAS DEAN
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL PROJ CATT CNTR  LAS  290G  1-3 CREDITS
Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION, PERMISSION OF THE DIRECTOR OF THE CATT CENTER
Note: PERMISSION OF DIRECTOR OF THE CATT CENTER
REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES CENTER.
*******  SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP  LAS  298  R CREDIT
Prereq: PERMISSION OF LAS CAREER SERVICES, SOPHOMORE CLASSIFICATION
Note: Instructor permission required.
Satisfactory-Fail Only.
*******  SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP  LAS  398  R CREDIT
Prereq: PERMISSION OF LAS CAREER SERVICES, JUNIOR CLASSIFICATION
Note: Instructor permission required.
Satisfactory-Fail Only.
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STU ENTREPRENURSH  LAS  490E VAR. CREDITS
Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE
Note: PERMISSION OF THE DEAN OF LAS REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES CENTER. NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED TOWARD GRADUATION. College permission required.
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR  LAS  490G VAR. CREDITS
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2016.
NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED TOWARD GRADUATION.
Department permission required.
*******  SEE DEPT FOR REFERENCE NUMBERS

SERVICE LEARNING  LAS  491A  1-4 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2016
*******  SEE DEPT FOR REFERENCE NUMBERS

SRVC LRN INTL PERSP  LAS  491C  1-4 CREDITS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2016
Meets international perspectives regmt
*******  SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP  LAS  498  R CREDIT
Prereq: PERMISSION OF LAS CAREER SERVICES, SENIOR CLASSIFICATION
Note: Instructor permission required.
Satisfactory-Fail Only.
*******  SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP  LAS  499  1-4 CREDITS
Prereq: PERMISSION OF LAS CAREER SERVICES
*******  SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT

ENTREPRENURSHIP&INNOV MGMT  310  3 CREDITS
Frcrd: SOPHOMORE CLASSIFICATION
5318005  A MW 10:00-11:30, ARRANGED
MEETS: JUNE 13-JULY 8
Note: SEC A IS A HYBRID CLASS THAT WILL MEET MONDAYS WEDNESDAYS WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE. NOT OPEN TO P BUS MAJORS. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

MANAGMT ORGANIZATNS MGMT  370  3 CREDITS
Frcrd: COURSE NOT OPEN TO P BUS MAJORS
5282005  A1 MTWRF 9:50-11:50
MEETS: JUNE 13-JULY 8
Note: SEC A IS RESTRICTED TO ACCT, AG B, AN S, AST, BUS S, BUS U, BUSEC, DS Y, FIN, FS A, HORT, I TEC, MGMT, MIS, MGT, SCM UNDERGRAD MAJORS
5282010  A2 MTWRF 9:50-11:50
MEETS: JUNE 13-JULY 8
Note: SEC B IS RESTRICTED TO ACCT, AG B, AN S, AST, BUS S, BUS U, BUSEC, DS Y, FIN, FS A, HORT, I TEC, MGMT, MIS, MGT, SCM UNDERGRAD MAJORS

Note: Instructor permission required.

8597600  XW ARRANGED
MEETS: MAY 16-JUNE 24
Note: Section XW is off campus
Course delivery is WWW

LANGR&DG DEVEL CHLD  LING 471  3 CREDITS
Frcrd: CMDIS 275 OR PSYCH 230 OR ENGL 219
8606600  XW ARRANGED
MEETS: MAY 16-JUNE 24
Note: Section XW is off campus
Course delivery is WWW
MANAGEMENT INFORMATION SYSTEMS

FUND CPRMNG MISS 207 3 CREDITS
Prereq: MATH 150 OR PLACEMENT INTO MATH 140/141 MATH 145 OR HIGHER
4663005 A MTHRWF 11:00-12:00
TR 1:10-2:100 MEETS: MAY 16-JUNE 8

MGMT INFO SYSTEMS MISS 301 3 CREDITS
Prereq: COM S 113 OR BUSAD 150
4394005 A A MTHRWF 12:10-2:10
MEETS: JUNE 13-JUNE 8
Note: SECTION A1 RESTRICTED TO MAJORS OTHER THAN ACCT, AG B, AST, BUS S, BUS U, BUSAD, BUSEC, FIN, I TEC, MGMT, MIS, MKT, P BUS, SCM UNDERGRAD MAJORS

INDEPENDENT STUDY MISS 490 1-3 CREDITS
Prereq: MGMT 370, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS MISS 590 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM I MISS 650 1 CREDIT
Prereq: ENROLLMENT IN THE PH D PROGRAM
******* SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT INFORMATION SYSTEMS

1ST SS 2016
MATHEMATICS

INTRO TO PROBABILITY  MATH 104  3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM.
Note: CREDIT FOR EITHER MATH 104 OR MATH 145, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 104 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5128600  XW ARRANGED
MEETS: JUNE 13-AUG 5
Note: Section XW is off campus
Course delivery is WWW

COLLEGE ALGEBRA  MATH 140  3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM.
Note: CREDITS EARNED IN MATH 104 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY NOT APPLY MATH 140 TOWARD THE GEN ED REQUIREMENTS FOR GRADUATION.

5132005  A MTWRF 9:50-10:50
MEETS: MAY 16-JUNE 8
5132010  B MTWRF 11:00-12:00
MEETS: MAY 16-JULY 8
5132020  C MTWR 2:30-3:40
MEETS: MAY 9-JULY 9
5132600  XW ARRANGED
MEETS: JUNE 13-AUG 5
Note: Section XW is off campus
Course delivery is WWW

PREP FOR CALCULUS  MATH 143  4 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM.
Note: CREDIT FOR EITHER MATH 143 OR MATH 145, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 141, MATH 143. STUDENTS IN THE LAS COLLEGE MAY NOT APPLY MATH 143 TOWARD GENERAL EDUCATION REQUIREMENTS.

7342005  MTWRF 8:40-10:00
MEETS: JUNE 13-AUG 5

APPLIED TRIGONOMETRY  MATH 145  3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM.
Note: CREDIT FOR EITHER MATH 143 OR MATH 145, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 141, MATH 143. STUDENTS IN THE LAS COLLEGE MAY NOT APPLY MATH 143 TOWARD GENERAL EDUCATION REQUIREMENTS.

9173005  MTWRF 8:40-9:40
MEETS: MAY 16-JULY 8

DISC MATH BUS&SOC S  MATH 150  3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM.
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.

5153005  A MTWRF 9:50-10:50
MEETS: MAY 16-JUNE 8
5153010  B MTWR 11:00-12:00
MEETS: MAY 16-JULY 8

BUS & SOC SCI CALC  MATH 151  3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM.
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.

5136005  A MTWRF 9:50-10:50
MEETS: MAY 16-JUNE 8
5136010  B MTWR 11:00-12:00
MEETS: MAY 16-JULY 8
5136015  C MTWR 12:10-1:10
MEETS: MAY 16-JUNE 8

CALCULUS I  MATH 165  4 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM.
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.

5138005  A MTWRF 8:40-10:00
MEETS: MAY 16-JUNE 8
5138010  B MTWRF 8:40-10:00
MEETS: JUNE 13-AUG 5
5138015  C MTWR 8:40-10:00
MEETS: MAY 16-JUNE 8
5138600  XW ARRANGED
MEETS: JUNE 13-AUG 5
Note: Section XW is off campus

MATH FORElem Ed II  MATH 196  3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM.
Note: CREDIT FOR EITHER MATH 165 OR MATH 196 AND ECONOMICS IN ELEMENTARY EDUCATION OR EARLY CHILDHOOD EDUCATION.

5161015  B MTWRF 8:40-9:40
MEETS: JUNE 13-AUG 5
5161020  C MTWRF 8:40-9:40
MEETS: JUNE 13-AUG 5

MATRICES/LINEAR ALGEBRA  MATH 207  3 CREDITS
Prereq: 2 SEMESTERS OF CALCULUS.

5151020  C MTWRF 9:50-11:10
MEETS: MAY 16-JULY 8
5151015  B MTWRF 9:50-11:10
MEETS: MAY 16-JULY 8
5151020  C MTWRF 9:50-11:10
MEETS: MAY 16-JULY 8

DIFF EQ & TRANSFORMS  MATH 267  4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 160 OR MATH 161H.

5152005  A MTWRF 12:10-1:30
MEETS: JUNE 13-AUG 5
5152015  B MTWRF 12:10-1:30
MEETS: JUNE 13-AUG 5
5152010  C MTWRF 12:10-1:30
MEETS: JUNE 13-AUG 5

LAPLACE TRANSFORMS  MATH 268  1 CREDIT
Prereq: MATH 267. Instructor permission required.

******     SEE DEPT FOR REFERENCE NUMBERS
MATHEMATICS (CONTINUED)

INDEPENDENT STUDY MATH 290 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
5156005 ARRANGED
MEETS: MAY 16-AUG 5

INDEP STUDY HONORS MATH 290H 1- 3 CREDITS
Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM, PERMISSION OF INSTRUCTOR
Note: Department permission required.
5157005 ARRANGED
MEETS: MAY 16-AUG 5

COOPERATIVE EDUC MATH 398 R CREDIT
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
4551005 ARRANGED
MEETS: MAY 16-JULY 8

ANALYSIS I MATH 414 3 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 201
5171005 MTFWR 11:00-12:00
MEETS: MAY 16-JULY 8

INDEPENDENT STUDY MATH 490 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF MATH 490 OR MATH 490H MAY BE APPLIED TOWARD GRADUATION
5182005 ARRANGED
MEETS: MAY 16-AUG 5

Note: Department permission required.

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 ARRANGED
MEETS: MAY 16-AUG 5

UNDERGRAD SEMINAR MATH 492 2 CREDITS
Prereq: MATH 317 OR MATH 407
Note: COURSE RESTRICTED TO MATH GRAD STUDENTS ONLY
6698005 A ARRANGED
MEETS: JUNE 13-AUG 5
6698010 B ARRANGED
MEETS: JUNE 13-AUG 5
6698015 C ARRANGED
MEETS: JUNE 13-AUG 5
6698020 D ARRANGED
MEETS: MAY 16-JULY 8
6698025 E ARRANGED
MEETS: JUNE 13-AUG 5

INTRO REAL ANALYSIS MATH 501 3 CREDITS
Prereq: MATH 265, MATH 207 OR MATH 317
7394005 MTFWR 9:40-10:40
MEETS: MAY 16-JULY 8

ED SEM TCH ANLYAALG MATH 540C 1 CREDIT
Prereq: ENROLLMENT IN THE MASTER OF SCHOOL MATHEMATICS PROGRAM OR PROFESSIONAL STUDIES IN EDUC
6506005 W 11:10-1:20
MEETS: JUNE 13-JULY 29

INTERMED CALCULUS MATH 545 4 CREDITS
Prereq: 3 SEMESTERS OF CALCULUS & ENROLLMENT IN THE MASTER OF SCHOOL MATHEMATICS PROGRAM
5212005 MTFWR 9:40-11:00
MEETS: JUNE 13-JULY 29

ALGTH &PRTR IMPLM MATH 546 3 CREDITS
Prereq: 3 SEMESTERS IN CALCULUS OR CONCURRENT ENROLLMENT MATH 545 AND ENROLLMENT IN THE MASTER OF SCHOOL MATHEMATICS PROGRAM
5213005 MTFWR 9:40-11:00
MEETS: JUNE 13-JULY 29

INDEPENDENT STUDY MATH 590 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

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

SEMINAR MATH 610 VAR. CREDITS
Note: COURSE OFFERED FOR 2 CREDITS SUMMER 2016
5231005 LH ARRANGED
MEETS: JUNE 13-AUG 5

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

MECHANICAL ENGINEERING

ENGR THERMODYNMS I M E 231 3 CREDITS
Prereq: MATH 265, CHEM 167, PHYS 222
Note: CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT BOTH, MAY APPLY TOWARDS GRADUATION
4877005 A MTFWR 12:10-1:30
MEETS: MAY 16-JUNE 24
Note: SECTION A RESTRICTED TO ENGINEERING COLLEGE MAJORS ONLY

COOPERATIVE EDUC MN M E 298 R CREDIT
Prereq: PERMISSION OF DEPT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

MECH COMPONENT DSGN M E 325 3 CREDITS
Prereq: M E 170, M E 324, STAT 305
6287005 A MTFWR 7:30-8:55
MEETS: MAY 16-JUNE 24
Note: SECTION A RESTRICTED TO M E MAJORS ONLY

ENGR THERMODYNMS II M E 332 3 CREDITS
Prereq: M E 231
Note: COURSE RESTRICTED TO M E MAJORS ONLY
4878005 1 MTFWR 12:10-1:30
MEETS: JUNE 27-AUG 5

FLUID FLOW M E 335 4 CREDITS
Prereq: E M 345, MATH 266 OR MATH 267, CREDIT OR ENROLLMENT IN M E 332.
Note: CREDIT RESTRICTED TO M E MAJORS ONLY
5703005 1 MTFWR 11:00-12:20
TR 2:30-4:55
MEETS: MAY 16-JUNE 24
5703010 2 MTFWR 11:00-12:20
WF 2:30-4:55
MEETS: MAY 16-JUNE 24

ENGINEERING MEASUREMENTS M E 370 3 CREDITS
Prereq: E M 442, STAT 305
Note: COURSE RESTRICTED TO M E MAJORS ONLY
4881005 1 MTFWR 1:20-2:20
WF 2:30-5:30
MEETS: MAY 16-JUNE 24

SUMMER INTERNSHIP M E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

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

SYST DYNAM &CONTROL M E 421 4 CREDITS
Prereq: E M 345, MATH 267, E M 442, E M 448
Note: COURSE RESTRICTED TO M E MAJORS ONLY
6310005 1 MTFWR 12:10-1:30
MN 2:30-4:55
MEETS: MAY 16-JUNE 24
6310010 2 MTFWR 12:10-1:30
TR 2:30-4:55
MEETS: MAY 16-JUNE 24
6310015 3 MTFWR 12:10-1:30
TR 1:20-3:45
MEETS: MAY 16-JUNE 24

HEAT TRANSFER M E 436 4 CREDITS
Prereq: M E 335
Note: COURSE RESTRICTED TO A E, CON E, M E MAJORS ONLY
5711005 1 MTFWR 9:50-11:10
MN 2:30-4:55
MEETS: JUNE 27-AUG 5
5711010 2 MTFWR 9:50-11:10
TR 2:30-4:55
MEETS: JUNE 27-AUG 5
5711015 3 MTFWR 9:50-11:10
MN 12:00-2:25
MEETS: JUNE 27-AUG 5

INDEP STUDY HONORS M E 490H 1- 6 CREDITS
Prereq: 3 SEMESTERS IN CALCULUS OR CONCURRENT ENROLLMENT M E 490 OR M E 330, BUT NOT BOTH, MAY APPLY TOWARDS GRADUATION
5112005 A MTFWR 7:30-9:20
MEETS: MAY 16-JUNE 24
Note: SECTION A RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
******* SEE DEPT FOR REFERENCE NUMBERS

IND STY THERMODYN M E 490J 1- 6 CREDITS
Prereq: PERMISSION OF DEPT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU NUCL ENGR M E 490M 1- 6 CREDITS
Prereq: PERMISSION OF DEPT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS
MECHANICAL ENGINEERING  
(Continued)

IND STU DSGSNOPTMIZ  M E  4900  1-6 CREDITS
Prereq: SENIOR CLASSIFICATION
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STU MATRLS PROC  M E  490Q  1-6 CREDITS
Prereq: SENIOR CLASSIFICATION
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STU THERMO-FLUI  M E  490R  1-6 CREDITS
Prereq: SENIOR CLASSIFICATION
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STU EMERGI AREA  M E  490S  1-6 CREDITS
Prereq: SENIOR CLASSIFICATION
*******  SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC  M E  498  R CREDIT
Prereq: M E 298, PERMISSION OF DEPARTMENT AND
ENGINEERING CAREER SERVICES
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP LIT INVESTG  M E  590Q  1-8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TP BI04NANO SCI  M E  590T  1-8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TP CPLX FLU SY  M E  590U  1-8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CLEAN ENRGY  M E  590V  1-8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TP DS&MFG INNOV  M E  590W  1-8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TP SIMULVISUALZ  M E  590Z  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  6900  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LIT INVESTG  M E  690Q  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP BIOL4NANOSC  M E  690T  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CPLX FLU SY  M E  690U  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CL ENRG TC  M E  690V  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TP DS&MFG INNOV  M E  690W  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SIMULVISUAL  M E  690Z  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP  M E  697  R CREDIT
Prereq: PERMISSION OF DIRECTOR OF GRADUATE
EDUCATION, GRAD CLASSIFICATION
Satisfactory-Fail Only.
8151005  ARRANGED
MEETS: MAY 16-AUG 5

RESEARCH  M E  699  VAR. CREDITS
Satisfactory-Fail Only.
*******  SEE DEPT FOR REFERENCE NUMBERS

MEASUREMENT

INTRO WEATHER&CLIM  MTEOR 206  3 CREDITS
5375600  XW  ARRANGED
MEETS: MAY 16-AUG 5
Note: Section XW is off campus
Course delivery is WNN

COOPERATIVE EDUCAT  MTEOR 298  R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
4813005  ARRANGED
MEETS: MAY 16-AUG 5

METEOROL INTERNSHIP  MTEOR 321  1-2 CREDITS
Prereq: MTEOR 311; JR OR SR STANDING; PERMISSION
OF COOP PROGRAM COORDINATION; ACCEPTANCE BY SPONSORING AGENCY
Satisfactory-Fail Only.
5381005  ARRANGED
MEETS: MAY 16-AUG 5

INSTRUMENTATION

IND STUDY SYNOPTIC  MTEOR 490A  1-3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8424005  ARRANGED
MEETS: MAY 16-AUG 5

INDEP STUDY DYNAMIC  MTEOR 490B  1-3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8425005  ARRANGED
MEETS: MAY 16-AUG 5

IND STU PHYSICAL  MTEOR 490C  1-3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8426005  ARRANGED
MEETS: MAY 16-AUG 5

IND STU CLIMATE/WTR  MTEOR 490F  1-3 CREDITS
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
3583005  ARRANGED
MEETS: MAY 16-AUG 5

COOPERATIVE EDUCAT  MTEOR 498  R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4824005  ARRANGED
MEETS: MAY 16-AUG 5

SPL TOP BOUND-LAYER  MTEOR 590A  1-3 CREDITS
8427005  ARRANGED
MEETS: MAY 16-AUG 5

SPL TOPICS TROPICAL  MTEOR 590B  1-3 CREDITS
8429005  ARRANGED
MEETS: MAY 16-AUG 5

SPL TOPCS MESOSCALE  MTEOR 590C  1-3 CREDITS
8430005  ARRANGED
MEETS: MAY 16-AUG 5

SPL TOP GLOBAL SYST  MTEOR 590D  1-3 CREDITS
8431005  ARRANGED
MEETS: MAY 16-AUG 5

SPL TOP CLIM MODEL  MTEOR 590E  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
8432005  ARRANGED
MEETS: MAY 16-AUG 5

SPL TOP NUMERI PRED  MTEOR 590F  1-3 CREDITS
Prereq: DELIVERY OF INSTRUCTOR
8433005  ARRANGED
MEETS: MAY 16-AUG 5

SPL TOP SATEL OBSRV  MTEOR 590G  1-3 CREDITS
8434005  ARRANGED
MEETS: MAY 16-AUG 5

SPL TOP STAT METHODS  MTEOR 590H  1-3 CREDITS
8435005  ARRANGED
MEETS: MAY 16-AUG 5

SPL TOP FIELD OBSRV  MTEOR 590I  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
84370005  ARRANGED
MEETS: MAY 16-AUG 5
### METEROLOGY (CONTINUED)

<table>
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<th>Credits</th>
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### MICROBIOLOGY

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### MILITARY SCIENCE

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### MOLECULAR CELLULAR DEV BIOLOGY

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### MUSIC

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**Prerequisites:**
- Audition, Instructor Permission, Music Majors Only
- Note: Course only offered for 1-2 credits summer 2016
- Applied Music fee $150.00-$190.00

**Additional Information:**
- Ability, Permission of Instructor

**Notes:**
- Course only offered for 1-2 credits summer 2016
- Applied Music fee $150.00-$190.00
MUSIC (CONTINUED)

INDEPENDENT STUDY THEORETICAL MUSIC 490B VAR. CREDITS
Prereq: Instructor permission, 12 credits in music, approval of department head.
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY COMPOSITION MUSIC 490C VAR. CREDITS
Prereq: Instructor permission, 12 credits in music, approval of department head.
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HISTORY MUSIC 490D VAR. CREDITS
Prereq: Instructor permission, 12 credits in music, approval of department head.
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY LITERATURE MUSIC 490E VAR. CREDITS
Prereq: Instructor permission, 12 credits in music, approval of department head.
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS MUSIC 490F VAR. CREDITS
Prereq: Instructor permission, 12 credits in music, approval of department head, membership in university honors program.
Note: Course restricted to honors program students only.
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS EDUC MUSIC 590A VAR. CREDITS
Prereq: Permission of instructor, approval of department head.
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 COMPOSITION 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 LITERATURE MUSIC 590E VAR. CREDITS
Prereq: Permission of instructor, approval of department head.
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL 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

SPL TOPICS ELECTRONIC MUSIC MUSIC 590I VAR. CREDITS
Prereq: Permission of instructor, approval of department head.
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ANIMAL ECOLOGY AND MANAGEMENT
Note: Tuition Category: Iowa Lakeside Lab.
Note: Permission of Lakeside Lab Office required.
Note: Meets international perspectives requirement.
Note: SEC BZ taught in Belize: Maya Mountains & Calabash Caye. SUMMER 2016.
Note: Offered for 3 credits.
Note: Study Abroad Administrative Fee Applies.
Note: Tuition Category: Iowa Lakeside Lab.
Note: Permission of Lakeside Lab Office required.
Note: Meets international perspectives requirement.
Note: SEC BZ taught in Belize: Maya Mountains & Calabash Caye. SUMMER 2016.
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Note: Permission of Lakeside Lab Office required.
Note: Meets international perspectives requirement.
Note: SEC BZ taught in Belize: Maya Mountains & Calabash Caye. SUMMER 2016.
Note: Materials and professional support fee $90.00

PERFORMING ARTS

PEFORM ARTS INTERN PERF 310 R CREDIT
Satisfactory-Fail Only.
3670005
ARRANGED
MEETS: MAY 16-AUG 5

PERFORM ARTS SEMINAR PERF 401 2 CREDITS
3706005
ARRANGED
MEETS: MAY 16-JULY 8

PHILOSOPHY

MORAL THEOR&PRACTICE PHIL 230 3 CREDITS
A MTRWF 9:50-11:50
5827005
MEETS: MAY 16-JUNE 10

PHILOSOPHY OF LAW PHIL 332 3 CREDITS
Prereq: PHIL 201 OR PHIL 230
Note: Instructor permission required 1st week.
5836005
A MTRWF 8:40-10:40
MEETS: MAY 16-JUNE 10

INDEPENDENT STUDY PHIL 490 1-4 CREDITS
Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTRUCTOR; APPROVAL OF CHAIR
Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS PHIL 490H 1-4 CREDITS
Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTRUCTOR; APPROVAL OF CHAIR
Note: NO MORE THAN 9 CREDITS OF PHIL 490H MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.

GRADUATING SR SURVEY PHIL 492 R CREDIT
Note: COURSE RESTRICTED TO PHIL SENIORS GRADUATING 1'16
Satisfactory-Fail Only.
3891005
ARRANGED
MEETS: MAY 16-AUG 5

TCHRS BIOETHC WKSHP PHIL 548 1 CREDIT
MWF 9:00-10:30
5903005
MEETS: JUNE 13-16
Note: Tuition Category: Workshop

SPL TOP HISTORY P PHIL 590A 2-4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5850005
ARRANGED
MEETS: MAY 16-AUG 5

SPL TOP EPISAMETAPH PHIL 590B 2-4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5851005
ARRANGED
MEETS: MAY 16-AUG 5

SPL TOP VALUE THRY PHIL 590C 2-4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
Note: Instructor permission required.
5852005
ARRANGED
MEETS: MAY 16-AUG 5

SPL TOP LOGIC&SCI PHIL 590D 2-4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5853005
ARRANGED
MEETS: MAY 16-AUG 5

PHYSICS

GENERAL PHYSICS PHYS 111 5 CREDITS
Prereq: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
Note: IF A STUDENT ENROLLED IN 111 FOR SPRING 2016 REGISTERS FOR 111 FOR SUMMER 2016 BEFORE SPRING 2016 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM THE STUDENT'S SCHEDULE
5857005
A MTRWF 9:50-11:10
TWF 9:50-10:50
MW 7:30-9:40
MEETS: JUNE 13-AUG 5
Note: Materials and professional support fee $90.00
5857010
2 MTRWF 12:10-1:10
TWF 11:00-12:00
MW 1:20-3:30
MEETS: JUNE 13-AUG 5
Note: Materials and professional support fee $90.00
5857015
3 MTRWF 12:10-1:10
TWF 11:00-12:00
MW 3:40-5:50
MEETS: JUNE 13-AUG 5
Note: Materials and professional support fee $90.00

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

UNDERGRAD RESEARCH PHYS 450L 1-6 CREDITS
Prereq: PHYS 451, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY PHYS 490 1-4 CREDITS
Prereq: 6 CREDITS IN PHYS, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS PHYS 490H 1-4 CREDITS
Prereq: 6 CREDITS IN PHYS, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF PHYS 490H MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM
******* SEE DEPT FOR REFERENCE NUMBERS
COOPERATIVE EDUCATION PHYS 498 R CREDIT
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4746005 ARRANGED
MEETS: MAY 16-AUG 5

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

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
INDED STY PLT PATH PL P 490A 1-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CR IN BIOLOGICAL SCIENCE, 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 INDED STY PL P 490H 1-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CR IN BIOL SCI, INSTN 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
3150005 ARRANGED
MEETS: MAY 16-AUG 5

PLANT NEMATOLOGY PL P 574 2 CREDITS
Prereq: PL P 408 OR PL P 416
Note: CREDIT IN EITHER PL P 574 OR THE PL P 574 AND 575X PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5951005 MW 9:00-10:45
MEETS: MAY 16-JULY 8

LAB TCNW PLT NEMATO PL P 574L 1 CREDIT
Prereq: 8 CR BIOLOGICAL SCI, INCLUDING BIOL 211 OR EQUIV. CONCURRENT ENROLLMENT IN PL P 574 REQUIRED.
1393005 TR 9:00-11:40
MEETS: MAY 16-JULY 8

SPECIAL TOPICS PL P 590 1-3 CREDITS
Prereq: 10 CR IN BIOLOGICAL SCIENCES, INSTN PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

THERESIADS RESEARCH PL P 699 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE
INDER AMERIC GOVERN POL S 215 3 CREDITS
Prereq: 6 CR IN POLITICAL SCIENCE
5991000 WY ARRANGED ANDERSEN D
MEETS: JULY 11-AUG 5
Note: Section XW is off campus
Course delivery is WWW

INDEP CMPR GOVT&POL POL S 241 3 CREDITS
Prereq: Meets international perspectives reqm
5993005 MWF 1:20-3:20 REN Y
MEETS: MAY 16-JUNE 10
Note: Meets international perspectives reqm

SPL TOP INTL RELATN POL S 315 2 CREDITS
Prereq: USE OF POL S 312, 313, 314, 315 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRAD STUDIES SECTION OF CATALOG FOR DETAILS.
Meets international perspectives reqm
8813605 XV ARRANGED MANSBACH R
MEETS: MAY 30-JUNE 10
Note: Section XW is off campus
Course delivery is WWW

8813600 XV ARRANGED MANSBACH R
MEETS: MAY 16-27
Note: Section XW is off campus
Course delivery is WWW

POLITICS & SOCIETY POL S 334 3 CREDITS
Prereq: A COURSE IN POL S OR SOC
7403600 XV ARRANGED DOBRATZ B
MEETS: JUNE 13-JULY 8
Note: Section XW is off campus
Course delivery is WWW

ADV WRITING POL SCI POL S 395 R CREDIT
Satisfactory-Fail only
******* SEE DEPT FOR REFERENCE NUMBERS

POLIT COASTAL AREAS POL S 442 3 CREDITS
8488600 XX ARRANGED SCHMIDT S
MEETS: MAY 16-JUNE 24
Note: Section XW is off campus
Course delivery is WWW

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.
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY THRY&METHD POL S 490B VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INT'L RELA POL S 490D VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY COMPAR POL POL S 490C VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 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 STUDY CREDS TCTNTR POL S 490G VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS POL S 490H VAR. CREDITS
Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
### Political Science (Continued)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Meeting Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL S 491</td>
<td>Senior Thesis</td>
<td>3</td>
<td>21 credits of POL S, senior status and instructor permission required.</td>
<td>May 16 - Aug 5</td>
</tr>
<tr>
<td>POL S 496</td>
<td>Teaching Internship</td>
<td>3</td>
<td>12 credits of POL S, instructor permission required.</td>
<td>May 16 - Aug 5</td>
</tr>
<tr>
<td>POL S 599</td>
<td>Creative Component</td>
<td>Var.</td>
<td>6 credits</td>
<td>May 16 - Aug 5</td>
</tr>
</tbody>
</table>

### Psychology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Meeting Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 230</td>
<td>Developmental Psych</td>
<td>3</td>
<td></td>
<td>May 16 - June 24</td>
</tr>
<tr>
<td>PSYCH 302</td>
<td>Research Methods in Psychology</td>
<td>3</td>
<td>Psych 101, Engr 250</td>
<td>May 16 - Aug 5</td>
</tr>
<tr>
<td>PSYCH 490</td>
<td>Independent Study</td>
<td>Var.</td>
<td></td>
<td>May 16 - Aug 5</td>
</tr>
<tr>
<td>PSYCH 699</td>
<td>Research</td>
<td>Var.</td>
<td>Instructor permission required 1st week.</td>
<td></td>
</tr>
</tbody>
</table>
RELIGIOUS STUDIES

INTRO TO RELIGION RELIG 205 3 CREDITS
Note: Meets international perspectives reqmt
6109005 A MTHR 9:30-11:30
MEETS: MAY 16-JUNE 10
6109600 XW ARRANGED ESLINGER B
MEETS: JUNE 13-AUG 5
Note: Section XW is off campus
Course delivery is WWW

RELIGION IN AMERICA RELIG 210 3 CREDITS
Note: Meets U.S. diversity reqmt
6188005 A MTHR 11:00-1:00
MEETS: MAY 16-JUNE 10
6188600 XW ARRANGED BADO-FRALICK N
MEETS: MAY 16-AUG 5
Note: Section XW is off campus
Course delivery is WWW

RESEARCH & EVALUATION

SPECIAL TOPICS RESEV 590 1-3 CREDITS
Prereq: GRADUATE STANDING
******* SEE DEPT FOR REFERENCE NUMBERS
6346600 XW ARRANGED KRIER D
MEETS: MAY 16-JUNE 10
Note: No more than 3 credits in RUS 499 may be applied toward graduation
INDEPENDENT STUDY RUS 490 1-6 CREDITS
Prereq: 9 credits of Russian at the 300 level; permission of Department Chair required.
******* SEE DEPT FOR REFERENCE NUMBERS
6347600 XW ARRANGED SCHWEINGRUBER D
MEETS: MAY 16-JUNE 8
Note: Section XW is off campus
Course delivery is WWW
6350600 XW ARRANGED HOCHSTETLER A
MEETS: JULY 11-AUG 5
Note: Section XW is off campus
Course delivery is WWW

SOCIOLOGY

INTRO TO SOCIOLOGY SOC 134 3 CREDITS
Note: Meets international perspectives reqmt
6346600 XW ARRANGED KRIER D
MEETS: MAY 16-JUNE 8
Note: Section XW is off campus
Course delivery is WWW
6347600 XW ARRANGED SCHWEINGRUBER D
MEETS: MAY 16-JUNE 8
Note: Section XW is off campus
Course delivery is WWW

SOCIAL PROBLEMS SOC 235 3 CREDITS
Prereq: SOC 134
Note: Meets U.S. diversity reqmt
6346600 XW ARRANGED KRIER D
MEETS: MAY 16-JUNE 8
Note: Section XW is off campus
Course delivery is WWW
6347600 XW ARRANGED SCHWEINGRUBER D
MEETS: MAY 16-JUNE 8
Note: Section XW is off campus
Course delivery is WWW

YOUTH & CRIME SOC 241 3 CREDITS
6350600 XW ARRANGED HOCHSTETLER A
MEETS: JULY 11-AUG 5
Note: Section XW is off campus
Course delivery is WWW

POLITICAL SCIENCE SOC 334 3 CREDITS
Prereq: A COURSE IN POLITICAL SCIENCE OR
SOCIOLOGY
7410600 XW ARRANGED DOBRATZ B
MEETS: JUNE 13-JULY 8
Note: Section XW is off campus
Course delivery is WWW
SOFTWARE ENGINEERING

COOPERATIVE EDUCATION S E 298 R CREDIT
Prereq: PERMISSION OF DEPT AND CAREER SERVICES

SUMMER INTERNSHIP S E 396 R CREDIT
Prereq: PERMISSION OF DEPT AND CAREER SERVICES

COOPERATIVE EDUCATION S E 398 R CREDIT
Prereq: S E 298, PERMISSION OF DEPT & CAREER SERVICES

INDEPENDENT STUDY S E 490 VAR. CREDITS
Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGR

COOPERATIVE EDUCATION S E 498 R CREDIT
Prereq: S E 398, PERMISSION OF DEPT & CAREER SERVICES

SPANISH

ELEMENTARY SPANISH I SPAN 101 4 CREDITS
6473005 1 MTWRF 8:40-11:40
MEETS: MAY 16-JUNE 10
Note: Materials and equipment use fee $25.00

ELEM SPANISH II SPAN 102 4 CREDITS
Prereq: SPAN 101, SPAN 97 OR PLACEMENT BY DEPARTMENTAL EXAM
Note: Meets international perspectives reqmt

INDEPENDENT STUDY SPAN 490 1-6 CREDITS
Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
Note: No more than 6 CREDITS in SPAN 490 may be applied toward graduation.

SPAIN TODAY SPAN 323 3 CREDITS
Prereq: ONE SPAN COURSE AT THE 300 LEVEL
Note: Meets international perspectives reqmt

STUDY ABROAD SPAN 395 1-10 CREDITS
Prereq: 2 YRS UNIV-LEVEL SPANISH OR EQUIVALENT

SPAIN INTERNSHIP SPAN 499 1-3 CREDITS
Prereq: 9 CREDITS IN SPANISH; PERMISSION OF DEPT CHAIR
Note: No more than 3 CREDITS in SPAN 499 may be applied toward graduation.

INDEPENDENT STUDY SPAN 490 1-6 CREDITS
Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
Note: No more than 6 CREDITS in SPAN 490 may be applied toward graduation.

INDEPENDENT STUDY SPAN 490 1-6 CREDITS
Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR

STUDY ABROAD SPAN 395 1-10 CREDITS
Prereq: 2 YRS UNIV-LEVEL SPANISH OR EQUIVALENT

INDIVIDUAL STUDY SPAN 490 1-6 CREDITS
Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR

SPECIAL EDUCATION

INDEPENDENT STUDY SP ED 490 1-5 CREDITS
Prereq: 12 CR IN ED, PERMISSION OF DEPT CHAIR
Note: Department permission required 1st week.

SPEECH COMMUNICATION (CONTINUED)

SPEECH COMMUNICATION

FUND PUBLIC SPEAKING, SP CM 212 3 CREDITS
8643010 1 MTWRF 9:50-12:00
     MTWRF 9:50-12:00
     MEETS: MAY 16-JUNE 10
Note: On May 18 attend only the 9:50 A.M. lecture.
Lecture and discussion meet on an alternating schedule to be announced in first lecture. Class meets 2 hours, 10 minutes each day.

8643015 2 MTWRF 9:50-12:00
     MTWRF 9:50-12:00
     MEETS: MAY 16-JUNE 10
Note: On May 18 attend only the 9:50 A.M. lecture. Lecture is the second meeting time and location listed on the schedule. Lecture and discussion meet on an alternating schedule to be announced in first day of lecture.

8643020 3 MTWRF 9:50-12:00
     MTWRF 9:50-12:00
     MEETS: MAY 16-JUNE 10
Note: On May 18 attend only the lecture. Lecture is the second meeting time and location listed on the schedule. Lecture and discussion meet on an alternating schedule to be announced in first day of lecture.

8643025 4 MTWRF 9:50-12:00
     MTWRF 9:50-12:00
     MEETS: MAY 16-JUNE 10
Note: On May 18 attend only the lecture. Lecture is the second meeting time and location listed on the schedule. Lecture and discussion meet on an alternating schedule to be announced in first lecture. Class meets 2 hours, 10 minutes each day.

8643030 5 MTWRF 12:10-2:20
     MTWRF 9:50-12:00
     MEETS: MAY 16-JUNE 10
Note: On May 18 attend only the 9:50 A.M. lecture. Lecture and discussion meet on an alternating schedule to be announced in first day of lecture. Section 7 is a cross-cultural section. U.S. Students only. Meets jointly with sec 9.

8643035 6 MTWRF 12:10-2:20
     MTWRF 9:50-12:00
     MEETS: MAY 16-JUNE 10
Note: On May 18 attend only the 9:50 A.M. lecture. Lecture and discussion meet on an alternating schedule to be announced in first lecture. Class meets 2 hours, 10 minutes each day.

8643040 7 MTWRF 9:50-12:00
     MTWRF 9:50-12:00
     MEETS: MAY 16-JUNE 10
Note: On June 15 attend only the 9:50 A.M. lecture. Lecture and discussion meet on an alternating schedule to be announced in first day of lecture. Section 7 is a cross-cultural section. U.S. Students only. Meets jointly with sec 9.

8643045 8 MTWRF 9:50-12:00
     MTWRF 9:50-12:00
     MEETS: JUNE 13-JULY 8
Note: On June 15 attend only the lecture. Lecture is the second meeting time and location listed on the schedule. Lecture and discussion meet on an alternating schedule to be announced in first day of lecture. Section 8 is a cross-cultural section. International students only. Meets with sec 7.

8643050 9 MTWRF 12:10-2:20
     MTWRF 9:50-12:00
     MEETS: JUNE 13-JULY 8
Note: On June 15 attend only the 9:50 A.M. lecture. Lecture and discussion meet on an alternating schedule to be announced in first lecture. Class meets 2 hours, 10 minutes each day. Section 9 is a cross-cultural section. International students only. Meets with sec 8.

8643055 10 MTWRF 12:10-2:20
     MTWRF 9:50-12:00
     MEETS: JUNE 13-JULY 8
Note: On June 15 attend only the 9:50 A.M. lecture. Lecture and discussion meet on an alternating schedule to be announced in first lecture. Class meets 2 hours, 10 minutes each day. Section 10 is a cross-cultural section. International students only. Meets with sec 9.
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
6503005 A MWF 8:40-9:40 TP 1:20-3:20 MEETS: MAY 16-JULY 8

INTR BUSINES 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. RESTRICTED TO ACCT, BUS S, BUSAD, BUS U, BUSEC, ECON, FIN, 1 BUS, MGMT, MIS, MPT, BUS, SCN, AG B MAJORS ONLY.
3975005 A MTWF 8:40-9:40 MEETS: MAY 16-JULY 8
3975010 B MTWF 8:40-9:40 MEETS: MAY 16-JULY 8

ENGINEERING STAT STAT 305 3 CREDITS
Prereq: MATH 165 (OR MATH 165H)
Note: CREDIT FOR EITHER STAT 305 OR STAT 305, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
6509005 A MTWF 9:50-10:50 MEETS: MAY 16-JULY 8
Note: Instructor permission required 1st week.

INTR BUSINS STAT II STAT 326 3 CREDITS
Prereq: STAT 226
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 301, STAT 326, STAT 401
6510005 A MWF 8:40-9:40 TP 8:40-10:40 MEETS: MAY 16-JULY 8

PROBABILITY STAT COM SCI STAT 330 3 CREDITS
Prereq: MATH 166
7372005 A MTWF 9:50-10:50 MEETS: MAY 16-JULY 8

COOPERATIVE EDUCATN STAT 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR
1530005 ARRANGED MEETS: MAY 16-AUG 5

STAT METH FOR RCSCH STAT 401 4 CREDITS
Prereq: STAT 101 OR STAT 104 OR STAT 105 OR STAT 201 OR STAT 226
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 301, STAT 326, STAT 401. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION BY DIETETICS STUDENTS: STAT 301, STAT 495, STAT 542.
6514010 B MTWF 8:40-9:40 MR 9:50-11:50 MEETS: MAY 16-JULY 8
Note: SEC B FOR SCIENTIFIC AND PHYSICAL SCIENCES

INDEPENDENT STUDY STAT 490 VAR. CREDITS
Prereq: 10 CREDITS IN STATISTICS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION
****** SEE DEPT FOR REFERENCE NUMBERS

SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
Prereq: ECON 101, STAT 226
1629005 A1 MTWRF 2:30-4:30 MEETS: MAY 16-JUNE 10
Note: SECTION A1 RESTRICTED TO ACCT, AG B, AST, BUS S, BUS U, BUSEC, ECON, FIN, 1 TEC, MGMT, MIS, MRT, SCM UNDERGRAD MAJORS ONLY
1629010 A2 MTWF 2:30-4:30 MEETS: MAY 16-JUNE 10
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN ACCT, AG B, AST, BUS S, BUS U, BUSEC, BUSAD, FIN, 1 R, 1 TEC, INFAS, MGMT, MIS, MRT, BUS, SCI, SCM
1629015 B3 TR 2:30-4:30, ARRANGED MEETS: JUNE 13-JULY 8
Note: SECTION B3 IS A HYBRID COURSE THAT WILL MEET IN A CLASSROOM TUESDAYS AND THURSDAYS 2:30-4:30 P.M. EACH WEEK DURING THE TERM WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE. ONLINE REPRESENTED BY ARRANGED.
1629800 IE ARRANGED GRAVE S MEETS: JUNE 2-23
Note: SEC IE TAUGHT IN DUBLIN, IRELAND.
SCM 301 & LIVE MINI CASE IN DUBLIN.
STUDY ABOROAD SUMMER 2016 Study abroad Administrative Fee Applies

DECISION TOOLS LOG&OP SCM 460 3 CREDITS
Prereq: SCM 301
6790005 A1 MTWRF 2:30-4:30 MEETS: MAY 16-JUNE 10
Note: SECTION A1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, MIS, MRT, SCM UNDERGRAD MAJORS
6790010 A2 MTWF 2:30-4:30 MEETS: MAY 16-JUNE 10
Note: SECTION A2 RESTRICTED TO COLLEGES OTHER THAN BUSINESS

INDEPENDENT STUDY SCM 490 1-3 CREDITS
Prereq: SCM 301, SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION
Note: COURSE NOT OPEN TO P BUS MAJORS
****** SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH PRACTICUM I SCM 650 1 CREDIT
Prereq: ENROLLMENT IN THE PH D PROGRAM
****** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM II SCM 651 1 CREDIT
Prereq: ENROLLMENT IN THE PH D PROGRAM
****** SEE DEPT FOR REFERENCE NUMBERS

DISSERTATION SCM 699 12 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF DISSERTATION SUPERVISOR
8060003 AC ARRANGED MEETS: MAY 16-AUG 5

SUSTAINABLE AGRICULTURE

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

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

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

SUSTAINABLE ENVIRONMENTS

SUSTAINABLE ENVIRONMENTS SUSTNB DESGN STO II SUS E 502 5 CREDITS
Prereq: SUS E 501, SUS E 510, SUS E 531
3369003 MWF 8:00-11:30 MEETS: MAY 16-AUG 5
**TECHNOLOGY & SOCIAL CHANGE**

**WORLD FOOD ISSUES T SC 342 3 CREDITS**

Prereq: JUNIOR CLASSIFICATION

Note: Course restricted to ENVYS, CS A, CS H, DIET, DIETH, FS A, FS H, NS A, NS H MAJORS ONLY

Meets international perspectives reqmt

5256005 1 ARRANGED

MEETS: MAY 16-JULY 8

Note: Course delivery is WWW

**INDEPENDENT STUDY T SC 490 VAR. CREDITS**

Prereq: T SC 341, PERMISSION OF INSTRUCTOR & T SC COORDINATOR

Note: Permission of coordinator required.

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

**SPL TOP TCH&SOC CHG T SC 590 VAR. CREDITS**

Prereq: T SC 541, PERMISSION OF INSTRUCTOR & T SC COORDINATOR

Note: Permission of coordinator required.

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

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**TECHNOLOGY SYSTEMS MANAGEMENT**

**TECHNOLOGY INTERNSHIP TSM 397 R CREDIT**

Prereq: AT LEAST 45 CREDITS OF COURSEWORK, IN ART OR I TEC MAJOR, INTERNSHIP COORDINATOR APPROVAL

Satisfactory-Fail Only.

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

**WORK EXPERIENCE TECHNOL TSM 399 2 CREDITS**

Prereq: TSM 397 AND APPROVAL OF INTERNSHIP COORDINATOR

Note: NO MORE THAN 4 CREDITS OF TSM 399 MAY BE APPLIED TOWARDS THE TOTAL CREDITS REQUIRED FOR GRADUATION

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

**INDEPENDENT STUDY HONORS TSM 490H 1-4 CREDITS**

Prereq: JUNIOR OR SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT

Note: NO MORE THAN 4 CREDITS OF TSM 490H MAY BE USED TOWARDS THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.

Department permission required.

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

**IND STUD MANUFACTRG TSM 490L 1-4 CREDITS**

Prereq: JUNIOR OR SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT

Note: NO MORE THAN 4 CREDITS OF TSM 490L MAY BE USED TOWARDS THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION

Department permission required.

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

**INDEPENDENT STUDY MGT TSM 490M 1-4 CREDITS**

Prereq: JUNIOR OR SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT

Note: NO MORE THAN 4 CREDITS OF TSM 490M MAY BE USED TOWARDS THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION

Department permission required.

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

**IND STUD MACHIN SYS TSM 490N 1-4 CREDITS**

Prereq: JUNIOR OR SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT

Note: NO MORE THAN 4 CREDITS OF TSM 490N MAY BE USED TOWARDS THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION

Department permission required.

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

**IND STU OCCUP SAFETY TSM 490O 1-4 CREDITS**

Prereq: JUNIOR OR SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT

Note: NO MORE THAN 4 CREDITS OF TSM 490O MAY BE USED TOWARDS THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION

Department permission required.

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

**WKSHOP OCCUPA SAFETY TSM 493D 1-4 CREDITS**

Note: 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.

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

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**TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)**

**SPL TP AGABIOSYS MGT TSM 590A 1-4 CREDITS**

Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF

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

**SPL TOP MACHINE SYS TSM 590B 1-4 CREDITS**

Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF

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

**SPL TOP MANUFACTR TSM 590C 1-4 CREDITS**

Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF

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

**SPL TOP OCCUP SAFET TSM 590D 1-4 CREDITS**

Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF

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

**MASTER'S TECH COMM TSM 598 1 CREDIT**

Note: NO MORE THAN 4 CREDITS OF TSM 598 MAY BE APPLIED TOWARDS THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION

Department permission required.

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

**INU PERFORMING ARTS THTRE 106 3 CREDITS**

6729005 MTWF 8:40-9:40

MEETS: MAY 16-AUG 5

**CREATIVE COMPONENT TSM 599 1-3 CREDITS**

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

**CURRIC DEV TEC&ENGR TSM 657 3 CREDITS**

Prereq: PERMISSION OF INSTRUCTOR

4588005 1 ARRANGED

MEETS: MAY 16-AUG 5

**TECHNOLOGY INTERNSHIP TSM 697 R CREDIT**

Prereq: PERMISSION OF MAJOR PROFESSOR AND APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION

Satisfactory-Fail Only.

4646005 1 ARRANGED

MEETS: MAY 16-AUG 5

**DOCTORAL TECH COMM TSM 698 1 CREDIT**

Satisfactory-Fail Only.

1926005 1 ARRANGED

MEETS: MAY 16-AUG 5

**RESEARCH TSM 699 1-6 CREDITS**

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

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**THEATRE**

**INTRA PERFORMING ARTS THTRE 106 3 CREDITS**

6729005 MTWF 8:40-9:40

MEETS: MAY 16-AUG 5

**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

**ADV THTRE PRACTICUM THTRE 469 1-3 CREDITS**

Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATION

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

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

Prereq: 9 CREDITS IN THEATRE, APPROVED WRITTEN PROPOSAL, JUNIOR CLASSIFICATION

Note: NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE APPLIED TOWARDS GRADUATION

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

**THEATRE INTERNSHIP THTRE 499 1-8 CREDITS**

Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL AND 3.00 IN THTRE COURSES

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

**SPECIAL TOPICS THTRE 590 1-4 CREDITS**

Prereq: APPROVED WRITTEN PROPOSAL

Note: Permission of department chair required.

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

**TOXICOLOGY**

**TOXICOLOGY SEMINAR TOX 504 1 CREDIT**

Prereq: PERMISSION OF INSTRUCTOR

7126005 1 ARRANGED

MEETS: MAY 16-AUG 5
TOXICOLOGY (CONTINUED)

CLIN 6DIAGNOSIS TOXIC TOX 546 1-3 CREDITS
Prereq: D.V.M. DEGREE OR VDPAM 526
1231005 ARRANGED
MEETS: MAY 16-AUG 5

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 CREDITS
4160005 ARRANGED
MEETS: MAY 16-AUG 5

RESEARCH TRANS 699 VAR. CREDITS
6787005 ARRANGED
MEETS: MAY 16-AUG 5

U.S. LATINO/A STUDIES

INTR U.S. LATINO ST US LS 211 3 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN VETERINARY MEDICINE
2890605 XV ARRANGED
MEETS: MAY 16-JUNE 10
Note: Section XV is off campus
Course delivery is WWW
2890605 XV ARRANGED
MEETS: MAY 16-JULY 8
Note: Section XV is off campus
Course delivery is WWW

UNIVERSITY STUDIES

INDEPENDENT STUDY U ST 490 VAR. CREDITS
Prereq: PERMISSION OF THE ASSOCIATE PROVOST
Note: PERMISSEN OF ASSOC PROVOST FOR UNDERGRAD PROGRAMS REQUIRED. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

URBAN DESIGN

FOUNDATNS URBN DSGN URB D 521 3 CREDITS
Prereq: GRADUATE, STANDING, OR SENIOR CLASSIFICATION WITH INSTRUCTOR PERMISSION
4020005 MTFR 8:40-12:20
MEETS: JUNE 13-30

WKSHIP URB DS METHODS URB D 531 3 CREDITS
Prereq: GRADUATE, STANDING, OR SENIOR CLASSIFICATION WITH INSTRUCTOR PERMISSION
4110005 MTRF 8:40-12:20
MR 1:20-5:20
MEETS: JULY 21-AUG 5

WKSHIP URB DSN MEDIA URB D 532 3 CREDITS
Prereq: GRADUATE, STANDING, OR SENIOR CLASSIFICATION WITH INSTRUCTOR PERMISSION
4208005 MTRF 8:40-12:30
MR 1:20-5:20
MEETS: JULY 5-19

VET DIAGNOSTIC & PRODUCTION AN MED

PRECP:MXD FD AN MED VDPAM 420A 1-6 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN V MED
9072005 ARRANGED

PRECP PRD AN MD:MXD VDPAM 420B 1-6 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN V MED
5207005 ARRANGED

PRECEPT PRD AN:GOVT VDPAM 420C 1-6 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN V MED
5210005 ARRANGED

GPVEC; PREGNACY EXAM VDPAM 421F 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN V MED; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
4427005 1 ARRANGED

GPVEC: SHEEP WEANING VDPAM 421R 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN V MED; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
9793005 ARRANGED

BEEF CATTLE CALVING VDPAM 422 2 CREDITS
Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATION IN V MED
4594005 ARRANGED

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

CLIN 6DIAGNOSIS TOXIC VDPAM 546 1-3 CREDITS
Prereq: D.V.M. DEGREE OR VDPAM 526
6767005 ARRANGED

CLIN 6DIAGNOSIS TOXIC VDPAM 546 1-3 CREDITS
Prereq: D.V.M. DEGREE OR VDPAM 526
6767005 ARRANGED
MEETS: MAY 16-AUG 5

ADV VET DIAGNOS LAB VDPAM 551 1-3 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS VDPAM 590 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

ADV VET DIAGNOS LAB VDPAM 551 1-3 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS
Prereq: 2ND, 3RD OR 4TH YR CLASSIFICATION IN VETERINARY MEDICINE
Satisfactory-Fail Only.
7848005 ARRANGED

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS
Prereq: 2ND, 3RD OR 4TH YR CLASSIFICATION IN VETERINARY MEDICINE
Satisfactory-Fail Only.
7848005 ARRANGED

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS
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7848005 ARRANGED

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS
Prereq: 2ND, 3RD OR 4TH YR CLASSIFICATION IN VETERINARY MEDICINE
Satisfactory-Fail Only.
7848005 ARRANGED

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS
Prereq: 2ND, 3RD OR 4TH YR CLASSIFICATION IN VETERINARY MEDICINE
Satisfactory-Fail Only.
VETERINARY CLINICAL SCIENCES

ONCOLOGY  V C S 409  2- 4 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
9213005  MTWRF 8:00-5:00

PRECEPTOR COMPAN/EQ  V C S 419  2- 6 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
PERMISSION DEPARTMENT CURRICULUM COMMITTEE
1664005  1 ARRANGED

PRACTICUM  V C S 420  R CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
4548005  ARRANGED

BLANK PK ZOO ROTATN  V C S 422  4 CREDITS
Preq: V C S 405, FOURTH-YEAR CLASSIFICATION IN V MED, PERMISSION OF INSTRUCTOR
1166005  ARRANGED
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.

SM ANIML SHELTR MED  V C S 437  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
7944005  MTWRF 8:00-5:00

CANINE REHABILITATION  V C S 441  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
9232005  MTWRF 8:00-5:00

CLINICAL NEUROLOGY  V C S 446  2 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
5112005  MTWRF 8:00-5:00

CLINICAL DERMATOLOGY  V C S 452  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE.
MUST HAVE INSTRUCTOR PERMISSION TO REPEAT THIS COURSE.
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
1931005  MTWRF 8:00-5:00

SMALL ANIMAL MED I  V C S 453  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6889005  MTWRF 8:00-5:00

SMALL ANIMAL MED II  V C S 454  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6890005  MTWRF 8:00-5:00

SM AN SOFT TISS SURG  V C S 455  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6891005  MTWRF 8:00-5:00

SM AN ORTHOPED SURG  V C S 456  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6892005  MTWRF 8:00-5:00

EQUINE MEDICINE  V C S 457  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6893005  MTWRF 8:00-5:00

EQUINE SURGERY  V C S 458  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6894005  MTWRF 8:00-5:00

SM AN OVERPOP OMaha  V C S 459A  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4050005  MTWRF 8:00-5:00

SM AN OVERPOP D.M.  V C S 459B  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4107010  MTWRF 8:00-5:00

SM AN OVERPOP K.C.  V C S 459C  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4313015  ARRANGED

RADIOLOGY  V C S 460  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6896005  MTWRF 8:00-5:00

VETERINARY CLINICAL SCIENCES (CONTINUED)

PRIMARY CARE  V C S 463  2 CREDITS
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
2322005  MTWRF 8:00-5:00

EQUINE FIELD SERVICE  V C S 464  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
4247005  MTWRF 8:00-5:00

FARRIER  V C S 465  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
7756005  MTWRF 8:00-5:00

VETERINARY ANESTHESIOLOGY  V C S 466  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6898005  MTWRF 8:00-5:00

INTENSIVE CARE  V C S 468  4 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6900005  ARRANGED

OPHTHALMOLOGY  V C S 469  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6901005  MTWRF 8:00-5:00

RADIOLOGY  V C S 470  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
60 RECOMMENDED
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.

CM PARTV ANI REPORD  V C S 471C  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS

EQUINE REPRODUCTION  V C S 471E  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS

SMAN ANI REP DUCTION  V C S 471S  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS

SMAN SURG ORTHO  V C S 473O  1 CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS

SMAN SURG SOFT TIS  V C S 473S  1 CREDIT
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS

VETERINARY CARIOLOGY ROTAT  V C S 475  1- 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Approval of instructor required. Process approved add slip in 2270A Vet Med.
9128005  MTWRF 8:00-5:00

EQUINE ANESTHESIOLOGY  V C S 476E  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Approval of instructor required. Process approved add slip in 2270A Vet Med.

SM ANI ML ANESTHESIO  V C S 476S  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Approval of instructor required. Process approved add slip in 2270A Vet Med.

INDEPENDENT STUDY  V C S 490  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
1004005  ARRANGED

INTERNET PRECEPTORSHIP  V C S 496  1-12 CREDITS
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
Satisfactory-Fail Only.
6094005  ARRANGED

SPL TOPICS MEDICINE  V C S 509A  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS

SPL TOPICS SURGERY  V C S 509B  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS

SPL TOPIC RADIOLOGY  V C S 509D  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS

Note: Instructor permission required.

Note: Department permission required.

Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.

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<table>
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<th>Course Code</th>
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<th>Credits</th>
<th>Notes</th>
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<tr>
<td>MEETS: MAY 16-AUG 5</td>
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<tr>
<td>VP</td>
<td>CLINICAL SCIENCE VET PATHOLOGY</td>
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<tr>
<td>V PTH 550</td>
<td>SURGICAL PATHOLOGY LAB</td>
<td>1-3</td>
<td>Note: Instructor permission required.</td>
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<tr>
<td>V PTH 549</td>
<td>CLINICAL PATHOLOGY LAB</td>
<td>1-3</td>
<td>Note: Instructor permission required.</td>
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<tr>
<td>V PTH 548</td>
<td>NECROPSY LAB PRACTM</td>
<td>1</td>
<td>Prereq: FOURTH-YEAR CLASSIFICATION IN V MED</td>
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<tr>
<td>V PTH 547</td>
<td>CLIN PATH LAB PRACT</td>
<td>1</td>
<td>Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS</td>
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<td>V PTH 546</td>
<td>INDEPENDENT STUDY V MPM</td>
<td>2</td>
<td>Note: Materials and professional support fee $150.00</td>
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<tr>
<td>V PTH 545</td>
<td>GENDER &amp; COMMUNICATION</td>
<td>3</td>
<td>Note: Meets U.S. diversity reqmt</td>
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<tr>
<td>W S 490</td>
<td>POSTMORTEM PATHOL GENDER &amp; COMMUNICATION</td>
<td>3</td>
<td>Note: Section WX is off campus</td>
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<tr>
<td>W S 486</td>
<td>VETERINARY CLINICAL SCIENCES</td>
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<td>VP</td>
<td>CREATIVE COMPONENT V C S 590</td>
<td>1-3</td>
<td>Prereq: PERMISSION OF INSTRUCTOR</td>
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<td>V PTH 551</td>
<td>POSTMORTEM PATHOL</td>
<td>1-3</td>
<td>Note: Instructor permission required.</td>
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<td>V PTH 550</td>
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VETERINARY MICROBIOLOGY & PREV MED

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<tr>
<td>V MPM 646</td>
<td>PUBLIC HEALTH LAB</td>
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<td>Prereq: FOURTH-YEAR CLASSIFICATION IN V MED</td>
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<td>V MPM 606</td>
<td>PUBLIC HEALTH LAB</td>
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<td>Note: Instructor permission required.</td>
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<tr>
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<td>PUBLIC HEALTH LAB</td>
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<td>ZOO PRECEPTORSHIP</td>
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<td>Prereq: FOURTH-YEAR CLASSIFICATION IN V MED</td>
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<td>SPECIAL TOPICS</td>
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<td>Prereq: PERMISSION OF INSTRUCTOR</td>
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<td>Note: Instructor permission required.</td>
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<td>Note: Meets U.S. diversity reqmt</td>
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PUBLIC HEALTH LAB

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PUBLIC HEALTH LAB
WOMEN'S STUDIES  (CONTINUED)

SENIOR INTERNSHIP  W S  491  3 CREDITS
  Prereq: SENIOR CLASSIFICATION
  *****  SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS  W S  499  3 CREDITS
  Prereq: SENIOR CLASSIFICATION
  *****  SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS  W S  590  VAR. CREDITS
  Prereq: PERMISSION OF WOMEN'S STUDIES PROGRAM DIRECTOR
  Note: Department permission required 1st week.
  *****  SEE DEPT FOR REFERENCE NUMBERS