Summer Session 2005

Session 1       May 16 - July 8
Session II      June 13 - August 5
Commencement   August 6
University Holidays May 30
                July 4

Additional dates and deadlines can be viewed at www.iastate.edu/~registrar/calendar

Registration Start Dates for Summer 2005
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 - Tuesday, April 12
Continuing freshmen: Wednesday, April 13 - Wednesday, April 20

Iowa State University does not discriminate on the basis of race, color, age, religion, national origin, sexual orientation, sex, marital status, disability, or status as a U.S. Vietnam Era Veteran. Any persons having inquiries concerning this may contact the Director of Equal Opportunity and Diversity, 3680 Beardshear, (515)294-7612.
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Admissions  www.admissions.iastate.edu
General Information ........................................ 100 Alumni Hall .................................................. (515)294-5836

College Student Services Offices
Agriculture ........................................ 23 Curtiss .................................................. 294-8653
Business ........................................ 1200 Gerdin .................................................. 294-8430
Design ........................................ 297 College of Design .................................. 294-6983
Education ........................................ E105 Lagomarcino .................................. 294-8238
Engineering ........................................ 110 Marston .................................................. 294-3900
Family and Consumer Sciences ............... 125 MacKay .................................................. 294-7243
Graduate College ................................ 10 Pearson .................................................. 294-4531
Liberal Arts and Sciences ........ 109 Carrie Chapman Catt Hall ...................... 294-1522
Veterinary Medicine .................. 2540 Veterinary Medicine ...................... 294-0772

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

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

Office of the Registrar  www.iastate.edu/~registrar/
Certifications ....................................... 214 Alumni Hall ........................................ 294-1840
Degree Audits ...................................... 210 Alumni Hall ........................................ 294-0802
Fees & Tuition ........................................ 0460 Beardshear ........................................ 294-1889
Graduation ........................................... 10A Alumni Hall ........................................ 294-9372
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Veterans Certification .............................. 214 Alumni Hall ........................................ 294-1840

Registration Hold Contacts
Accounts Receivables Office  0880 Beardshear ........................................ 294-7388
Admissions  100 Alumni Hall ........................................ 294-5836
Dean of Students Office ........ 1010 Student Services Building .................... 294-1021
Graduate College ..................... 10 Pearson .................................................. 294-4531
International Education Services ........ 250 Memorial Union ....................... 294-1120
Loans Receivable  0880 Beardshear ........................................ 294-8747
Memorial Union  214 Memorial Union ........................................ 294-0993
Minority Students Office .... 2080 Student Services Building ..................... 294-6338
Office of the Registrar .............. 214 Alumni Hall ........................................ 294-1840
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 Alumni Hall, and the Student Answer Center, Ground Floor, Beardshear.
Information You Need to Know

Class Registration on AccessPlus
Hours: 7 a.m.- 10 p.m., Monday-Saturday.

Auditing Courses
Students must register for audits 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.

Fee Payment Deadlines
Fee payment deadlines for Summer 2005 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
Students who plan to graduate this summer need to complete a graduation application. If graduating, go to www.iastate.edu/~registrar/graduation/ for more information.

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

Registration Start Dates for Summer 2005
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 - Tuesday, April 12
Continuing freshmen: Wednesday, April 13 - Wednesday, April 20

Room Assignments
Room assignments will be available on your AccessPlus class schedule on Monday, April 25. Find room locations on campus at www.iastate.edu/~catalog/schedule/roominfo.html

Schedule Changes
Students can drop summer session I courses using AccessPlus Registration through Friday, May 21. Students can add summer seccion I courses using AccessPlus Registration through Wednesday, May 19. For additional schedule change deadlines got to www.iastate.edu/~registrar/fees and choose Tuition Adjustment Schedules link.

Student Answer Center
Have a question and not sure where to go for the answer? Contact the Student Answer Center, Ground Floor, Beardshear. Open daily, Monday-Friday, 8 a.m.-5 p.m. E-mail: answercenter@iastate.edu; www.answer.iastate.edu/.
University Calendar  

## Summer Semester 2005

### April 25, Mon.
- Room assignments for Summer 2005 courses displayed in the online Schedule of Classes.

### May 2, Mon.
- University bills with Summer 2005 tuition and fees charges available on AccessPlus www.accessplus.iastate.edu

### May 6, Fri.
- Graduate College applications for graduation for Summer 2005 are due in the Graduate College, 10 Pearson Hall.
- Undergraduate applications for graduation for Summer 2005 and Fall 2005 are due in the Registrar’s Graduation Office, 10A Alumni Hall.
- Graduate College Commencement: www.iastate.edu/~registrar/graduation

### May 13, Fri.
- Last day to cancel registration for summer to avoid tuition assessment.

### May 16, Mon.
- Class work begins, Session I courses.

### May 18, Wed.
- 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.

### May 20, Fri.
- Fee payment deadline for summer semester. First payment (minimum due) or payment in full.
- Last day to process a schedule change 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.
- Last day to drop a Session I course with instructor’s approval.
- Last day to change a Session I course from Pass/Not Pass to grade without it counting toward total allowable P/NP credits.
- Last day to change a Session I course from audit to credit basis.
- Last day to elect to audit a course for Summer Session I. The instructor of the course must approve an audit.
- Last day to elect to audit a course for twelve-week, full summer course. The instructor of the course must approve an audit.
- Last day for undergraduate students to cancel graduation. All undergraduate students who haven’t cancelled by this date will be assessed a nonrefundable graduation fee.

### May 27, Fri.
- Last day to elect to audit a course for a twelve-week, full summer course. The instructor of the course must approve an audit.

### May 30, Mon.
- University holiday, offices closed - classes not in session.

### June 13, Mon.
- Class work begins, Session II courses.

### June 15, Wed.
- Last day to add a Session II course without instructor’s signature.
- Last day to process adds or section changes for a Session II course through AccessPlus registration.

### June 17, Fri.
- Last day to process a schedule change without a fee or to drop a Session II course without signatures of instructor and adviser.
- Last day to drop a Session II course without the drop appearing on the permanent record or counting toward the limit of dropped courses.
- Last day to drop a Session II course through AccessPlus registration.
- Last day to change a Session II course from Pass/Not Pass to grade without it counting toward the total allowable P/NP credits.
- Last day to elect to audit a course for Session II. The instructor of the course must approve an audit.
- Last day to change a Session II course from audit to credit basis.

### June 20, Mon.
- Fee payment deadline for summer semester. Second payment (minimum due).
- Last day to drop a course or withdraw without extenuating circumstances (Session I courses).
- Last day to change a Session I course to or from Pass/Not Pass. Courses changed to graded basis after May 20 count toward the total allowable P/NP credits.
- Last day for graduate students to cancel graduation. All graduate students who haven’t cancelled by this date will be assessed a nonrefundable graduation fee.

### June 24, Fri.
- University holiday, offices closed - classes not in session.

### July 4, Mon.
- Room assignments for Fall 2005 courses displayed in the online Schedule of Classes.

### July 6, Wed.
- Summer Session I ends.
- Graduate College last day for final oral examinations.

### July 8, Fri.
- Last day to drop a course or withdraw without extenuating circumstances (Session II courses).
- Last day to change a Session II course to or from Pass/Not Pass. Courses changed to graded basis after June 17 count toward the total allowable P/NP credits.
- Last day to file a Designation of Repeated Course form for a summer course that is not an automatic designated repeat.

### July 15, Fri.
- Test payment deadline for summer semester. Final payment due.
- Graduate College: last day for final submission of thesis or dissertation.
- Graduate College: last day for final submission of graduate student graduation approval slip.

### July 18, Mon.
- University bills with Fall 2005 tuition and fees charges available on AccessPlus www.accessplus.iastate.edu.

### July 20, Wed.
- Summer Session II ends. Grades for both summer sessions available on AccessPlus by Aug. 12.
- Commencement. www.iastate.edu/~registrar/graduation
Admission

New Students

Prospective students should contact the Office of Admissions for information concerning admission procedures. Refer to the Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005 catalog for specific requirements for admission. Applications are available from the Office of Admissions, 100 Alumni Hall. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

Graduate Students

Students who have earned a bachelor’s degree must register as a graduate student if they take graduate credit courses. Up to nine semester credits of graduate credit taken as a nondegree/undeclared student may, if approved by the student’s program of study committee, apply toward a graduate degree.

Undergraduate Students

Nondegree student status is an undergraduate category of admission. Courses taken as a nondegree student may later be applied to undergraduate degree requirements if approved by the student’s college. However, credits earned as a nondegree student may not be used in a graduate degree program.

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.

Reentering Students

Undergraduate students, both non-degree and degree seeking, who are planning to return to Iowa State University after an absence of 12 months or more complete a reentry form. A student who has previously attended Iowa State only as a nondegree student and who now seeks to earn an undergraduate degree should complete an undergraduate application, not a reentry form.

International Students

International students should contact the Office of Admissions, 100 Alumni Hall, at 515-294-5836 for reentry instructions. Financial certification of ability to cover all educational and living expenses will be required. All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term).

Requesting Reentry

Reentry forms are available from the Office of the Registrar, Tuition and Fees area, 0460 Beardshear, at 515-294-1889, or e-mail to registrar@iastate.edu. Reentry forms are also available online at www.iastate.edu/~registrar/info/reentry.html. Return the completed form to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Students who have attended another college or univer-

New and Reentering Students

If you have questions about the registration process, contact the Registrar’s Student Scheduling Office, 10 Alumni Hall, (515) 294-2331, or the appropriate college student services office:

Agriculture
23 Curtiss
294-8653

Business
1200 Gerdin
294-8430

Design
297 College of Design
294-6983

Education
E105 Lagomarcino
294-8238

Engineering
110 Marston
294-3900

Family and Consumer Sciences
125 MacKay
294-7243

Graduate College
10 Pearson
294-4531

Liberal Arts and Sciences
109 Carrie Chapman Catt Hall
294-1522

Veterinary Medicine
2540 Vet Med
294-0772
sity since their last enrollment at Iowa State must send official transcripts of all course work attempted to the Office of Admissions, 100 Alumni Hall.

The Office of the Registrar will refer the reentry form to the college to which a student plans to return if the student (a) desires to change curriculum; (b) has a previous Iowa State University cumulative grade point average below 2.00 or had a last term average below 2.00; (c) was dropped from Iowa State for unsatisfactory academic progress or was not otherwise in good standing; or (d) since leaving Iowa State, has completed additional college study with less than a 2.00 grade point average.

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

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

**Returning Students**

**Undergraduate and Nondegree Students**
Non-international undergraduate and nondegree students, who have been away from Iowa State for less than 12 months and who were not academically dismissed, may contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail to registrar@iastate.edu to have their student record and address information updated prior to meeting with their adviser to discuss course selection. These students do not need to complete a reentry form.

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

**Graduate Students**
All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail to registrar@iastate.edu to have their student record and address information updated prior to meeting with their major professor to discuss course selection. International graduate students must file a student financial statement for visa purposes. The form is available from International Education Services, 250 Memorial Union, 515-294-1120.
Registration

To register for classes, you need the following materials and information:

- Registration Worksheet, available for download at www.iastate.edu/~registrar.
- A RAN* (registration access number) if required by their college. Colleges that currently do not require a RAN are Business, Family and Consumer Sciences, Veterinary Medicine, and the Graduate College.
- Course information from the Online Schedule of Classes at www.ats.iastate.edu/cgi-bin/class.
- Other departmental information applicable to their curriculum, available from their adviser.

Deadlines
Friday, May 13 is the last day to initiate a registration for Summer 2005 through AccessPlus.

Cancelling
You must notify the Office of the Registrar by Friday, May 13 of your intent to cancel registration to avoid tuition assessment. For information and a cancellation form, see www.iastate.edu/~registrar/registration/.

RAN
The registration access number (RAN) is your confidential, personal number required by some colleges to use the registration system. Since you will be held accountable for all changes made to your schedule through AccessPlus, do not share your number with anyone! You will be assigned a new RAN each registration period.

To register, follow these steps:

1. Meet with your 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 of each course. Students are responsible for choosing their course sections. In most cases advisers will not be involved in selecting meeting times.

3. Review your registration start date/time information and any registration hold information on AccessPlus, under Current information. Students in those colleges which require a four-digit registration access number (RAN) should meet with their adviser to obtain their Registration Authorization Card on which the RAN is printed.

4. Register for courses using the AccessPlus registration system.

5. Review schedule on AccessPlus, which will include room locations beginning Monday, April 25.

6. Pay fees. You will receive a bill from the Accounts Receivables Office for tuition, room and board, and various other university charges. Failure to receive a billing statement will not exempt you from late penalties or from having a hold placed on your registration. Call 294-7388 if you have questions.

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

AccessPlus Registration Tips

Hours for the registration system: Monday-Saturday, 7 a.m. - 10 p.m.

AccessPlus does not check for time conflicts. Be sure to 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 Schedule of Classes link at the top of the screen. Section restrictions can be found at that site.
Schedule changes

Dropping and Adding Courses

Procedures for schedule changes vary based on the time period of the semester. The effective date of a schedule change is the date on which the change is entered into the registration system. Schedule change periods are as follows:

**Period 1** ends on the fifth day of classes of the semester. 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 in some courses during Period 1. Schedule changes during period 1 may be processed through AccessPlus or by going to the Registrar’s Student Scheduling Office, 10 Alumni Hall. Course drops during this period do not count toward a student’s ISU drop limit, and will not appear on a student’s grade slip or permanent record.

**Period 2** ends the third Friday after the day midterm grades are due. During this period, schedule changes require signatures of adviser and instructor on a Schedule Change/Restriction Waiver form. Completed forms are processed in 10 Alumni Hall. A schedule change fee of $10 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 grade slip and permanent record.

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

**Period 3** follows period 2 and extends through the remainder of the semester. Schedule changes during this period are permitted only for extenuating circumstances beyond the student’s control; require a written statement of support from both the instructor and the adviser; and must be approved by the college dean.

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 www.iastate.edu/~registrar/fees and choose the Tuition Adjustment Schedules link, or contact the Registrar’s Student Scheduling Office, 10 Alumni Hall, 294-2331.

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

Drop Limit

Undergraduate students have a limited number of courses they may drop during their academic careers. (These are drops processed after the fifth day of classes each semester.) Students who enter Iowa State as freshmen are allowed to drop a maximum of five courses during their undergraduate career. Students entering at a level above freshman classification or in the College of Veterinary Medicine are allowed to drop a maximum of four courses. Courses dropped during a student’s first semester do not count towards this limit, nor does the summer 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 must be dropped for reasons beyond the student’s control. These exceptions are granted only by the college student services office and/or dean.

Each semester your Grade Report on AccessPlus indicates the number of drops you have left. You are responsible for not exceeding your limit. If you attempt to drop a course beyond the limit without special permission from your college dean, the course will remain on your schedule and you will receive a grade at the end of the semester.

Cancellation/Withdrawal of Registration

To cancel your summer registration and avoid tuition assessment (www.iastate.edu/~registrar/registration/), you must notify the Office of the Registrar by Friday, May 13. Beginning Monday, May 16, you must formally withdraw from the university to terminate your registration and you are subject to the tuition adjustment schedule. For more complete information on cancellation/withdrawal of registration, please refer to the “Fees and Tuition” section of this Schedule of Classes or to the Cancellation and Withdrawal information on the Web.
# Summer 2005 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, see [www.iastate.edu/~registrar/fees/](http://www.iastate.edu/~registrar/fees/)

<table>
<thead>
<tr>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Full fees</strong></td>
<td>$2,445</td>
<td>$7,490</td>
<td>$2,854</td>
<td>$7,860</td>
<td>$5,974</td>
<td>$15,267</td>
</tr>
<tr>
<td><strong>Fees/credit</strong></td>
<td>204</td>
<td>625</td>
<td>318</td>
<td>874</td>
<td>498</td>
<td>1,273</td>
</tr>
</tbody>
</table>

Non-Residents with 4 credit hours or less are assessed the resident tuition rate.

Saturday MBA, Des Moines MBA classes will be assessed graduate rate plus a $95/credit supplemental tuition fee. All MBA Fees Subject To Change By The Board of Regents, State of Iowa.

Minimum Tuition is assessed to students enrolled for 1-2 credits or non-coop, required credit only.

Students on graduate assistantships will be assessed $1590 for summer regardless of the number of credits.

**Fee Policies and Descriptions:**

- **Des Moines MBA program** courses are assessed at the graduate rate in the current fee schedule plus a $95 per credit supplemental tuition fee. Non-residents taking less than 4.5 credits are assessed at the resident rate. Fee subject to change without notice.
- **Interim** (partial-semester, between-terms), **audit** (zero-credit), and **in absentia** (research, away from campus study) courses are assessed fees as listed in the current fee schedule.
- **Non-degree undergraduate and non-collegiate** students are assessed undergraduate fees as listed in the current fee schedule.
- **Distance education courses** are assessed at the resident rate and the minimum fee does not apply. However, non-resident students who enroll in a combination of on and distance education courses are assessed the non-resident rate for all credits taken.
- **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) course is assessed at no charge unless the R-credit course is the only course enrollment. Note: There is no charge for R-credit co-op internship courses.
- **Saturday MBA program** courses are assessed at the graduate rate in the current fee schedule plus a $95 per credit supplemental tuition fee. Fee subject to change without notice.
- **Study abroad credits**, up to a maximum of 12 credits, are assessed above and beyond tuition for other courses taken during the same term.
- **Workshop fee** for one-credit workshops, with no other course enrollments, is $204 for undergraduate students and $318 for graduate students.
- **Zero credit course** is assessed based on contact hours with a maximum assessment of 3 credits.
- **Developmental courses** are assessed additional fees above and beyond tuition for other courses taken during the same term.

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 10</td>
<td>$408</td>
</tr>
<tr>
<td>Chem 50X</td>
<td>$225</td>
</tr>
<tr>
<td>Engl 99L</td>
<td>$240</td>
</tr>
<tr>
<td>Engl 99R</td>
<td>$160</td>
</tr>
</tbody>
</table>

(Subject to change without notice.)
Tuition and fees are subject to change without notice.

Past Due Accounts
Students having past due receivable charges may be dropped from enrollment for summer if these past due charges are not paid by the first day of classes. A statement indicating past due charges will be shown on the March 30 billing statement.

Payment of Fees
The Accounts Receivable Office bills for tuition, room and board, and various other university charges. A statement of new charges will be available the first of each month on the student's account on AccessPlus at https://accessplus.iastate.edu/frontdoor/login.jsp. The student will receive an e-mail message instructing them to check their AccessPlus account. It is the student's responsibility to ensure that the university has a correct e-mail address. Failure to view a billing statement will not exempt students from late penalties or from having a hold placed on their registration.

Payments are due May 20. Students also have the option of paying tuition and room and board in three installments. The first installment is due May 20, the second is due June 20, and the final payment is due July 20.

If students elect to use deferred billing, they will be assessed a $20 administrative fee on their June bill. Students who do not pay their April 30 bill in full by the due date will by default select the deferred option. Any other charges that are not deferrable must be paid in full by May 20.

Students may pay by mail by sending a check or money order (along with the bottom portion of the billing statement printed from AccessPlus) to Iowa State University, Payment Processing Center, P. O. Box 4992, Des Moines, IA 50306-4992; or online using AccessPlus. Payments also may be made in person in the Treasurer's Office, 1220 Beardshear. Payments must be received by the due date to avoid late penalties.

If students do not pay the minimum due on each billing statement, all fees become due immediately. A one percent finance charge will be assessed on the total amount due at that time, and a hold would be placed on their registration until the total amount is paid.

The University reserves the right to drop students from enrollment for non-payment of fees. Students subject to being dropped will be notified via their ISU email account.

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 Friday, May 13. Do not use AccessPlus to cancel your registration.

Students may cancel their registration by contacting the Office of the Registrar at 515-294-1889 or via www.iastate.edu/~registrar/registration/. Students should make a record of the name of the person taking the call, as well as the time and date called.

Withdrawing Registration
A withdrawal is processed beginning the first day of classes when a student notifies their academic adviser and college of their decision not to continue attending courses for a semester. Beginning Monday, May 16, you must formally withdraw from the university to terminate your registration and you are subject to the tuition adjustment schedule. The effective date of the withdrawal is the date of approval by your college student services office and/or dean.

To withdraw, contact your adviser and complete a Request for Withdrawal form, and then request the approval of your college student services office and/or dean. If the request is approved, the form will be forwarded to the Office of the Registrar for processing.

If you withdraw, courses taken will not be recorded on your permanent record and will not count toward your drop limit. Partial term courses completed prior to withdrawal will be included on your permanent record. Incompletes will not be accepted for withdrawals. Refunds will be made on the unused portion of fees for registration, room and board, when applicable.

If 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 withdrawal is approved during period 3 for a student on temporary enrollment, the student will not be permitted to enroll the following term, except under extenuating circumstances.

If these procedures for withdrawing from the university are not followed, instructors will assign whatever grades or marks they consider appropriate. Since these grades may be F’s, students are warned that failure to follow the prescribed withdrawal procedures may adversely affect a later application for reentry or transfer to another institution. For more information on withdrawal policies, refer to the Iowa State University Undergraduate and Graduate Courses and Programs 2005-2007 catalog.
Glossary of fees

Tuition Adjustment Schedule for Workshops and Short Courses

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

Tuition Adjustment Schedule

Tuition adjustment schedules are subject to change.

Tuition adjustment schedules for a number of summer terms are available at http://www.iastate.edu/~registrar/registration/tuition-adj.shtml. Contact the Tuition and Fees office, 0460 Beardshear Hall, 515-294-1889 or by e-mail registrar@iastate.edu for specific deadline information.

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

Adjustments in the tuition assessment will be prorated when partial term courses are involved.

Students may appeal a tuition and fees assessment for withdrawal by obtaining a “Procedures for Appealing Assessed Tuition” form from the fees section in the Office of the Registrar, 0460 Beardshear. The Office of the Registrar will review appeals for possible tuition and fees adjustment for the semester in question only after the written appeal and appropriate support documentation are received from the student. Determinations will be made by the Office of the Registrar based on extenuating circumstances beyond the control of the student. The results will be sent to the student in writing.

Students may appeal the decision of the Office of the Registrar by writing an appeal letter to the Tuition Appeals Review Committee. This letter should be submitted to the Office of the Registrar within 10 calendar days after receiving the original decision. A final appeal of the Tuition Appeals Review Committee decision can be made by submitting a request in writing to the Office of the Provost.

GLOSSARY OF FEES

Activity, Services and Building Fee

During summer terms, all students will be charged a $88.50 activity services and building fee except for students exclusively registered for the following: distance education courses; courses for which no tuition is assessed; continuous registration status courses; and high school students enrolled under the Post-Secondary Enrollment Options Act. Students who are exempt from the activity fee may elect to pay the fee.

For students who withdraw or change to an exempt status as defined above, the tuition adjustment schedule also 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 (both graduate and undergraduate) is $30; the international application fee for undergraduates is $50. This fee does not apply to special students or workshop applicants. The international application fee for graduate students is $70.

Computer Fee

All students will be charged a computer fee each semester. Full-time students in the College of Engineering (including Bio-medical Engineering) will be charged $218.50 per semester. Full-time students in the majors Management Information Systems, Computer Science, or Pre-Computer Science will be assessed $173.50 per semester. All other full-time graduate students will be assessed $81 per semester. All other full-time undergraduate students will be assessed $102 per semester. Students enrolled less than full-time will be assessed prorated computer fees according to the number of credits for which they are enrolled.

Graduate students holding research or teaching assistant appointments will be assessed $109.25 for those in the Engineering college (including Biomedical Engineering), $86.75 for those in the Computer Science department, and $40.50 for all other majors, regardless of the number of credits and the fraction of time they are on appointment.

Students enrolled exclusively in any one of the following categories will not be assessed computer fees: Post Secondary Enrollment Options Act students; registrations which do not carry a tuition assessment; additional student categories as determined by the University.

For students who withdraw or drop below full-time, the tuition adjustment schedule will be applied for computer fees. The credit adjustment schedule for the computer fee for reduction from a full load to light classification is 100% through the tenth class day. No tuition adjustment will be made after the tenth class day (May. 27).
Students who change their major will receive a computer fee credit adjustment of 100% through the tenth class day, with no adjustment after the tenth class day. Students who are double majors will be assessed the rate for the major having the higher rate.

**Developmental Course Fee**
Math 10 and Math 20 each have a fee of $408. Chem 50X has a fee of $225. Engl 99L has a fee of $240 and Engl 99R has a fee of $160. This is a separate fee charged in addition to other fees and tuition. (Subject to change without notice.)

**Graduation Fee**
Undergraduate and graduate students are assessed a $35 fee the term of graduation.

**Health Facility Fee**
All students are assessed an $4 health facility fee, except for students exclusively registered for the following: distance education courses; courses for which no tuition is assessed; continuous registration status courses; and high school students enrolled under the Post-Secondary Enrollment Options Act. (Note: Exceptions do not apply to international students or graduate students on graduate assistantship.)

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

**Health Fee**
All students are assessed a $42.50 Student Health Fee, except for students enrolled for four credits or less or students exclusively registered for foreign group study programs; courses for which no tuition is assessed; continuous registration status courses; weekend MBA courses; Lakeside Lab or geology field camp courses; and high school students enrolled under the Post-Secondary Enrollment Options Act. (Note: Exceptions do not apply to international students or graduate students on graduate assistantship.) Students who are exempt from the health fee may participate in the Health Plus Plan.

Students who withdraw will receive a credit adjustment of 100% of the Health Plus Plan costs for withdrawal through the tenth class day, (no credit adjustments after the tenth class day). There will be no credit adjustment if a student used the services of the Student Health Center prior to withdrawing from the university.

**Late Registration Fee**
Friday, May 13 is the last day to initiate a registration for full semester courses for Summer 2005 without a late registration fee. Beginning Monday, May 16, undergraduate students are assessed a late registration fee of $20. Graduate students are assessed a late registration fee of $20 the first week of classes, $50 the second week, and $100 the third week or later.

**New Student Programs/Matriculation Fee**
A $140 fee is assessed to all new degree-seeking students prior to admission. (Note: This fee is subject to change.) This fee does not apply to nondegree seeking students, veterinary medicine students, graduate students, or students enrolled exclusively in distance education courses.

**Special Course Fees**
Special course fees and their descriptions are included in the course listing section of this booklet. Possible fees may include consumable materials, other lab fees or field trip fees.

**Study Abroad**
Study abroad credits, up to a maximum of 12 credits, are assessed above and beyond tuition for other courses taken during the same term.
Graduation

Undergraduate Students

Summer 2005 graduating seniors are encouraged to submit applications for graduation after registering in March for their final semester. Applications are available from the adviser, college student services office, the Registrar's Graduation Office, 10A Alumni Hall, or website www.iastate.edu/~registrar/graduation/. The application is due in 10A Alumni Hall by Friday, May 6. You will be assessed a $35 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. All incompletes must be resolved and transfer grades in the Office of the Registrar by midterm. Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

Ceremony, attendance, and diploma mailing information will be mailed to your in-session address approximately four weeks before graduation. Please notify the Office of the Registrar, 214 Alumni Hall, of any address changes. If you do not receive this information, contact the Registrar's Graduation Office, 10A Alumni Hall, (515)294-9372; e-mail: graduation@iastate.edu.

Undergraduate university commencement ceremony will be held jointly with the graduate ceremony on Saturday, August 6, at 1:30 p.m., in Hilton Coliseum.

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

For more information, contact the Registrar's Graduation Office, 10A Alumni Hall, (515)294-9372; e-mail: graduation@iastate.edu.

Teacher Licensure

Students graduating with teaching emphasis may obtain application forms for the Iowa Teachers License in the Education Student Services Office, E105 Lagomarcino. Completed forms and fee should be returned to Education Student Services by midterm of the semester in which the student plans to graduate.

Graduate Students

Specific deadlines have been set by the Graduate College for all graduate students. Failure to meet these deadlines may cause your name to be removed from the graduation list for Summer 2005.

• An “Application for Graduation” (diploma slip) should be obtained from your department and filed in the Graduate College by Friday, May 6.

• Last day for graduate students to cancel graduation, by June 24. All graduate students who haven't cancelled by this date will be assessed a nonrefundable graduation fee.

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

• Final oral examination must be taken by Friday, July 15.

• Final, approved copies of your thesis or dissertation must be submitted to the Thesis Office, 10 Pearson, by Wednesday, July 20.

• Signatures must be obtained on the “Graduate Student Approval Slip” by Friday, July 22. This form will be sent to your major professor or department when your “Request for Final Examination” is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.

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

Ceremony, attendance, and diploma mailing information will be mailed to your in-session address approximately four weeks before graduation. Please notify the Office of the Registrar, 214 Alumni Hall, of any address changes. If you do not receive this information, contact the Registrar's Graduation Office, 10A Alumni Hall, (515)294-9372; e-mail: graduation@iastate.edu.

The Graduate College commencement ceremony will be held jointly with the undergraduate ceremony at 1:30 p.m., Saturday, August 6 in C.Y. Stephens Auditorium.

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

For more information, contact the Graduate College, 10 Pearson, (515)294-4531.
Student Records

Degree Audits

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

Undergraduate students will receive one free degree audit during the registration advising period. In addition, alternative and replacement degree audits are available for $3 per audit ordered. Orders submitted by noon Thursday are available early the following week.

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

To request a replacement degree audit, contact your college student services office.

Freshman Year Report to High Schools

Board of Regents, State of Iowa universities participate with Iowa high schools in an analysis of freshman year academic performance at the end of your freshman year only.

A report of all ISU freshmen from your high school is sent to your high school principal. This report shows how you and your high school classmates perform in comparison to the entire ISU freshman class. For further information, contact the Office of the Registrar, 214 Alumni Hall.

Full-Time/Half-Time Student Status

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

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

Summer status depends on the number of weeks a student is enrolled. Always contact the Office of the Registrar (515-294-1840) to verify a student’s status for a summer session.

Transcripts

Official transcripts of your record can be ordered for a charge from AccessPlus; the Office of the Registrar, 214 Alumni Hall, (515)294-1840; or fax by downloading the form from www.iastate.edu/~registrar/forms/#transcript. Transcripts will not be issued if you have any transcript holds for financial delinquency. You may view your unofficial transcript using the AccessPlus system.

Grade Reports

Students can view their grades on AccessPlus by logging in and selecting “Grade Report” from the menu. Grades and marks that may appear on your 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>
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<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>
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</tbody>
</table>

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

For more complete information about Iowa State University’s grading system, please refer to the Academic Life section of the Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005 catalog.

Repeated Courses

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

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

For more information, please refer to the Academic Life section of the Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005 catalog.
Veterans Educational Assistance

All students planning to receive Veterans Educational Assistance must provide enrollment information to the V.A. clerks in the Office of the Registrar, 214 Alumni Hall, when registration is complete or veterans enrollment certification will be canceled. Veterans must also notify the V.A. clerks when changing credit hours or withdrawing from school. Credit hour requirements are:

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

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

Students receiving Veterans Educational Assistance are identified on class lists and are required by the V.A. to attend class regularly to maintain their V.A. eligibility. Instructors are obligated to notify the Office of the Registrar if a student receiving V.A. benefits is not attending class. Notification is then forwarded to the Veterans Administration.

Information Disclosure for Students

Iowa State University is required by law to make available to enrolled students, prospective students, and their parents certain information about the University. The information disclosure is available at the following web address: www.iastate.edu/~disclosure/. Students with no electronic access can obtain the information from the Office of the Registrar, 214 Alumni Hall, 515-294-1840 or from the Office of Admissions, 100 Alumni Hall, 515-294-5836. Iowa State will provide a paper copy of the information upon request.

Policy on Student Names

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

Release of Student Records

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 you request that information not be released: name; in-session address and telephone number; campus e-mail address; interim address; home city, county, state, or country; date and place of birth; curriculum; college; year-in-school; enrollment status; dates of attendance at Iowa State; full or part-time status; expected date of graduation; adviser name; awards and academic honors; Iowa State degree(s) and date(s) awarded; previous educational institutions attended, dates of attendance, and degrees received; participation in officially recognized university activities and sports; and weight and height of members of athletic teams.

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

With the exception of “public information,” all student records are considered to be confidential and release is restricted according to University policy. A copy of the release policy can be found in the Office of the Registrar or at www.iastate.edu/~registrar/info/confid.html. The office also maintains a directory of persons who normally have access to each type of student record.

Changing Your 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 your address on AccessPlus, do the following:

From the www, go directly to the URL listed above or do the following from the ISU home page:

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

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

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

Third Party Access

AccessPlus Third Party Access is an option that allows students to grant access to selected personal information to 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. For more information on creating third party accounts can be found at https://accessplus.iastate.edu/frontdoor/tpa-info.jsp.
Services for Students

Campus Parking
Motor vehicles operated on campus must be registered at the Parking System Office in the Armory. For more information, see www.dps.iastate.edu/parking/.

Students who are not Ames residents may purchase permits to park in lot 29. Students living in Ames or those who commute from outside Ames can utilize the free parking and free shuttle bus at the Iowa State Center. The parking lots are just south of Stephens Auditorium.

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. www.hrs.iastate.edu/childcare/homepage.shtml

Child care programs located on campus include:

- Center for Child Care Resources: Assistance in locating campus and community child care services, 100 University Village, Suite 1010, 515-294-8833 or 1-800-437-8599

- University Community Childcare at 100 University Village; 515-294-9838

- The Comfort Zone: Daycare for kids who don’t feel so good, 100 University Village, 515-294-3333.

- Flex-Care: Part time care for children of ISU students, 100 University Village, 515-294-9838.

- University Child Care Center at Veterinary Medicine, 1700 Christensen Drive, 515-294-2273.

- ISU Child Development Laboratory School, Palmer HDFS Building, 515-294-3040.

For more information about child care options, contact the university child care coordinator at 515-294-8827.

Disability Resources
Disability Resources coordinates those support services that students may need in order to reach their fullest academic potential. As part of the Dean of Students Office, the coordinator and the Learning Disability Specialist serve as a resource within the university community concerning students who have a disability. DR provides advocacy, information, support, counseling, education, referral, and awareness to students, faculty, staff, the Ames community, and the state of Iowa. For more information, call (515)294-1020, VTDD (515)294-1021.

Identification Card (ISUCard)
The Iowa State University student identification card (ISUCard) will be made available to you at the time of your first registration. This is a permanent card to be used while attending Iowa State. Loss of your ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where the lost card will be invalidated. There will be a charge for each replacement of an ISUCard. Disciplinary sanctions may be imposed for improper use of the ISUCard or attempts to obtain, by fraudulent means, any form of identification.

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

For services such as the Lied Recreation Center, CyCash, or Parks Library, students may apply for the Spouse/Domestic Partner card. Both the student and spouse/domestic partner must bring a photo ID and proof of marriage or relationship to 0530 Beardshear. The cost is $10 per card and the cards expire every year on June 30.
Online Schedule of Classes

www.adp.iastate.edu/cgi-bin/class

Schedule of Classes information can be accessed directly at www.adp.iastate.edu/cgi-bin/class above or from the Office of the Registrar’s home page: www.iastate.edu/~registrar/. The online Schedule of Classes information is updated regularly through the first week of a term. In addition to the course listing, the online information includes meeting rooms, seats open and additional instructor assignments as they become available.

The information below will help you use the search features.

Composing a Search
1. Click on the desired term.
2. Click on the Course box and type in the department name or abbreviation (e.g., “Computer Science” or “Com S”) and the course number.
3. Click on the Submit key.

Search for Evening Classes
Enter “pm” (no periods) in the Section field. All courses meeting at 5:00 p.m. or later will be displayed.

Search for Open Seats
Enter the department in the Course field and “open” in the Section field. (Leave the department field blank to search for all open seats.)

Search for Classes by Number of Credits
Enter the number of credits (e.g., “1.0) in the Title field.

Warning
Sometimes you will receive more information than you need. For example, searching for “Com S” courses will also return “Comst” courses.

Schedule Planner

The Class Schedule Planner at http://planner.iastate.edu allows you to plan your schedule using courses displayed in the Online Schedule of Classes.

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

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 you understand this is a planner and as such it does not register you in courses and cannot be used to complete your registration. The application requires that you have Java on your computer. For more information, see the Help link in the Class Schedule Planner.

AccessPlus

AccessPlus on the Web at accessplus.iastate.edu, is a secure and confidential campus information system that allows you to view a personalized menu from campus or your home workstation. AccessPlus is available to Iowa State University students and faculty/staff, day or night, seven days a week, from anywhere in the world. Information on AccessPlus is kept confidential. Your social security number/university ID and password are required to view your personal information through AccessPlus. Always remember to log out of AccessPlus if you are using a public computer. The following is a partial list of services available on AccessPlus:

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

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.

Footnote Symbols
Footnote symbols will appear to the left of the course title when applicable. These symbols are explained at the bottom of the page.

Course Prerequisites
Course prerequisites, where applicable, are listed in the course listing section of the Schedule of Classes and in the Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005 catalog. A course prerequisite indicates the specific academic background or general academic maturity necessary for the student to be ready to undertake the course. Instructors have the prerogative to direct a student who lacks the stated prerequisite to drop the course. Permission of the instructor is understood to be an alternate to the stated prerequisites in all courses. It is university policy that at the beginning of each course, instructors will inform students who have not met the prerequisite requirements that they must drop the course.

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.

Evening MBA and Saturday MBA

www.bus.iastate.edu/grad

The College of Business offers the Master of Business Administration (MBA) in the evenings in Des Moines and on Saturdays in Ames. These two part-time programs provide an ideal opportunity for students to earn the MBA while working at a full time job.

The Evening MBA and Saturday MBA programs require 48 credit hours of study and can be completed in 31 months. In the Evening MBA program, students attend classes after work twice a week. Saturday classes meet from 8:30 a.m. until 4:30 p.m. Fall and spring semesters are twelve weeks. The summer term is comprised of two, 6-week sessions.

The Evening MBA and Saturday MBA programs are open to all individuals with a bachelor's degree from an accredited college or university. The MBA does not require previous study in business. Students with diverse academic backgrounds and work experiences are encouraged to apply. Both programs admit students for fall semester entry only.

For more information, contact the College of Business, Graduate Programs Office, 1360 Gerdin Business Building, Iowa State University, Ames, IA 50011-2063; (515)294-8118 or toll-free (877)ISU-4MBA; e-mail: busgrad@iastate.edu.
Auditing Courses
To audit a course means to enroll in the course without receiving credit for it. The instructor must approve all audits, and students must register for audits by day 10 of the semester. Students are assessed fees as though they were taking the course for credit, but the course does not count in determining full-time student status. Audits are not recorded on your permanent record except by special request from you and your adviser to your college office and/or dean, with evidence of active involvement in the course.

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. If this occurs after day 5 of the semester, the drop will count toward the total allowable ISU drops.

Canceled Courses
Some course sections may be canceled due to low enrollments or departmental staffing situations. If you enroll in a section that is subsequently canceled, you 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.

Course Comments (Notes)
Some sections are designated in the Schedule of Classes as “permission required”. You may not use AccessPlus to register for these sections. To add a permission required section, obtain the designated departmental signature on the Schedule Change/Restriction Waiver form, and process the form in the Registrar's Student Scheduling Office, 10 Alumni Hall.

Course Descriptions
Course descriptions can be found in the Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005 catalog. Copies of the catalog may be purchased in campus area bookstores. The information is also available via www.public.iastate.edu/~catalog/.

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

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

Distance Education Course Information
All distance education course and program information is available via www.lifelearner.iastate.edu/. Information is added and updated frequently on the Web site. If you do not have Internet access or have questions about distance education courses, call Continuing Education and Communication Services at (515)294-6222 or (800)262-0015.

Experimental Courses
Experimental courses (course numbers ending in “X”) are not included in the Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005 catalog. Course descriptions for experimental courses can be found via the web www.public.iastate.edu/~catalog/exp

Instructor Information
Instructor information, if available, is printed following the meeting time. Instructor assignments are subject to change. Only one instructor name is printed for each section. Instructor information is also available on the Online Schedule of Classes, which is updated periodically.
Late Registration
A late registration fee is charged beginning on the first day of classes. Registration should be completed by the end of the fifth day of classes. To register after the fifth day of classes, you must obtain written permission from the instructors of the courses you plan to take, as well as approval of your college office and/or dean.

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

On-Campus Saturday and Evening Courses
Many on-campus evening and Saturday classes are included in the Online Schedule of Classes from www.adp.iastate.edu/cgi-bin/class. These courses are open to all students, especially those who are unable to attend daytime classes. To search for evening classes from the Online Schedule of Classes, enter “pm” (without quotes and no periods) in the Section field. All courses meeting at 5 p.m. or later will be displayed. Remember that additional offerings may be listed so you should check the meeting times carefully. For questions regarding registration and/or fees, call (515)294-1889.

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

Pass-Not Pass
Check with your adviser/major professor to find out which courses you may take Pass-Not Pass. To take a course Pass-Not Pass, add the course through the web registration system on a graded basis. Then to declare the course Pass-Not Pass, obtain the signature of your adviser/major professor in the Pass-Not Pass section of the Schedule Change/Restriction Waiver form and process the form in the Registrar's Student Scheduling Office, 10 Alumni Hall. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005 catalog.

Validation of Enrollment
To validate your enrollment in each course at the beginning of the semester, you must attend the first or second meeting (first meeting if the class meets only once a week). If you add a course after the term begins, you must attend the next class meeting. The instructor has the option to offer a registered place in the course to another student if you fail to validate your enrollment or obtain prior approval of the instructor. You will not automatically be dropped from the course if you fail to validate your enrollment. You must process the drop yourself or you 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.
Iowa Lakeside Laboratory

The Iowa Lakeside Laboratory is a field station located on approximately 140 acres of restored prairie, wetland, and gallery forest on the shore of West Okoboji Lake in northwest Iowa. The Laboratory was established in 1909 for the conservation and study of the rich flora and fauna of northwest Iowa—especially the Iowa Great Lakes region with its numerous lakes, wetlands, and prairies. It is run by the Iowa Board of Regents.

Each summer the Laboratory provides undergraduate and graduate students an exceptional opportunity to take field-oriented courses in the natural sciences (archaeology, ecology, evolution, geology, taxonomy). Specified courses for environmental science and biology teachers are also offered each summer. Most courses have individual or group field projects as well as formal lectures and discussions. Because all Lakeside courses are total immersion and meet all day, five days a week, students can take only one course at a time. Courses run for two to four weeks, except those for teachers and the Natural History Workshops which run one or two weeks. Class size for most courses is limited to ten students. The current Iowa Lakeside Laboratory Bulletin should be consulted for additional course, housing, and registration information.

Scholarships are available to both undergraduates and graduate students. Scholarships only cover Iowa Lakeside Laboratory room and board.

Additional information about these courses as well as scholarship information and registration forms can be obtained from Iowa Lakeside Laboratory, Administrative Office, Bessey Hall, Iowa State University, Ames, IA 50011-1020. Phone: (515)294-2488; Fax: (515)294-9777; Email: lakeside@iastate.edu. The Iowa Lakeside Laboratory Bulletin is also available at www.lakesidelab.org.

Early registration is advisable. Because enrollment in Lakeside courses is limited, students are advised to submit applications before May 1. Students should apply for housing at the same time as they register. Registration, scholarship, and housing forms for Lakeside Laboratory are included in this booklet.

Natural History Workshops at Lakeside

During the 2005 summer season, Lakeside will offer three sections of the Natural History Workshop, each on a different aspect of the natural history of Iowa. These courses have no prerequisites and are designed to serve the needs of teachers, naturalists, conservationists, and anyone else with an interest in Iowa’s natural history. Each section lasts one or two weeks.

The following sections will be offered this summer:

G. Prairies (June 19-24).
I. Common Insects (July 31-August 5).
P. Field Archaeology (July 3-8, July 10-15, or July 3-15).

Field Archaeology enables participants with no previous experience to take part in an ongoing archaeological dig at an Oneota site in northwest Iowa. Participants can take up to two consecutive sections of this course.

Lakeside Lab Course Descriptions

The following courses will be offered at Iowa Lakeside Laboratory during Summer 2005. Iowa State University course numbers are listed under the course title.

Undergraduate Internship

*Ia LL 303I (A Ecl 303I)*

Cr. 1-5. Prereq: Permission of instructor and sophomore standing. Placement with county conservation boards, camps, parks, etc., for experience as interpreters, rangers, and technicians.

Ecology

*Ia LL 312I (A Ecl 312I, Biol 312I, Bot 312I, EnSci 312I, Zool 312I)*

Cr. 4. May 22-June 17. MTWRF 8-5. D. Randy Mercer, University of Northern Iowa.

An introduction to the principles of ecology at the population, community, and ecosystem level. Field studies of local lakes, wetlands, and prairies are used to examine factors controlling distributions, interactions, and roles of plants and animals in native ecosystems.

Ornithology

*Ia LL 326I (A Ec; 326I)*


The biology, and behavior of birds with emphasis on field studies of local avifauna. Group projects stress techniques of population analysis and methodology for population studies.

Plant Taxonomy

*Ia LL 367I (Bot 367I)*

Cr. 4. June 19-July 15. MTWRF 8-5. William Norris, Western New Mexico University.

Principles of classification and evolution of vascular plants; taxonomic tools and collection techniques; use of keys. Field and laboratory studies emphasizing identification of local flowering plants and recognition of major plant families.

Introduction to Insect Ecology

*Ia LL 371I (Ent 371I)*

Cr. 4. July 17-August 11. MTWRF 8-5. D. Randy Mercer, University of Northern Iowa.

Field and laboratory study of insects, their diversity, life history; emphasis on ecology and behavior.
Environmental Analysis of Watersheds: Hydrology and Surficial Processes
*Ia LL 402I (Agron 402I, EnSci 402I)*
Cr. 4. June 19-July 15. MTWRF 8-5. Lee Burras, Iowa State University.
Prereq: Four courses in the physical or biological sciences or engineering. Effects of geomorphology, soils, and land use on transport of water and materials (nutrients, contaminants) in watersheds. Fieldwork will emphasize investigation of the Iowa Great Lakes watershed.

Prairie Ecology
*Ia LL 422I (Bot 422I, EnSci 422I)*
Cr. 4. June 19-July 15. MTWRF 8-5. Daryl Smith, University of Northern Iowa.
Prereq: Familiarity with basic principles in biological sciences and ecology. Basic patterns and underlying physical and biotic causes of both regional and local distributions of plants and animals of North American prairies; field and laboratory analyses and projects.

 Archaeology
*Ia LL 427I (Anthr 427I)*
Cr. 4. June 19-July 15. MTWRF 8-5. Michael Shott, University of Northern Iowa.
Nature of cultural and environmental evidence in archaeology and how they are used to model past human behavior and land use; emphasis on Iowa prehistory; basic reconnaissance surveying and excavation techniques.

Illustrating Nature I: Sketching
*Ia LL 435I (BPM I 435I)*
Cr. 2. May 22-June 3. MTWRF 8-5. C. Arthur Croyle, Iowa State University.
Sketching plants, animals and terrain. Visual communication, development of a personal style, and integration of typographic and visual elements on a page will be emphasized.

Illustrating Nature II: Photography
*Ia LL 436I (BPM I 436I)*
Cr. 2. June 5-17. MTWRF 8-5. Thomas R. Rosburg, Drake University.
Beginning to intermediate technical and compositional aspects of color photography of natural areas and their plants and animals.

Introduction to GIS
*Ia LL 461I (Bot 461I, EnSci 461I, Env S 461I, L A 461I)*
Cr. 4. May 22-June 17. MTWRF 8-5. Lee Burras (coordinator), Iowa State University.
Descriptive and predictive GIS modeling techniques, spatial statistics, and map algebra. Application of GIS modeling techniques to environmental planning and resource management.

Plant Ecology
*Ia LL 484I (Bot 484I)*
Cr. 4. July 17-August 11. MTWRF 8-5. Thomas Rosburg, Drake University.
Principles of plant population, community, and ecosystem ecology illustrated through studies of native vegetation in local prairies, wetlands, and forests. Group of individual projects.

Undergraduate Independent Study
*Ia LL 490I (A Ecl 490I, Anthr 490I, Biol 490I, Bot 490I, Zool 490I)*
Cr. 1-4.
Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, 131 Bessey, for additional information.

Natural History Workshop
*Ia LL 493*
Cr. 1 for each week taken. MTWRF 8-5
One-or two-week long non-technical introductions to a specific aspect of the natural history of the Upper Midwest or techniques for studying natural history.
G. Prairies (June 19-24), Daryl Smith, University of Northern Iowa.
I. Common Insects (July 31-August 5) D. Randy Mercer, University of Northern Iowa.
P. Field Archaeology (Sec. 1: July 3-8; Sec 2: July 10-15; Sec 3: July 3-15), Michael Shott, University of Northern Iowa.

Ecosystems of North America
*Ia LL 494*
Cr. 4. June 19-July 15. MTWRF 8-5. Diana Horton, University of Iowa.
Prereq: A general ecology course and permission of the instructor. An extended field trip to study a particular type of ecosystem (prairie, coastal wetland, forest, alpine, coral reefs, etc.) or the ecosystems of a specific region (Rocky Mountains, Gulf Coast, Appalachian Mountains, Deserts of the Southwest, Central America, etc.). Prior to the field trip, there will be an orientation period and after each field trip a review and synthesis period. A field trip fee will be assessed to cover travel expenses.

Undergraduate Research
*Ia LL 499*
Cr. 1-4.
Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, 131 Bessey, for additional information.

Freshwater Algae
*Ia LL 501I (Bot 501I)*
Cr. 4. May 22-June 17. MTWRF 8-5. James L. Wee, Loyola University.
Structure and taxonomy of freshwater algae based on field collected material; emphasis on genus-level identification, habitats visited include lakes, fens, streams, and rivers; algal ecology.
Graduate Internships

Ia LL 503
Cr. 1-5.
Prereq: Permission of instructor and graduate standing. Placement with county conservation boards, camps, parks, schools, etc., for experience as interpreters, rangers, technicians, and teachers.

Aquatic Ecology

Ia LL 508I (A Ecl 508I, EnSci 508I)
Prereq: Courses in ecology, chemistry, and physics. Analysis of aquatic ecosystems; emphasis on basic ecological principles; ecological theories tested in the field; identification of common plants and animals.

Conservation Biology

Ia LL 531I (A Ecl 531I, Bot 531I)
Cr. 4. July 17-August 11. MTWRF 8-5. Michael J. Lannoo, Indiana University School of Medicine, Ball State University.
Prereq: Ecology. Population-and community-level examination of factors influencing the viability of plant and animal populations from both demographic and genetic perspectives; assessment of biodiversity; design and management preserves.

Techniques for Biology Teaching

Ia LL 573A
Cr. 1. (Sec. 1: June 12-17; Sec. 2: June 26-July 1) MTWRF 8-5. Charles Drewes, Iowa State University.
The development and implementation of laboratory exercises suitable for inclusion in elementary, middle, high school, and community college biology and environmental courses. Exercises will be built around common organisms and ecosystems in Iowa. Field trips.

Ecology and Systematics of Diatoms

Ia LL 580I (Bot 580I)
Field and laboratory study of freshwater diatoms; techniques in collection, preparation, and identification of diatom samples; study of environmental factors affecting growth, distribution, and taxonomic characters; project design and execution, including construction of reference and voucher collections and data organization and analysis.

Graduate Independent Study

Ia LL 590I (A Ecl 590I, Anthr 590I, Bot 590I, Zool 590I)
Cr. 1-4
Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, 131 Bessey, for additional information.

Research

Cr. 1-4
Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, 131 Bessey, for additional information.
Registration Worksheet

Name (please print): ________________________________________________________________________________________

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

Please provide your university ID _____________________________________________________________________________________________

If you 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 http://www.ats.iastate.edu/cgi-bin/class for the list of classes offered for the term. Use the spaces provided below to plan the courses you want on your schedule.

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

C. Register via AccessPlus http://accessplus.iastate.edu/. Follow the instructions and prompts on the screens. It is your responsibility to check for schedule conflicts. Attempt to add a course you need even if the section is closed. This action helps the University monitor 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 your first choice courses are closed.

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

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<th>Reference #</th>
<th>Department</th>
<th>Course</th>
<th>Section</th>
<th>Credit</th>
<th>Meeting Day(s) and Time</th>
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Notes

Adviser Signature: __________________________ Date Approved: __________________________
# Registration Trial Schedule Grid

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Registration

To register for classes, you need the following materials and information:

- Registration Worksheet, available for download at www.iastate.edu/~registrar.
- A RAN* (registration access number) if required by their college. Colleges that currently do not require a RAN are Business, Family and Consumer Sciences, Veterinary Medicine, and the Graduate College.
- Course information from the Online Schedule of Classes at www.ats.iastate.edu/cgi-bin/class.
- Other departmental information applicable to their curriculum, available from their adviser.

Deadlines
Friday, May 13 is the last day to initiate a registration for Summer 2005 through AccessPlus.

Cancelling
You must notify the Office of the Registrar by Friday, May 13 of your intent to cancel registration to avoid tuition assessment. For information and a cancellation form, see www.iastate.edu/~registrar/registration/.

RAN
The registration access number (RAN) is your confidential, personal number required by some colleges to use the registration system. Since you will be held accountable for all changes made to your schedule through AccessPlus, do not share your number with anyone! You will be assigned a new RAN each registration period.

To register, follow these steps:

1. Meet with your 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 of each course. Students are responsible for choosing their course sections. In most cases advisers will not be involved in selecting meeting times.

3. Review your registration start date/time information and any registration hold information on AccessPlus, under Current information. Students in those colleges which require a four-digit registration access number (RAN) should meet with their adviser to obtain their Registration Authorization Card on which the RAN is printed.

4. Register for courses using the AccessPlus registration system.

5. Review schedule on AccessPlus, which will include room locations beginning Monday, April 25.

6. Pay fees. You will receive a bill from the Accounts Receivables Office for tuition, room and board, and various other university charges. Failure to receive a billing statement will not exempt you from late penalties or from having a hold placed on your registration. Call 294-7388 if you have questions.

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

AccessPlus Registration Tips

Hours for the registration system: Monday-Saturday, 7 a.m. - 10 p.m.

AccessPlus does not check for time conflicts. Be sure to 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 Schedule of Classes link at the top of the screen. Section restrictions can be found at that site.
ACCOUNTING

LEGAL ENVIRONMENT BUSINESS ACCOUNTING ACCT 215 3 CR.
PREREQ: SOPH CLASSIFICATION
5277005 A MTWRF 7:30-9:30
SECT A: MAY 16-JUNE 10

FINANCIAL ACCOUNTING ACCT 284 3 CR.
COURSE NOT OPEN TO GRADUATE STUDENTS
1110005 A MTWRF 9:50-11:50
SECT A: MAY 16-JUNE 10

MANAGERIAL ACCOUNTING ACCT 285 3 CR.
PREREQ: 284
COURSE NOT OPEN TO GRADUATE STUDENTS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
1112005 A MTWRF 9:50-11:50
SECT A: JUNE 13-JULY 8

INTERMEDIATE MANAGERIAL ACCOUNTING ACCT 383 3 CR.
PREREQ: 285 OR 508
COURSE RESTRICTED TO ACCT, BUS S, BUS U, FIN, MGMT, MIS, MKT, POM, TRLOG, AG B MAJORS ONLY
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
1117005 A MTWRF 9:50-11:50
SECT A: JUNE 13-JULY 8

INTERMEDIATE ACCOUNTING I ACCT 386 3 CR.
PREREQ: 285 OR 508
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
1118005 A1 MTWRF 7:30-9:30
SECT A1: JUNE 13-JULY 8
SECTION A1 RESTRICTED TO ACCT MAJORS ONLY

ACCOUNTING

ADVANCED FEDERAL TAXATION ACCT 586 3 CR.
PREREQ: 485
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7001005 A MTWRF 2:30-4:30
SECT A: MAY 16-JUNE 10

SPECIAL TOPICS ACCT 590 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ACCT 599 2 CR.
PREREQ: ADMISSION TO THE MASTER OF ACCT PROGRAM
******* SEE DEPT FOR REFERENCE NUMBERS

ADVERTISING

STATEGIC PLAN AD & PR ADVRT 301 3 CR.
PREREQ: 230 OR JL MC 220; MAJORS AND MINORS MUST ALSO HAVE CR OR CONCURRENT ENROLLMENT IN JL MC 201
4439005 1 MTWRF 9:50-11:30
SECT 1: MAY 16-JUNE 24

ADVERTISING CREATIVITY ADVRT 334 3 CR.
PREREQ: 301
4669005 MTWRF 9:50-11:30
ARRANGED
MAY 16-JUNE 24

AEROSPACE ENGINEERING

INDEPENDENT STUDY AER E 290X 1-3 CR.
PREREQ: APPROVAL OF THE DEPARTMENT
2651005 ARRANGED, MAY 16-AUG 5
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

COORDINATE EDUC AER E 298 R CR.
Satisfactory-Fail only.
PREREQ: PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
1159005 ARRANGED, MAY 16-AUG 5

SUMMER INTERNSHIP AER E 396 R CR.
Satisfactory-Fail only.
PREREQ: PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
1430005 ARRANGED, MAY 16-AUG 5

COORDINATE EDUC AER E 398 R CR.
Satisfactory-Fail only.
PREREQ: 298, PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
1171005 ARRANGED, MAY 16-AUG 5

INDEPENDENT STUDY AER E 490A 1-6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS
AEROSPACE ENGINEERING

IND STY PROPULSION AER E 490B  1- 6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD AEROS STRUC AER E 490C  1- 6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD FLIGHT DYN AER E 490D  1- 6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD SPACER SYS AER E 490E  1- 6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

IND ST FLT CONT SYS AER E 490F  1- 6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AER E 490H  1- 6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
UNIV HONORS PROGRAM MEMBERSHIP
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD NONDESTR EV AER E 490J  1- 6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD WIND ENGR AER E 490K  1- 6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD ULTRALIGHT AER E 490L  1- 6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD SENIOR PROJ AER E 490M  1- 6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC AER E 498  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 398, PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
12333175 ARRANGED, MAY 16-AUG 5

SPL TOP AERODYNAMCS AER E 590A  1- 5 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PROPULSION AER E 590B  1- 5 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

CREATIVE COMPONENT AER E 599  1- 5 CR.
1233006 AB ARRANGED
SECT AB:MAY 16-AUG 5
1233016 AM ARRANGED
SECT AM:MAY 16-AUG 5
1233020 AR ARRANGED
SECT AR:MAY 16-AUG 5
1233045 DC ARRANGED
SECT DC:MAY 16-AUG 5
1233074 FH ARRANGED
SECT FH:MAY 16-AUG 5
1233080 GI ARRANGED
SECT GI:MAY 16-AUG 5
1233085 GR ARRANGED
SECT GR:MAY 16-AUG 5
1233094 HH ARRANGED
SECT HH:MAY 16-AUG 5
1233110 JT ARRANGED
SECT JT:MAY 16-AUG 5
1233112 JV ARRANGED
SECT JV:MAY 16-AUG 5
1233118 KH ARRANGED
SECT KH:MAY 16-AUG 5
1233125 LS ARRANGED
SECT LS:MAY 16-AUG 5
1233155 PL ARRANGED
SECT PL:MAY 16-AUG 5
1233160 PP ARRANGED
SECT PP:MAY 16-AUG 5
1233165 PS ARRANGED
SECT PS:MAY 16-AUG 5
1233180 RH ARRANGED
SECT RH:MAY 16-AUG 5
1233195 RT ARRANGED
SECT RT:MAY 16-AUG 5
1233240 TM ARRANGED
SECT TM:MAY 16-AUG 5
1233245 TR ARRANGED
SECT TR:MAY 16-AUG 5
1233246 TS ARRANGED
SECT TS:MAY 16-AUG 5
1233260 VD ARRANGED
SECT VD:MAY 16-AUG 5

AEROSPACE ENGINEERING

SPL TOP SPACECR SYS AER E 590E  1- 5 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLIGHT CONT AER E 590F  1- 5 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VISCOS AER AER E 590H  1- 5 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPCL TOP OPTIMIZATN AER E 590L  1- 5 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP WIND ENGR AER E 590N  1- 5 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

BASTAWROS A
MITRA A
ROTHMAYER A
CHIMENTI D
HAAN F
INGER G
RAJAGOPALAN R
HU H
TANNEHILL J
VOGEL J
HSU D
SCHMERR L
LU P
SARKAR P
SHHMAN P
KINDMAN R
THOMPSON R
MCDANIEL T
RUDOLPHI T
SHIH T
DAYAL V
AEROSPACE ENGINEERING

ADV TOP AER DYNAMCS AER E 690A 1-5 CR. ******* SEE DEPT FOR REFERENCE NUMBERS
ADV TOPC PROPULSION AER E 690B 1-5 CR. ******* SEE DEPT FOR REFERENCE NUMBERS
ADV TOP AEROS STRUC AER E 690C 1-5 CR. ******* SEE DEPT FOR REFERENCE NUMBERS
ADV TOP FLIGHT DYNA AER E 690D 1-5 CR. ******* SEE DEPT FOR REFERENCE NUMBERS
ADV TOP SPACECR SYS AER E 690E 1-5 CR. ******* SEE DEPT FOR REFERENCE NUMBERS
ADV TOP FLIGHT CTRL AER E 690F 1-5 CR. ******* SEE DEPT FOR REFERENCE NUMBERS
ADV TOP VISCOUS AER AER E 690H 1-5 CR. ******* SEE DEPT FOR REFERENCE NUMBERS
ADV TOP COMP AERODY AER E 690K 1-5 CR. ******* SEE DEPT FOR REFERENCE NUMBERS
ADV TOP NONDESTR EV AER E 690L 1-5 CR. ******* SEE DEPT FOR REFERENCE NUMBERS
ADV TOP WIND ENGINR AER E 690M 1-5 CR. ******* SEE DEPT FOR REFERENCE NUMBERS
ENGINEERG INTERNSHP AER E 697 R CR. SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DOGE, GRADUATE CLASSIFICATION
8131005 ARRANGED, MAY 16-AUG 5

AGRICULTURAL EDUCATION & STUDIES

ETHNIC&RACE RELATNS AF AM 330 3 CR.
PREREQ: SOC 130 OR 134
MEETS U.S. DIVERSITY REQMT.
8638005 1 MWF 12:10-4:00
SECT A: JUNE 13-JULY 8

IND STD PHIL,CURRIC AGEDS 490A 1-3 CR.
PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
A MAXIMUM OF 6 CREDITS OF AGEDS 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION. PERMISSION OF INSTRUCTOR REQUIRED 1ST
WEEK - PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
******* SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL EDUCATION

FIELD EXP AG INDUST AGEDS 211A 1 CR.
PREREQ: 110
7586005 ARRANGED, MAY 16-AUG 5
FIELD EXP EXTENSION AGEDS 211B 1 CR.
PREREQ: 110
7594005 ARRANGED, MAY 16-AUG 5
******* SEE DEPT FOR REFERENCE NUMBERS
SUMMER 2005     Last Updated 01-04-2005

AGRICULTURAL EDUCATION & STUDIES

IND STDY ENVIR ISSU AGEDS 490F 1- 3 CR.
PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
A MAXIMUM OF 6 CREDITS OF AGEDS 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION. PERMISSION OF INSTRUCTOR REQUIRED
1ST WEEK - PROCESS APPROVED ADD SLIP IN 10 ALUMNI
HALL.  ******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AGEDS 490H 1- 3 CR.
PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION,
MEMBERSHIP IN UNIV HONORS PROGRAM
A MAXIMUM OF 6 CREDITS OF AGEDS 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION. PERMISSION OF INSTRUCTOR REQUIRED
1ST WEEK - PROCESS APPROVED ADD SLIP IN 10 ALUMNI
HALL.  ******** SEE DEPT FOR REFERENCE NUMBERS

IND STD COMMUNICATN AGEDS 490I 1- 3 CR.
PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
A MAXIMUM OF 6 CREDITS OF AGEDS 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION. PERMISSION OF INSTRUCTOR REQUIRED
1ST WEEK - PROCESS APPROVED ADD SLIP IN 10 ALUMNI
HALL.  ******** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH AGEDS 499 VAR.  CR.
PREREQ: PERMISSION OF INSTRUCTOR, ADVISER, &
DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8361005  ARRANGED, MAY 16-AUG 5

AG ED SHORT COURSE AGEDS 500 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
MATERIALS FEE $25.00
1295005  ARRANGED, MAY 16-AUG 5

SPCL TOP CURRICULUM AGEDS 590A 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS METHODS AGEDS 590B 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHILOSOPHY AGEDS 590C 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP EVALUATION AGEDS 590D 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL EDUCATION & STUDIES

SPL TOPICS ADMINIST AGEDS 590E 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP LEADERSHIP AGEDS 590F 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GUIDANCE AGEDS 590G 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INSTR TCHNL AGEDS 590I 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTRNATL AG AGEDS 590K 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTRNATIONAL AG AGEDS 590K 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP CURRICULUM AGEDS 593A 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
FIELD TRIPS & TRAVEL FEE $25.00
1317005  ARRANGED, MAY 16-AUG 5

METHODS WORKSHOP AGEDS 593B 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
FIELD TRIPS & TRAVEL FEE $25.00
1318005  ARRANGED, MAY 16-AUG 5

WORKSHOP EVALUATION AGEDS 593C 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
FIELD TRIPS & TRAVEL FEE $25.00
1319005  ARRANGED, MAY 16-AUG 5

ADMINISTRATIVE WORKSHOP AGEDS 593D 1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
FIELD TRIPS & TRAVEL FEE $25.00
1320005  ARRANGED, MAY 16-AUG 5
AGRICULTURAL EDUCATION & STUDIES

WORKSHOP LEADERSHIP  AGEDS 593E  1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
FIELD TRIPS & TRAVEL FEE $25.00
1321005  ARRANGED, MAY 16-AUG 5

WORKSHOP EXTENSION  AGEDS 593F  1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
FIELD TRIPS & TRAVEL FEE $25.00
1322005  ARRANGED, MAY 16-AUG 5

WRKSHP PROGRAM PLAN  AGEDS 593G  1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
FIELD TRIPS & TRAVEL FEE $25.00
1323005  ARRANGED, MAY 16-AUG 5

WKSHP INSTR TECHNOL  AGEDS 593H  1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
FIELD TRIPS & TRAVEL FEE $25.00
1890005  ARRANGED, MAY 16-AUG 5

WKSP BIOTECHNOLOGY  AGEDS 593M  1- 3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
FIELD TRIPS & TRAVEL FEE $25.00
6536005  ARRANGED, MAY 16-AUG 5

CREATIVE COMPONENT  AGEDS 599  VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

SEMINAR IN AG ED  AGEDS 615  1 CR.
SATISFACTORY-FAIL ONLY.
1327005  MW 8:40-11:00
JUNE 13-JULY 8

PRO INTERNSHP AG ED  AGEDS 617  1- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  AGEDS 699  VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL ENGINEERING

COORDINATE EDUC  A E  298  R CR.
PREREQ: PERMISSION OF DEPARTMENT COOP COORDINATOR
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
1005005  ARRANGED, MAY 16-AUG 5

SUMMER INTERNSHIP  A E  396  R CR.
PREREQ: PERMISSION OF DEPT INTERNSHIP COORDINATOR
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
1156005  ARRANGED, MAY 16-AUG 5

COORDINATE EDUC  A E  398  R CR.
PREREQ: 298, PERMISSION OF DEPT COOP COORDINATOR
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
1012005  ARRANGED, MAY 16-AUG 5

AGRICULTURAL ENGINEERING

IND STD BIOSYS ENGR  A E  490B  1- 4 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STD CPTR-A DSGN  A E  490C  1- 4 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STDY FOOD ENGR  A E  490F  1- 4 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  A E  490H  1- 4 CR.
PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STDY POWR & MACH  A E  490P  1- 4 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STDY STRUCTURES  A E  490Q  1- 4 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STDY PROCES ENG  A E  490R  1- 4 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STD ENVIR & RES  A E  490S  1- 4 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STUDY WASTE MGT  A E  490U  1- 4 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

COORDINATE EDUCATN  A E  498  R CR.
PREREQ: 398, PERMISSION OF THE DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
1030005  ARRANGED, MAY 16-AUG 5

SPL TOPIC FOOD ENGR  A E  590F  1- 3 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP POWER & MACH  A E  590P  1- 3 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP STRUC & ENVIRN  A E  590Q  1- 3 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP PROCESS ENGR  A E  590R  1- 3 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP WATER & ENVIR  A E  590S  1- 3 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP WATER & ENVIR  A E  590S  1- 3 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WASTE MGT  A E  590U  1- 3 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

MASTER'S TECH PAPER  A E  598  1 CR.
SATISFACTORY-FAIL ONLY.
8332005  ARRANGED, MAY 16-JULY 8

CREATIVE COMPONENT  A E  599  VAR. CR.
1044005  ARRANGED, MAY 16-AUG 5
AGRICULTURAL ENGINEERING

ENGINEERING INTERNSHIP A E 697 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPT CHAIR, GRAD CLASSIF
1700005  ARRANGED, MAY 16-AUG 5

TECHNICAL PAPER PHD A E 698 1 CR.
SATISFACTORY-FAIL ONLY.
8333005  ARRANGED
MAY 16-JULY 8

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

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

RESRCH POWER &MACHI A E 699P VAR. CR.
*******   SEE DEPT FOR REFERENCE NUMBERS

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

RESRCH PROCESS ENGR A E 699R VAR. CR.
*******   SEE DEPT FOR REFERENCE NUMBERS

RES ENVIRON&NAT RES A E 699S VAR. CR.
*******   SEE DEPT FOR REFERENCE NUMBERS

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

AGRICULTURAL SYSTEMS TECHNOLOGY

IND STUDY CMPTR APP AST 490C 1- 3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED
TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR
GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******   SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELECTRICAL AST 490E 1- 3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED
TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR
GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******   SEE DEPT FOR REFERENCE NUMBERS

IND STDY GRAIN OPER AST 490G 1- 3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED
TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR
GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******   SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AST 490H 1- 3 CR.
PREREQ: JR OR SR CLASSIFICATION,
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED
TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR
GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******   SEE DEPT FOR REFERENCE NUMBERS

IND STDY SAFETY&HUM AST 490I 1- 3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED
TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR
GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******   SEE DEPT FOR REFERENCE NUMBERS

IND STDY BIOPROCESS AST 490K 1- 3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED
TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR
GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******   SEE DEPT FOR REFERENCE NUMBERS

IND STDY LVSTK PROD AST 490L 1- 3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED
TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR
GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******   SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL SYSTEMS TECHNOLOGY

AST WORK EXPERIENCE AST 297 2 CR.
PREREQ: AST MAJOR, INSTRUCTOR APPROVAL PRIOR TO
COMMENCING WORK EXPERIENCE
A MAXIMUM OF 4 CREDITS OF AST 297 MAY BE APPLIED
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION
*******   SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC AST 298 R CR.
PREREQ: SOPHOMORE CLASSIFICATION IN AST, APPROVAL
OF COOPERATIVE COORDINATOR. MUST REGISTER PRIOR
TO COMMENCING EACH WORK PERIOD.
*******   SEE DEPT FOR REFERENCE NUMBERS

AST INTERNSHIP AST 397 R CR.
PREREQ: SOPH IN AST, INTERN COORDINATOR APPROVAL
*******   SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC AST 398 R CR.
PREREQ: JR CLASSIF IN AST, APPROVAL OF COOP Coord
REGISTER PRIOR TO COMMENCING EACH WORK PERIOD
*******   SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENVIR/AIR AST 490A 1- 3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED
TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR
GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******   SEE DEPT FOR REFERENCE NUMBERS
AGRICULTURAL SYSTEMS TECHNOLOGY

IND STDY MACHIN SYS AST 490M 1-3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENERGY AST 490N 1-3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOIL & WTR AST 490S 1-3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY STRUC/BLDG AST 490T 1-3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY WASTE MGT AST 490W 1-3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

WKSHP TRACTOR&MACHN AST 493J 1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
1387005 W 1:00-5:00
RF 8:00-5:00
JUNE 15-17
TOPIC: PRECISION FARMING WORKSHOP FEE APPLIES

COOPERATIVE EDUC AST 498 R CR.
PREREQ: SR CLASSIF IN AST, APPROVAL OF COOP COORD MUST REGISTER PRIOR TO COMMENCING EACH WORK PERIOD
******* SEE DEPT FOR REFERENCE NUMBERS

AGRONYOMY

INTRO METEOROLOGY AGRON 206 3 CR.
1397005 1 ARRANGED
SECT 1 MAY 16-AUG 5

PROF DEVEL:INTERNSP AGRON 310 R CR.
1389005 ARRANGED, MAY 16-AUG 5

WORLD FOOD ISSUES AGRON 342 3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1402005 MTWRF 8:40-10:50
MAY 16-JUNE 10

COOPERATIVE EDUCATN AGRON 398 R CR.
PREREQ: PERMISSION OF DEPARTMENT COOPERATIVE EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
1411005 ARRANGED, MAY 16-AUG 5

WTRSHED HYDROL&SURF AGRON 402I 4 CR.
PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 7299005
MTWRF 8:00-5:00
JUNE 19-JULY 15

INDEPENDENT STUDY AGRON 490 1-3 CR.
PREREQ: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON INSTRUCTR PERMISN IN SPECIALTY AREA AFTER CONSULTATN
A MAXIMUM OF 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 CR.
PREREQ: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER CONSULTATN
MEMBERSHIP IN THE HONORS PROGRAM A MAXIMUM OF 4 CREDITS OF AGRON 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN AGRON 498 R CR.
PREREQ: PERMISSION OF DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
1416005 ARRANGED, MAY 16-AUG 5

FIELD METH PL BRDNG AGRON 522 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 521
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
1448005 TR 8:00-12:00
ARRANGED
JUNE 13-AUG 5

APPLD AG METEOROLGY AGRON 541 2 CR.
PREREQ: 206 OR UPPER DIVISION BIOLOGICAL SCIENCE
1454005 ARRANGED, MAY 16-AUG 5
AGRONOMY

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

WRKSHP SEED SCIENCE  AGRON 593E  VAR. CR.
PREREQ: GRADUATE CLASSIFICATION
7521005  ARRANGED, MAY 16-AUG 5

CR COMP AG METEOROL  AGRON 599A  VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1472005  ARRANGED, MAY 16-AUG 5

CR COMP CROP PRD&PH  AGRON 599B  VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1473005  ARRANGED, MAY 16-AUG 5

CR COMP PLNT BREEDG  AGRON 599C  VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1474005  ARRANGED, MAY 16-AUG 5

CRTV COMP SOIL CHEM  AGRON 599D  VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1475005  ARRANGED, MAY 16-AUG 5

CR COMP SOIL FERTIL  AGRON 599E  VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1476005  ARRANGED, MAY 16-AUG 5

CRTV COMP SOIL MGT  AGRON 599F  VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1477005  ARRANGED, MAY 16-AUG 5

CR COMP SOIL MICROB  AGRON 599G  VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1478005  ARRANGED, MAY 16-AUG 5

CR COMP SOIL MORPH  AGRON 599H  VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1479005  ARRANGED, MAY 16-AUG 5

CR COMP SOIL PHYSCS  AGRON 599I  VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1480005  ARRANGED, MAY 16-AUG 5

AGRON TCHNG PRACTCM  AGRON 698  1- 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION IN AGRON AND
PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

RES AG METEOROLOGY  AGRON 699A  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RES CROP PROD&PHYSL  AGRON 699B  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RES PLNT BREEDING  AGRON 699C  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SOIL CHEM  AGRON 699D  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

AGRONOMY

RESEARCH SOIL FERT  AGRON 699E  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SOIL MGT  AGRON 699F  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RES SOIL MICROBIOL  AGRON 699G  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SOIL MORPH  AGRON 699H  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOIL PHYSICS  AGRON 699I  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RES PLANT PHYSIOLGY  AGRON 699J  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEED SCI  AGRON 699K  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH WEED SCI  AGRON 699L  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

AMERICAN INDIAN STUDIES

INTRO AM IN STUDIES  AM IN 210  3 CR.
MEETS U.S. DIVERSITY REQMT.
1506005  1 MTWRF 8:40-9:40
SECT 1:MAY 16-JULY 8
1506010  2 MTWRF 9:50-10:50
SECT 2:JUNE 13-AUG 5

INDEPENDENT STUDY  AM IN 490  VAR. CR.
PREREQ: 6 CR IN AM IN STUDIES, INSTR PERMISSION
COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2005.
NO MORE THAN 9 CREDITS IN AM IN 490 MAY BE APPLIED
TOWARD GRADUATION.
*******  SEE DEPT FOR REFERENCE NUMBERS

ANIMAL ECOLOGY

UNDERGRAD INTERNSHP  A ECL 303I  1- 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR, SOPH STANDING
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
4355005  ARRANGED

ECOLOGY  A ECL 312  3 CR.
PREREQ: BIOL 202L
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $50.00
1061005  A MTWR 11:00-12:00
SECT A:MAY 16-JULY 8
1061010  B MTWR 11:00-12:00
SECT B:MAY 16-JULY 8

ECOLOGY  A ECL 312I  4 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3713005  MTWRF 8:00-5:00
MAY 22-JUNE 17
ANIMAL ECOLOGY

ORNITHOLOGY  A ECL 326I  4 CR.  
PERMISSION REQUIRED - TO REGISTER, CONTACT  
IOWA LAKESIDE LAB OFFICE, 131 BESSEY  
3723005  MTWRF 8:00-5:00  
MAY 22-JUNE 17

UG INDEP STDY IA LL  A ECL 490I  1- 4 CR.  
PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND  
PERMISSION OF INSTRUCTOR  
PERMISSION REQUIRED - TO REGISTER, CONTACT  
IOWA LAKESIDE LAB OFFICE, 131 BESSEY  
4016005  ARRANGED

AQUATIC ECOLOGY  A ECL 508I  4 CR.  
PERMISSION REQUIRED - TO REGISTER, CONTACT  
IOWA LAKESIDE LAB OFFICE, 131 BESSEY  
3861005  MTWRF 8:00-5:00  
JUNE 19-JULY 15

CONSERVATION BIOLOGY  A ECL 531I  4 CR.  
PERMISSION REQUIRED - TO REGISTER, CONTACT  
IOWA LAKESIDE LAB OFFICE, 131 BESSEY  
5653005  MTWRF 8:00-5:00  
JULY 17-AUG 11

TCHNG TCHG ANIM BIO  A ECL 573A  1- 2 CR.  
PERMISSION REQUIRED - TO REGISTER, CONTACT  
IOWA LAKESIDE LAB OFFICE, 131 BESSEY  
7453005  1 MTWRF 8:00-5:00  
SECT 1:JUNE 12-17  
7453010  2 MTWRF 8:00-5:00  
SECT 2:JUNE 26-JULY 1

GRAD IND STDY IA LL  A ECL 590I  1- 4 CR.  
PREREQ: PERMISSION OF INSTRUCTOR & GRAD CLASSIF  
PERMISSION REQUIRED - TO REGISTER, CONTACT  
IOWA LAKESIDE LAB OFFICE, 131 BESSEY  
3979005  1 ARRANGED

CREATIVE COMPONENT  A ECL 599  VAR. CR.  
PREREQ: NONTHESIS M.S. OPTION ONLY  
******* SEE DEPT FOR REFERENCE NUMBERS

TEACHING PRACTICUM  A ECL 698  1- 3 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: GRADUATE CLASSIFICATION IN ANIMAL ECOLOGY  
AND PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH - IA LL  A ECL 699I  1- 4 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
PERMISSION REQUIRED - TO REGISTER, CONTACT  
IOWA LAKESIDE LAB OFFICE, 131 BESSEY  
3966005  ARRANGED

ANIMAL SCIENCE

ANIM SCI INTERNSHIP  AN S 399A  2- 6 CR.  
PREREQ: PERMISSION OF THE INSTRUCTOR  
1538005  ARRANGED, MAY 16-AUG 5

SUPERV'D INTERNSHIP  AN S 399B  R CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: PERMISSION OF INTERNSHIP COORDINATOR  
2258005  ARRANGED, MAY 16-AUG 5

IND STDY AN SCIENCE  AN S 490A  1- 3 CR.  
PREREQ: PERMISSION OF THE INSTRUCTOR  
A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE APPLIED  
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
MATERIALS FEE $0.00-$50.00  
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY DY SCIENCE  AN S 490B  1- 3 CR.  
PREREQ: PERMISSION OF THE INSTRUCTOR  
A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE APPLIED  
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
MATERIALS FEE $0.00-$50.00  
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY MEAT SCI  AN S 490C  1- 3 CR.  
PREREQ: PERMISSION OF THE INSTRUCTOR  
A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE APPLIED  
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
MATERIALS FEE $0.00-$50.00  
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD POUlTRY SCI  AN S 490G  1- 3 CR.  
PREREQ: PERMISSION OF THE INSTRUCTOR  
A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE APPLIED  
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
MATERIALS FEE $0.00-$50.00  
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  AN S 490H  1- 3 CR.  
PREREQ: PERMISSION OF THE INSTRUCTOR, MEMBERSHIP  
in the HONORS PROGRAM  
A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE APPLIED  
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
MATERIALS FEE $0.00-$50.00  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AN BREEDING  AN S 590A  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANIMAL NUTR  AN S 590B  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEAT AN PRO  AN S 590C  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS
ANIMAL SCIENCE

SPCL TOP DAIRY PROD AN S 590D 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEAT SCI AN S 590E 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHYS REPROD AN S 590F 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MUSCLE BIOL AN S 590G 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POULTR NUTR AN S 590H 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POULTR PROD AN S 590I 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******     SEE DEPT FOR REFERENCE NUMBERS

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

CRTV COMPO MEAT SCI AN S 599E 1- 8 CR.
PREREQ: NONTHESIS M.S. STATUS
2520021 DA ARRANGED
SECT DA:MAY 16-AUG 5

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

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

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

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

MEAT SCIENCE RESEARCH AN S 699E VAR. CR.
******     SEE DEPT FOR REFERENCE NUMBERS

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

MUSCLE BIOLGY RSRCH AN S 699G VAR. CR.
******     SEE DEPT FOR REFERENCE NUMBERS

ANTHROPOLOGY

ARCHAEOLOGY FIELD SCHL ANTHR 427I 4- 6 CR.
PREREQ: 308, PERMISSION OF INSTRUCTOR
FIELD TRIPS & TRAVEL FEE $500.00
1650005 A ARRANGED
SECT A:MAY 16-JUNE 10
SECTION A OFFERED FOR 4 CREDITS ONLY
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

INTERNSHIP AN THR 434 2- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JUNIOR OR SENIOR STANDING
NO CREDIT IN ANTHR 434 MAY BE USED TO SATISFY
ANTHR CORE COURSE REQUIREMENTS FOR GRADUATION FOR
THE MAJOR OR FOR THE ANTHR MINOR
7718005 A ARRANGED
SECT A:MAY 16-AUG 5

INDEP STDY ARCHAEOL ANTHR 490A 1- 5 CR.
PREREQ: 9 CREDITS IN ANTHROPOLOGY
NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******     SEE DEPT FOR REFERENCE NUMBERS

IND STD CULTR ANTHR ANTHR 490B 1- 5 CR.
PREREQ: 9 CREDITS IN ANTHROPOLOGY
NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******     SEE DEPT FOR REFERENCE NUMBERS

UG INDEP STDY IA LL ANTHR 490I 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND
PERMISSION OF INSTRUCTOR
NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
APPLIED TOWARD GRADUATION
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
7822005 ARRANGED
TO REGISTER, CONTACT IA LAKESIDE LAB,
131 BESSEY

ARCHAEOLOGY FIELD SCHL ANTHR 529 4- 6 CR.
PREREQ: 308, PERMISSION OF INSTRUCTOR
FIELD TRIPS & TRAVEL FEE $650.00
1650005 A ARRANGED
SECT A:MAY 16-JUNE 10
SECTION A OFFERED FOR 6 CREDITS ONLY
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1650010 B ARRANGED
SECT B:MAY 16-JUNE 10
SECTION B OFFERED FOR 4 CREDITS ONLY
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
ANTHROPOLOGY

SPECIAL TOPICS  ANTHR 590  1- 5 CR.
PREREQ: 10 CR IN ANTHR; SR OR GRAD CLASSIFICATION;
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY;
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

GRAD IND STDY IA LL  ANTHR 590I  1- 4 CR.
PREREQ: PERMISSION OF INSTRUCTOR & GRAD CLASSIF;
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
7823005  1 ARRANGED

ARCHITECTURE

ARCHITEC DESIGN III  ARCH 507X  5 CR.
PREREQ: 506X,596X,542X
8428005  1 MTWRF 1:00-5:00
SECT 1:JUNE 13-AUG 5

SCI&TEC FOR ARC III  ARCH 543X  5 CR.
PREREQ: 506X,596X,542X
8436005  1 MTWR 9:50-11:50
SECT 1:JUNE 13-AUG 5

ARCHITECTURAL DESIGN IV  ARCH 590F  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN V  ARCH 590G  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN VI  ARCH 590H  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN VII  ARCH 590I  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN VIII  ARCH 590J  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN IX  ARCH 590K  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN X  ARCH 590L  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN XI  ARCH 590M  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN XII  ARCH 590N  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN XIII  ARCH 590O  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN XIV  ARCH 590P  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN XV  ARCH 590Q  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN XVI  ARCH 590R  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN XVII  ARCH 590S  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN XVIII  ARCH 590T  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN XIX  ARCH 590U  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN XX  ARCH 590V  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN XXI  ARCH 590W  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN XXII  ARCH 590X  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURAL DESIGN XXIII  ARCH 590Y  1- 9 CR.
PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ART & DESIGN

DRAWING II  ART 230  3 CR.
PREREQ: 130
COURSE RESTRICTED TO ART, ARTDM, ARTFA, ARTGR, ARTID, AMDP, EL ED, BPM I, PBPMI MAJORS;
MATERIALS AND PROFESSIONAL SUPPORT FEE $5.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1779005  1 MTWRF 8:40-1:00
SECT 1:JUNE 13-JULY 8
ART & DESIGN

STUDIO INTERNSHIP  ART 497  1- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ADVANCED CLASSIFICATION IN A DEPT CURR,
WRITTEN APPROVAL OF SUPERVISING INSTR AND DEPT
CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
ENROLLMENT
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9444005 RB ARRANGED
SECT RB:MAY 16-AUG 5

INTRNSHP MUSEUM/GAL  ART 498  1- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ADVANCED CLASSIFICATION IN A DEPT CURR,
WRITTEN APPROVAL OF SUPERVISING INSTR ON
REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
7821005 JC ARRANGED
SECT JC:MAY 16-AUG 5

MUSEUM/GALLRY INTRN  ART 598  1- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRAD CLASSIFICATION & INSTRUCTOR PERMISN
WRITTEN APPROVAL IN ADVANCE OF SEMESTER OF
ENROLLMENT FOR GRADUATE ART MAJORS
9445005 JC ARRANGED
SECT JC:MAY 16-AUG 5

STUDIO INTERNSHIP  ART 697  1- 9 CR.
PREREQ: GRADUATE CLASSIF & APPROVAL OF DEPT CHAIR
FOR GRADUATE ART MAJORS ONLY
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8371005 RB ARRANGED
SECT RB:MAY 16-AUG 5

THESIS RESEARCH  ART 699A VAR. CR.
1949005 ARRANGED, MAY 16-AUG 5

ART EDUCATION

INTRO TO ART EDUC  ARTED 211  3 CR.
MATERIALS FEE $50.00
1773005 MTWRF 8:40-1:00
MAY 16-JUNE 10

SPECIAL TOPICS  ARTED 590 VAR. CR.
PREREQ: BACHELOR'S DEGREE IN ART/DESIGN,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZD
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  ARTED 599 VAR. CR.
PREREQ: CONCURRENT ENRLMT OR CR IN 517 AND/OR 518
COURSE RESTRICTED TO ART GRADUATE STUDENTS
9450005 ARRANGED, MAY 16-AUG 5

ART HISTORY

INDEPENDENT STUDY  ART H 490  1- 6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS  ART H 590 VAR. CR.
PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZD
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT
******* SEE DEPT FOR REFERENCE NUMBERS

ART:GRAPHIC DESIGN

GRPHC DSN METHODLGY  ARTGR 476  2 CR.
PREREQ: 271, 276, ENROLLMENT IN 370 OR 371 OR 470
OR 471
1889005 1 MTWRF 8:40-10:40
SECT 1:MAY 16-JUNE 24

GRPH DSGN INTERNSHP  ARTGR 480  3 CR.
PREREQ: 277, 12 CR IN GRAPHIC DESIGN; INSTRUCTOR
PERMISSION, REGISTRATION IN ADVANCE OF ENROLLMENT
7746005 A ARRANGED
SECT A:MAY 16-AUG 5

IND ST THEORY, CRIT  ARTGR 490A  1- 6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
ENROLLMENT
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD COOP,INTERN  ARTGR 490I  1- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
ENROLLMENT
PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS THEORY  ARTGR 590A VAR. CR.
PREREQ: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR
EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZD
AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
ENROLLMENT
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 2-DIMEN DSN  ARTGR 590B VAR. CR.
PREREQ: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR
EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZD
AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
ENROLLMT.
******* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS  ARTGR 690 VAR. CR.
PREREQ: MFA CLASSIFICATION, INSTRUCTOR PERMISSION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS  ARTGR 699A VAR. CR.
MATERIALS FEE $25.00
8382005 ARRANGED, MAY 16-AUG 5
ART: INTEGRATED STUDIO ARTS

COLOR ARTIS 208 3 CR.
PREREQ: ART 108/DSN S 102X OR ART 130/DSN S 131X
OR EQUIVALENT DESIGN/DRAWING COURSEWORK
COURSE RESTRICTED TO ART, ARTDN, ARTED, ARTFA,
ARTGR, ARTID, BPM I, PBPMI MAJORS
MATERIALS AND PROFESSIONAL SUPPORT FEE $20.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1766005 MTRWF 12:10-4:00
MAY 16-JUNE 10

JEWELRY/METALSMITH I ARTIS 224 3 CR.
PREREQ: ART 109/DSN S 102X, ART 130/DSN S 131X,
OR EQUIVALENT, INSTRUCTOR PERMISSION
MATERIALS AND PROFESSIONAL SUPPORT FEE $60.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7236005 A MTRWF 8:40-1:00
SECT A: MAY 16-JUNE 10

INTRO DIGITAL PHOTO ARTIS 227X 3 CR.
COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS
MATERIALS FEE $25.00
1983005 A MTRWF 12:10-4:00
SECT A: MAY 16-JUNE 10

PAINTING I ARTIS 238 3 CR.
PREREQ: ART 230
COURSE RESTRICTED TO ART, ARTDN, ARTED, ARTFA,
ARTGR, ARTID, BPM I, PBPMI MAJORS
PROFESSIONAL SUPPORT FEE $12.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7828005 1 MTRWF 1:00-4:00
SECT 1: MAY 16-JUNE 10

MIXED MEDIA ARTIS 305 3 CR.
PREREQ: 12 CREDITS IN DESIGN AND/OR DRAWING
INCLUDING ART 109, 130
MATERIALS FEE $5.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1771005 MTRWF 8:40-1:00
JUNE 13-JULY 8

SOURCES VISUAL DSGN ARTIS 310 3 CR.
PREREQ: ART 109, 230
MATERIALS AND FIELD TRIPS & TRAVEL FEE $15.00
6432005 MTRWF 8:40-10:50
MAY 16-JUNE 24

JEWELRY/METALSMITH III ARTIS 424 3 CR.
PREREQ: 324
MATERIALS AND PROFESSIONAL SUPPORT FEE $60.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7250005 MTRWF 8:40-11:30
MAY 16-JUNE 24

ART: INTEGRATED STUDIO ARTS

INDEP STYD CERAMICS ARTIS 490B 1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
MATERIALS AND FIELD TRIPS & TRAVEL FEE $70.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND ST COMPUTER A&D ARTIS 490C 1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DRAWING ARTIS 490D 1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
MATERIALS AND FIELD TRIPS & TRAVEL FEE $50.00
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY FIBERS ARTIS 490E 1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
MATERIALS AND EQUIPMENT USE FEE $25.00
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY PAINTING ARTIS 490I 1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
MATERIALS AND PROFESSIONAL SUPPORT FEE $50.00
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD PHOTOGRAPHY ARTIS 490J 1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
MATERIALS AND PROFESSIONAL SUPPORT FEE $50.00
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY WOOD ARTIS 490L 1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
MATERIALS AND PROFESSIONAL SUPPORT FEE $35.00
******* SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP: DRAWING ARTIS 493D 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2005
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00
5724005 MTRWF 1:00-5:00
MAY 16-JUNE 10
TOPIC: PASTELS

SPL TOP COMPUTER A&D ARTIS 590C VAR. CR.
PREREQ: BACHELOR’S DEGREE IN ART AND/OR DSGN,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
******* SEE DEPT FOR REFERENCE NUMBERS
ART: INTEGRATED STUDIO ARTS

SPCL TOPICS DRAWING ARTIS 590D VAR. CR.
PREREQ: BACHELOR’S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT. INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SPL TOPICS PAINTING ARTIS 590I VAR. CR.
PREREQ: BACHELOR’S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT. INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CR.
PREREQ: BACHELOR’S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT. MATERIALS AND PROFESSIONAL SUPPORT FEE $50.00

SPL TOP MIXED MEDIA ARTIS 590M VAR. CR.
PREREQ: BACHELOR’S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT. MATERIALS AND PROFESSIONAL SUPPORT FEE $35.00 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

WORKSHOP: DRAWING ARTIS 593D 1-3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2005 MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00

ART: INTERIOR DESIGN

INT DSGN INTERNSHIP ARTID 460 3 CR.
PREREQ: SATISFACTORY COMPLETION OF ALL 300-LEVEL INTERIOR DESIGN COURSEWORK, T C 204, ARCH 240

INDEPENDENT STUDY ARTID 490 1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

SPECIAL TOPICS ARTID 590 VAR. CR.
PREREQ: BACHELOR’S DEGREE IN INTERIOR DSGN OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.

ADVANCED TOPICS ARTID 690 VAR. CR.
PREREQ: MFA CLASSIFICATION, PERMISSION OF INSTR

RESEARCH: THESIS ARTID 699A VAR. CR.
MATERIALS FEE $5.00

RESEARCH: THESIS-EXH ARTID 699B VAR. CR.
MATERIALS FEE $5.00

ASTRONOMY & ASTROPHYSICS

SKY & SOLAR SYSTEM ASTRO 120 3 CR.
CREDIT FOR ONLY TWO OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: ASTRO 102X, ASTRO 103X, ASTRO 120

INDEPENDENT STUDY ASTRO 290 1-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR

UNDERGRAD RESEARCH ASTRO 450 1-6 CR.
PREREQ: PERMISSION OF INSTRUCTOR

UNDERGRAD RESEARCH ASTRO 450L 1-6 CR.
PREREQ: 444L AND PERMISSION OF INSTRUCTOR

INDEPENDENT STUDY ASTRO 490 1-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE APPLIED TOWARD GRADUATION

SPECIAL TOPICS ASTRO 590 VAR. CR.

CREATIVE COMPONENT ASTRO 599 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR

RESEARCH ASTRO 699 VAR. CR.

******** SEE DEPT FOR REFERENCE NUMBERS
BIOCHEM, BIOPHYSICS & MOLECULAR BIO

SURVEY OF BIOCHEM BBMB 301 3 CR.
PREREQ: CHEM 231 OR 331
BIOCHEMISTRY AND BIOPHYSICS MAJORS MAY NOT APPLY CREDIT FOR BBMB 301 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE
1999005 MTWF 8:40-9:40
JUNE 13-AUG 5

INDEPENDENT STUDY BBMB 490 VAR. CR.
PREREQ: INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE: JUNIOR OR SENIOR CLASSIFICATION
A MAXIMUM OF 9 CREDITS OF BBMB 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS BBMB 490H VAR. CR.
PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM
INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE: JUNIOR OR SENIOR CLASSIFICATION
A MAXIMUM OF 9 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH BBMB 499 1- 5 CR.
PREREQ: PERMISSION OF STAFF MEMBER WHOM STUDENT PROPOSES TO WORK
******* SEE DEPT FOR REFERENCE NUMBERS

INTRO DNA TECHNIQS BBMB 542A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7099005 MTWF 1:00-2:00
JUNE 13-28

INTR PROTEIN TECHNQ BBMB 542B 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7100005 MTWF 1:00-2:00
JUNE 7-22

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

SYMPOSIUM:MERISTEMS BBMB 593A 1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
8154005 1 ARRANGED
SECT 1:JUNE 2-5
WORKSHOP FEE APPLIES

RESEARCH BBMB 699 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

BIOINFORMATICS AND COMPUTATIONAL BIOL

INTRO DNA TECHNIQS BCB 542A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
1828005 MTWF 1:00-2:00

BIOINFORMATICS AND COMPUTATIONAL BIOL

INTR PROTEIN TECHNQ BCB 542B 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
1865005 MTWF 1:00-2:00
JUNE 7-22

SPECIAL TOPICS BCB 590 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
1337005 ARRANGED, MAY 16-AUG 5

GRAD RESEARCH ROTAT BCB 697 VAR. CR.
7827005 ARRANGED, MAY 16-AUG 5

RESEARCH BCB 699 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

BIOLOGICAL/PRE-MEDICAL ILLUSTRATION

ILLUST NATUR:SKETCH BPM I 435I 2 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY
8052005 MTWF 8:00-5:00
MAY 22-JUNE 10

ILLUSTR NATUR:PHOTO BPM I 436I 2 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY
8054005 MTWF 8:00-5:00
JUNE 5-17

INDEPENDENT STUDY BPM I 490 1- 3 CR.
PREREQ: WRITTEN APPROVAL OF INSTR & ADVISORY COMM CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLMT
NO MORE THAN 3 CREDITS IN BPM I 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY

INTRODUCTORY BIOL BIOL 109 3 CR.
CREDIT FOR EITHER BIOL 109 OR BIOL 201, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
2064005 A ARRANGED
SECT A:MAY 16-JULY 29
COURSE DELIVERY IS WWW

ENVIRONMNTL BIOLOGY BIOL 123 3 CR.
BIOL/ENV S 123 DOES NOT COUNT TOWARD CREDITS REQUIRED IN A BIOLOGY MAJOR
2015005 A ARRANGED
SECT A:MAY 16-JULY 29
COURSE DELIVERY IS WWW
SECTION INFO:
http://project.bio.iastate.edu/

PRINCIP OF GENETICS BIOL 301 3 CR.
PREREQ: 201L, 202L, CREDIT OR ENROLLMENT IN ORGANIC CHEMISTRY
CREDIT FOR GRADUATION WILL NOT BE ALLOWED FOR MORE THAN ONE OF THE FOLLOWING: GEN 260, GEN/BIOL 301 AND 301L, GEN/AGRON 320
9472005 1 MTWF 8:40-9:40
SECT 1:MAY 16-JULY 8
BIOLOGY

ECOLOGY BIOL 312 3 CR.
PREREQ: 201L AND 202L
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $50.00
2069005 A MTWR 11:00-12:00
MW 1:20-4:20
SECT A: MAY 16-JULY 8
2069010 B MTWR 11:00-12:00
TR 1:20-4:20
SECT B: MAY 16-JULY 8

ECOLOGY BIOL 312I 4 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3715005 MTWRF 8:00-5:00
MAY 22-JUNE 17

INTERNATIONAL FIELD TRIP BIO 394B 1-3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: TWO COURSES IN THE BIOLOGICAL SCIENCES AND BY APPROVAL OF APPLICATION PERMISION OF INSTRUCTOR REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3223100 AU ARRANGED DOLPHIN W
SECT AU: MAY 9-JUNE 6
SEC AU TAUGHT IN AUSTRALIA. 'BIOMES OF AUSTRAILIA, 2005 BIO 394 A AND B'
STUDY ABROAD EXPERIENCE. OFFERED FOR 3 CREDITS.
3223120 TZ ARRANGED RICE M
SECT TZ: MAY 30-JUNE 16
SEC TZ TAUGHT IN TANZANIA.
'INTERNATIONAL FIELD TRIP IN BIOLOGY: NATURAL HISTORY OF THE SERENGETI' STUDY ABROAD EXPERIENCE.
OFFERED FOR 2 CREDITS.

COORDERATIVE EDUC BIO 398 R CR.
PREREQ: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
4546005 ARRANGED, MAY 16-AUG 5

UG INDEPENDENT STUDY IA LL BIO 490I 1-4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND PERMISSION OF INSTRUCTOR NO MORE THAN 9 CREDITS IN BIO 490 MAY BE COUNTED TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE APPLIED TO THE MAJOR PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY
5587005 ARRANGED

INDIVIDUAL BIOL RESEARCH BIO 490R 1-6 CR.
PREREQ: 8 CR IN BIOL & PERMISSION OF INSTRUCTOR NO MORE THAN 9 CREDITS IN BIO 490 MAY BE APPLIED TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE APPLIED TO THE MAJOR
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY LAB TECHNICAL BIO 490U 1-2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 8 CR IN BIOL & PERMISSION OF INSTRUCTOR NO MORE THAN 9 CREDITS IN BIO 490 MAY BE APPLIED TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE APPLIED TO THE MAJOR
***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY INTERNSHIP BIO 494 1-3 CR.
PREREQ: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSION INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL ENGINEERING

SPL TOPIC BIOMECHANICS BM E 590G 1-5 CR.
3495005 ARRANGED, MAY 16-AUG 5

ADVANCED TOPIC BIOMECHANICS BM E 690G 1-5 CR.
3504005 ARRANGED, MAY 16-AUG 5

RESEARCH
***** SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL SCIENCES

INDEPENDENT STUDY BM S 490 1-5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS BM S 490H 1-5 CR.
PREREQ: INSTRUCTOR PERMISSION, HONORS PROGRAM MEMBERSHIP
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH METHODS PHARMACOL BM S 501 3 CR.
PREREQ: GRADUATE CLASSIFICATION
6978005 ARRANGED, MAY 16-AUG 5

INTRODUCTION TO DNA TECHNOLOGY BM S 542A 1 CR.
Satisfactory-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION 7133005 MTRF 1:00-2:00
MTRF 2:00-4:00 JUNE 13-28

INTRODUCTION TO PROTEIN TECHNOLOGY BM S 542B 1 CR.
Satisfactory-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION 7134005 MTRF 1:00-2:00
MTRF 2:00-4:00 JULY 7-22

SPECIAL TOPICS IN ANATOMY BM S 590A 1-7 CR.
PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS IN PHYSIOLOGY BM S 590B 1-7 CR.
PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS IN PHARMACOL BM S 590C 1-7 CR.
PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT BM S 599 1-3 CR.
***** SEE DEPT FOR REFERENCE NUMBERS
BIOMEDICAL SCIENCES

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

ADV TOPC PHYSIOLOGY  B M S 690B  1- 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

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

SEMINAR  B M S 698B  1 CR.
SATISFACTORY-FAIL ONLY.
6995005     ARRANGED
MAY 16-JULY 8

RESEARCH ANATOMY  B M S 699A VAR.  CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PHYSIOLOGY  B M S 699B VAR.  CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

RESRCH PHARMACOLOGY  B M S 699C VAR.  CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

BIORENEWABLE RESOURCES & TECHNOLOGY

THRMCHEM PR BIOMASS  BRT 535L  1 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8447005     ARRANGED
BROWN R
JUNE 13-AUG 5

BOTANY

FIELD BOTANY  BOT 202  2 CR.
FIELD TRIPS & TRAVEL FEE $5.00
2077005  1 MWF 8:40-12:05
SECT 1: MAY 16-JUNE 10
2077010  2 MWF 1:20-4:45
SECT 2: MAY 16-JUNE 10

ECOLOGY  BOT 312  3 CR.
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $50.00
1870005  A MTWR 11:00-12:00
MW 1:20-4:20
SECT A: MAY 16-JULY 8
1870010  B MTWR 11:00-12:00
TR 1:20-4:20
SECT B: MAY 16-JULY 8

ECOLOGY  BOT 312I  4 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3716005     MTWR 8:00-5:00
MAY 22-JUNE 17

PLANT TAXONOMY  BOT 367I  4 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3749005     MTWR 8:00-5:00
JUNE 19-JULY 15

BOTANY

PRAIRIE ECOLOGY  BOT 422I  4 CR.
PREREQ: FAMILIARITY WITH BASIC PRINCIPLES IN BIOLOGICAL SCIENCES AND ECOLOGY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3831005     MTWR 8:00-5:00
JUNE 19-JULY 15

INTRODUCTION TO GIS  BOT 461I  4 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1840005     MTWR 8:00-5:00
MAY 22-JUNE 17

PLANT ECOLOGY  BOT 484I  4 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3849005     MTWR 8:00-5:00
JULY 17-AUG 11

ECOLOGY  BOT 490A  1- 3 CR.
PREREQ: 7 CR IN BOTANY, PERMISSN OF INSTRUCTOR
NO MORE THAN 9 CREDITS OF BOT 490 MAY BE APPLIED
TOWARD A DEGREE IN BOTANY
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

IND STDY MYCOLOGY  BOT 490D  1- 3 CR.
PREREQ: 7 CR IN BOTANY, PERMISSN OF INSTRUCTOR
NO MORE THAN 9 CREDITS OF BOT 490 MAY BE APPLIED
TOWARD A DEGREE IN BOTANY
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

IND STDY SYST & EVOL  BOT 490E  1- 3 CR.
PREREQ: 7 CR IN BOTANY, PERMISSN OF INSTRUCTOR
NO MORE THAN 9 CREDITS OF BOT 490 MAY BE APPLIED
TOWARD A DEGREE IN BOTANY
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

IND STDY PLANT ECOL  BOT 490F  1- 3 CR.
PREREQ: 7 CR IN BOTANY, PERMISSN OF INSTRUCTOR
NO MORE THAN 9 CREDITS OF BOT 490 MAY BE APPLIED
TOWARD A DEGREE IN BOTANY
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS
**BOTANY**

**INDEP STUDY HONORS**  BOT 490H  1- 3 CR.
- **PREREQ:** 7 CR IN BOTANY, PERMISSION OF INSTRUCTOR
- **INSTRUCTOR PERMISSION REQUIRED; PROCESS**
- **APPROVED ADD SLIP IN 10 ALUMNI HALL**
- **SEE DEPT FOR REFERENCE NUMBERS**

**UG INDEP STUDY IA LL**  BOT 490I  1- 4 CR.
- **PREREQ:** JUNIOR OR SENIOR CLASSIFICATION AND PERMISSION OF INSTRUCTOR
- **INSTRUCTOR PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 4018005**
- **ARRANGED**

**IND STUDY CYTOLOGY**  BOT 490J  1- 3 CR.
- **PREREQ:** 7 CR IN BOTANY, PERMISSION OF INSTRUCTOR
- **INSTRUCTOR PERMISSION REQUIRED; PROCESS**
- **APPROVED ADD SLIP IN 10 ALUMNI HALL**
- **SEE DEPT FOR REFERENCE NUMBERS**

**IND STUDY AQUA ECOL**  BOT 490K  1- 3 CR.
- **PREREQ:** 7 CR IN BOTANY, PERMISSION OF INSTRUCTOR
- **INSTRUCTOR PERMISSION REQUIRED; PROCESS**
- **APPROVED ADD SLIP IN 10 ALUMNI HALL**
- **SEE DEPT FOR REFERENCE NUMBERS**

**FRESHWATER ALGAE**  BOT 501I  4 CR.
- **PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 3855005**
- **MTWRF 8:00-5:00 MAY 22-JUNE 17**

**CONSERVATION BIOLOGY**  BOT 531I  4 CR.
- **PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 4846005**
- **MTWRF 8:00-5:00 JULY 17-AUG 11**

**INTRO DNA TECHNIQS**  BOT 542A  1 CR.
- **SATISFACTORY-FAIL ONLY.**
- **PREREQ:** GRADUATE CLASSIFICATION 7105005 MTWF 1:00-2:00 MTWF 2:00-4:00 JUNE 13-28
- **INTRO PROTEIN TECHNQ**  BOT 542B  1 CR.
- **SATISFACTORY-FAIL ONLY.**
- **PREREQ:** GRADUATE CLASSIFICATION 7109005 MTWF 1:00-2:00 MTWF 2:00-4:00 JULY 7-22

**FRESHWATER ALGAE**  BOT 501I  4 CR.
- **PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 3855005**
- **MTWRF 8:00-5:00 MAY 22-JUNE 17**

**CONSERVATION BIOLOGY**  BOT 531I  4 CR.
- **PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 4846005**
- **MTWRF 8:00-5:00 JULY 17-AUG 11**

**INTRO DNA TECHNIQS**  BOT 542A  1 CR.
- **SATISFACTORY-FAIL ONLY.**
- **PREREQ:** GRADUATE CLASSIFICATION 7105005 MTWF 1:00-2:00 MTWF 2:00-4:00 JUNE 13-28
- **INTRO PROTEIN TECHNQ**  BOT 542B  1 CR.
- **SATISFACTORY-FAIL ONLY.**
- **PREREQ:** GRADUATE CLASSIFICATION 7109005 MTWF 1:00-2:00 MTWF 2:00-4:00 JULY 7-22

**ECOL & SYST DIATOMS**  BOT 580I  4 CR.
- **PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 3889005**
- **MTWRF 8:00-5:00 JUNE 19-JULY 15**

**SPL TOP PHYSIOLOGY**  BOT 590A  1- 3 CR.
- **PREREQ:** 10 CR IN BOT, INSTRUCTOR PERMISSION INSTRUCTOR PERMISSION REQUIRED; PROCESS**
- **APPROVED ADD SLIP IN 10 ALUMNI HALL**
- **SEE DEPT FOR REFERENCE NUMBERS**

**SPL TOP MORPHOLOGY**  BOT 590B  1- 3 CR.
- **PREREQ:** 10 CR IN BOT, INSTRUCTOR PERMISSION INSTRUCTOR PERMISSION REQUIRED; PROCESS**
- **APPROVED ADD SLIP IN 10 ALUMNI HALL**
- **SEE DEPT FOR REFERENCE NUMBERS**

**SPL TOPICS MYCOLOGY**  BOT 590D  1- 3 CR.
- **PREREQ:** 10 CR IN BOT, INSTRUCTOR PERMISSION INSTRUCTOR PERMISSION REQUIRED; PROCESS**
- **APPROVED ADD SLIP IN 10 ALUMNI HALL**
- **SEE DEPT FOR REFERENCE NUMBERS**

**SPL TOP SYSTMT&EVOL**  BOT 590E  1- 3 CR.
- **PREREQ:** 10 CR IN BOT, INSTRUCTOR PERMISSION INSTRUCTOR PERMISSION REQUIRED; PROCESS**
- **APPROVED ADD SLIP IN 10 ALUMNI HALL**
- **SEE DEPT FOR REFERENCE NUMBERS**

**SPL TOP PLT ECOLOGY**  BOT 590F  1- 3 CR.
- **PREREQ:** 10 CR IN BOT, INSTRUCTOR PERMISSION INSTRUCTOR PERMISSION REQUIRED; PROCESS**
- **APPROVED ADD SLIP IN 10 ALUMNI HALL**
- **SEE DEPT FOR REFERENCE NUMBERS**

**GRAD IND STDY IA LL**  BOT 590I  1- 4 CR.
- **PREREQ:** PERMISSION OF INSTRUCTOR & GRAD CLASSIFICATION**
- **PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 3981005**
- **1 ARRANGED**

**SPL TOPICS CYTOLOGY**  BOT 590J  1- 3 CR.
- **PREREQ:** 10 CR IN BOT, INSTRUCTOR PERMISSION INSTRUCTOR PERMISSION REQUIRED; PROCESS**
- **APPROVED ADD SLIP IN 10 ALUMNI HALL**
- **SEE DEPT FOR REFERENCE NUMBERS**

**SPL TOP AQUATC ECOL**  BOT 590K  1- 3 CR.
- **PREREQ:** 10 CR IN BOT, INSTRUCTOR PERMISSION INSTRUCTOR PERMISSION REQUIRED; PROCESS**
- **APPROVED ADD SLIP IN 10 ALUMNI HALL**
- **SEE DEPT FOR REFERENCE NUMBERS**

**CREATIVE COMPONENT**  BOT 599  VAR.  CR.
- **2145005 ARRANGED, MAY 16-AUG 5**

**RES PHYSIOL&MOL BIO**  BOT 699A  VAR.  CR.
- **SEE DEPT FOR REFERENCE NUMBERS**
BOTANY

RESEARCH MORPHOLOGY  BOT  699B VAR. CR.  
********  SEE DEPT FOR REFERENCE NUMBERS

RES SYSTEMATCS&EVOL  BOT  699E VAR. CR.  
********  SEE DEPT FOR REFERENCE NUMBERS

RESCH PLNT ECOLOGY  BOT  699F VAR. CR.  
********  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - IA LL  BOT  699I  1- 4 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
PERMISSION REQUIRED - TO REGISTER, CONTACT  
IOWA LAKESIDE LAB OFFICE, 131 BESSERY  
3967005  ARRANGED

RESEARCH CYTOLOGY  BOT  699J VAR. CR.  
********  SEE DEPT FOR REFERENCE NUMBERS

RES AQUAT&WETLD ECO  BOT  699K VAR. CR.  
********  SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ADMINISTRATION

EXP DOMESTC INTERN  BUSAD 291A  1- 3 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: WRITTEN APPROVAL OF SUPERVISING  
INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
PRIORITY TO THE LEARNING EXPERIENCE  
DEPARTMENT PERMISSION REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
6723010  RC ARRANGED  
SECT RC:MAY 16-AUG 5  
6723015  RP ARRANGED  
SECT RP:MAY 16-AUG 5  
6723020  TC ARRANGED  
SECT TC:MAY 16-AUG 5

COOPERATIVE EDUC  BUSAD 398  R CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: PERMISSION OF DEPARTMENT  
6147005  ARRANGED, MAY 16-AUG 5  
PERMISSION OF COORDINATOR REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL

INDEP STUDY HONORS  BUSAD 490H  1- 3 CR.  
PREREQ: ADMISSION TO THE BUSINESS HONORS PROGRAM  
INSTRUCTOR PERMISSION REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
********  SEE DEPT FOR REFERENCE NUMBERS

EXP DOMESTC INTERNS  BUSAD 491A  1- 3 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: PROFESSIONAL PROGRAM, 12 CREDITS FROM  
COLLEGE OF BUSINESS. WRITTEN APPROVAL OF  
SUPERVISING  
INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
PRIORITY TO THE LEARNING EXPERIENCE  
DEPARTMENT PERMISSION REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
6722010  RC ARRANGED  
SECT RC:MAY 16-AUG 5  
6722015  RP ARRANGED  
SECT RP:MAY 16-AUG 5  
6722020  TC ARRANGED  
SECT TC:MAY 16-AUG 5

CREATIV COMP ACCNTG  BUSAD 599A  3 CR.  
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
********  SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP FINANC  BUSAD 599C  3 CR.  
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
********  SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP MANAGMT  BUSAD 599E  3 CR.  
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
********  SEE DEPT FOR REFERENCE NUMBERS
BUSINESS ADMINISTRATION

CREATV COMP MARKTNG   BUSAD 599F   3 CR.
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP TRANSP&T&LG   BUSAD 599H   3 CR.
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP MGT INF SY   BUSAD 599K   3 CR.
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER MGT   BUSAD 599L   3 CR.
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

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

CHEMICAL ENGINEERING

COOPERATIVE EDUC   CH E 298   R CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
2431005 ARRANGED, MAY 16-AUG 5

CHEMICAL ENGR LAB I   CH E 325   2 CR.
PREREQ: 357, CREDIT OR ENROLLMENT IN 381
MATERIALS FEE $65.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5699005 MTWR 9:00-12:00
MTWR 1:00-4:00
MAY 16-JUNE 10

F STDY ORIEN IN EUR   CH E 391B   2 CR.
SATISFACTORY-FAIL ONLY.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7162100 EN ARRANGED
SECT EN:JUNE 20-JULY 23

FOREIGN STUDY PROG   CH E 392   4 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 391
CREDIT IN 391 FOR GRADUATION ALLOWABLE ONLY UPON
COMPLETION OF 392
MEETS INTERNATIONAL PERSPECTIVES REQMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2441100 EN ARRANGED
SECT EN:JUNE 20-JULY 23
SECTION EN TAUGHT IN LONDON,
ENGLAND. 'CHEMICAL
ENGINEERING SUMMER PROGRAM IN
LONDON' STUDY ABROAD
EXPERIENCE. OFFERED FOR 4 CREDITS.

SUMMER INTERNSHIP   CH E 396   R CR.
PREREQ: PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
2059005 ARRANGED, MAY 16-AUG 5

COOPERATIVE EDUC   CH E 398   R CR.
PREREQ: 298, PERMISSION OF DEPARTMENT CHAIR
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
2443005 ARRANGED, MAY 16-AUG 5

CHEMICAL ENGR LAB II   CH E 426   2 CR.
PREREQ: 325, 358, 382
MATERIALS FEE $70.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2448005 MTWR 9:00-12:00
MTWR 1:00-4:00
MAY 16-JUNE 10

INDEPENDENT STUDY   CH E 490   1- 6 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS   CH E 490H   1- 6 CR.
PREREQ: MEMBERSHIP IN THE HONORS PROGRAM
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN   CH E 498   R CR.
PREREQ: 398, PERMISSION OF DEPARTMENT CHAIR
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
2457005 ARRANGED, MAY 16-AUG 5

UNDERGRAD RESEARCH   CH E 499   3 CR.
PREREQ: PERMISSION OF DEPARTMENT
NO MORE THAN 6 CREDITS OF CH E 499 MAY BE APPLIED
TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS   CH E 590   2- 6 CR.
2470005 A ARRANGED
SECT A:MAY 16-AUG 5

CREATIVE COMPONENT   CH E 599  VAR.  CR.
2478005 ARRANGED, MAY 16-AUG 5

ADVANCED TOPICS   CH E 690  VAR.  CR.
2485005 A ARRANGED
SECT A:MAY 16-AUG 5

ENGINEER INTERNSHIP   CH E 697   R CR.
PREREQ: PERMISSION OF MAJOR PROF, GRAD CLASSIF
2116005 ARRANGED, MAY 16-AUG 5

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

GENERAL CHEMISTRY CHEM 177 4 CR.
PREREQ: MATH 140 OR H.S. EQUIVALENT AND CHEM 50X OR 155 OR 1 YR H.S. CHEM AND CR OR ENROLLMENT IN CHEM 177L.
ONLY ONE OF 163,165,167 AND 177 (AND ACCOMPANYING LABS) MAY BE COUNTED TOWARD GRADUATION. ONLY ONE OF 155,163,167 AND 177 (AND ACCOMPANYING LABS) MAY BE COUNTED TOWARD GRADUATION.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
2495005 A1 MTWRF 9:50-10:50 TR 11:00-12:00
SECT A1: MAY 16-JULY 8
2495010 A2 MTWRF 9:50-10:50 TR 11:00-12:00
SECT A2: MAY 16-JULY 8

GENERAL CHEM LAB CHEM 177L 1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 177.
CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS STUDENT ALREADY HAS CREDIT IN 177.
CREDIT FOR ONLY ONE OF CHEM 163L, 167L, AND 177L MAY BE APPLIED TOWARD GRADUATION.
MATERIALS FEE $27.00
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
2496005 A MW 11:00-2:00
SECT A: MAY 16-JULY 8

ELEM ORGANIC CHEM CHEM 231 3 CR.
PREREQ: 163,163L; CREDIT OR ENROLLMENT IN 231L.
CREDIT FOR EITHER CHEM 231 OR BBMB 221, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
2504005 MTWRF 8:40-9:40 MAY 16-JULY 8

ELEM ORGNC CHEM LAB CHEM 231L 1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 231.
MATERIALS FEE $32.00
7900005 1 TR 9:50-10:50 TR 10:50-12:50
SECT 1: MAY 16-JULY 8
7900010 2 TR 1:20-2:20 TR 2:20-4:20
SECT 2: MAY 16-JULY 8

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

UNDERGRAD RESEARCH CHEM 399 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK AND JR OR SR CLASSIFICATION
NO MORE THAN SIX TOTAL CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY CHEM 490 VAR. CR.
PREREQ: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION
NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARD GRADUATION
2527005 ARRANGED, MAY 16-AUG 5

CHEMISTRY

COOPERATIVE EDUCATN CHEM 498 R CR.
PREREQ: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4841005 ARRANGED, MAY 16-AUG 5

SENIOR RESEARCH CHEM 499 2- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK; B AVG IN ALL CHEMISTRY, PHYSICS, AND MATHEMATICS COURSES
NO MORE THAN SIX TOTAL CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH CHEM 699 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR CONCERNED
******* SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING

COOPERATIVE EDUC C E 298 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPT CHAIR, PERMISSION OF ADVISER & CAREER SERVICES REQUIRED; COLLEGE WILL REGISTER STUDENT
2283005 ARRANGED, MAY 16-AUG 5

REIN CONCRETE DSN I C E 334 3 CR.
PREREQ: 332, E M 327
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2287005 1 MWF 7:30-8:30 TR 7:30-9:40
SECT 1: MAY 16-JULY 8

SUMMER INTERNSHIP C E 396 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPT CHAIR, COMPLETION OF TWO TERMS IN RESIDENCE IN C E, EMPLOYMENT IN C E OR RELATED FIELD
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED; COLLEGE WILL REGISTER STUDENT
3639005 ARRANGED, MAY 16-AUG 5

COOPERATIVE EDUC C E 398 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 298, PERMISSION OF DEPT CHAIR;
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED; COLLEGE WILL REGISTER STUDENT
2295005 ARRANGED, MAY 16-AUG 5

INDEPENDENT STUDY C E 490 1- 6 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C E 490H 1- 6 CR.
PREREQ: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM
******* SEE DEPT FOR REFERENCE NUMBERS
SUMMER 2005     Last Updated 01-04-2005

CIVIL ENGINEERING

COOPERATIVE EDUC      C E   498      R CR.  Satisfactory-Fail Only.
PREREQ: 398, Permission of Dept Chair
Permission of Adviser & Career Services Required;
College Will Register Student
2309005     Arranged, May 16-Aug 5

SPECIAL TOPICS      C E   590      1-5 CR.  *******  See Dept for Reference Numbers
CREATIVE COMPONENT      C E   599      1-3 CR.  *******  See Dept for Reference Numbers
ADVANCED TOPICS      C E   690      1-3 CR.  PREREQ: Pre-enrollment Contract Required
*******  See Dept for Reference Numbers
RESEARCH      C E   699      Var. CR.  *******  See Dept for Reference Numbers

CLASSICAL STUDIES

GREEK & ROMAN MYTHOL    CL ST 273      3 CR.  Meets International Perspectives Reqmt.
2586005     1 MTWRF 8:40-10:40
SECT 1: Partial Term

INDEPENDENT STUDY    CL ST 490      1-6 CR.  PREREQ: 7 CR in CL ST at 200 level or higher;
Permission of the Program Chair
*******  See Dept for Reference Numbers

COMMUNICATION STUDIES

INDEPENDENT STUDY      COMST 490      1-3 CR.  PREREQ: 9 credits in COMST, Junior Classification
No more than 6 credits of COMST 490 may be used
 toward degree requirements
Instructor permission required; process
Approved add slip in 10 Alumni Hall
*******  See Dept for Reference Numbers

PROFESSIONAL INTERNSHIP  COMST 499      1-3 CR.  PREREQ: 9 credits in COMST, Junior Classification
No more than 6 credits of COMST 499 may be used
 toward graduation
Instructor permission required; process
Approved add slip in 10 Alumni Hall
*******  See Dept for Reference Numbers

SPECIAL TOPICS      COMST 590      1-4 CR.  Instructor permission required; process
Approved add slip in 10 Alumni Hall
*******  See Dept for Reference Numbers

COMMUNITY & REGIONAL PLANNING

PRACTICUM      C R P 330      1-3 CR.  Satisfactory-Fail Only.
PREREQ: Major in Community and Regional Planning
2386005     Arranged, May 16-Aug 5

INTRO GEOG INFO SYS   C R P 451      3 CR.  9410005   A TR 8:40-10:50
W 8:40-10:50
SECT A: May 16-July 8

GEOG DATA MGT & ANALY  C R P 452      3 CR.  5205010   TR 8:40-11:00
W 11:00-1:20
May 16-July 8
Instructor permission required; process
Approved add slip in 10 Alumni Hall

COMMUNITY ECON DEVT   C R P 455      3 CR.  9223005   MWR 2:30-4:30
May 16-June 14

INDEPENDENT STUDY      C R P 490      1-3 CR.  Satisfactory-Fail Only.
PREREQ: Written approval of Instructor and
Department Chair on Required Form
Instructor permission required 1st week; process
Approved add slip in 10 Alumni Hall
*******  See Dept for Reference Numbers

PRACTICUM      C R P 530      3 CR.  Satisfactory-Fail Only.
PREREQ: Graduate classification in C R P
2405005     Arranged, May 16-Aug 5

INTRO GEOG INFO SYS   C R P 551      3 CR.  1985005   A TR 8:40-10:50
W 8:40-10:50
SECT A: May 16-July 8
COMMUNITY & REGIONAL PLANNING

GEOG DATA MGT & PLAN C R P 552 3 CR.
PREREQ: 551 OR INSTRUCTOR PERMISSION
5209005 TR 8:40-11:00 W 11:00-1:20
MAY 16-JULY 8
INSTRUCTOR PERMISSION REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

COMMUNITY ECON DEVT C R P 555 3 CR.
PREREQ: GRADUATE CLASSIFICATION
9224005 MWR 2:30-4:30
MAY 16-JUNE 14

SPL TOP PLAN ADMIN C R P 590A 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP LOCAL EC DEV C R P 590B 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSGN C R P 590C 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HOUSING C R P 590D 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP NGOHRHD RENW C R P 590E 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL PLAN C R P 590F 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP REG ECON DEV C R P 590G 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING

SPL TOP ENVIRN PLAN C R P 590H 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRTN PL C R P 590I 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP POLICY ANALY C R P 590J 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STATE PLANN C R P 590K 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP PL DEV CNTRY C R P 590L 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GIS C R P 590M 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

PRO PLANNING REPORT C R P 598 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH C R P 699 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

COMPUTER ENGINEERING

ELETRN DEVIC&CIROCTS CPR E 203 4 CR.
PREREQ: E E 201, MATH 267, PHYS 222, CREDIT OR
ENROLLMENT IN CPR E 210
2288005 1 MTWRF 7:30-8:30 MR 9:00-12:00
SECT 1:MAY 16-JULY 8
2288010 2 MTWRF 7:30-8:30 TF 9:00-12:00
SECT 2:MAY 16-JULY 8
**COMPUTER ENGINEERING**

**INTR DIGITAL DESIGN**  
CPR E 210  
4 CR.  
PREREQ: SOPHOMORE CLASSIFICATION  
1992005  
1 MTWF 7:30-8:30  
MW 9:50-11:50  
SECT 1: MAY 16-JULY 8  
1992010  
2 MTWF 7:30-8:30  
TR 9:50-11:50  
SECT 2: MAY 16-JULY 8  
1992015  
3 MTWF 7:30-8:30  
MW 2:30-4:30  
SECT 3: MAY 16-JULY 8

**INTR MICROCONTROLLER**  
CPR E 211  
4 CR.  
PREREQ: 210, COM S 207 OR 227  
1993005  
A MTWRF 8:40-9:40  
MW 9:50-11:50  
SECT A: MAY 16-JULY 8  
1993010  
B MTWRF 8:40-9:40  
TR 12:10-2:10  
SECT B: MAY 16-JULY 8

**COOPERATIVE EDUCATION**  
CPR E 298  
R CR.  
PREREQ: PERMISSION OF DEPARTMENT  
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;  
COLLEGE WILL REGISTER STUDENT  
2757005  
ARRANGED, MAY 16-AUG 5

**SUMMER INTERNSHIP**  
CPR E 396  
R CR.  
PREREQ: PERMISSION OF DEPARTMENT  
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;  
COLLEGE WILL REGISTER STUDENT  
4360005  
ARRANGED, MAY 16-AUG 5

**INDEPENDENT STUDY**  
CPR E 490  
VAR. CR.  
PREREQ: SENIOR CLASSIFICATION IN COMPUTER ENGR  
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
******  
SEE DEPT FOR REFERENCE NUMBERS

**HONORS INDEPENDENT STUDY**  
CPR E 490H  
VAR. CR.  
PREREQ: SENIOR CLASSIFICATION IN COMPUTER ENGR  
MEMBERSHIP IN UNIV HONS PROGRAM  
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
******  
SEE DEPT FOR REFERENCE NUMBERS

**COOPERATIVE EDUCATION**  
CPR E 498  
R CR.  
PREREQ: 298, PERMISSION OF DEPARTMENT  
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;  
COLLEGE WILL REGISTER STUDENT  
2774005  
ARRANGED, MAY 16-AUG 5

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

**COMPUTER ENGINEERING**

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

**ENGINEERING INTERNSHIP**  
CPR E 697  
R CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: PERMISSION OF DEPT CHAIR, GRAD CLASSIFICATION  
7420005  
ARRANGED, MAY 16-AUG 5

**RESEARCH**  
CPR E 699  
VAR. CR.  
******  
SEE DEPT FOR REFERENCE NUMBERS

**COMPUTER SCIENCE**

**COMPUTER APPLICATIONS**  
COM S 103  
4 CR.  
ALL LECTURES DELIVERED VIA WWW. ALL STUDENTS MUST  
ATTEND LAB SESSION IN 116A ATANASOFF THE FIRST WEEK  
OF THE SEMESTER FOR ORIENTATION.  
MATERIALS FEE $15.00  
2673005  
1 ARRANGED  
TR 9:50-11:50  
SECT 1: JUNE 13-AUG 5  
2673010  
2 ARRANGED  
TR 12:10-2:10  
SECT 2: JUNE 13-AUG 5  
2673015  
3 ARRANGED  
MW 9:50-11:50  
SECT 3: JUNE 13-AUG 5  
2673020  
4 ARRANGED  
MW 12:10-2:10  
SECT 4: JUNE 13-AUG 5  
2673025  
5 ARRANGED, MW 2:30-4:30  
SECT 5: JUNE 13-AUG 5

**PROGRAMMING I**  
COM S 207  
3 CR.  
PREREQ: MATH 150 OR PLACEMENT INTO MATH 140/141/142 OR HIGHER  
CREDIT FOR EITHER COM S 207 OR COM S 227, BUT  
NOT BOTH, MAY BE COUNTED TOWARD GRADUATION  
9235005  
A MTWRF 11:00-12:00  
TR 1:20-2:20  
SECT A: JUNE 13-AUG 5  
9235010  
B MTWRF 11:00-12:00  
TR 12:10-1:10  
SECT B: JUNE 13-AUG 5

**INTRO DATA STRUCTURE**  
COM S 228  
3 CR.  
PREREQ: 227, MATH 165, CR OR ENR IN COM S 104 AND MATH 166  
9238005  
A MTWRF 8:40-9:40  
MW 11:00-12:00  
SECT A: MAY 16-JULY 8  
SECTION A RESTRICTED TO P CS MAJORS ONLY  
9238010  
B MTWRF 8:40-9:40  
MW 12:10-1:10  
SECT B: MAY 16-JULY 8  
SECTION B RESTRICTED TO CPR E MAJORS ONLY

**INDEPENDENT STUDY**  
COM S 290  
VAR. CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: PERMISSION OF INSTRUCTOR  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
2680005  
ARRANGED, MAY 16-AUG 5
COMPUTER SCIENCE

DSN & ANALYSIS ALGRTH  COM S 311  3 CR.
PREREQ: 228, MATH 166, ENGL 104, AND EITHER
COM S 330 OR CPR E 310
CREDIT FOR EITHER COM S 311 OR COM S 381, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2683005  A MTWRF 8:40-9:40
TR 11:00-12:00
SECT A: JUNE 13-AUG 5
SECTION A RESTRICTED TO COM S MAJORS
ONLY

2683010  B MTWRF 8:40-9:40
TR 11:00-12:00
SECT B: JUNE 13-AUG 5
SECTION B RESTRICTED TO CPR E MAJORS
ONLY

INTR DATABS MGT SYS  COM S 363  3 CR.
PREREQ: 228 AND ENGL 104
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2689005  A MTWRF 12:10-1:25
MW 1:30-2:30
SECT A: MAY 16-JULY 8
SECTION A RESTRICTED TO COM S MAJORS
ONLY

2689010  B MTWRF 12:10-1:25
MW 1:30-2:30
SECT B: MAY 16-JULY 8

COORDINATE EDUCATN  COM S 398  R CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
2691005  ARRANGED, MAY 16-AUG 5

NUMRC SOL DIFF EQUA  COM S 481  3 CR.
PREREQ: MATH 371; OR 265 AND ONE OF 266, 267;
KNOWLEDGE OF FORTRAN OR PASCAL
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2699005  MTWRF 11:00-12:00
MAY 16-JULY 8

INDEPENDENT STUDY  COM S 490  VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR
NO MORE THAN 9 CREDITS OF COM S 490 MAY BE
APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS  COM S 590  VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR  COM S 610  VAR. CR.
SATISFACTORY-FAIL ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  COM S 699  VAR. CR.
SATISFACTORY-FAIL ONLY.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

CONSTRUCTION ENGINEERING

COORDINATE EDUCATN  CON E 298  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
2732005  ARRANGED, MAY 16-AUG 5

SUMMER INTERNSHIP  CON E 396  R CR.
PREREQ: PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
4322005  ARRANGED, MAY 16-AUG 5

COORDINATE EDUCATN  CON E 398  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 298, PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
2738005  ARRANGED, MAY 16-AUG 5

INDEPENDENT STUDY  CON E 490  1-5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

COORDINATE EDUCATN  CON E 498  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 398, PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
2744005  ARRANGED, MAY 16-AUG 5

COUNSELOR EDUCATION

COUNSELING SPECIALIZN  CO ED 520  3 CR.
PREREQ: 510, 515
8233005  R 5:00-9:00PM
S 8:30-1:00
MAY 19-JULY 7
SATURDAY MTGS SCHEDULED FOR MAY 21 AND
JUNE 11

MGT SCHOOL CNS PROG  CO ED 550  3 CR.
PREREQ: 505
3170005  MT 5:30-8:30PM
S 8:00-4:30
MAY 17-JUNE 28
MEETS MAY 17,24,31 AND JUNE 4, 6, 7, 13, 14, 25, 27, 28

SPECIAL TOPICS  CO ED 590  1-2 CR.
PREREQ: 9 GRADUATE HOURS IN COUNSELOR ED
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  CO ED 599  1-2 CR.
PREREQ: 9 CREDITS IN COUNSELOR EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS  CO ED 690  VAR. CR.
PREREQ: 9 CREDITS IN COUNSELOR EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  CO ED 699  VAR. CR.
PREREQ: 9 CREDITS IN COUNSELOR EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
CRIMINAL JUSTICE STUDIES
CRIM & JUV JUST PRAC CJ ST 460 3-12 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JR/SR CLASSIFICATION; PERMISSION OF CJ ST COORDINATOR; TRANSCRIPT REQUIRED UPON APPLICATION; MAJOR OR MINOR IN CJ ST OR SOC OR PSA, OR 201, 302, & 305; SOC 241 OR 340

CURRICULUM & INSTRUCTION

CURRICULUM & INSTRUCTION

SUMMER 2005     Last Updated 01-04-2005

CRIMINAL JUSTICE STUDIES

CRIM & JUV JUST PRAC CJ ST 460 3-12 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JR/SR CLASSIFICATION; PERMISSION OF CJ ST COORDINATOR; TRANSCRIPT REQUIRED UPON APPLICATION; MAJOR OR MINOR IN CJ ST OR SOC OR PSA, OR 201, 302, & 305; SOC 241 OR 340

2581005 A ARRANGED
SECT A: MAY 16-AUG 5

CURRICULUM & INSTRUCTION

INTR INSTRCTN TECHL C I 201 3 CR.
MATERIALS AND PROFESSIONAL SUPPORT FEE $20.00
3015005 1 MWF 8:40-9:40
TR 7:30-9:30
SECT 1: JUNE 13-AUG 5
3015010 2 MWF 8:40-9:40
TR 1:20-3:20
SECT 2: JUNE 13-AUG 5
3015015 3 MWF 8:40-9:40
TR 3:40-5:40
SECT 3: JUNE 13-AUG 5

SOC FOUND AMER EDUC C I 204 3 CR.
6278005 A MTWRF 12:10-1:10
SECT A: JUNE 13-AUG 5

EXPRNC TEACHER AIDE C I 280A 1-2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 280A MAY BE TAKEN ALONE
PROFESSIONAL SUPPORT FEE $8.00-$16.00
6279005 ARRANGED, MAY 16-AUG 5
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

EARLY FIELD EXPERNC C I 280L .5 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A
PROFESSIONAL SUPPORT FEE $4.00
2843005 ARRANGED
MAY 9-JUNE 29
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ED PSYCH YNG LEARNR C I 332 3 CR.
PREREQ: 201, PSYCH 230 OR HD FS 102, OPEN ONLY TO MAJORS IN EARLY CHILDHOOD ED OR EL ED COURSE RESTRICTED TO EL ED, ECE E, ECE F MAJORS
2635005 MTWRF 2:30-4:30
JUNE 13-JULY 8

EDUCATIONAL PSYCHOL C I 333 3 CR.
PREREQ: 201, PSYCH 230 OR HD FS 102, APPLICATION TO THE TEACHER EDUC PROGRAM OR MAJOR IN PSYCHOLOGY FOR SECED, PSYCH MAJORS ONLY
6084005 MTWRF 2:30-4:30
JUNE 13-JULY 8

RDG&LANG ARTS K-3RD C I 377 4 CR.
PREREQ: 245, 250, HD FS 226, 240; ADMISSION TO TEACHER EDUC PROGRAM; CONCURRENT ENROLLMENT IN 448, 468A, 468C COURSE RESTRICTED TO EL ED MAJORS. TAKE CONCURRENTLY WITH 468A, 448, 468C.
2066005 1 MTR 12:00-3:30
SECT 1: MAY 9-JULY 14
NO MEETINGS JUNE 10-JULY 1

CURRICULUM & INSTRUCTION

RDG&LANG ARTS 4TH-6 C I 378 4 CR.
PREREQ: 377, CONCURRENT ENROLLMENT IN 449, 468B, 468D COURSE RESTRICTED TO EL ED MAJORS. TAKE CONCURRENTLY WITH 468D, 378, 468B.
2078005 1 MTR 7:30-11:00
SECT 1: MAY 9-JULY 14
NO MEETINGS JUNE 10-JULY 1

MID SCHL CURR DSIGN C I 398 3 CR.
PREREQ: ADMISSION TO TEACHER EDUCATION
8002005 MTWRF 4:00-7:30PM
JUNE 13-30

MIDL SCHL GRWTH&DEV C I 399 3 CR.
PREREQ: PSYCH 230
8003005 MTWRF 4:30-7:30PM
MAY 16-JUNE 10
NO MEETINGS MAY 30 AND 31

MULTICULT GENDER ED C I 406 3 CR.
PREREQ: 201, 333, JUNIOR CLASSIFICATION, ADMISSION TO TEACHER EDUCATION PROGRAM MEETS U.S. DIVERSITY REQMT.
6292005 A MTWRF 8:40-11:10
SECT A: MAY 16-JUNE 10
6292010 B MTWRF 12:10-2:40
SECT B: MAY 16-JUNE 10

SENIOR SEMINAR C I 415 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SR CLASSIFICATION, ADMITTED TO TEACHER EDUCATION PROGRAM, CONCURRENT ENROLLMENT IN 426 CONCURRENT ENROLLMENT IN 426 REQUIRED
6290005 MTWRF 12:10-5:00
JULY 11-22

PRINCIPS SECNDY ED C I 426 3 CR.
PREREQ: 201, SR CLASSIFICATION, ADMITTED TO TEACHER EDUC PROGRAM, CONCURRENT ENROLLMENT IN 415 CONCURRENT ENROLLMENT IN 415 REQUIRED
6293005 1 MTWRF 12:10-5:00
SECT 1: JULY 11-22

TCHG OF SOC STUDIES C I 443 3 CR.
PREREQ: 377
COURSE RESTRICTED TO EL ED MAJORS ONLY DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
3258005 1 MTWRF 7:30-9:40
SECT 1: MAY 9-JUNE 3
3258010 2 MTWRF 11:00-1:10
SECT 2: JULY 11-AUG 5

TCHNG CHILDREN MATH C I 448 3 CR.
PREREQ: MATH 195, 196, CONCURRENT ENROLLMENT IN C I 377, 468A, 468C COURSE RESTRICTED TO EL ED MAJORS ONLY.
MUST BE TAKEN CONCURRENTLY WITH 468C, 377, 468A.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
3260005 1 MTWRF 8:40-10:40
SECT 1: MAY 9-JUNE 3
TEACHING OF SCIENCE  C I  449  3 CR.
PREREQ: 377, CONCURRENT ENROLLMENT IN 378, 468B
468D, JUNIOR CLASSIFICATION
COURSE RESTRICTED TO EL ED MAJORS ONLY.
MUST BE TAKEN CONCURRENTLY WITH 468D,378,468B.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3261005  1 MTWRF 12:10-2:10
SECT 1:JUNE 9-JUNE 3

RDNG&LANGUAG TCHNOL  C I  456  3 CR.
PREREQ: 201, 377
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3257005  MTWRF 9:50-12:00
JUNE 13-JULY 8

PRA PRIMRY RDG&LANG  C I  468A  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
TAKE CONCURRENTLY WITH 377,448,468C.
COURSE RESTRICTED TO EL ED MAJORS.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3265005  1 MTWRF 7:30-12:30
SECT 1:JUNE 9-JULY 1
THE JUNE 9 MTG WILL BE 8:00-12:00

PRA RDG&LANG INTRMD  C I  468B  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
RESTRICTED TO EL ED MAJORS ONLY. TAKE
CONCURRENTLY WITH 378,449,468D.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3266005  1 MTWRF 7:30-12:30
SECT 1:JUNE 9-JULY 1
THE JUNE 9 MTG WILL BE 8:00-12:00

TCHG PRACTICUM MATH  C I  468C  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
COURSE RESTRICTED TO EL ED MAJORS ONLY.
MUST BE TAKEN CONCURRENTLY WITH 448,468A,377.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3267005  1 MTWRF 7:30-12:30
SECT 1:JUNE 9-JULY 1
THE JUNE 9 MTG WILL BE 8:00-12:00

TCHG PRACTICUM SCI  C I  468D  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
COURSE RESTRICTED TO EL ED MAJORS ONLY.
MUST BE TAKEN CONCURRENTLY WITH 449,378,468B.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3268005  1 MTWRF 7:30-12:30
SECT 1:JUNE 9-JULY 1

SPRVS TUTOR READING  C I  488  3 CR.
PREREQ: 416 OR LAS 417
255005  1 MTWRF 1:00-4:00
ARRANGED
SECT 1:JUNE 6-JULY 15
MEETINGS ON JUNE 6-10,17,24 AND JULY
1,8,15

SPRVS TUTOR READING  C I  488  3 CR.
PREREQ: 416 OR LAS 417
255010  2 MTWRF 8:00-12:00
ARRANGED
SECT 2:JUNE 13-JULY 22
MEETINGS ON JUNE 13-17,24 AND JULY
1,8,15,22

INDEP STUDY EDUCATN  C I  490A VAR. CR.
PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STD VOC-ED GUID  C I  490B  1- 3 CR.
PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STD CURR CONSTR  C I  490C  1- 3 CR.
PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STD PRIN EDUC  C I  490D  1- 3 CR.
PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STD METH TCHG  C I  490E  1- 3 CR.
PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  C I  490H  1- 3 CR.
PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
MEMBERSHIP IN UNIV HONORS PROGRAM
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STD EDUC STAT  C I  490I  1- 3 CR.
PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STD MULTICUL ED  C I  490J  1- 3 CR.
PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STD SOCIAL STDI  C I  490K  1- 3 CR.
PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STU FOUND EDUC  C I  490O  1- 3 CR.
PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
*******  SEE DEPT FOR REFERENCE NUMBERS

FND INSTRUCT TECHNO  C I  501  3 CR.
PREREQ: GRADUATE CLASSIFICATION
MATERIALS AND PROFESSIONAL SUPPORT FEE $15.00
2792005  ARRANGED
JUNE 13-JULY 8
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
COURSE DELIVERY IS WWW
CURRICULUM & INSTRUCTION

INTR TECHN IN TEACH  C I  505  2 CR.
PREREQ: GRADUATE CLASSIFICATION
2796005  1 MTR 7:30-9:40
SECT 1:JULY 11-AUG 5

MULTICUL GENDR FAIR  C I  506  3 CR.
PREREQ: 6 GRADUATE CREDITS IN EDUCATION
2797005  1 MTWR 12:10-2:40
SECT 1:JUNE 13-JULY 7

MATH PROB SOLV K-12  C I  513X  3 CR.
PREREQ: 448 OR 497, 6 CR OF MATH, INSTR PERMISSN
6988005  ARRANGED
JUNE 13-AUG 5
INSTRUCTOR PERMISSION REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

INTRO SCIENCE TEACH  C I  514X  2 CR.
SATISFACTORY-FAIL ONLY.
8372005  1 MTW 5:30-8:30PM
SECT 1:JUNE 13-JULY 7

PRIN SECONDARY EDUC  C I  526  3 CR.
PREREQ: 6 CREDITS IN EDUCATION
7724005  1 MTWF 12:10-5:00
SECT 1:JUNE 13-JULY 22

EDUC PSYCH LEARNING  C I  533  3 CR.
PREREQ: 333 OR TEACHER LICENSURE
4363005  MTWF 3:00-5:30
JUNE 13-JULY 8

ADV PEDAG SCIENC ED  C I  546  3 CR.
PREREQ: BACHELOR'S DEGREE
3527005  MTWF 2:30-4:30
MAY 9-JUNE 3

RESTRUC SCIENC ACTV  C I  548X  3 CR.
8456005  1 MTWR 11:30-2:20
SECT 1:JUNE 13-JULY 8

CORRECTIVE READING  C I  552  3 CR.
PREREQ: ONE COURSE IN READING
3276005  MTWR 1:20-3:50
JUNE 13-JULY 8

RDNG MLD-DISAB ADOL  C I  553  3 CR.
PREREQ: TEACHING LICENSE
7267005  1 TRF 7:30-10:50
SECT 1:JULY 11-AUG 5

TECHNOL IN READ&LANG  C I  556  3 CR.
PREREQ: TEACHING LICENSE
1285005  MTWF 9:50-12:00
JUNE 13-JULY 8

TECHNLGY FOR TEACHR  C I  570  2 CR.
5622005  MTWF 8:30-11:30
MTWF 12:30-3:30
JUNE 6-10

SUPVS TUTOR READING  C I  588  3 CR.
PREREQ: 552
9245005  1 MTWF 1:00-4:00
ARANGED
SECT 1:JUNE 6-JULY 15
MEETINGS ON JUNE 6-10,17,24 AND JULY 1,8,15,22

SPCL TOP CURRICULUM  C I  590A  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTR TECHNO  C I  590B  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP SCIENCE EDUC  C I  590C  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOPICS MATH EDUC  C I  590G  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ELEM ED  C I  590I  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LITERACY ED  C I  590K  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

INSTR TECHNOL WKSHP  C I  593B  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
2811500  SP ARRANGED
SECT SP:JUNE 21-JULY 3
SECTION SP TAUGHT IN SPAIN. 'ILET SUMMER ACADEMY'
STUDY ABROAD EXPERIENCE. ON-CAMPUS MEETING MAY 2,
TRAVEL DATES JULNE 21-JULY 3.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

CURRICULUM & INSTRUCTION
CURRICULUM & INSTRUCTION

CR COMP INSTR TCHNL C I 599B 1-3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

CRT COMP ENVIRON ED C I 599E 1-3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CR COMP MULTICUL ED C I 599F 1-3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

SEMINR EDUC PSYCHOL C I 615K 1 CR.
4586005 ARRANGED JUNE 15-AUG 5

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

ADV SPL TOP INS TCH C I 690B VAR. CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

ADV SPL TOP ENVR ED C I 690E VAR. CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

CURRICULUM & INSTRUCTION

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

RESEARCH CURRICULUM C I 699A VAR. CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RES INSTRUC TECHNOL C I 699B VAR. CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SCIENCE EDUC C I 699C VAR. CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

RESRCH FOREIGN LANG C I 699J VAR. CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

DANCE

BALLROOM DANCE I DANCE 160 1 CR.
SATISFACTORY-FAIL ONLY.
2842005 1 MTWF 8:40-9:40
SECT 1: MAY 16-JUNE 24
SECTION 1 FOR WOMEN ONLY
2842010 2 MTWF 8:40-9:40
SECT 2: MAY 16-JUNE 24
SECTION 2 FOR MEN ONLY

DANCE APPRECIATION DANCE 270 3 CR.
2855005 1 MTWR 11:00-12:40
SECT 1: MAY 16-JUNE 24

INDEPENDENT STUDY DANCE 490 1-3 CR.
PREREQ: 6 CR IN DANCE, PERMISSION OF COORDINATOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
DEVELOPMENT STUDIES

TOP STD TECH, STRUC  DSN S 528G  2- 3 CR.
PREREQ: ARCH 221, 222 OR SENIOR CLASSIFICATION
OR GRADUATE STANDING
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2005
FIELD TRIPS & TRAVEL FEE $50.00
2346005  1  ARRANGED
SECT 1:JUNE 13-AUG 5
TOPIC: FILE TO FABRICATION

TOPICL STD PRACTICE  DSN S 528K  2- 3 CR.
PREREQ: ARCH 221, 222 OR SENIOR CLASSIFICATION
OR GRADUATE STANDING
2411005   1 TR 2:30-5:00
SECT 1:JUNE 13-AUG 5
TOPIC: WRITING ABOUT ARCHITECTURE

ECOLOGY & EVOLUTIONARY BIOLOGY

SPECIAL TOPICS  EEB  590  1- 3 CR.
PREREQ: GRAD CLASSIFICATION AND INSTR PERMISSN
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7860005     ARRANGED, MAY 16-AUG 5

RESEARCH  EEB 699 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

ECONOMICS

PRIN MICROECONOMICS  ECON 101  3 CR.
CREDIT FOR ONLY TWO PRINCIPLES OF ECONOMICS
COURSES MAY BE PAIRED WITH ECON 102 OR 201 OR 205 TO APPLY
TOWARD GRADUATION.
3100005   1 MTWRF 11:00-12:00
SECT 1:JUNE 16-JULY 8
SECTION INFO:
http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp
3100010   2 MTWRF 11:00-12:00
SECT 2:JUNE 13-AUG 5
SECTION INFO:
http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp

PRIN MACROECONOMICS  ECON 102  3 CR.
PREREQ: 101 RECOMMENDED
CREDIT FOR ONLY TWO PRINCIPLES OF ECONOMICS
COURSES MAY BE APPLIED TOWARD GRADUATION. ECON
102
MAY BE PAIRED WITH ECON 101 OR 201 OR 206 TO APPLY
TOWARD GRADUATION.
3099005   1 MTWRF 8:40-9:40
SECT 1:JUNE 16-JULY 8
SECTION INFO:
http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp

INTERMED MICROECON  ECON 301  3- 4 CR.
PREREQ: 101; MATH 160 OR 165
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2005
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3101005   1 MTWRF 9:50-10:50
SECT 1:JUNE 16-JULY 8
EDUCATIONAL ADMINISTRATION

CULTR ANLY ADM PROB EDADM 556 3 CR.
PREREQ: 541
3287005 TWRF 8:00-12:00 JULY 12-28 FOR AMES COHORT 23

DSN&DELIV CURRICULA EDADM 559 3 CR.
PREREQ: 541
3416005 TWRF 1:00-5:00 JULY 12-28 FOR AMES COHORT 23

SPECIAL TOPICS EDADM 590 1-4 CR.
PREREQ: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL LEADERSHIP & POLICY ST

CAPSTONE EXPERIENCE EL PS 616 3 CR.
PREREQ: 6 CREDITS OF 615
******* SEE DEPT FOR REFERENCE NUMBERS

ELECTRICAL ENGINEERING

ELECTRIC CIRCUITS EE 201 4 CR.
PREREQ: CR OR REGISTRATN IN MATH 267 AND PHYS 222 CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: EE 201, 441, 442
201, 441, 442
2120005 1 TWRF 1:20-2:20 MW 2:30-4:30 SECT 1: MAY 16-JULY 8
2120010 2 TWRF 1:20-2:20 TR 2:30-4:30 SECT 2: MAY 16-JULY 8
ELECTRICAL ENGINEERING

MICROEL FABRIC TCHQ  E E  532  4 CR.
PREREQ: 332 OR 531
MATERIALS AND EQUIPMENT USE FEE $250.00
8880005  1 ARRANGED
SECT 1:JUNE 13-AUG 5

SPL TOP ELECMAG THY  E E  590A  1- 6 CR.
********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONTROL SYS  E E  590B  1- 6 CR.
********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN SYS  E E  590C  1- 6 CR.
********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CIRC THEORY  E E  590D  1- 6 CR.
********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPR ENGR  E E  590E  1- 6 CR.
********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTR PWR  E E  590F  1- 6 CR.
********  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELEC MATRLS  E E  590G  1- 6 CR.
********  SEE DEPT FOR REFERENCE NUMBERS

SP TOP EL DEVICES & CIR  E E  590H  1- 6 CR.
********  SEE DEPT FOR REFERENCE NUMBERS

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

ENGINEERING

ENGR PROB W/CPR LAB  ENGR  160  3 CR.
PREREQ: SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 142, 165
2946005  MTWR 11:00-12:50
JUNE 13-AUG 5

SUMMER INTERNSHIP  ENGR  396  R CR.
PREREQ: PERMISSION OF ENGR UG PROGRAMS ADVISER
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
3247005  ARRANGED, MAY 16-AUG 5

ENGINEERING MECHANICS

MECHAN OF MATERIALS  E M  324  3 CR.
PREREQ: 274
COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3007005  MTWR 9:50-10:50
SECT 1: MAY 16-JULY 8

MECH OF MATERLS LAB  E M  327  1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3008005  MTWR 8:40-9:40
SECT 1: MAY 16-JULY 8

DYNAMICS  E M  345  3 CR.
PREREQ: 274, CR OR ENROLLMENT IN MATH 266 OR 267
COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3010005  MTWR 7:30-8:30
3010010  MW 1:20-3:20
SECT 1: MAY 16-JULY 8

MECHANICS OF FLUIDS  E M  378  3 CR.
PREREQ: 274
COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3013005  MTWR 7:30-8:30
3013010  MTWR 7:30-8:30
SECT 2: MAY 16-JULY 8

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

SPECIAL TOPICS  E M  590J  1- 4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
********  SEE DEPT FOR REFERENCE NUMBERS

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

ENGINEERING INTERNSHP  E M  697  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPT CHAIR, GRAD CLASSIFICATION
8134005  ARRANGED, MAY 16-AUG 5

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

STATICS OF ENGINEER  E M  274  3 CR.
PREREQ: CREDIT OR ENROLLMENT IN MATH 166;
CREDIT OR ENROLLMENT IN PHYS 111 OR 221
COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY
3004005  MTWR 7:30-8:30
SECT 1: MAY 16-JULY 8
ENGLISH

INTENSIVE ENGLISH ENGL 10 0 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: RECOMMENDATION OF THE ENGLISH DEPT
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10A 0 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: RECOMMENDATION OF THE ENGLISH DEPT
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10B 0 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: RECOMMENDATION OF THE ENGLISH DEPT
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: RECOMMENDATION OF THE ENGLISH DEPT
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

ENGLISH NONNATIVE I ENGL 101B 3 CR.
PREREQ: RECOMMENDATION OF ENGLISH DEPARTMENT
ENGL 101B DOES NOT APPLY TOWARD GRADUATION
3294005 1 MTRF 8:50-10:50
SECT 1:JUNE 13-AUG 5

ENGLISH NONNATIVE II ENGL 101C 3 CR.
PREREQ: RECOMMENDATION OF ENGLISH DEPARTMENT;
ENGL 101C DOES NOT APPLY TOWARD GRADUATION
3295005 1 MTR 12:10-1:55
SECT 1:JUNE 13-AUG 5

ENGLISH NONNATIVE II ENGL 101D 3 CR.
PREREQ: RECOMMENDATION OF ENGLISH DEPARTMENT;
ENGL 101D DOES NOT APPLY TOWARD GRADUATION
COARSE RESTRICTED TO GRADUATE STUDENTS ONLY.
3296005 1 MTRF 8:40-9:40
SECT 1:JUNE 13-AUG 5
3296010 2 MTRF 9:50-10:50
SECT 2:JUNE 13-AUG 5
3296015 3 MTRF 11:00-12:00
SECT 3:JUNE 13-AUG 5

FIRST-YR COMPSITN I ENGL 104 3 CR.
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
3298005 A1 MTRF 8:40-9:40
SECT A1:JUNE 13-AUG 5
3298015 B1 MTRF 9:50-10:50
SECT B1:JUNE 13-AUG 5
3298025 C1 MTRF 11:00-12:00
SECT C1:JUNE 13-AUG 5
3298030 D1 MTRF 12:10-1:10
SECT D1:JUNE 13-AUG 5
3298035 E1 MTRF 1:00-2:00
SECT E1:JUNE 13-AUG 5
SEC E1 FOR APEX PROGRAM STUDENTS

FIRST-YR COMPSITN II ENGL 105 3 CR.
PREREQ: 104 OR EXEMPTION FROM 104; CREDIT FOR OR
CONCURRENT ENROLLMENT IN LIB 160
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
3299005 A1 MTRF 8:40-9:40
SECT A1:MAY 16-JULY 8
3299010 B1 MTRF 9:50-10:50
SECT B1:MAY 16-JULY 8
3299015 C1 MTRF 11:00-12:00
SECT C1:JUNE 13-AUG 5
3299025 D1 MTRF 9:50-10:50
SECT D1:JUNE 13-AUG 5
3299035 E1 MTRF 1:00-2:00
SECT E1:JUNE 13-AUG 5
SEC E1 FOR APEX PROGRAM STUDENTS

DESCRIPT ENGL GRAMMAR ENGL 220 3 CR.
PREREQ: 105
3308005 A MTRF 9:50-10:50
SECT A:JUNE 13-AUG 5

BUSINESS COMMUNICAT ENGL 302 3 CR.
PREREQ: 105, JR CLASSIFICATION
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3314005 1 MTRF 7:30-8:30
SECT 1:MAY 16-JULY 8
3314010 2 MTRF 8:40-9:40
SECT 2:MAY 16-JULY 8
3314015 3 MTRF 8:40-9:40
SECT 3:MAY 16-JULY 8
3314020 4 MTRF 8:40-9:40
SECT 4:MAY 16-JULY 8
3314025 5 MTRF 9:50-10:50
SECT 5:MAY 16-JULY 8
3314030 6 MTRF 9:50-10:50
SECT 6:MAY 16-JULY 8
3314035 7 MTRF 9:50-10:50
SECT 7:MAY 16-JULY 8
3314040 8 MTRF 11:00-12:00
SECT 8:MAY 16-JULY 8
3314045 9 MTRF 11:00-12:00
SECT 9:MAY 16-JULY 8
3314050 10 MTRF 12:10-1:10
SECT 10:MAY 16-JULY 8
3314055 11 MTRF 12:10-1:10
SECT 11:MAY 16-JULY 8
3314060 12 MTRF 1:20-2:20
SECT 12:MAY 16-JULY 8
3314065 13 MW 6:00-9:00PM
SECT 13:MAY 16-JULY 8
3314075 14 MTRF 8:40-9:40
SECT 14:JUNE 13-AUG 5
3314080 15 MTRF 8:40-9:40
SECT 15:JUNE 13-AUG 5
3314085 16 MTRF 9:50-10:50
SECT 16:JUNE 13-AUG 5

3314087 17 MTRF 9:50-10:50
SECT 17:JUNE 13-AUG 5
3314051 18 MTRF 11:00-12:00
SECT 18:JUNE 13-AUG 5
3314075 19 MTRF 12:10-1:10
SECT 19:JUNE 13-AUG 5
3314080 20 TR 6:15-8:40PM
SECT 20:JUNE 13-AUG 5
ENGLISH

CREAT WRITING FICTN ENGL 304 3 CR.
PREREQ: 105, NOT OPEN TO FRESHMEN
3316005 A MTWRF 12:10-1:10
SECT A: MAY 16-JULY 8

CREAT WRITING NON-F ENGL 305 3 CR.
PREREQ: 105, NOT OPEN TO FRESHMEN
3317005 A MTWRF 9:50-10:50
SECT A: JUNE 13-AUG 5

CREAT WRITING POET ENGL 306 3 CR.
PREREQ: 105, NOT OPEN TO FRESHMEN
3318005 A MTWRF 11:00-12:00
SECT A: MAY 16-JULY 8

REPT&PROPOSAL WRITING ENGL 309 3 CR.
PREREQ: 105, JUNIOR CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8089005 A MTWRF 11:00-12:00
SECT A: MAY 16-JUNE 24

RHETORICAL ANALYSIS ENGL 310 3 CR.
PREREQ: 105
8308005 A MTWRF 11:00-12:20
SECT A: MAY 16-JUNE 24

WRITING FOR THE WWW ENGL 313 3 CR.
PREREQ: 105
COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5597005 A MTWRF 8:40-9:40
SECT A: MAY 16-JUNE 8

TECHNICAL COMMUNICATION ENGL 314 3 CR.
PREREQ: 105, JUNIOR CLASSIFICATION
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3356005 1 MTWRF 8:40-9:40
SECT 1: MAY 16-JUNE 8
3356010 2 MTWRF 9:50-10:50
SECT 2: MAY 16-JUNE 8
3356015 3 MTWRF 11:00-12:00
SECT 3: MAY 16-JUNE 8
3356020 4 MTWRF 11:00-12:00
SECT 4: MAY 16-JUNE 8
3356025 5 MTWRF 12:10-1:10
SECT 5: MAY 16-JUNE 8
3356030 6 MTWRF 8:40-9:40
SECT 6: JUNE 13-AUG 5
3356035 7 MTWRF 9:50-10:50
SECT 7: JUNE 13-AUG 5
3356040 8 MTWRF 11:00-12:00
SECT 8: JUNE 13-AUG 5
3356045 9 MTWRF 12:10-1:10
SECT 9: JUNE 13-AUG 5
3356050 10 TR 6:15-8:45PM
SECT 10: JUNE 13-AUG 5

FILM ENGL 335 3 CR.
PREREQ: 105
MATERIALS FEE $30.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3322005 A MW 1:20-5:00
SECT A: MAY 16-JUNE 24
FILM SHOWINGS MAY EXTEND SCHEDULED TIME

ENGLISH

SURVEY WOMEN'S LIT ENGL 340 3 CR.
PREREQ: 105
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3323005 A MTWRF 9:50-11:15
SECT A: MAY 16-JUNE 24

AMERICAN LIT 1830-1914 ENGL 362 3 CR.
PREREQ: 105; SOPHOMORE CLASSIFICATION
3336005 A MWF 9:50-11:30
SECT A: MAY 16-JUNE 24

AMERICAN LIT 1914-PRESENT ENGL 364 3 CR.
PREREQ: 105; SOPHOMORE CLASSIFICATION
3338005 A MTWRF 11:00-12:00
SECT A: JUNE 13-AUG 5

WRIT WORKSHOP POETRY ENGL 406 3 CR.
PREREQ: 306
3355005 A MTWRF 11:00-12:00
SECT A: MAY 16-JUNE 24

BUSINESS AND TECHNICAL EDIT ENGL 415 3 CR.
PREREQ: 302, 309, OR 314; JUNIOR CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3358005 A1 MTWRF 11:00-12:00
SECT A1: MAY 16-JUNE 8
SECTION A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
3358010 A2 MTWRF 11:00-12:00
SECT A2: MAY 16-JUNE 8
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

INDIVIDUAL STUDY LITERATURE ENGL 490A VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE TO THE AREA TAKEN, JR CLASSIFICATION, PERMISSION OF THE UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

INDIVIDUAL STUDY LINGUISTICS ENGL 490B VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE TO THE AREA TAKEN, JR CLASSIFICATION, PERMISSION OF THE UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

INDIVIDUAL STUDY RHETORIC ENGL 490C VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE TO THE AREA TAKEN, JR CLASSIFICATION, PERMISSION OF THE UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS
ENGLISH

IND STUDY CRITICISM ENGL 490D VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE TO THE AREA TAKEN, JR CLASSIFICATION, PERMISSION OF THE UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY READING ENGL 490E VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE TO THE AREA TAKEN, JR CLASSIFICATION, PERMISSION OF THE UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

IND STD CREATV WRIT ENGL 490F VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE TO THE AREA TAKEN, JR CLASSIFICATION, PERMISSION OF THE UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

IND STD BUS/TCH CMM ENGL 490G VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE TO THE AREA TAKEN, JR CLASSIFICATION, PERMISSION OF THE UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ENGL 490H VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE TO THE AREA TAKEN, JUNIOR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
MEMBERSHIP IN UNIV HONS PROGRAM
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

ADV WKSHP ACAD WRIT ENGL 508 3 CR.
PREREQ: 6 GRADUATE CREDITS
5107005 A TR 6:15-8:45PM
SECT A:MAY 16-JULY 8

INTR LINGUIST ANALY ENGL 511 3 CR.
PREREQ: GRADUATE CLASSIFICATION
3395005 A MW 8:40-12:00
SECT A:JUNE 27-AUG 5

ENTOMOLOGY

INTRO TO INSECTS ENT 201 1 CR.
5197005 A ARRANGED
SECT A:MAY 16-JUNE 24
COURSE DELIVERY IS WWW
SECTION INFO:
http://www.ent.iastate.edu/courses
ENTOMOLOGY

INTRO INSECT ECOLOGY ENTR 371I 4 CR.
PREREQ: 15 CR IN BIOL SCI, JR OR SR CLASSIF
A MAXIMUM OF 6 CREDITS OF ENT 490 MAY BE
USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD RESrch/WORK ENT 490E 1- 3 CR.
PREREQ: 15 CR IN BIOL SCI, JR OR SR CLASSIF
A MAXIMUM OF 6 CREDITS OF ENT 490 MAY BE
USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP Top Immatur Insect Engl. ENT 590M 1- 3 CR.
PREREQ: 15 CR IN ZOOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP Top Insect Genet ENT 590N 1- 3 CR.
PREREQ: 15 CR IN ZOOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENT 600 1 CR.
5345005 A M 3:40-4:50
SECT A: MAY 16-AUG 5

RESEARCH ENT 699 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

WATER HYDROLOGY & SURF. ENSC 402 4 CR.
PREREQ: 15 CR IN ZOOLOGICAL SCIENCES
A MAXIMUM OF 6 CREDITS OF ENT 490 MAY BE
USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

WATER HYDROL & SURF. ENSC 402I 4 CR.
PREREQ: 15 CR IN ZOOLOGICAL SCIENCES
A MAXIMUM OF 6 CREDITS OF ENT 490 MAY BE
USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

WTRSHED HYDROL&SURF ENSCI 402I 4 CR.
PREREQ: 15 CR IN ZOOLOGICAL SCIENCES
A MAXIMUM OF 6 CREDITS OF ENT 490 MAY BE
USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

WTRSHED HYDROL&SURF ENSCI 402I 4 CR.
PREREQ: 15 CR IN ZOOLOGICAL SCIENCES
A MAXIMUM OF 6 CREDITS OF ENT 490 MAY BE
USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
ENVIRONMENTAL SCIENCE

INTRODUCTION TO GIS  ENSCI 461I  4 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
1800005  MTWRF 8:00-5:00
MAY 22-JUNE 17

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

AQUATIC ECOLOGY  ENSCI 508I  4 CR.
PREREQ: COURSES IN ECOLGY, CHEMISTRY AND PHYSICS
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
5043005  MTWRF 8:00-5:00
JUNE 19-JULY 15

ENVIRONMENTAL STUDIES

ENVIRONMENTAL BIOLOGY  ENV S 123  3 CR.
ENV S/BIOL 123 DOES NOT APPLY TOWARD CREDITS
REQUIRED IN A BIOLOGY MAJOR
2022005  A ARRANGED
SECT A: MAY 16-JULY 29
COURSE DELIVERY IS WWW
SECTION INFO:
http://project.bio.iastate.edu/

WORLD FOOD ISSUES  ENV S 342  3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1733005  MTWRF 8:40-10:50
MAY 16-JUNE 10

INTERNSHIP ENVIR STD  ENV S 390  VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: APPROVAL OF THE ENV S COORDINATOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

POLIT COASTAL AREAS  ENV S 442X  3 CR.
8495005  ARRANGED
JUNE 6-JULY 15

INTRODUCTION TO GIS  ENV S 461I  4 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
1770005  MTWRF 8:00-5:00
MAY 22-JUNE 17

INDEPENDENT STUDY  ENV S 490  VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR AND APPROVAL OF
ENV S COORDINATOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

EXERCISE AND SPORT SCIENCE

SWIMMING I  EX SP 101  1 CR.
SATISFACTORY-FAIL ONLY.
EQUIPMENT USE FEE $3.00
5660005  1  MTWR 8:40-9:40
SECT 1: JUNE 13-JULY 28
5660010  2  MTWR 9:50-10:50
SECT 2: MAY 16-JUNE 30

POCKET BILLIARDS  EX SP 126  1 CR.
SATISFACTORY-FAIL ONLY.
EQUIPMENT USE FEE $20.00
5673005  1  MTWR 12:10-1:10
SECT 1: JUNE 13-JULY 28
5673010  2  MTWR 9:50-10:50
SECT 2: MAY 16-JUNE 30

BOWLING  EX SP 129  1 CR.
SATISFACTORY-FAIL ONLY.
EQUIPMENT USE FEE $20.00
5675005  1  MTWR 1:20-2:20
SECT 1: JUNE 13-JULY 28
5675010  2  MTWR 2:30-3:30
SECT 2: JUNE 13-JULY 28

GOLF I  EX SP 135  1 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS AND EQUIPMENT USE FEE $30.00
5678005  1  MTWR 8:40-9:40
SECT 1: JUNE 13-JULY 28
5678010  2  MTWR 7:30-8:30
SECT 2: JUNE 13-JULY 28

TENNIS I  EX SP 158  1 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS FEE $10.00
5690005  1  MTWR 9:50-10:50
SECT 1: JUNE 13-JULY 28
5690010  2  MTWR 11:00-12:00
SECT 2: JUNE 13-JULY 28

TRIATHLON TRAINING  EX SP 162  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 102 OR EQUIVALENT SKILL
EQUIPMENT USE FEE $15.00
5713005  1  MTWR 7:30-8:30
SECT 1: MAY 16-JUNE 30

WALKING FOR FITNESS  EX SP 164  1 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS FEE $7.00
8867005  1  MTWR 8:40-9:40
SECT 1: MAY 16-JUNE 30
8867010  2  MTWR 7:30-8:30
SECT 2: MAY 16-JUNE 30

TAEKWONDO/KARATE I  EX SP 170  1 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS FEE $10.00
5700005  1  MTWR 11:00-12:05
SECT 1: JUNE 13-JULY 28
### Exercise and Sport Science

#### Basic Athletic Train
**Course:** EX SP 220  
** Credits:** 2  
**Prerequisites:** ZOOL 155  
**Materials Fee:** $45.00  
**Instructor Permission:** Required  
**Time:** MTWR 9:50-11:50  
**Sections:**  
- **Sect 1:** June 13 - July 8  
- **Sect 2:** June 13 - July 8  

#### Phys Fitness & Cond
**Course:** EX SP 258  
** Credits:** 2  
**Prerequisites:** HHP Majors Only  
**Materials and Equipment Use Fee:** $10.00  
**Time:** MTWR 8:40-10:20  
**Sections:**  
- **Sect 1:** June 13 - July 21  

#### Biomechanics
**Course:** EX SP 355  
** Credits:** 3  
**Prerequisites:** 255, 258, H S 110, PHYS 106 OR 111  
**Materials and Equipment Use Fee:** $10.00  
**Available for Nonmajor Graduate Credit:**  
**Time:** MTW 11:00-1:00  
**Sections:**  
- **Sect 1:** May 16 - July 8  
- **Sect 2:** May 16 - July 8  

#### Physiology Exercise
**Course:** EX SP 358  
** Credits:** 3  
**Prerequisites:** 255, 258, H S 110, ZOOL 255, 255L, 256, 256L  
**Materials and Equipment Use Fee:** $35.00  
**Available for Nonmajor Graduate Credit:**  
**Time:** MTW 9:50-11:20  
**Sections:**  
- **Sect 1:** June 13 - Aug 5  

#### Exercise and Sport Science

#### Sport Psychology
**Course:** EX SP 365  
** Credits:** 3  
**Prerequisites:** 255, 258, H S 110, PSYCH 101 OR 230  
**Instructor Permission:** Required  
**Approved Add Slip in:** 10 Alumni Hall  
**Time:** MTWRF 12:10-1:10  
**Sections:**  
- **Sect 1:** June 13 - Aug 5  

#### Motor Control Lifespan
**Course:** EX SP 372  
** Credits:** 3  
**Prerequisites:** 255, 258, H S 110, PSYCH 101 OR 230, ZOOL 255  
**Materials and Equipment Use Fee:** $10.00  
**Time:** MWF 7:30-9:30  
**Sections:**  
- **Sect 1:** May 16 - July 8  

#### Prin Fitness Assess
**Course:** EX SP 458  
** Credits:** 4  
**Prerequisites:** 358  
**Instructor Permission:** Required  
**Approved Add Slip in:** 10 Alumni Hall  
**Time:** MWF 7:30-9:10  
**Sections:**  
- **Sect 1:** May 16 - July 8  

#### Intern Exer Leadrsh
**Course:** EX SP 459  
** Credits:** 1  
**Prerequisites:** C- or Better in 259, CPR Certification, Concurrent Enrollment in 458  
**Time:** ARRANGED  
**Sections:**  
- **Sect 1:** May 16 - July 8  

#### Internship Exer Sci
**Course:** EX SP 485A  
** Credits:** 1-16  
**Satisfactory-Fail Only:**  
**Prerequisites:** C- or Better in 458 and 459, HHP Majors Only, Cumulative GPA 2.0, Senior Classification and Advance Registration  
**Time:** ARRANGED  
**Sections:**  
- **Sect 1:** May 16 - Aug 5  

#### Internship Sport & Act
**Course:** EX SP 485B  
** Credits:** 1-16  
**Satisfactory-Fail Only:**  
**Prerequisites:** HHP Majors Only, Cum GPA 2.0, Senior Classification, Advance Registration  
**Time:** ARRANGED  
**Sections:**  
- **Sect 1:** May 16 - Aug 5  

#### Internship Sport Mgt
**Course:** EX SP 485C  
** Credits:** 1-16  
**Satisfactory-Fail Only:**  
**Prerequisites:** Senior Classification, Advance Reservation, 350, 352, 435, 445, Cumulative GPA 2.0  
**Time:** ARRANGED  
**Sections:**  
- **Sect 1:** May 16 - Aug 5  

#### Ind Study Exer&Sprt
**Course:** EX SP 490A  
** Credits:** 1-3  
**Prerequisites:** 6 CR in HHP and Permission of Coordinator  
**Instructor Permission:** Required  
**Approved Add Slip in:** 10 Alumni Hall  
**Time:** ARRANGED  
**Sections:**  
- **Sect 1:** May 16 - June 24  

#### Ind Study Coaching
**Course:** EX SP 490B  
** Credits:** 1-3  
**Prerequisites:** 6 CR in HHP and Permission of Coordinator  
**Instructor Permission:** Required  
**Approved Add Slip in:** 10 Alumni Hall  
**Time:** ARRANGED  
**Sections:**  
- **Sect 1:** May 16 - June 24
EXERCISE AND SPORT SCIENCE

INDEPENDENT STUDY HONORS EX SP 490H 1-3 CR.
PREREQ: 6 CR IN HHP AND PERMISSION OF COORDINATOR
MEMBERSHIP IN UNIV HONORS PROGRAM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED PHYSIOLOGY EXERCISE EX SP 550 3 CR.
PREREQ: 505
5792005 1 MWF 8:40-9:40
ARRANGED
SECT 1: JUNE 13- AUG 5

SPECIAL TOPICS IN PHYSICAL EDUCATION EX SP 590A 1-3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS IN EXERCISE PHYSIOLOGY EX SP 590B 1-3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS IN SPORT MANAGEMENT EX SP 590C 1-3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS IN SPORT SOCIOLOGY EX SP 590E 1-3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS IN MOTOR LEARNING EX SP 590G 1-3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS IN BIOMECHANICS EX SP 590H 1-3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SUPervised Field Experience in Physical Education EX SP 591A 1-6 CR.
PREREQ: 10 GRAD CR IN EX SP AND/OR RELATED AREAS
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SUPervised Field Experience in Sport Management EX SP 591C 1-6 CR.
PREREQ: 10 GRAD CR IN EX SP AND/OR RELATED AREAS
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS IN EDUCATION FCEDS 418A 3-8 CR.
PREREQ: 415, 24 CREDITS IN FAMILY & CONSUMER SCI
RESERVATION REQUIRED. CONTACT DEPARTMENT.
2313005 1 ARRANGED
SECT 1: MAY 16- JUNE 5

SPECIAL TOPICS IN FAMILY & CONSUMER SCIENCES EDUCATION FCEDS 418B 3-8 CR.
PREREQ: 421, 24 CREDITS IN FAMILY & CONSUMER SCI
RESERVATION REQUIRED. CONTACT DEPARTMENT.
2359005 ARRANGED, MAY 16- JUNE 5

SPECIAL TOPICS IN OCCUPATIONAL EDUCATION FCEDS 590F VAR. CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT IN CREATIVE COMPONENT FCEDS 599 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH IN RESEARCH FCEDS 699 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

FINANCE

PRINCIPLES OF FINANCE FIN 301 3 CR.
PREREQ: ACCT 284, ECON 101, STAT 226
COURSE NOT OPEN TO P BUS MAJORS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
3689005 A1 MTWRF 12:10-2:10
SECT A1: MAY 16-JUNE 10
SECTION A1 RESTRICTED TO ACCT, BUS S,
BUSINESS, MGMT, MIS, MKT, POM, TRLOG MAJORS
ONLY
3691005 A2 MTWRF 12:10-2:10
SECT A2: MAY 16-JUNE 10
SECTION A2 FOR COLLEGES OTHER THAN
BUSINESS

CORPORATE FINANCE FIN 310 3 CR.
PREREQ: 301
COURSE NOT OPEN TO P BUS MAJORS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
3691005 A MTWRF 9:50-11:50
SECT A: JUNE 13-JULY 8
**FINANCE**

**INVESTMENTS**  FIN 320  3 CR.
**PREREQ:** 301

Course restricted to ACCT, BUS S, BUS U, FIN, MGMT, MIS, MKT, POM, TRLOG, AG B MAJORS.
Not open to P BUS MAJORS.
Permission of college required to add during 1st week; go to 1200 GERDIN
3692005 A MTWR 12:10-2:10
Sect A: June 13-July 8

**INDEPENDENT STUDY**  FIN 490  1-3 CR.
**PREREQ:** 301, STAT 326, permission of instructor

Process approved add slip in 10 Alumni Hall
Department permission required; process approved add slip in 10 Alumni Hall

**BANKING INTERNSHIP**  FIN 499A  1-3 CR.
Satisfactory-fail only.
**PREREQ:** 330, 445; STAT 326; GPA 2.5; permission of internship coordinator
9403005 arranged, May 16-Aug 5
College permission required to add during 1st week; go to 1200 GERDIN

**INSURANCE INTERNSHIP**  FIN 499B  1-3 CR.
Satisfactory-fail only.
**PREREQ:** 361; STAT 326; GPA 2.5; permission of internship coordinator
9555005 arranged, May 16-Aug 5
College permission required to add during 1st week; go to 1200 GERDIN

**INTERNS REAL ESTATE**  FIN 499C  1-3 CR.
Satisfactory-fail only.
**PREREQ:** 472; STAT 326; GPA 2.5; permission of internship coordinator
3098005 arranged, May 16-Aug 5
College permission required to add during 1st week; go to 1200 GERDIN

**ADV FINANCIAL MGT**  FIN 510  3 CR.
**PREREQ:** 505
3703005 S S 8:30-4:30
Sect S: June 25-Aug 6

**CASE STD FIN DECISN**  FIN 515  3 CR.
**PREREQ:** 505
Restricted to business college graduate students
7163005 S S 8:30-4:30
Sect S: May 7-June 18

**SPECIAL TOPICS**  FIN 590  1-3 CR.
**PREREQ:** Permission of instructor
Restricted to business college graduate students

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**FOOD SCIENCE & HUMAN NUTRITION**

**FUND HUMAN NUTRITN**  FS HN 261  2 CR.
**PREREQ:** Credit or enrollment in BBMB 301 or BIOL 302
5573005 arranged
May 16-July 8

**WORLD FOOD ISSUES**  FS HN 342  3 CR.
Meets international perspectives reqmt.
Available for nonmajor graduate credit.
1923005 MTWR 8:40-10:50
May 16-June 10

**FOOD LAWS&REGL PROC**  FS HN 403  2 CR.
**PREREQ:** 3 credits in food science coursework at 200 level or above
Available for nonmajor graduate credit.
3679005 MTWR 8:40-10:10
May 16-June 10

**D I E T E T I C S  M A N A G E M N T**  FS HN 441  5 CR.
Satisfactory-fail only.
**PREREQ:** For students enrolled in the dietetic internship program
4314005 arranged
June 6-Aug 19

**MEDICAL DIETETICS I**  FS HN 442  8 CR.
Satisfactory-fail only.
**PREREQ:** For students enrolled in the dietetic internship program
4316005 arranged
April 30-July 2

**MEDICAL DIETETICS II**  FS HN 443  3 CR.
Satisfactory-fail only.
**PREREQ:** For students enrolled in the dietetic internship program
4331005 arranged
June 6-Aug 19

**PROF DEVEL ASSESSMT**  FS HN 448  1 CR.
Satisfactory-fail only.
**PREREQ:** Concurrent enrollment in 442. For students enrolled in the dietetic internship program
6885005 1 arranged
Sect 1: June 6-Aug 19
Course delivery is WWW

**IND STUDY DIETETICS**  FS HN 490A VAR. CR.
**PREREQ:** Permission of instructor
No more than 6 credits of FS HN 490 may be applied toward graduation

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**INDEP STDY FOOD SCI**  FS HN 490B VAR. CR.
**PREREQ:** Permission of instructor
No more than 6 credits of FS HN 490 may be applied toward graduation

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# Food Science & Human Nutrition

## Ind Study Nutrition
- **Course:** FS HN 490C Var. CR.
- **Prerequisite:** Permission of Instructor
- **Note:** No more than 6 credits of FS HN 490 may be applied toward graduation.

## Indep Study Honors
- **Course:** FS HN 490H Var. CR.
- **Prerequisite:** Permission of Instructor, Membership in University Honors Program
- **Note:** No more than 6 credits of FS HN 490 may be applied toward graduation.

## Supr Work Dietetics
- **Course:** FS HN 491A Var. CR.
- **Prerequisite:** Advance approval of Instructor, Adviser and Department Chair
- **Note:** Course only offered for 1-3 credits, sum. 2005. A maximum of 3 credits in FS HN 491A,B,C may be applied toward graduation.

## Supr Work Nutrition
- **Course:** FS HN 491C Var. CR.
- **Prerequisite:** Advance approval of Instructor, Adviser and Department Chair
- **Note:** Course only offered for 1-3 credits, sum. 2005. A maximum of 3 credits in FS HN 491A,B,C may be applied toward graduation.

## Travel - Internatnl
- **Course:** FS HN 496A 2-4 CR.
- **Prerequisite:** Permission of Instructor
- **Note:** Meets international perspectives reqmt. Credit arranged.

## Intro DNA Techniqs
- **Course:** FS HN 542A 1 CR.
- **Prerequisite:** FROSH or SOPH CLASSIFICATION

## Intr Protein Technq
- **Course:** FS HN 542B 1 CR.
- **Satisfactory-Fail Only.

## Medical Dietetics II
- **Course:** FS HN 543 3 CR.
- **Prerequisite:** For students enrolled in the dietetic internship program.

## Prof Devel Assessmt
- **Course:** FS HN 548 1 CR.
- **Satisfactory-Fail Only.

## Spl Topics Nutrtn
- **Course:** FS HN 590A Var. CR.
- **Prerequisite:** Instructor permission

## Spl Topics Food Sci
- **Course:** FS HN 590B Var. CR.
- **Prerequisite:** Instructor permission

## Spl Topics Teaching
- **Course:** FS HN 590C Var. CR.
- **Prerequisite:** Permission of Instructor

## Travel - Internatnl
- **Course:** FS HN 596A 2-4 CR.
- **Prerequisite:** Permission of Instructor
- **Note:** Meets international perspectives reqmt.

## Creative Component
- **Course:** FS HN 599 Var. CR.
- **Satisfactory-Fail Only.

## Seminar
- **Course:** FS HN 681 1 CR.
- **Satisfactory-Fail Only.

## Research Nutrition
- **Course:** FS HN 699A Var. CR.
- **Satisfactory-Fail Only.

## Research Food Sci
- **Course:** FS HN 699B Var. CR.
- **Satisfactory-Fail Only.

## Forestry
- **Course:** FS HN 290A 1-3 CR.
- **Prerequisite:** FROSH or SOPH CLASSIFICATION, INSTRUCTOR PERMISSION
- **Note:** A maximum of 4 credits of FORESTRY 290 may be used toward the total credits required for graduation.
FORESTRY

SPL PROB ECOSYS MGT FOR 290B 1-3 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
A MAXIMUM OF 4 CREDITS OF FORESTRY 290 MAY BE
USED TOWARD THE TOTAL CREDITS REQUIRED FOR
GRADUATION
7929005 ARRANGED, MAY 16-Aug 5

SPL PRB RESRC CNSRV FOR 290C 1-3 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
A MAXIMUM OF 4 CREDITS OF FORESTRY 290 MAY BE
USED TOWARD THE TOTAL CREDITS REQUIRED FOR
GRADUATION
7930005 ARRANGED, MAY 16-Aug 5

SPL PROB URB&COMMUN FOR 290D 1-3 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
A MAXIMUM OF 4 CREDITS OF FORESTRY 290 MAY BE
USED TOWARD THE TOTAL CREDITS REQUIRED FOR
GRADUATION
7931005 ARRANGED, MAY 16-Aug 5

SPL PROB WOOD SCIEN FOR 290E 1-3 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
A MAXIMUM OF 4 CREDITS OF FORESTRY 290 MAY BE
USED TOWARD THE TOTAL CREDITS REQUIRED FOR
GRADUATION
7932005 ARRANGED, MAY 16-Aug 5

CR COMP FOR BIOLOGY FOR 599A 1-8 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOMTRY FOR 599B 1-8 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

CR COMP FG&REC ECON FOR 599C 1-8 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR MGT&ADM FOR 599D 1-8 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPO WOOD SCI FOR 599E 1-8 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

FOREST BIOLGY RSRCH FOR 699A 1-9 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RSRCH FOR 699B 1-9 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1-9 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

FRENCH

ELEMENTARY FRENCH I FRNCH 101 4 CR.
CREDIT FOR ONLY ONE OF FRNCH 110, FRNCH 160,
OR THE FRNCH 101-102 SEQUENCE MAY BE APPLIED TOWARD
GRADUATION
MATERIALS AND EQUIPMENT USE FEE $20.00
3803005 1 MTWRF 8:40-12:00
SECT 1: MAY 16-JUNE 10

ELEMENTRY FRENCH II FRNCH 102 4 CR.
PREREQ: 101 OR 97
MATERIALS AND EQUIPMENT USE FEE $20.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3804005 1 MTWRF 8:40-12:00
SECT 1: JUNE 13-JULY 8

STUDY ABROAD FRNCH 395 1-10 CR.
PREREQ: 2 YEARS UNIVERSITY-LEVEL FRENCH
COURSE ONLY OFFERED FOR 8 CREDITS SUMMER 2005
MEETS INTERNATIONAL PERSPECTIVES REQMT.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3820005 RG ARRANGED
SECT RG: JUNE 6-JULY 23
REGENTS' PROGRAM IN LYON

INDEPENDENT STUDY FRNCH 490 1-6 CR.
PREREQ: PERMISSION OF FRENCH STAFF AND DEPT CHAIR
NO MORE THAN 9 CREDITS IN FRNCH 490 MAY BE
APPLIED TOWARD GRADUATION
PERMISSION OF DEPARTMENT CHAIR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

GENETICS

BIOTEC AG,FOOD,HLTH GEN 308 3 CR.
PREREQ: BIOL 201 AND 202
5280005 A ARRANGED
SECT A: JUNE 13-AUG 5
COURSE DELIVERY IS WWW
SECTION INFO: http://project.bio.iastate.edu/

GENETICS RESEARCH GEN 490R 1-5 CR.
PREREQ: 301, JR/SR CLASSIFICATION, INSTR PERMISN
AG COLLEGE STUDENTS MAY APPLY NO MORE THAN
6 CREDITS OF GEN 490 TOWARD GRADUATION.
SECTION INFO: http://project.bio.iastate.edu/
**GENETICS**

BIOTEC AG, FOOD, HLTH   GEN   508      3 CR.
PREREQ: BIOL 201 AND 202
5297005      A ARRANGED
SECTION A: JUNE 13-AUG 5
COURSE DELIVERY IS WWW
SECTION INFO:
http://project.bio.iastate.edu/

SPECIAL TOPICS   GEN   590      1- 3 CR.
PREREQ: 301 OR 320
*******     SEE DEPT FOR REFERENCE NUMBERS

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

**GENETICS - INTERDISCIPLINARY**

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

GRAD RESEARCH ROTAT   GENET   697      VAR. CR.
9316005      ARRANGED, MAY 16-AUG 5

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

**GEOLOGY**

THE EARTH   GEOL   100      3 CR.
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2005
3870005      MTWRF 8:40-9:40
MAY 16-JULY 8

INDEPENDENT STUDY   GEOL   290      2- 4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SUMMER FIELD STUDY   GEOL   302      6- 8 CR.
PREREQ: 102, 356, 368
FIELD TRIPS & TRAVEL FEE $1,175.00-$1,675.00
AVAILABLE FOR NONMAJOR GRADUATE CREDITS.
3881005      1 ARRANGED
SECT 1: MAY 21-JULY 2

INDEPENDENT STUDY   GEOL   490      1- 4 CR.
PREREQ: 6 CR IN GEOLOGY & PERMISSION OF INSTRUCTOR
NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE APPLIED TOWARD GRADUATION
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SURFIC PROC   GEOL   590A      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRATIGRAPH   GEOL   590B      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATN   GEOL   590C      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLGY   GEOL   590D      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS PETROLOGY   GEOL   590E      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRUCTURAL   GEOL   590F      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS GEOCHEM   GEOL   590G      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS HYDROGEOLO GEOL   590H      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI   GEOL   590I      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIN RESOURC   GEOL   590J      1- 3 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP GEOPHYSICS   GEOL   590K      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MINERALOGY   GEOL   590L      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS TECTONICS   GEOL   590M      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SP TOP PALEOEOCOCLI   GEOL   590N      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ISOTP GCHEM   GEOL   590O      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTAGIS   GEOL   590P      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

WYOMING'S DINOSAURS   GEOL   593A      1- 3 CR.
8466005      ARRANGED
DATES TO BE ANN.
TAUGHT IN SHELL, WY
WORKSHOP FEE APPLIES

RED GULCH, WY   DINO   593B      1- 3 CR.
8467005      ARRANGED
DATES TO BE ANN.
TAUGHT IN SHELL, WY
WORKSHOP FEE APPLIES
GEOLOGY

BIG HORN MOUNTAINS, WY  GEOL 593C  1-3 CR.
8469005  ARRANGED
TAUGHT IN SHELL, WY
WORKSHOP FEE APPLIES

RES SURFICIAL PROC  GEOL 699A VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RESRCH STRATIGRAPHY  GEOL 699B VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEDIMENTATION  GEOL 699C VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RESRCH PALEONTOLOGY  GEOL 699D VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RESRCH PETROLOGY  GEOL 699E VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RES STRUCTURAL GEOL  GEOL 699F VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RESRCH GEOCHEMISTRY  GEOL 699G VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RESRCH HYDROGEOLOGY  GEOL 699H VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RESRCH EARTH SCIENCE  GEOL 699I VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RES MINERAL RESOURC  GEOL 699J VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GEOPHYSICS  GEOL 699K VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MINERALOGY  GEOL 699L VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TECTONICS  GEOL 699M VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RES PALEOE&CLIMAT  GEOL 699N VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

RES ISOTOPE GEOCHEM  GEOL 699O VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

GERMAN

ELEMENTARY GERMAN I  GER 101  4 CR.
CREDIT FOR ONLY ONE OF GER 110, GER 160, OR THE GER 101-102 SEQUENCE MAY BE APPLIED TOWARD GRADUATION
MATERIALS AND EQUIPMENT USE FEE $20.00
3949005  1 MTWRF 8:40-12:00
SECT 1: MAY 16-JUNE 10

GERONTOLOGY

AGING & THE FAMILY  GERON 377  3 CR.
PREREQ: HD FS 102
MEETS U.S. DIVERSITY REQMT.
7865005  MTWRF 9:50-11:50  MARTIN P
MAY 16-JUNE 10

GRADUATE STUDIES

PREP FAC TCHG PRACT  GR ST 587X  1-3 CR.
PREREQ: PPF ADMISSION; COMPLETION OF GR ST 585X OR INSTRUCTOR PERMISSION; CREDIT OR CONCURRENT WITH 586X
7679005  ARRANGED, MAY 16-AUG 5
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PREP FTR FAC SPL TP  GR ST 588X  1-3 CR.
PREREQ: PPF ADMISSION; COMPLETION OF 585X OR INSTRUCTOR PERMISSION; CREDIT OR ENROLLMENT IN 586X
8341005  ARRANGED, MAY 16-AUG 5
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

EXAMINATION ONLY  GR ST 600  R CR.
3972005  ARRANGED, MAY 16-AUG 5

REQUIRED ENROLLMENT  GR ST 601  R CR.
4482005  ARRANGED, MAY 16-AUG 5

HEALTH STUDIES

1ST AID &EMERG CARE  H S 105  2 CR.
MATERIALS AND EQUIPMENT USE FEE $14.00
4081005  1 MTWRF 7:30-8:30
SECT 1: MAY 16-JUNE 8
4081010  2 MTWRF 11:00-1:00
SECT 2: JULY 11-AUG 5
4081015  3 MTWRF 1:20-2:20
SECT 3: MAY 16-JUNE 8

PERS &CONSUMER HLTH  H S 110  3 CR.
4082005  1 MTWRF 9:50-11:50
SECT 1: MAY 16-JUNE 10

DRUG EDUCATION  H S 215  3 CR.
PREREQ: HD FS 102 OR 226
CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
4084005  1 MTWRF 11:00-1:00
SECT 1: MAY 16-JUNE 10
HEALTH STUDIES

HEALTH ED ELEM SCHL   H S   275      3 CR.
4084010   2 MTWRF 9:50-11:50
SECT 2:JUNE 13-JULY 8

COMMUN&PUBLIC HEALTH   H S   310      3 CR.
PREREQ: 110
4087005   1 MTWRF 11:00-1:00
SECT 1:JUNE 16-JUNE 10

TEACH-LEARN HLTH ED   H S   375      3 CR.
PREREQ: 105, 110, 215
CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
4089005   1 MTWRF 11:00-1:00
SECT 1:JUNE 13-JULY 8

FIELD EXPERIENCE      H S   485   1-16 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ALL REQUIRED H S COURSES, PERMISSION OF COORDINATOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
4095005     ARRANGED, MAY 16-AUG 5

INDEPENDENT STUDY     H S   490   1-3 CR.
PREREQ: 6 CR IN H S, PERMISSION OF COORDINATOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

HIGHER EDUCATION

HIGHER EDUC IN U.S.   HG ED 504      3 CR.
PREREQ: GRADUATE CLASSIFICATION
411005     WRFS 8:40-2:40
MAY 18-21, JUNE 1-4

CAMPUS ENVIRONMENTS   HG ED 577      3 CR.
PREREQ: ADMISSION TO HIGHER EDUCATION PROGRAM
5613005   1 MTWRF 4:00-9:00PM
S 8:00-1:00
SECT 1:JUNE 6
MEETINGS ON JUNE 16-18, JUNE 31-JUNE 1

STUDENTS AMER HG ED   HG ED 578      3 CR.
PREREQ: ADMISSION TO HIGHER EDUCATION PROGRAM
734005   1 MTWRF 8:40-2:40
JUNE 6-17
NO SCHEDULED MTGS JUNE 14-15

COMPRE COMM COLLEGE   HG ED 582      3 CR.
PREREQ: GRADUATE CLASSIFICATION
4115005   1 MTWRF 8:40-4:40
JUNE 22-JULY 15
MEETINGS ON JUNE 22-24 AND JULY 13-15

HIGHER EDUCATION

SPL TOP STD SERVICE   HG ED 590A  1-4 CR.
PREREQ: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP CURRENT ISS   HG ED 590C  1-4 CR.
PREREQ: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTNL HG ED   HG ED 590D  1-4 CR.
PREREQ: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

SP TOP LAW IN HG ED   HG ED 590F  1-4 CR.
PREREQ: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTITNL RES   HG ED 590G  1-4 CR.
PREREQ: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

PROGRAM ASSESS&EVAL   HG ED 597   3 CR.
PREREQ: RESEV 550
COURSE RESTRICTED TO GRADUATE STUDENTS IN THE EDUCATION COLLEGE. OTHER STUDENTS MUST CONTACT THE DEPARTMENT AT 294-1241.
6276005   1 MTWRF 8:40-2:40
SECT 1:JUNE 10-26
MEETINGS SCHEDULED FOR MAY 10-12, 17, 20, 23, 25-26

CREATIVE COMPONENT   HG ED 599   VAR. CR.
PREREQ: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SEMN CURRENT ISSUES   HG ED 615C   1-4 CR.
COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2005
4140005   1 MT 8:40-4:40
SECT 1:MAY 9-10
SEC. 1 TOPIC: LEARNING COMMUNITIES IN HIGHER EDUC
WORKSHOP FEE APPLIES
4140010   2 MT 8:40-4:40
SECT 2:JULY 11-12
SEC. 2 TOPIC: ETHICS IN HIGHER EDUCATION
WORKSHOP FEE APPLIES
4140015   3 MR 8:40-4:40
SECT 3:JULY 13-14
SEC. 3 TOPIC: SERVANT LEADERSHIP IN HIGHER ED
WORKSHOP FEE APPLIES
4140020   4 MTWRF 8:00-1:00
SECT 4:JULY 5-18
SEC 4 OFFERED FOR 2 CREDITS. MEETS JULY 5, 7 AND JULY 11, 13, 15, 18. TOPIC: WRITING FOR PUBLICATION.
4140025   5 MTWRF 12:40-4:40
SECT 5:JUNE 23-JULY 1
SEC 5 OFFERED FOR 2 CREDITS. TOPIC: SOCIAL JUSTICE THEORY AND PRACTICE.
HIGHER EDUCATION

SEMINR LAW IN HG ED  HG ED 615F  1- 4 CR.
COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2005
4143005  1 WRF 8:40-4:40
SECT 1:MAY 13,19,27 JUN 8

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

RESEARCH     HG ED 699 VAR. CR.
PREREQ: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

HISTORICAL, PHILOSOPHICAL & COMP ED

PHILOSOPHY OF EDUC     H P C 581  3 CR.
PREREQ: GRADUATE CLASSIFICATION
4060005  1 MW 6:00-9:00PM
SECT 1:JUNE 13-AUG 5

SPCL TOP HIST OF ED     H P C 590A  1- 5 CR.
PREREQ: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHIL OF ED      H P C 590B  1- 5 CR.
PREREQ: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP COMPAR ED       H P C 590C  1- 5 CR.
PREREQ: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT     H P C 599  1- 3 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS      H P C 690  1- 3 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH     H P C 699 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

HISTORY

INTR WESTERN CIV II   HIST 202  3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4151005  1 MTWRF 9:50-11:50
MAY 16-JUNE 10

SURVEY U.S. HIST II  HIST 222  3 CR.
4156005  1 MTWRF 9:50-11:50
MAY 16-JUNE 10

HIST LATIN AMERI II   HIST 341  3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4175005  1 MTWRF 9:50-11:50
JULY 11-AUG 5

CIVIL WAR&RECONSTRN  HIST 455  3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4217005  1 MTWRF 9:50-11:50
JULY 11-AUG 5

INDEPENDENT STUDY   HIST 490  1- 3 CR.
PREREQ: 9 CREDITS IN HISTORY; PERMISSION OF DEPARTMENT CHAIR
A maximum of 2 credits of History 490 may be applied toward graduation.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS   HIST 590  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH     HIST 699 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE

HORT MGT EXPERIENCE   HORT 391  1 CR.
PREREQ: 221, PERMISSION OF INSTRUCTOR
A maximum of 2 credits of Horticulture 391 may be applied toward the horticultural sciences course requirements.
******** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN   HORT 398X  R CR.
Satisfactory-Fail only.
3652005  ARRANGED, MAY 16-AUG 5

IND ST GREENHS CROP   HORT 490A VAR. CR.
PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR
NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY NURS CROPS   HORT 490B VAR. CR.
PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR
NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY TURFGRASS   HORT 490C VAR. CR.
PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR
NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD FRUIT CROPS   HORT 490D VAR. CR.
PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR
NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS
HORTICULTURE

IND STUDY VEG CROPS HORT 490E VAR. CR.
PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR.
NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

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

IND STD CROSS-COMMOD HORT 490F VAR. CR.
PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR.
NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

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

IND ST LANDSCP HORT HORT 490G VAR. CR.
PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR.
NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

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

INDEP STUDY HONORS HORT 490H VAR. CR.
PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR.
A MAXIMUM OF 4 CR OF 490 MAY BE USED TOWARD THE TOTAL OF 128 CR REQUIRED FOR GRADUATION. MEMBERSHIP IN UNIV HONORS PROGRAM
NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

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

HORTICULTURAL WORKSHOP HORT 493 VAR. CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7617005 ARRANGED, MAY 16-AUG 5

HORTI TRAVEL COURSE HORT 496 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
2433100 ST ARRANGED ILES J
SECT ST:MAY 8-21
SECTION ST TAUGHT IN SCOTLAND.
'STUDY OF HORTICULTURE, CULTURE, AND HISTORY OF SCOTLAND'
STUDY ABROAD EXPERIENCE. OFFERED FOR 3 CREDITS.

INTRO DNA TECHNIQS HORT 542A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
3106005 MTRF 1:00-2:00
MTRF 2:00-4:00
JUNE 13-28

INTR PROTEIN TECHNQ HORT 542B 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
3134005 MTRF 1:00-2:00
MTRF 2:00-4:00
JULY 7-22

HORTICULTURE

SPECIAL TOPICS HORT 590 VAR. CR.
PREREQ: A MAJOR OR MINOR IN HORTICULTURE

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

WKSHP GREENHS CROPS HORT 593A VAR. CR.
4339005 ARRANGED, MAY 16-AUG 5

WKSHP NURSERY CROPS HORT 593B VAR. CR.
4340005 ARRANGED, MAY 16-AUG 5

WORKSHOP TURFGRASS HORT 593C VAR. CR.
4341005 ARRANGED, MAY 16-AUG 5

WORKSHOP FRUIT CROPS HORT 593D VAR. CR.
4342005 ARRANGED, MAY 16-AUG 5

WORKSHOP VEG CROPS HORT 593E VAR. CR.
4343005 ARRANGED, MAY 16-AUG 5

WKSHP CROSS-COMMODT HORT 593F VAR. CR.
4344005 ARRANGED, MAY 16-AUG 5

WKSHP LANDSCP HORT HORT 593G VAR. CR.
4094010 AV ARRANGED VANDERZANDEN A
SECT AV:MAY 16-AUG 5
4094015 BO ARRANGED OSBORN B
SECT BO:MAY 16-AUG 5
4094022 CH ARRANGED HAYNES C
SECT CH:MAY 16-AUG 5
4094078 JI ARRANGED ILES J
SECT JI:MAY 16-AUG 5
4094180 WG ARRANGED GRAVES W
SECT WG:MAY 16-AUG 5

CREATIVE COMPONENT HORT 599 VAR. CR.

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

ADVANCED TOPICS HORT 690 VAR. CR.
4348005 ARRANGED, MAY 16-AUG 5

RSRCH GREENHSE CROP HORT 699A VAR. CR.

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

RSRCH NURSERY CROPS HORT 699B VAR. CR.

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

RESEARCH TURFGRASS HORT 699C VAR. CR.

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

RESRCH FRUIT CROPS HORT 699D VAR. CR.

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

RESEARCH VEG CROPS HORT 699E VAR. CR.

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

RSRCH CROSS-COMMODT HORT 699F VAR. CR.

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

RSRCH LANDSCP HORT HORT 699G VAR. CR.

******* SEE DEPT FOR REFERENCE NUMBERS
HOTEL RESTAURANT & INSTITUTION

MGMT

INT'L STDY HOSP'TTY HRI 381 1-3 CR.
PREREQ: PERMISSION BY APPLICATION
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2005
5748100 TH ARRANGED GILMORE S
SECT TH:MAY 9-MAY 27
SEC TH TAUGHT IN THAILAND. STUDY ABROAD EXPERIENCE. OFFERED FOR 3 CREDITS.

IND ST HOSP'TTY MGT HRI 490B VAR. CR.
PREREQ: PROGRAM APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HRI 490D VAR. CR.
PREREQ: PROGRAM APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD FOODSRVC OP HRI 490E VAR. CR.
PREREQ: PROGRAM APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HRI 490H VAR. CR.
PREREQ: PROGRAM APPROVAL, FULL MEMBERSHIP IN HONORS PROGRAM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP HOSP'TTY MGT HRI 590B 1-3 CR.
PREREQ: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TP FOOD SERV OP HRI 590E 1-3 CR.
PREREQ: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HRI 599 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HRI 699 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

HUMAN COMPUTER INTERACTION

SPECIAL TOPICS HCI 590 3 CR.
7014005 AS ARRANGED
SECT AS:MAY 16-AUG 5
7014010 CS ARRANGED
SECT CS:MAY 16-AUG 5

HUMAN DEVELOPMENT & FAMILY STUDIES

INDV&PAM LIFE DEVEL HD FS 102 3 CR.
3491005 1 MTWRF 8:40-10:50 ALLEN C
SECT 1:MAY 9-JUNE 3

DEV&GUID: BIRTH-2YR HD FS 220 3 CR.
PREREQ: 102
4252005 1 MTWR 12:10-1:10 HUGHES K
MW 9:00-11:00 HUGHES K
SECT 1:MAY 16-JULY 8
4252010 2 MTWR 12:10-1:10 HUGHES K
MF 9:00-11:00 HUGHES K
SECT 2:MAY 16-JULY 8
4252015 3 MTWR 12:10-1:10 HUGHES K
TR 9:00-11:00 HUGHES K
SECT 3:MAY 16-JULY 8
4252020 4 MTWR 12:10-1:10 HUGHES K
WF 9:00-11:00 HUGHES K
SECT 4:MAY 16-JULY 8

DEV'L MID CHILDHOOD HD FS 226 3 CR.
PREREQ: 102 OR PSYCH 230
2193005 1 MTWRF 8:40-10:40 TORRIE M
MW 11:00-1:00 TORRIE M
SECT 1:JUNE 27-JULY 22
2193010 2 MTWRF 8:40-10:40 TORRIE M
MTWR 1:00-3:00 TORRIE M
SECT 2:JUNE 27-JULY 22
2193020 3 MTWRF 8:40-10:40 TORRIE M
MTWR 3:00-5:00 TORRIE M
SECT 3:JUNE 27-JULY 22
2193025 4 MTWRF 8:40-10:40 TORRIE M
F 8:00-5:00 TORRIE M
SECT 4:JUNE 27-JULY 22

FAMILY FINANCL MGT HD FS 283 3 CR.
3499005 1 MTWRF 8:40-10:50 OLESON M
SECT 1:MAY 16-JUNE 10

PLD EXP EARLY CHILD HD FS 317A VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 343, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

PLD EXP FAMILY SERV HD FS 317B VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 9 CREDITS IN HD FS, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

PLD EXP EARLY SP ED HD FS 317C VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 220, 221, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

PLD EX CARE 5+YR OLD HD FS 317D VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 226, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>HD FS 317E</td>
<td>FLD EXP INF/TODDLER</td>
<td>CR.</td>
<td>SATISFACTORY-FAIL ONLY. PREREQ: 340, PERMISSION OF INSTRUCTOR. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
</tr>
<tr>
<td>HD FS 317F</td>
<td>FLD EXP RESEARCH</td>
<td>CR.</td>
<td>SATISFACTORY-FAIL ONLY. PREREQ: 269, PERMISSION OF INSTRUCTOR. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
</tr>
<tr>
<td>HD FS 317G</td>
<td>FLD EXP FAM RES MGT</td>
<td>CR.</td>
<td>SATISFACTORY-FAIL ONLY. PREREQ: 283, PERMISSION OF INSTRUCTOR. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
</tr>
<tr>
<td>HD FS 317K</td>
<td>FIELD EXP HOUS PROG</td>
<td>CR.</td>
<td>SATISFACTORY-FAIL ONLY. PREREQ: PERMISSION OF INSTRUCTOR. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
</tr>
<tr>
<td>HD FS 343</td>
<td>ASS'MT&amp;PROG:AGE 3-6</td>
<td>4 CR.</td>
<td>PROFESSIONAL SUPPORT FEE $25.00.</td>
</tr>
<tr>
<td>HD FS 370</td>
<td>COMM HUM&amp;FAMILY DEV</td>
<td>3 CR.</td>
<td>PREREQ: 3 CREDITS IN SOCIAL SCIENCES.</td>
</tr>
<tr>
<td>HD FS 377</td>
<td>AGING &amp; THE FAMILY</td>
<td>3 CR.</td>
<td>PREREQ: 102. MEETS U.S. DIVERSITY REQMT.</td>
</tr>
<tr>
<td>HD FS 490A</td>
<td>IND ST EARLY SPL ED</td>
<td>CR. PREREQ: 6 CREDITS IN HD FS. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
<td></td>
</tr>
<tr>
<td>HD FS 490B</td>
<td>INDEP STUDY HONORS</td>
<td>CR. PREREQ: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
<td></td>
</tr>
<tr>
<td>HD FS 490I</td>
<td>INDEP STDY RESEARCH</td>
<td>CR. PREREQ: 6 CREDITS IN HD FS. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
<td></td>
</tr>
<tr>
<td>HD FS 491</td>
<td>PRACTICUM</td>
<td>4-8 CR.</td>
<td>SATISFACTORY-FAIL ONLY. PREREQ: 449; INSTRUCTOR PERMISSION. RESERVATION REQUIRED ONE SEMESTER BEFORE PLACEMENT. COURSE ONLY OFFERED FOR 8 CREDITS SUMMER 2005. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
</tr>
<tr>
<td>HD FS 510</td>
<td>THEORIES HUMAN DEVELOPMENT</td>
<td>3 CR. PREREQ: 6 CREDITS OF SOCIAL SCIENCE.</td>
<td></td>
</tr>
<tr>
<td>HD FS 586</td>
<td>SEX THERAPY</td>
<td>3 CR. PREREQ: 578 OR 571.</td>
<td></td>
</tr>
<tr>
<td>HD FS 590A</td>
<td>SPL TOP FAMILY STD</td>
<td>CR. PREREQ: PERMISSION OF INSTRUCTOR. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
<td></td>
</tr>
<tr>
<td>HD FS 590B</td>
<td>SPL TOPICS HOUSING</td>
<td>CR. PREREQ: PERMISSION OF INSTRUCTOR. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
<td></td>
</tr>
<tr>
<td>HD FS 590C</td>
<td>SPL TOP RESOURC MGT</td>
<td>CR. PREREQ: PERMISSION OF INSTRUCTOR. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
<td></td>
</tr>
<tr>
<td>HD FS 590D</td>
<td>SPL TOP HUMAN DEVELOPMENT</td>
<td>CR. PREREQ: PERMISSION OF INSTRUCTOR. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
<td></td>
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<tr>
<td>HD FS 590E</td>
<td>SPL TOP CHILD DEVELOPMENT</td>
<td>CR. PREREQ: PERMISSION OF INSTRUCTOR. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
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</tr>
<tr>
<td>HD FS 590F</td>
<td>SPL TOP EARLY EDUC</td>
<td>CR. PREREQ: PERMISSION OF INSTRUCTOR. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
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<tr>
<td>HD FS 590G</td>
<td>SPL TOP EARLY SP EDUC</td>
<td>CR. PREREQ: PERMISSION OF INSTRUCTOR. ***** SEE DEPT FOR REFERENCE NUMBERS.</td>
<td></td>
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</table>
### HUMAN DEVELOPMENT & FAMILY STUDIES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Departmental Reference Numbers</th>
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<tbody>
<tr>
<td>HD FS 590I</td>
<td>SP TOP HUMAN, FAMILY</td>
<td>VAR. CR.</td>
<td>PREREQ: PERMISSION OF INSTRUCTOR</td>
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<tr>
<td>HD FS 590M</td>
<td>SPL TOPICS THERAPY</td>
<td>VAR. CR.</td>
<td>PREREQ: PERMISSION OF INSTRUCTOR</td>
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<tr>
<td>HD FS 590N</td>
<td>SPL TOP FAMLY POLICY</td>
<td>VAR. CR.</td>
<td>PREREQ: PERMISSION OF INSTRUCTOR</td>
<td></td>
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<tr>
<td>HD FS 591A</td>
<td>PRACTICUM FAM STUDI</td>
<td>VAR. CR.</td>
<td>PREREQ: 10 GRAD CREDITS</td>
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<tr>
<td>HD FS 591B</td>
<td>PRACTICUM HOUSING</td>
<td>VAR. CR.</td>
<td>PREREQ: 10 GRAD CREDITS</td>
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<tr>
<td>HD FS 591C</td>
<td>PRACTM RESOURCE MGT</td>
<td>VAR. CR.</td>
<td>PREREQ: 10 GRAD CREDITS</td>
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<td>HD FS 591E</td>
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<td>VAR. CR.</td>
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<td>HD FS 591F</td>
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<tr>
<td>HD FS 590C</td>
<td>ADV TOP RESOUR MGT</td>
<td>VAR. CR.</td>
<td>PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D PROG</td>
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<tr>
<td>HD FS 690D</td>
<td>ADV TOP HUMAN DEVEL</td>
<td>VAR. CR.</td>
<td>PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D PROG</td>
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<tr>
<td>HD FS 690E</td>
<td>ADV TOP CHILD DEVEL</td>
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<td>PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D PROG</td>
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<td>HD FS 690F</td>
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<td>PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D PROG</td>
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<td>HD FS 690G</td>
<td>ADV TOP EARLY SP ED</td>
<td>VAR. CR.</td>
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<tr>
<td>HD FS 690H</td>
<td>ADV TOP HUMAN, FAMLY</td>
<td>VAR. CR.</td>
<td>PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D PROG</td>
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<tr>
<td>HD FS 571, 574</td>
<td>EVIDNC BASED THERAP</td>
<td>3 CR.</td>
<td>PREREQ: 571, 574</td>
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<tr>
<td>HD FS 691A</td>
<td>COLLEG TCH INTERNSP</td>
<td>VAR. CR.</td>
<td>PREREQ: PERMISSION OF INSTRUCTOR</td>
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<tr>
<td>HD FS 691B</td>
<td>RESEARCH INTERNSHIP</td>
<td>VAR. CR.</td>
<td>PREREQ: PERMISSION OF INSTRUCTOR</td>
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<td>HD FS 691C</td>
<td>PAM THRPY INTERNSHIP</td>
<td>VAR. CR.</td>
<td>PREREQ: PERMISSION OF INSTRUCTOR</td>
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<tr>
<td>HD FS 699A</td>
<td>RSrch FAMILY STUDIE</td>
<td>VAR. CR.</td>
<td>SATISFACTORY-FAIL ONLY.</td>
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<tr>
<td>HD FS 699B</td>
<td>RESEARCH HOUSING</td>
<td>VAR. CR.</td>
<td>SATISFACTORY-FAIL ONLY.</td>
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<tr>
<td>HD FS 699C</td>
<td>RES FAM RESOUR MGT</td>
<td>VAR. CR.</td>
<td>SATISFACTORY-FAIL ONLY.</td>
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<td>HD FS 699D</td>
<td>RESEARCH HUMAN DEV</td>
<td>VAR. CR.</td>
<td>SATISFACTORY-FAIL ONLY.</td>
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<tr>
<td>HD FS 699E</td>
<td>RESEARCH CHILD DEV</td>
<td>VAR. CR.</td>
<td>SATISFACTORY-FAIL ONLY.</td>
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</table>
**HUMAN DEVELOPMENT & FAMILY STUDIES**

RES EARLY CHLDHD ED  HD FS 699F VAR.  CR.  SATISFACTORY-FAIL ONLY.  
See DEPT for reference numbers

RES EARLY CH SPL ED  HD FS 699G VAR.  CR.  SATISFACTORY-FAIL ONLY.  
See DEPT for reference numbers

RES HUM DEV&FAM STD  HD FS 699I VAR.  CR.  SATISFACTORY-FAIL ONLY.  
See DEPT for reference numbers

RES MAR&FAM THERAPY  HD FS 699M VAR.  CR.  SATISFACTORY-FAIL ONLY.  
See DEPT for reference numbers

RSRCH FAMILY POLICY  HD FS 699N VAR.  CR.  SATISFACTORY-FAIL ONLY.  
See DEPT for reference numbers

**IMMUNOBIOLOGY**

RESEARCH  IMBIO 699 VAR.  CR.  SATISFACTORY-FAIL ONLY.  
See DEPT for reference numbers

**INDUSTRIAL ENGINEERING**

MANUFACT SYSTM ENGR  I E  448  3 CR.  
PREREQ:  248
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6090005  MTWRF  8:40-9:40  
MAY 16-JULY 8

IND STDY MANUFACTRG  I E  490A  1-5 CR.  
PREREQ:  SR CLASSIFICATION, PERMISSION OF INSTR  
See DEPT for reference numbers

IND STD HUMAN FACTR  I E  490B  1-5 CR.  
PREREQ:  SR CLASSIFICATION, PERMISSION OF INSTR  
See DEPT for reference numbers

IND STD OPER RESRCH  I E  490C  1-5 CR.  
PREREQ:  SR CLASSIFICATION, PERMISSION OF INSTR  
See DEPT for reference numbers

IND STD ENTPRSE CMP  I E  490D  1-5 CR.  
PREREQ:  SR CLASSIFICATION, PERMISSION OF INSTR  
See DEPT for reference numbers

INDEP STDY ENGR MGT  I E  490E  1-5 CR.  
PREREQ:  SR CLASSIFICATION, PERMISSION OF INSTR  
See DEPT for reference numbers

INDEP STUDY HONORS  I E  490H  1-5 CR.  
PREREQ:  SR CLASSIFICATION, PERMISSION OF INSTR  
UNIV HONORS PROGRAM MEMBERSHIP  
See DEPT for reference numbers

COOPERATIVE EDUCATN  I E  498  R CR.  
PREREQ:  298, PERMISSION OF DEPARTMENT  
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;  
COLLEGE WILL REGISTER STUDENT
4442005  ARRANGED, MAY 16-AUG 5

ENG ECONOMIC ANALY  I E  305  3 CR.  
PREREQ:  MATH 166
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4425005  MTWRF 11:00-12:00  
MAY 16-JULY 8

SUMMER INTERNSHIP  I E  396  R CR.  
PREREQ:  PERMISSION OF DEPARTMENT  
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;  
COLLEGE WILL REGISTER STUDENT
5813005  ARRANGED, MAY 16-AUG 5

COOPERATIVE EDUCATN  I E  398  R CR.  
PREREQ:  298, PERMISSION OF DEPARTMENT  
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;  
COLLEGE WILL REGISTER STUDENT
4424005  ARRANGED, MAY 16-AUG 5

INTDISCP SYS EFFCFTV  I E  409  3 CR.  
PREREQ:  JUNIOR OR SENIOR CLASSIFICATION  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5998005  A MTWRF 8:30-9:30  
SECT A: MAY 9-20  
MEETS 8:30-4:30 MAY 9-13; MEETS 1-5:30 MAY 16-20
INDUSTRIAL ENGINEERING

SPL TOPICS ENGR MGT I E 590E 1-5 CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP IND ENGR I E 599A VAR. CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER RES I E 599C VAR. CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS I E 690 VAR. CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP I E 697 R CR. SATISFACTORY-FAIL ONLY. 
PREREQ: PERMISSION OF DEPARTMENT 7999005 ARRANGED, MAY 16-AUG 5

INDUS ENGR RESEARCH I E 699A VAR. CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

OPERATION RESEARCH I E 699C VAR. CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL RELATIONS

INTERNSHIP I R 598 1-6 CR. SATISFACTORY-FAIL ONLY. 
PREREQ: GRAD ENROLLMENT IN INDUSTRIAL RELATNS 4492005 ARRANGED, MAY 16-AUG 5

CREATIVE COMPONENT I R 599 3-4 CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH I R 699 1-6 CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL TECHNOLOGY

INTDISCP SYS EFFCTV I TEC 409 3 CR. 
PREREQ: JUNIOR OR SENIOR STANDING AVAILABLE FOR NONMAJOR GRADUATE CREDIT. 5920005 A MTWRF 8:30-5:30 SECT A: MAY 9-20 MEETS 8:30-4:30 MAY 9-13; MEETS 1-5:30 MAY 16-20

INDUS INTERNSHP EXP I TEC 481 2 CR. SATISFACTORY-FAIL ONLY. 
PREREQ: 365, PERMISSION OF INTERN COORDINATOR 
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I TEC 490H 1-5 CR. 
PREREQ: GPA OF 2.5 OR BETTER FOR 2 PRECEDING SEM AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT. UNIVERSITY HONORS PROGRAM MEMBERSHIP. 
******* SEE DEPT FOR REFERENCE NUMBERS

INFORMATION ASSURANCE

INFO ASSURNC INTERN INFAS 697 R CR. SATISFACTORY-FAIL ONLY. 
PREREQ: PERMISSION OF DEPT, GRADUATE CLASSIFICATION 8082005 A ARRANGED SECT A: MAY 16-AUG 5

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CR. 4480005 ARRANGED, MAY 16-AUG 5

THESIS RESEARCH IGS 699 VAR. CR. 4481005 ARRANGED, MAY 16-AUG 5

INTERNATIONAL STUDIES

INTRO INT'L STUDIES INTST 235 3 CR. MEETS INTERNATIONAL PERSPECTIVES REQMT. 9582005 MTWRF 8:40-10:40 JUNE 13-JULY 8

IOWA LAKESIDE LABORATORY

UNDERGRAD INTERNSHIP IA LL 303I 1-5 CR. 
PREREQ: PERMISSION OF INSTRUCTOR, SOPH STANDING PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 3683005 ARRANGED
IOWA LAKESIDE LABORATORY

ECOLOGY IA LL 312I 4 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3707005 MTWF 8:00-5:00
MAY 22-JUNE 17

ORNITHOLOGY IA LL 326I 4 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3721005 MTWF 8:00-5:00
MAY 22-JUNE 17

PLANT TAXONOMY IA LL 367I 4 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3748005 MTWF 8:00-5:00
JUNE 19-JULY 15

INTRO INSECT ECOLGY IA LL 371I 4 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3750005 MTWF 8:00-5:00
JULY 17-AUG 11

WTRSHED HYDROL&SURF IA LL 402I 4 CR.
PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
SCIENCES OR ENGINEERING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
5798005 MTWF 8:00-5:00
MAY 22-JUNE 17

PRAIRIE ECOLOGY IA LL 422I 4 CR.
PREREQ: FAMILIARITY WITH BASIC PRINCIPLES IN
BIOLOGICAL SCIENCES AND ECOLOGY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3810005 MTWF 8:00-5:00
JUNE 19-JULY 15

ARCHAEOLOGY IA LL 427I 4 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3840005 MTWF 8:00-5:00
JUNE 19-JULY 15

UG INDEP STDY IA LL IA LL 490I 1-4 CR.
PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES;
PERMISSION OF INSTRUCTOR
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3984005 ARRANGED

N HIS COMMON INSECT IA LL 493I 1-2 CR.
COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2005
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
5018005 MTWF 8:00-5:00
JUNE 19-24

N HIST FIELD ARCHAE IA LL 493P 1-2 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
5718005 1 MTWRF 8:00-5:00
SECTION 1:JULY 3-8
SECTION 1 OFFERED FOR 1 CREDIT
5718010 2 MTWRF 8:00-5:00
SECTION 2:JULY 10-15
SECTION 2 OFFERED FOR 1 CREDIT
5718015 3 MTWRF 8:00-5:00
SECTION 3:JULY 3-15
SECTION 3 OFFERED FOR 2 CREDITS

ECOSYSTEMS NORTH AM IA LL 494 2-4 CR.
PREREQ: A GENERAL ECOLOGY COURSE, INSTR PERMIS
COURSE ONLY OFFERED FOR 4 CREDITS SUMMER 2005
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3383005 MTWF 8:00-5:00
JUNE 19-JULY 15

UNDERGRAD RESEARCH IA LL 499 1-4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND
PERMISSION OF INSTRUCTOR
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3565005 ARRANGED
IOWA LAKESIDE LABORATORY

FRESHWATER ALGAE IA LL 501I 4 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 3853005 MTWRF 8:00-5:00 MAY 22-JUNE 17

GRADUATE INTERNSHIPS IA LL 503 1-5 CR.
PREREQ: PERMISSION OF INSTRUCTOR & GRADUATE STANDING PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 3859005 ARRANGED

AQUATIC ECOLOGY IA LL 508I 4 CR.
PREREQ: COURSES IN ECOLOGY, CHEMISTRY AND PHYSICS PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 3860005 MTWRF 8:00-5:00 JUNE 19-JULY 15

CONSERVATION BIOLOGY IA LL 531I 4 CR.
PREREQ: 312I PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 4845005 MTWRF 8:00-5:00 JULY 17-AUG 11

ECOL & SYST DIATOMS IA LL 580I 4 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 3888005 MTWRF 8:00-5:00 JUNE 19-JULY 15

RESEARCH - IA LL IA LL 699I 1-4 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY 3965005 ARRANGED

JOURNALISM & MASS COMMUNICATION

REPORT&WRT MASS MD JL MC 201 3 CR.
PREREQ: ENGL 105 (OR TESTOUT); A SCORE OF 26 OR HIGHER ON THE ACT ENGLISH EXAM, 590 OR HIGHER ON THE SAT VERBAL EXAM OR A PASSING SCORE ON THE GREENLEE SCHOOL'S ENGLISH USAGE TEST DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 4658005 1 MTWR 8:40-10:50 SECT 1:MAY 16-JULY 8

REPORT&WRT MASS MD JL MC 202 3 CR.
PREREQ: 201 WITH A C+ OR BETTER 4659005 1 MTWR 12:10-2:20 SECT 1:MAY 16-JULY 8
4659010 2 MTWR 11:00-1:10 SECT 2:MAY 16-JULY 8

PRIN PUBLIC RELATNS JL MC 220 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION 4684005 MTWRF 12:10-2:10 MAY 16-JUNE 10

MULTIMEDIA PRODUCTN JL MC 315 3 CR.
PREREQ: 342L OR 343L OR EQUIV COMPUTER DESIGN PROFICIENCY 4663005 1 MTWR 5:00-7:00PM SECT 1:JUNE 27-AUG 5 ADDITIONAL ARRANGED DATES MAY BE SCHEDULED

VISUAL PRIN MASS CM JL MC 342 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION 4673005 1 MTWR 12:10-2:10 SECT 1:MAY 16-JUNE 10

LAB BAS VISUAL PRIN JL MC 342L 3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 342 5325005 1 MTWR 2:30-4:40 ARRANGED SECT 1:MAY 16-JUNE 24

MASS COMMUNICAT LAW JL MC 460 3 CR.
PREREQ: 201, JUNIOR CLASSIFICATION AVAILABLE FOR NONMAJOR GRADUATE CREDIT. 4668005 1 MTWR 9:50-11:30 SECT 1:JUNE 27-AUG 5

COMM TECH&SOC CHANG JL MC 474 3 CR.
PREREQ: JUNIOR CLASSIFICATION MEETS INTERNATIONAL PERSPECTIVES REQMT. 4692005 1 MTWRF 8:40-10:40 SECT 1:JUNE 13-JULY 8

IND STD BOOK PUBLSH JL MC 490A VAR. CR.
PREREQ: JUNIOR CLASSIFICATION NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING * * * * * * * SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELEC MEDIA JL MC 490B VAR. CR.
PREREQ: JUNIOR CLASSIFICATION NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING * * * * * * * SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY MAGAZINE JL MC 490C VAR. CR.
PREREQ: JUNIOR CLASSIFICATION NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING * * * * * * * SEE DEPT FOR REFERENCE NUMBERS
JOURNALISM & MASS COMMUNICATION

IND STUDY NEWSPAPER  JL MC 490D VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD ADVERTISING  JL MC 490E VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD COMM TECHNL  JL MC 490F VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY EDUCATION  JL MC 490G VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDT STUDY HONORS  JL MC 490H VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY MEDIA MGT  JL MC 490I VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD PUB OPINION  JL MC 490K VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD VISUAL COMM  JL MC 490L VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD CONTEMP ISS  JL MC 490M VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY ETHICS  JL MC 490N VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

JOURNALISM & MASS COMMUNICATION

IND STD SPECIAL COMM  JL MC 4900 VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L COMM  JL MC 490P VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENT STUDY LAW  JL MC 490R VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD PUB AFFAIRS  JL MC 490S VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD RES METHODS  JL MC 490T VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD DOCUMENTARY  JL MC 490U VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD PERSUASION  JL MC 490V VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD PUB AFFAIRS  JL MC 490W VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY INTERNET  JL MC 490Y VAR.  CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
******* SEE DEPT FOR REFERENCE NUMBERS

PROFES MEDIA INTERN  JL MC 499 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 202 OR 206 OR ADVRT 301, JUNIOR CLASSIFICATION AND ADVISER'S FORMAL APPROVAL OF WRITTEN PROPOSAL.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
**JOURNALISM & MASS COMMUNICATION**

**SP TOP MEDIA STUDIES** JL MC 590A VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR

**SPL TOP PRO SPCLIZ** JL MC 590B VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR

**SPCL TOPCS RESEARCH** JL MC 590C VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR

**SP TOP TECHNQ&STYLE** JL MC 590D VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR

**SP TOP SPLZ COMMUNC** JL MC 590E VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR

**PROFESNL INTERNSHIP** JL MC 591 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR

**THSIS RSRCH/CRTV CM** JL MC 599 VAR. CR.
PREREQ: APPROVED PROPOSAL

**LANDSCAPE ARCHITECTURE**

**LAND ARCH INTERNSHIP** LA 451A R CR.
PREREQ: 450, DSN S 301, PERMISN OF ADVISOR & CHAIR
3036005 1 ARRANGED
SECT 1: MAY 16-AUG 5

**L ARCH STUDY ABROAD** LA 451B R CR.
PREREQ: 450, DSN S 301, PERMISSION OF ADVISOR AND DEPT CHAIR
6212005 ARRANGED, MAY 16-AUG 5

**L A NAT'L STD XCHNG** LA 451C R CR.
PREREQ: 450, DSN S 301, PERMISSION OF ADVISOR AND DEPT CHAIR
6213005 ARRANGED, MAY 16-AUG 5

**INTRODUCTION TO GIS** LA 461I 4 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY
8068005 MTWR 8:00-5:00
MAY 22-JUNE 17

**IND STDY LAND DSIGN** LA 490A 1-4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

**LANDSCAPE ARCHITECTURE**

**IND STDY PLNTNG DSN** LA 490B 1-4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

**IND STUDY CONSTRUCT** LA 490C 1-4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

**INDEP STUDY HISTORY** LA 490D 1-4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

**IND STD LANDSC PLAN** LA 490E 1-4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

**IND STDY URBAN DSGN** LA 490F 1-4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

**INDEP STDY GRAPHICS** LA 490G 1-4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

**INDEP STUDY HONORS** LA 490H 1-4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM MEMBERSHIP IN UNIV HONORS PROGRAM INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
LANDSCAPE ARCHITECTURE

IND STDY ECO DESIGN  L A   490L  1- 4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ’D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

THESIS, CRTV CMP, TUT  L A   580  1- 4 CR.
PREREQ: PERMISSION OF MAJOR PROFESSOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC DSGN  L A   590A  1- 4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ’D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN  L A   590B  1- 4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ’D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN  L A   590C  1- 4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ’D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY  L A   590D  1- 4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ’D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC PLAN  L A   590E  1- 4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ’D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSIGN  L A   590F  1- 4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ’D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS  L A   590G  1- 4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ’D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS HONORS  L A   590H  1- 4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ’D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

SPL TOP INTERDISCIP  L A   590I  1- 4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ’D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT’L STUDI  L A   590J  1- 4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ’D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPT APPL  L A   590K  1- 4 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ’D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  L A   599  VAR. CR.
PREREQ: PERMISSION OF MAJOR PROFESSOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH  L A   699  VAR. CR.
PREREQ: PERMISSION OF PROFESSOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

LATIN

INDEPENDENT STUDY  L A   490  1- 6 CR.
PREREQ: 6 CR IN LATIN; PERMISSION OF DEPT CHAIR
NO MORE THAN 9 CREDITS IN LATIN 490 MAY BE
APPLIED TOWARD GRADUATION
PERMISSION OF DEPARTMENT CHAIR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

LIBERAL ARTS & SCIENCES

INTR U.S. LATINO ST  L A   211  3 CR.
MEETS U.S. DIVERSITY & INTL PERSPECTIVES REQMT.
2890005  1 MTWR 9:50-11:10
SECT 1: JUNE 27-AUG 5

SPECIAL PROBLEMS  L A   290  1- 3 CR.
PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION;
PERMISSION OF LAS DEAN
PERMISSION OF LAS ASSOC DEAN ZORA ZIMMERMAN
REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN
10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS
LIBERAL ARTS & SCIENCES

SPL PROBL CATT CNTR LAS 290G 1-3 CR.
PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION, PERMISSION OF THE DIRECTOR OF THE CATT CENTER, PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 298 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF LAS ADVISING AND CAREER SERVICES, SOPHOMORE CLASSIFICATION, PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 398 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF LAS ADVISING AND CAREER SERVICES, JUNIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY LAS 490 VAR. CR.
PREREQ: PERMISSION OF THE DEAN OF THE LAS COLLEGE, PERMISSION OF LAS ASSOC DEAN ZORA ZIMMERMAN REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL. NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED TOWARD GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR LAS 490G VAR. CR.
PREREQ: PERMISSION OF DIRECTOR OF CATT CENTER COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2005, PERMISSION OF INSTRUCTOR REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL. NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED TOWARD GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 498 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF LAS ADVISING AND CAREER SERVICES, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
******* SEE DEPT FOR REFERENCE NUMBERS

LIBRARY

LIB INSTRUCTION LIB 160 .5 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: STUDENTS WHOSE NATIVE LANGUAGE IS NOT ENGLISH MUST COMPLETE ENGLISH 101 REQUIREMENT.
4862020 1 TR 1:20-2:20
SECT 1:JUNE 13-JULY 8
4862010 2 MW 11:00-12:00
SECT 2:JUNE 13-JULY 8
4862015 3 TR 11:00-12:00
SECT 3:JUNE 13-JULY 8

LINGUISTICS

DESCRP ENGL GRAMMAR LING 220 3 CR.
PREREQ: ENGL 105
8594005 A MTWRF 9:50-10:50
SECT A:JUNE 13-AUG 5

BASIC SIGN LANGUAGE LING 286 3 CR.
MEETS U.S. DIVERSITY REQMT.
8597005 A MTWRF 8:40-10:40
SECT A:MAY 16-JUNE 10
8597010 B MTWRF 11:00-1:00
SECT B:MAY 16-JUNE 10

IND STD LINGUISTICS LING 490B VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE TO THE SECTION TAKEN, JR CLASSIFICATION, PERMISSION OF THE UNDERGRADUATE STUDIES COMMITTEE; DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
******* SEE DEPT FOR REFERENCE NUMBERS

INTR LINGUIST ANALY LING 511 3 CR.
PREREQ: 3 CREDITS IN LINGUISTICS
8616005 A MW 8:40-12:00
SECT A:JUNE 27-AUG 5

SOCIOLINGUISTICS LING 514 3 CR.
PREREQ: 3 CREDITS IN LINGUISTICS
8619005 A TR 2:30-5:50
SECT A:JUNE 27-AUG 5

SPECIAL TOPICS LING 590 1-5 CR.
PREREQ: 10 CR IN ANTHR; SR OR GRAD CLASSIFICATION COURSE RESTRICTED TO GRADUATE STUDENTS ONLY, INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
******* SEE DEPT FOR REFERENCE NUMBERS

LIBRARY

LIB INSTRUCTION LIB 160 .5 CR.
4862020 1 TR 1:20-2:20
SECT 1:JUNE 13-JULY 8

MANAGEMENT

MANAGMT ORGANIZTNS MGMT 370 3 CR.
PREREQ: ECON 101 COURSE NOT OPEN TO P BUS MAJORS, PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5282005 A1 MTWRF 7:30-9:30
SECT A1:MAY 16-JUNE 10
SECTION A1 RESTRICTED TO ACCT, BUS S, BUS U, FIN, MGMT, MIS, MKT, POM, TRLOG MAJORS ONLY
5282010 A2 MTWRF 7:30-9:30
SECT A2:MAY 16-JUNE 10
SECTION A2 FOR COLLEGES OTHER THAN BUSINESS
MANAGEMENT

STRATEGIC MANAGEMENT MGMT 478 3 CR.
PREREQ: 370, POM 320, FIN 301, MKT 340, TRLOG 360, ACCT 285, GRADUATING SENIOR
COURSE RESTRICTED TO SENIORS GRADUATING SUMMER 2005 IN THE COLLEGE OF BUSINESS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5294005 A MTWRF 9:50-11:50
5294025 B MTWRF 7:30-9:30
5294015 C MTWRF 7:30-9:30

INDEPENDENT STUDY MGMT 490 1- 3 CR.
PREREQ: 370, SR CLASSIFICATION, INSTR PERMISS
COURSE NOT OPEN TO GRADUATE STUDENTS
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS MGMT 590 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT INFORMATION SYSTEMS

MGMT INFO SYSTEMS MIS 330 3 CR.
PREREQ: COM S 103
COURSE NOT OPEN TO GRADUATE STUDENTS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
4394005 A MTWRF 7:30-9:30
SECT A: MAY 16-JUNE 10

INFO SYST ANALYSIS MIS 432 3 CR.
PREREQ: 330, COM S 201
COURSE RESTRICTED TO MIS MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5289005 A MTWRF 12:10-2:10
SECT A: JUNE 13-JULY 8

DATABASE MGT SYSTMS MIS 433 3 CR.
PREREQ: 331
COURSE RESTRICTED TO MIS MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5289005 A MTWRF 12:10-2:10
SECT A: JUNE 13-JULY 8

ELECTRONIC COMMERCE MIS 434 3 CR.
PREREQ: 330, MKT 340, TRLOG 360
COURSE RESTRICTED TO BUSINESS COLLEGE MAJORS ONLY
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
7405005 MTWRF 9:50-11:50
JULY 11-AUG 5

MARKETING

PRIN OF MARKETING MKT 340 3 CR.
PREREQ: ECON 101
COURSE NOT OPEN TO P BUS MAJORS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5352005 A1 MTWRF 9:50-11:50
SECT A1: MAY 16-JUNE 10
SECTION A1 RESTRICTED TO ACCT, BUS S, BUS U, FIN, MKT, MIS, POM, TRLOG MAJORS ONLY
5352010 A2 MTWRF 9:50-11:50
SECT A2: MAY 16-JUNE 10
SECTION A2 FOR COLLEGES OTHER THAN BUSINESS

STRATEGIC MKTNG MGT MKT 443 3 CR.
PREREQ: 444, 447
COURSE RESTRICTED TO MKT SENIORS GRADUATING SUMMER OR FALL 2005
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5358005 A MTWRF 9:50-11:50
SECT A: JULY 11-AUG 5

FUND MARKTG RSEARCH MKT 444 3 CR.
PREREQ: 340, STAT 226
COURSE RESTRICTED TO MKT MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5359005 A MTWRF 9:50-11:50
SECT A: MAY 16-JUNE 10
MARKETING

INDEPENDENT STUDY MKT 490 1-3 CR.
PREREQ: 340, SR CLASSIFICATION; INSTRUCTOR PERMISSION
COURSE NOT OPEN TO GRADUATE STUDENTS
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

CONSUMER BEHAVIOR MKT 547 3 CR.
PREREQ: 504
COURSE RESTRICTED TO BUSAD MAJORS ONLY
7170005 SS 8:30-4:30
SECT S: MAY 7-JUNE 18

SPECIAL TOPICS MKT 590 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

MATERIALS ENGINEERING

PRIN MATRLS SCI&ENG MAT E 272 2 CR.
PREREQ: CHEM 167 OR 177
6394005 MTWRF 8:40-9:50
MAY 16-JUNE 21

COORDINATE EDUC MAT E 298 R CR.
PREREQ: PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
5023005 ARRANGED, MAY 16-AUG 5

SUMMER INTERNSHIP MAT E 396 R CR.
PREREQ: PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
6687005 ARRANGED, MAY 16-AUG 5

COORDINATE EDUC MAT E 398 R CR.
PREREQ: 298, PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
5052005 ARRANGED, MAY 16-AUG 5

MICROELEC FABRICATN MAT E 432 4 CR.
PREREQ: 332
MATERIALS AND EQUIPMENT USE FEE $250.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6677005 1 ARRANGED
SECT 1: JUNE 13-AUG 5
INSTRUCTOR PERMISSION REQUIRED;
PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

INDEPENDENT STUDY MAT E 490 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

COORDINATE EDUC MAT E 498 R CR.
PREREQ: 398, PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
5066005 ARRANGED, MAY 16-AUG 5

MATERIALS SCIENCE & ENGINEERING

TECHNLG FOR TEACHR M S E 570 2 CR.
8315005 MTWRF 8:30-11:30
MAY 16-JUNE 30

SPECIAL TOPICS M S E 590 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS MATRL SC M S E 690 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

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

MATHEMATICS

HIGH SCHOOL ALGEBRA MATH 10 0 CR.
SATISFACTORY-FAIL ONLY.
DEVELOPMENTAL MATH FEE APPLIES. SEE FEES INFO AT
HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEES/FEEINFO.HTML
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5115005 A MTWRF 8:15-9:45
SECT A: JUNE 13-AUG 5

COLLEGE ALGEBRA MATH 140 3 CR.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT
EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
CREDIT FOR EITHER MATH 140 OR MATH 149, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. MATH
140 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
5132005 A MTWRF 9:50-11:10
SECT A: JUNE 13-AUG 5

TRIGONOMETRY MATH 141 2 CR.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT
EXAM, 2 YRS OF HS ALGEBRA; 1 YR OF HS GEOMETRY
MAY BE TAKEN CONCURRENTLY WITH 140.
CREDIT FOR EITHER MATH 141 OR MATH 142, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. MATH
141 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
5133005 A MTWRF 8:40-9:40
SECT A: MAY 16-JUNE 24
5133015 B MTWRF 8:40-9:40
SECT B: JUNE 13-JULY 22

TRIG&ANALYZ GEOMETRY MATH 142 3 CR.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT
EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY,
OR ENROLLMENT IN MATH 140. MAY BE TAKEN CONCURRENTLY
WITH 140.
CREDIT FOR EITHER MATH 141 OR MATH 142, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. MATH
142 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
5134005 A MTWRF 8:40-9:40
SECT A: MAY 16-JULY 8
5134015 B MTWRF 8:40-9:40
SECT B: JUNE 13-AUG 5
MATHEMATICS

DISC MATH BUS&SOC SCI MATH 150 3 CR.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 150 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
5135005 A1 ARRANGED, M 9:50-10:50
R 9:50-10:50
SECT A1:MAY 16-JULY 8
SEC A1 LECTURE IS DELIVERED VIA WORLD WIDE WEB.
THE SCHEDULED HOUR IS FOR LAB SESSIONS ONLY.

BUS & SOC SCI CALC MATH 151 3 CR.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151,
150, 165-166, 175-176, 181-182. CREDIT EARNED IN MATH 151 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
5136005 A MTWRF 9:50-10:50
SECT A:MAY 16-JULY 8
5136010 B MTWRF 9:50-10:50
SECT B:JUNE 13-AUG 5

CALCULUS I MATH 165 4 CR.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF GEOMETRY,
1 SEMESTER OF TRIG OR ENROLLMENT IN 141 OR 142
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151,
160, 165-166, 175-176, 181-182
5138005 A MTWRF 8:40-10:00
SECT A:MAY 16-JULY 8
5138010 B MTWRF 8:40-10:00
SECT B:JUNE 13-AUG 5
5138015 C MTWRF 9:50-11:15
SECT C:JUNE 13-AUG 5
SECTION C IS FOR APEX PROGRAM

CALCULUS II MATH 166 4 CR.
PREREQ: GRADE OF C- OR BETTER IN 165, 165H, OR 175 OR HIGH MATH PLACEMENT SCORES
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151,
160, 165-166, 175-176, 181-182
5139005 A1 MTWRF 11:00-12:20
SECT A1:MAY 16-JULY 8
5139010 A2 MTWRF 11:00-12:20
SECT A2:MAY 16-JULY 8
5139015 B1 MTWRF 11:00-12:20
SECT B1:JUNE 13-AUG 5

THEORY OF MATRICES MATH 307 3 CR.
PREREQ: 2 SEMESTERS OF CALCULUS
CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5161005 A MTWRF 9:50-10:50
SECT A:MAY 16-JULY 8
5161010 B MTWRF 9:50-10:50
SECT B:JUNE 13-JULY 8

ADVANCED CALCULUS MATH 414 3 CR.
PREREQ: 201 OR 176; 265; 307 OR 317
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5171005 MTWRF 9:50-10:50
SECT A:MAY 16-JULY 8

ADV CALC APPLIED MATH MATH 465 4 CR.
PREREQ: 265
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5178005 MTWRF 12:10-1:30
SECT A:MAY 16-JULY 8
MATHEMATICS

NUMRC SOL DIFF EQUA MATH 481 3 CR.
PREREQ: 265 AND EITHER 266 OR 267; KNOWLEDGE OF FORTRAN OR C
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5180005 MTWRF 11:00-12:00
MAY 16-JULY 8

INDEPENDENT STUDY MATH 490 1-3 CR.
PREREQ: 301 OR 317; 6 CREDITS IN MATH
NO MORE THAN 9 CREDITS OF MATH 490 MAY BE COUNTED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5182005 ARRANGED, MAY 16-AUG 5

INDEPENDENT STUDY HONORS MATH 490H 1-3 CR.
PREREQ: 301 OR 317; 6 CREDITS IN MATH, MEMBERSHIP IN UNIV HONORS PROGRAM
NO MORE THAN 9 CREDITS OF MATH 490 MAY BE COUNTED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5183005 ARRANGED, MAY 16-AUG 5

INTRO REAL ANALYSIS MATH 501 3 CR.
PREREQ: 265 AND 307 OR 317
7394005 MTWRF 9:50-10:50
MAY 16-JULY 8

NUM SOLUTN DIFF EQ MATH 507 3 CR.
PREREQ: 481 OR 465 OR 415; KNOWLEDGE OF FORTRAN OR C
5188005 MTWRF 11:00-12:00
MAY 16-JULY 8

SPECIAL TOPICS MATH 590 VAR. CR.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5229005 ARRANGED, MAY 16-AUG 5

CREATIVE COMPONENT MATH 599 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR MATH 610 VAR. CR.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5231005 ARRANGED, MAY 16-AUG 5

RESEARCH MATH 699 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

ENGR THERMODYNAMS I M E 231 3 CR.
PREREQ: MATH 265, CHEM 167, PHYS 222
COURSE RESTRICTED TO M E, A E, AER E, C E, CON E, E SCI MAJORS ONLY. CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT BOTH, MAY APPLY TOWARD GRADUATION.
4877005 A MTWRF 9:50-10:50
SECT A: MAY 16-JULY 8

ENGR THERMODYNAMS II M E 332 3 CR.
PREREQ: 231
COURSE RESTRICTED TO M E MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4878005 1 MTWRF 12:10-1:10
SECT 1: MAY 16-JULY 8

SUMMER INTERNSHIP M E 396 R CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED; COLLEGE WILL REGISTER STUDENT
7254005 ARRANGED, MAY 16-AUG 5

COOPERATIVE EDUC M E 398 R CR.
PREREQ: 298, PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED; COLLEGE WILL REGISTER STUDENT
4884005 ARRANGED, MAY 16-AUG 5

IND STD MEAS & INST M E 490C 1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD HEAT TRANSF M E 490D 1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD FLUID POWER M E 490E 1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN & SYS M E 490F 1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS
<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Additional Info</th>
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<td>ME 498</td>
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<td>R CR.</td>
<td>298, PERMISSION OF DEPARTMENT</td>
<td>PERMISSION OF ADVISER &amp; CAREER SERVICES REQUIRED; COLLEGE WILL REGISTER STUDENT 4918005 ARRANGED, MAY 16-AUG 5</td>
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<td>ME 590A</td>
<td>SPL TOP EXP GAS DYN</td>
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<td>1-8 CR.</td>
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<td>ME 590F</td>
<td>SP TOP VEHIC PROPUL</td>
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<td>ME 590G</td>
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<td>1-8 CR.</td>
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<td>ME 590H</td>
<td>SPL TOP AUTO CONTRL</td>
<td>1-8 CR.</td>
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<td>SPL TOP ENVIR &amp; DSGN</td>
<td>1-8 CR.</td>
<td></td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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**MECHANICAL ENGINEERING**

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<td>ME 590K</td>
<td>SPL TOP MATLS BEHAV</td>
<td>1-8 CR.</td>
<td>SENIOR CLASSIFICATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>ME 590L</td>
<td>SPL TOP MFG PROCESS</td>
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<td>1-8 CR.</td>
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<td>ME 590O</td>
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<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>VAR. CR.</td>
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<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>SENIOR CLASSIFICATION</td>
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<td>VAR. CR.</td>
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<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>ME 690J</td>
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<td>VAR. CR.</td>
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<td>VAR. CR.</td>
<td>SENIOR CLASSIFICATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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</table>
## MECHANICAL ENGINEERING

**ADV TOP SENSTV METH**  
M E  690N  VAR. CR.  
******  SEE DEPT FOR REFERENCE NUMBERS  

**ADV TOP ENGR COMPUT**  
M E  690O  VAR. CR.  
******  SEE DEPT FOR REFERENCE NUMBERS  

**ADV TOP ENGR MEASUR**  
M E  690P  VAR. CR.  
******  SEE DEPT FOR REFERENCE NUMBERS  

**ADV TOP LIT INVESTG**  
M E  690Q  VAR. CR.  
******  SEE DEPT FOR REFERENCE NUMBERS  

**ENGINEERG INTERNSHP**  
M E  697  R CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: PERMISSION OF DIRECTOR OF GRADUATE EDUCATION, GRAD CLASSIFICATION  
8151005  ARRANGED, MAY 16-AUG 5  

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

## METEOROLOGY

**INTRO METEOROLOGY**  
MTEOR 206  3 CR.  
5375005  1 ARRANGED  
SECT 1: MAY 16-AUG 5  

**COOPERATIVE EDUCATN**  
MTEOR 298  R CR.  
PREREQ: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHMORE CLASSIFICATION  
4813005  ARRANGED, MAY 16-AUG 5  

**METEOROL INTERNSHIP**  
MTEOR 321  1- 2 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: 311; JR OR SR STANDING; PERMISSION OF COOP PROGRM COORD; ACCEPTANCE BY SPONSORING AGENCY  
5381005  ARRANGED, MAY 16-AUG 5  

**COOPERATIVE EDUCATN**  
MTEOR 398  R CR.  
PREREQ: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
4823005  ARRANGED, MAY 16-AUG 5  

**IND STUDY SYNOPTIC**  
MTEOR 490A  1- 3 CR.  
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION  
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION  
8424005  ARRANGED, MAY 16-AUG 5  

**IND STUDY DYNAMIC**  
MTEOR 490B  1- 3 CR.  
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION  
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION  
8425005  ARRANGED, MAY 16-AUG 5  

**IND STUDY PHYSICAL**  
MTEOR 490C  1- 3 CR.  
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION  
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION  
8426005  ARRANGED, MAY 16-AUG 5  

**SPL TOP BOUND-LAYER**  
MTEOR 590A  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8427005  ARRANGED, MAY 16-AUG 5  

**SPL TOPICS TROPICAL**  
MTEOR 590B  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8429005  ARRANGED, MAY 16-AUG 5  

**SPL TOPCS MESOSCALE**  
MTEOR 590C  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8430005  ARRANGED, MAY 16-AUG 5  

**SPL TOP GLOBAL SYST**  
MTEOR 590D  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8431005  ARRANGED, MAY 16-AUG 5  

**SPL TOPC CLIM MODEL**  
MTEOR 590E  1- 3 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: PERMISSION OF INSTRUCTOR  
8432005  ARRANGED, MAY 16-AUG 5  

**SPL TOP NUMERI PRED**  
MTEOR 590F  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8433005  ARRANGED, MAY 16-AUG 5  

**SPL TOP SATEL OBSRV**  
MTEOR 590G  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8434005  ARRANGED, MAY 16-AUG 5  

**SPL TOP STAT METHDS**  
MTEOR 590H  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8435005  ARRANGED, MAY 16-AUG 5  

**SPL TOP FIELD OBSRV**  
MTEOR 590I  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8437005  ARRANGED, MAY 16-AUG 5  

**SPL TOP LOW FREQ MD**  
MTEOR 590J  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
1230005  ARRANGED, MAY 16-AUG 5  

**SPL TOPC CLOUD PHYS**  
MTEOR 590K  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
3901005  ARRANGED, MAY 16-AUG 5  

**SPL TOP ATMOS RADIA**  
MTEOR 590L  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
3904005  ARRANGED, MAY 16-AUG 5
METEREOLOGY

RESEARCH MTEOR 699 VAR. CR.
****** SEE DEPT FOR REFERENCE NUMBERS

MICROBIOLOGY

GENERAL MICROBIOLOGY MICRO 201 2 CR.
PREREQ: ONE SEMESTER OF COLLEGE-LEVEL BIOLOGY
5305005 MWF 9:50-11:00
MAY 16-JUNE 24

INDEPENDENT STUDY MICRO 490 1-5 CR.
PREREQ: A MINIMUM OF 6 CR HOURS OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, PERMISSION OF INSTRUCTOR
A MAXIMUM OF 6 CREDITS OF MICRO 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP MICRO 495 1-2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: AT LEAST 6 CREDITS OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, APPROVAL OF ACADEMIC ADVISOR
9679005 ARANGED, MAY 16-AUG 5

INDEPENDENT STUDY MICRO 699 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

MILITARY SCIENCE

PRA BASIC MIL SKILL M S 210 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF PROFESSOR OF M S
NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL COURSES MAY BE APPLIED TOWARD GRADUATION
5001005 1 ARANGED MEYER H
SECTION 1: DATES TO BE ANN.

INDEPENDENT STUDY M S 290 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL COURSES MAY BE APPLIED TOWARD GRADUATION
8153005 ARANGED, MAY 16-AUG 5 MEYER H

INDEPENDENT STUDY M S 490 1 CR.
PREREQ: 402, PERMISSION OF THE PROFESSOR OF M S
9598005 ARANGED, MAY 16-AUG 5 MEYER H

MOLECULAR CELLULAR DEV BIOLOGY

GRAD RESRCH ROTATN MCDB 697 1-6 CR.
SATISFACTORY-FAIL ONLY.
7278005 ARANGED
MAY 16-JULY 8

RESEARCH MCDB 699 VAR. CR.
****** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

INTR MUSIC LISTEN I MUSIC 102 3 CR.
MATERIALS FEE $10.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
5406005 A MWF 9:50-11:50
SECTION A: JUNE 13-JULY 8
5406010 B ARRANGED
SECTION B: MAY 16-AUG 5
COURSE DELIVERY IS WWW

APPLIED MUSIC VOICE MUSIC 118A 1-2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $90.00-$130.00
****** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1-2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $90.00-$130.00
****** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 119A 1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $90.00-$130.00
****** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE $90.00-$130.00
****** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE $90.00-$130.00
****** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON MUSIC 119E 1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE $90.00-$130.00
****** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND MUSIC 119F 1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE $90.00-$130.00
****** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE $90.00-$130.00
****** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 219A 1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $90.00-$130.00
****** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 219B 1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE $90.00-$130.00
****** SEE DEPT FOR REFERENCE NUMBERS
MUSIC

APPLIED MUSIC CARILLON  MUSIC 219E  1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND  MUSIC 219F  1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS  MUSIC 219G  1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS

MUSIC IN ELEM EDUC  MUSIC 265  3 CR.
PREREQ: HD FS 226 OR PSYCH 230
7209005 A MTWRF 9:50-11:50
SECT A: MAY 16-JUNE 10
7209010 B MTWRF 1:20-3:20
SECT B: MAY 16-JUNE 10

SPECIAL PROB EDUCATION  MUSIC 290A VAR. CR.
PREREQ: INST PERMSN, 12 CR MUSIC, DEPT HEAD APPRV
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY  MUSIC 290B VAR. CR.
PREREQ: INST PERMSN, 12 CR MUSIC, DEPT HEAD APPRV
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP prob composition  MUSIC 290C VAR. CR.
PREREQ: INST PERMSN, 12 CR MUSIC, DEPT HEAD APPRV
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB LITERATURE  MUSIC 290E VAR. CR.
PREREQ: INST PERMSN, 12 CR MUSIC, DEPT HEAD APPRV
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB APPLIED MUSIC  MUSIC 290F VAR. CR.
PREREQ: INST PERMSN, 12 CR MUSIC, DEPT HEAD APPRV
PROFESSIONAL SUPPORT FEE $196.00-$245.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS  MUSIC 290H VAR. CR.
PREREQ: DEPT CHAIR APPROVAL, HONORS PROG MEMBER
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

MUSIC

APPLIED MUSIC VOICE  MUSIC 319A  1-3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO  MUSIC 319B  1-3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON  MUSIC 319E  1-3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND  MUSIC 319F  1-3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS  MUSIC 319G  1-3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY PIANO  MUSIC 417B  1-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2005
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE  MUSIC 419A  1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO  MUSIC 419B  1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON  MUSIC 419E  1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND  MUSIC 419F  1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS  MUSIC 419G  1-3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2005
APPLIED MUSIC FEE  $90.00-$130.00
******* SEE DEPT FOR REFERENCE NUMBERS
MUSIC

INDEPENDENT STUDY EDUCATION MUSIC 490A VAR. CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
NO MORE THAN 9 CREDITS OF MUSIC 490 MAY BE APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THEORY MUSIC 490B VAR. CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
NO MORE THAN 9 CREDITS OF MUSIC 490 MAY BE APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY COMPOSITION MUSIC 490C VAR. CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
NO MORE THAN 9 CREDITS OF MUSIC 490 MAY BE APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HISTORY MUSIC 490D VAR. CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
NO MORE THAN 9 CREDITS OF MUSIC 490 MAY BE APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY LITERATURE MUSIC 490E VAR. CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
NO MORE THAN 9 CREDITS OF MUSIC 490 MAY BE APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS EDUCATION MUSIC 590A VAR. CR.
PREREQ: INSTRUCTOR PERMISSION; DEPT CHAIR APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THEORY MUSIC 590B VAR. CR.
PREREQ: INSTRUCTOR PERMISSION; DEPT CHAIR APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS COMPOSITION MUSIC 590C VAR. CR.
PREREQ: INSTRUCTOR PERMISSION; DEPT CHAIR APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LITERATURE MUSIC 590E VAR. CR.
PREREQ: INSTRUCTOR PERMISSION; DEPT CHAIR APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS APPLIED MUSIC MUSIC 590F VAR. CR.
PREREQ: INSTRUCTOR PERMISSION; DEPT CHAIR APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

INTERNSHIP NREM 303 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR, SOPH STANDING
A TOTAL OF 6 CREDITS OF NREM 303 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ANIMAL ECO NREM 490A 1-4 CR.
PREREQ: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
A MAXIMUM OF 6 CREDITS OF A ECL 490/NREM 490 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY FORESTRY NREM 490B 1-4 CR.
PREREQ: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
A MAXIMUM OF 6 CREDITS OF FORESTRY 490/NREM 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS NREM 490H 1-4 CR.
PREREQ: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
A MAXIMUM OF 6 CREDITS OF A ECL/FOR/NREM 490 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNATIONAL TRAVEL NREM 496A 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
FIELD TRIPS & TRAVEL FEE $0.00-$20.00
2596500 CR ARRANGED PEASE J
SECTION CR MAY 15-MAY 28
'ECOLOGICAL AND FOOD SYSTEMS INTERACTIONS IN COSTA RICA'
STUDY ABROAD EXPERIENCE. OFFICED FOR 3 CREDITS
NATURAL RESOURCE ECOLOGY AND MGMT

INTRO DNA TECHNIQS NREM 542A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
3744005 MTRF 1:00-2:00
MTRF 2:00-4:00
JUNE 13-28

INTR PROTEIN TECHNQ NREM 542B 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
3806005 MTRF 1:00-2:00
MTRF 2:00-4:00
JULY 7-22

SPL TOPCS ANIML ECO NREM 590A 1- 4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FORESTRY NREM 590B 1- 4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

INTERNATNAL TRAVEL NREM 596A 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
FIELD TRIPS & TRAVEL FEE 0.00-$20.00
2605500 CR ARRANGED PEASE J
SECT CR:MAY 15-MAY 28
SECTION CR TAUGHT IN COSTA RICA.
'ECOLOGICAL AND FOOD SYSTEMS INTERACTIONS IN COSTA RICA' STUDY ABROAD EXPERIENCE. OFFICED FOR 3 CREDITS

CREATIVE COMPONENT NREM 599 VAR. CR.
******** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH NREM 699 1- 9 CR.
******** SEE DEPT FOR REFERENCE NUMBERS

NEUROSCIENCE

RESEARCH NEURO 699 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

PERFORMING ARTS

PERFRM ARTS SEMINAR PERF 401 2 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3706005 ARRANGED MAY 16-JULY 8

PEST MANAGEMENT

INDEPENDENT STUDY P M 490 1- 3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION, 3 CR IN P M, PERMISSION OF INSTRUCTOR, & WRITTEN PLAN OF STUDY APPROVED BY P M CURRICULUM CHAIR A MAXIMUM OF 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 5821005 ARRANGED, MAY 16-AUG 5

PEST MANAGEMENT

PEST MGT EXPERIENCE P M 491 2 CR.
PREREQ: 6 CR IN P M, PERMISSION OF INSTRUCTOR INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 5822005 ARRANGED, MAY 16-AUG 5

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CR.
5824005 A MTWF 9:50-11:50
SECT A:MAY 16-JUNE 10
5824010 B MTWF 8:40-10:40
SECT B:JULY 11-AUG 5

MORAL THEOR&PRACTICE PHIL 230 3 CR.
5827005 A MTWF 12:10-2:10
SECT A:MAY 16-JUNE 10
5827010 B MTWF 8:40-10:40
SECT B:JULY 11-AUG 5
5827015 C MTWF 9:50-11:10
SECT C:MAY 16-JUNE 24
5827020 D MTWF 8:40-10:40
SECT D:JUNE 13-JULY 8

PHIL OF TECHNOLOGY PHIL 343 3 CR.
PREREQ: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341 AND 3 CREDITS OF SOCIAL SCIENCE AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7343005 A MTWF 9:50-11:10
SECT A:MAY 16-JUNE 24

INDEPENDENT STUDY PHIL 490 1- 4 CR.
PREREQ: 6 CREDITS IN PHIL, PERMISSION OF INSTR, APPROVAL OF CHAIR NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHIL 490H 1- 4 CR.
PREREQ: 6 CREDITS IN PHIL, PERMISSION OF INSTR, APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION
******** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY PHIL 590A 2- 4 CR.
PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL 5850005 ARRANGED, MAY 16-AUG 5

SPCL TOP EPIS&METAPH PHIL 590B 2- 4 CR.
PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL 5851005 ARRANGED, MAY 16-AUG 5

SPCL TOP VALUE THRY PHIL 590C 2- 4 CR.
PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL 5852005 ARRANGED, MAY 16-AUG 5

SPCL TOP LOGIC&P SCI PHIL 590D 2- 4 CR.
PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL 5853005 ARRANGED, MAY 16-AUG 5
PHYSICS

GENERAL PHYSICS       PHYS 111      4 CR.
PREREQ: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
MATERIALS FEE $15.75

5857005 1 MTWR 12:10-1:10
       TWRF 7:30-8:30
       MW 9:50-12:00
       SECT 1:JUNE 13-AUG 5

5857010 2 MTWR 12:10-1:10
       TWRF 7:30-8:30
       MW 1:20-3:30
       SECT 2:JUNE 13-AUG 5

5857015 3 MTWR 12:10-1:10
       TWRF 7:30-8:30
       MW 3:40-5:50
       SECT 3:JUNE 13-AUG 5

5857020 4 MTWR 12:10-1:10
       TWRF 8:40-9:40
       MW 9:50-12:00
       SECT 4:JUNE 13-AUG 5

5857025 5 MTWR 12:10-1:10
       TWRF 8:40-9:40
       MW 1:20-3:30
       SECT 5:JUNE 13-AUG 5

5857030 6 MTWR 12:10-1:10
       TWRF 8:40-9:40
       MW 3:40-5:50
       SECT 6:JUNE 13-AUG 5

GENERAL PHYSICS       PHYS 112      4 CR.
PREREQ: 111
MATERIALS FEE $15.75

5858005 1 MTWR 1:20-2:20
       TR 9:50-10:50
       MW 9:50-12:00
       SECT 1:JUNE 13-AUG 5

5858010 2 MTWR 1:20-2:20
       TR 9:50-10:50
       MW 2:30-4:40
       SECT 2:JUNE 13-AUG 5

INTR CLASSCL PHYS I       PHYS 221      5 CR.
PREREQ: CREDIT OR ENROLLMENT IN MATH 166. IF ENROLLED IN 221 FOR CURRENT TERM, MAY NOT REGISTER FOR 221 FOR FUTURE TERM UNTIL CURRENT TERM IS ENDED OR FUTURE TERM REGISTRATION IN 221 WILL BE DROPPED.
MATERIALS AND EQUIPMENT USE FEE $20.75

5861005 1 MTWRF 9:50-10:50
       MF 8:40-9:40
       R 7:30-9:40
       SECT 1:JUNE 13-AUG 5

5861010 2 MTWRF 9:50-10:50
       MF 8:40-9:40
       R 2:30-4:40
       SECT 2:JUNE 13-AUG 5

5861015 3 MTWRF 9:50-10:50
       MF 7:30-8:30
       R 12:10-2:20
       SECT 3:JUNE 13-AUG 5

INDEPENDENT STUDY       PHYS 290       1-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SEM SEC SCHOOL PHYS       PHYS 399       1-2 CR.
PREREQ: PERMISSION OF INSTRUCTOR
5886005 1 ARRANGED
       SECT 1:JUNE 13-AUG 5

UNDERGRAD RESEARCH       PHYS 450       1-6 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH       PHYS 450L      1-6 CR.
PREREQ: 311, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY       PHYS 490       1-4 CR.
PREREQ: 6 CREDITS IN PHYS, PERMISSION OF INSTRUCTOR NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT       PHYS 599       VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH       PHYS 699       VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

PLANT HEALTH AND PROTECTION

PLT HEALTH WORK EXP       PL HP 392       R CR.
PREREQ: 6 CR IN PLANT HEALTH AND PROTECTION, PERMISSION OF ADVISOR INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
9637005 1 ARRANGED
       SECT 1:JUNE 13-AUG 5
PLANT HEALTH AND PROTECTION

INDEP STDY PLNT H&P  PL HP 490A  1- 3 CR.
PREREQ: JR OR SR CLASSIFICATION, 6 CR IN PLANT
HEALTH AND PROTECTION, PERMISSION OF INSTRUCTOR
A MAXIMUM OF 6 CREDITS OF PL HP 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9641005  ARRANGED, MAY 16-AUG 5

INDEP STUDY HONORS  PL HP 490H  1- 3 CR.
PREREQ: JR OR SR CLASSIFICATION, 6 CR IN PL HP,
INSTR PERMISSION, MEMBERSHIP IN UNIV HONORS
PROGRAM
A MAXIMUM OF 6 CREDITS OF PL HP 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9642005  ARRANGED, MAY 16-AUG 5

PLANT PATHOLOGY

INDEP STDY PLT PATH  PL P 490A  1- 3 CR.
PREREQ: JR OR SR CLASSIFICATION, 7 CREDITS IN
BIOLOGICAL SCIENCES, PERMISSION OF INSTRUCTOR
A MAXIMUM OF 6 CREDITS OF PL P 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
3152005  ARRANGED, MAY 16-AUG 5

HONORS INDEP STUDY  PL P 490H  1- 3 CR.
PREREQ: JR OR SR CLASSIFICATION, 7 CR IN BIOL
SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS
PROGRAM
A MAXIMUM OF 6 CREDITS OF PL P 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
3155005  ARRANGED, MAY 16-AUG 5

SPECIAL TOPICS  PL P 590  1- 3 CR.
PREREQ: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
5953005  ARRANGED, MAY 16-AUG 5

FIELD PLANT PATHOL  PL P 691  2 CR.
PREREQ: 407 OR 416 OR 503
5956005  ARRANGED, MAY 16-AUG 5

THESIS&DIS RESEARCH  PL P 699 VAR. CR.
5960005  ARRANGED, MAY 16-AUG 5

POLITICAL SCIENCE

INTRO ETHICS&POLITCS  POL S 235  3 CR.
PREREQ: SOPHOMORE STANDING
5715005  1A MTRWF 9:50-11:50
SECT 1A:JUNE 13-JULY 8
SECTION 1A RESTRICTED TO POL S
MAJORS ONLY
5715010  1B MTRWF 9:50-11:50
SECT 1B:JUNE 13-JULY 8
SECTION 1B RESTRICTED TO MAJORS
OTHER THAN POL S

PUBLIC POLICY  POL S 344  3 CR.
9243005  1A MTRWF 12:10-2:10
SECT 1A:JUNE 13-JULY 8
SECTION 1A RESTRICTED TO POL S MAJORS ONLY
9243010  1B MTRWF 12:10-2:10
SECT 1B:JUNE 13-JULY 8
SECTION 1B RESTRICTED TO MAJORS OTHER
THAN POL S

INTRO INTERNATL REL POL S 315  2 CR.
PREREQ: SOPHOMORE CLASSIFICATION
NO MORE THAN 6 CREDITS OF POL S 312,313,314,315
MAY BE APPLIED TOWARD DEGREE REQUIREMENTS FOR THE
POL S MAJOR AND NO MORE THAN 2 CREDITS MAY BE
APPLIED TOWARD DEGREE REQUIREMENTS FOR THE POL S MINOR
8813005  1A MTRWF 9:50-11:50
SECT 1A:MAY 16-JUNE 10
SECTION 1A RESTRICTED TO POL S MAJORS
8813015  2A MTRWF 9:50-11:50
SECT 2A:MAY 16-JUNE 10
SECTION 2A RESTRICTED TO POL S MAJORS
8813020  2B MTRWF 9:50-11:50
SECT 2B:MAY 16-JUNE 10
SECTION 2B RESTRICTED TO MAJORS OTHER
THAN POL S. WORLD WAR I.

315 MAJORS ONLY

8813015  2A MTRWF 9:50-11:50
SECT 2A:MAY 16-JUNE 10
SECTION 2A RESTRICTED TO MAJORS OTHER
THAN POL S. WORLD WAR I.

8813020  2B MTRWF 9:50-11:50
SECT 2B:MAY 16-JUNE 10
SECTION 2B RESTRICTED TO MAJORS OTHER
THAN POL S. WORLD WAR II.

IND STUDY AMER GOVT  POL S 490A VAR. CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. A MAXIMUM OF 3 CREDITS
OF POL S 490 MAY BE APPLIED TO MEET ANY OF THE FOUR
SUBFIELD REQUIREMENTS. ONLY 6 CREDITS OF POL S 490
AND/OR POL S 499 CAN BE APPLIED TO THE MAJOR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS
POLITICAL SCIENCE

IND STUDY THTY&METH POL S 490B VAR. CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. A MAXIMUM OF 3
CREDITS OF POL S 490 MAY BE APPLIED TO MEET ANY OF
THE FOUR SUBFIELD REQUIREMENTS. ONLY 6 CREDITS OF POL
S 490 AND/OR POL S 499 CAN BE APPLIED TO THE MAJOR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

IND STDY COMPAR POL POL S 490C VAR. CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED
TOWARD GRADUATION. A MAXIMUM OF 3 CREDITS OF POL S
490 MAY BE APPLIED TO MEET ANY OF THE FOUR SUBFIELD
REQUIREMENTS. ONLY 6 CREDITS OF POL S 490 AND/OR POL S
499 CAN BE APPLIED TO THE MAJOR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA POL S 490D VAR. CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED
TOWARD GRADUATION. A MAXIMUM OF 3 CREDITS OF POL S
490 MAY BE APPLIED TO MEET ANY OF THE FOUR SUBFIELD
REQUIREMENTS. ONLY 6 CREDITS OF POL S 490 AND/OR POL S
499 CAN BE APPLIED TO THE MAJOR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EXT CREDIT POL S 490E 1- 2 CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. A MAXIMUM OF 3
CREDITS OF POL S 490 MAY BE APPLIED TO MEET ANY OF
THE FOUR SUBFIELD REQUIREMENTS. ONLY 6 CREDITS OF POL S
490 AND/OR POL S 499 CAN BE APPLIED TO THE MAJOR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR POL S 490G VAR. CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. A MAXIMUM OF 3
CREDITS OF POL S 490 MAY BE APPLIED TO MEET ANY OF
THE FOUR SUBFIELD REQUIREMENTS. ONLY 6 CREDITS OF POL S
490 AND/OR POL S 499 CAN BE APPLIED TO THE MAJOR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS POL S 490H VAR. CR.
PREREQ: 6 CR IN POL S, MEMBERSHIP IN HONORS FROG
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. A MAXIMUM OF 3
CREDITS OF POL S 490 MAY BE APPLIED TO MEET ANY OF
THE FOUR SUBFIELD REQUIREMENTS. ONLY 6 CREDITS OF POL S
490 AND/OR POL S 499 CAN BE APPLIED TO THE MAJOR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

POL SCI INTERNSHIP POL S 499 VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 6 CREDITS IN POL S; JUNIOR OR SENIOR
CLASSIFICATION; PERMISSION OF INTERNSHIP
COORDINATOR
NO MORE THAN 6 CREDITS OF POL S 490 AND/OR POL S
499 CAN BE APPLIED TOWARD GRADUATION IN THE MAJOR
******** SEE DEPT FOR REFERENCE NUMBERS

PUBLIC SERVICE PRAC POL S 540X 1 CR.
SATISFACTORY-FAIL ONLY.
7380005 ARRANGED, MAY 16-AUG 5

POLIT COASTAL AREAS POL S 542X 3 CR.
8498005 ARRANGED
JUNE 6-JULY 15 COURSE DELIVERY IS WWW

SP TOP POLIT INSTIT POL S 590A 2- 5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SP TOP PUBLIC LAW POL S 590B 2- 5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INT'L RELAT POL S 590C 2- 5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SP TOP COMPAR GOVT POL S 590D 2- 5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SP TOP POLIT THEORY POL S 590E 2- 5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SP TOP PUBLIC LAW POL S 590F 2- 5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INTERNSHIP POL S 590I 2- 5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SUMMER 2005 Last Updated 01-04-2005
POLITICAL SCIENCE

PUBLIC ADMIN INTERN POL S 598 3-6 CR.
PREREQ: 15 CREDITS IN POL S, INSTRUCTR PERMISSION
4540013 CT ARRANGED
SECT CT: MAY 16-AUG 5

CREATIVE COMPONENT POL S 599 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH POL S 699 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

PORTUGUESE

INDEPENDENT STUDY PORT 490 1-6 CR.
PREREQ: 6 CR IN PORT; PERMISSION OF DEPT CHAIR
NO MORE THAN 9 CREDITS IN PORT 490 MAY BE
COUNTED TOWARD GRADUATION
PERMISSION OF DEPARTMENT CHAIR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

PRODUCTION/OPERATIONS MANAGEMENT

PROD/OPERATIONS MGT POM 320 3 CR.
PREREQ: STAT 226
COURSE NOT OPEN TO P BUS MAJORS
PERMISSION OF DEPARTMENT REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
5279005 A1 MTWRF 9:50-11:50
SECT A1: JULY 11-AUG 5
SECTION A1 RESTRICTED TO ACC, BUS,
S, BUS U,
FIN, MGMT, MIS, MKT, POM, TLOG
BUSINESS ONLY
5279010 A2 MTWRF 9:50-11:50
SECT A2: JULY 11-AUG 5
SECTION A2 FOR COLLEGES OTHER THAN

INDEPENDENT STUDY POM 490 1-3 CR.
PREREQ: 320, SENIOR CLASSIFICATION, PERMISSION
OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS POM 590 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CR.
6069005 A MTWRF 11:00-12:00
SECT A: MAY 16-JUNE 8
6069010 B MTWRF 8:40-9:40
SECT B: JUNE 13-AUG 5

DEVELOPMENTAL PSYCH PSYCH 230 3 CR.
6072005 A MTWRF 8:40-10:40
SECT A: MAY 16-JUNE 10
PSYCHOLOGY

PSYCH MEASUREMENT I PSYCH 440 3 CR.
PREREQ: 301 AND 9 CR IN PSYCH, STAT 101
COURSE RESTRICTED TO PSYCH MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6099005 A MTWRF 9:50-10:50
SECT A: MAY 16-JULY 8

ABNORMAL PSYCHOLOGY PSYCH 460 3 CR.
PREREQ: 3 COURSES IN PSYCH INCLUDING 101
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6102005 MTWRF 1:20-2:20
JUNE 13-AUG 5

INDEPENDENT STUDY PSYCH 490 1-3 CR.
PREREQ: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSN
NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
APPLIED TOWARDS A DEGREE IN PSYCHOLOGY
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS PSYCH 490H 1-3 CR.
PREREQ: JR CLASSIFCATN, 6 CR IN PSYCH, INSTRUCTOR
PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
APPLIED TOWARDS A DEGREE IN PSYCHOLOGY
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM PSYCH 491 VAR. CR.
PREREQ: JR CLASSIFICATION, INSTR PERMISSION,
CREDIT OR ENROLLMENT IN 301
NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE
APPLIED TOWARDS A DEGREE IN PSYCHOLOGY
******* SEE DEPT FOR REFERENCE NUMBERS

FIELDWORK PRACTICUM PSYCH 492 VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JR CLASSIFICATION, 12 CR IN PSYCH,
PERMISSION OF INSTRUCTOR
NO MORE THAN 9 CREDITS OF PSYCH 492 MAY BE
APPLIED TOWARDS A DEGREE IN PSYCHOLOGY
******* SEE DEPT FOR REFERENCE NUMBERS

EDUC PSYCH LEARNING PSYCH 533 3 CR.
PREREQ: C I 333 OR TEACHER LICENSURE
6118005 MTWRF 3:00-5:30
JUNE 13-JULY 8

SPCL TOP COUNSELING PSYCH 590A VAR. CR.
PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPIC COGNITIVE PSYCH 590Q VAR. CR.
PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP IN PSYCH PSYCH 597 R CR.
PREREQ: M.S. DEGREE CANDIDACY; PERMISSION OF
INSTRUCTOR
7659005 ARRANGED, MAY 16-AUG 5

CREATIVE COMPONENT PSYCH 599 VAR. CR.
SATISFACTORY-FAIL ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

PRACTICM COUNSELING PSYCH 691A VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
6159005 ARRANGED, MAY 16-AUG 5

PRACT GROUP COUNSEL PSYCH 691B VAR. CR.
PREREQ: 691A, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

PRACT ADV COUNSELING PSYCH 691F VAR. CR.
PREREQ: 691A, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM TEACHING PSYCH 691T VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 633, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INTERN COUNSELING PSYCH 697 R CR.
PREREQ: PH.D. CANDIDACY IN THE COUNSELING PSYCH
PROG, APPROVED DISSERTATION PROPOSAL, INSTR
PERMISSN
6182005 ARRANGED, MAY 16-AUG 5

RESEARCH PSYCH 699 VAR. CR.
SATISFACTORY-FAIL ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

RELIGIOUS STUDIES

INTRO WRLD RELIGION RELIG 105 3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6187005 A MTWRF 1:20-3:20
6187010 B MTWRF 11:00-1:00
SECT A: MAY 16-JUNE 10
SECT B:JUNE 13-JULY 8

RELIGION IN AMERICA RELIG 210 3 CR.
MEETS U.S. DIVERSITY REQMT.
6188005 A MTWRF 11:00-1:00
6188010 B MTWRF 11:00-1:00
6188015 C MTWRF 8:40-10:40
SECT A: JULY 11-AUG 5
SECT B:JUNE 13-JULY 8
SECT C:JUNE 13-JULY 8

INDEPENDENT STUDY RELIG 490 1-3 CR.
PREREQ: 6 CR IN RELIGIOUS STUDIES, PERMISSION
OF INSTRUCTOR, APPROVAL OF PROF IN CHARGE OF
PROGRAM
NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
APPLIED TOWARDS GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS RELIG 490H 1-3 CR.
PREREQ: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR,
APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM,
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
APPLIED TOWARDS GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH & EVALUATION

EDUCATNAL RESEARCH RESEV 550 3 CR.
PREREQ: GRADUATE CLASSIFICATION
COURSE RESTRICTED TO GRADUATE STUDENTS IN THE EDUCATION COLLEGE. OTHER STUDENTS MUST CONTACT THE DEPARTMENT AT 294-1241.
6211005 1 MWF 8:40-2:40
SECT 1:JUNE 6-27
NO CLASS JUNE 15,17
6211010 2 W 6:00-9:00PM
S 8:30-3:00
SECT 2:JUNE 18-JULY 6
NO MEETINGS MAY 28, JUNE 18,25, JULY 2

INTERMED RES METHDS RESEV 554 3 CR.
PREREQ: 550, 580, STAT 401 OR RESEV 552
6214005 1 ARRANGED
SECT 1:JUNE 6-JULY 22

QUALITVE RSRCH METH RESEV 580 3 CR.
PREREQ: 550
COURSE RESTRICTED TO GRADUATE STUDENTS IN THE EDUCATION COLLEGE. OTHER STUDENTS MUST CONTACT THE DEPARTMENT AT 294-1241.
4059005 1 MWF 8:40-11:40
SECT 1:JUNE 16-JUNE 20
DOES NOT MEET MAY 30

SPECIAL TOPICS RESEV 590 1-3 CR.
PREREQ: GRADUATE STANDING
******* SEE DEPT FOR REFERENCE NUMBERS

PROGRAM ASSESS&EVAL RESEV 597 3 CR.
PREREQ: 550
COURSE RESTRICTED TO GRADUATE STUDENTS IN THE EDUCATION COLLEGE. OTHER STUDENTS MUST CONTACT THE DEPARTMENT AT 294-1241.
6218005 1 MTWF 8:40-2:40
SECT 1:JUNE 10-26
MEETINGS SCHEDULED FOR MAY 10-12,17,20,23,25-26

ADV SPECIAL TOPICS RESEV 690 1-3 CR.
PREREQ: GRADUATE STANDING
******* SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN

ELEMENTRY RUSSIAN I RUS 101 4 CR.
MATERIALS AND EQUIPMENT USE FEE $20.00
6225005 1 MTWF 9:50-2:00
SECT 1:MAY 16-JUNE 3

ELEM RUSSIAN II RUS 102 4 CR.
PREREQ: 101
MATERIALS AND EQUIPMENT USE FEE $20.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6226100 SP ARRANGED
SECT SP:JUNE 6-JUNE 24
SECTION SP TAUGHT IN ST PETERSBURG,
RUSSIA.

STUDY ABROAD EXPERIENCE. OFFERED FOR 4 CREDITS

STUDY ABROAD RUS 395 1-6 CR.
1201100 SP ARRANGED
SECT SP:JUNE 6-JUNE 24
SECTION SP TAUGHT IN ST PETERSBURG,
RUSSIA.

STUDY ABROAD EXPERIENCE. OFFERED FOR 4 CREDITS

INDEPENDENT STUDY RUS 490 1-6 CR.
PREREQ: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2005.
NO MORE THAN 9 CREDITS IN RUS 490 MAY BE APPLIED TOWARD GRADUATION. PERMISSION OF DEPT CHAIR REQUIRED - PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
******* SEE DEPT FOR REFERENCE NUMBERS

SOCIOLOGY

INTRO TO SOCIOLOGY SOC 134 3 CR.
CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
6346005 A MTWF 8:40-9:40
SECT A:JUNE 13-AUG 5
6346010 B MTWF 9:50-11:50
SECT B:JUNE 13-JULY 8
6346015 C MTWF 9:50-11:50
SECT C:JUNE 13-JULY 8
6346020 D MTWF 9:50-11:50
SECT D:JULY 11-AUG 5

INTIMATE RELATNSHIP SOC 219 3 CR.
PREREQ: 130 OR 134
6349005 A MTWF 11:00-12:00
SECT A:JUNE 13-AUG 5
6349010 B MTWF 9:50-11:50
SECT B:JUNE 13-AUG 5

SOCIAL PROBLEMS SOC 235 3 CR.
PREREQ: 130 OR 134
MEETS U.S. DIVERSITY REQMT.
6347005 A MTWF 7:30-9:30
SECT A:JUNE 13-JULY 8
SOCIOLOGY

SOC PSYCH:SOC PERSP SOC 305 3 CR.
PREREQ: 130 OR 134
6355005 A MTWRF 1:20-3:20 SECT A: MAY 16-JUNE 10

COMMUNITY SOC 310 3 CR.
PREREQ: 130 OR 134
6321005 A MTWRF 9:50-11:50 SECT A: JUNE 13-JULY 8

SEX & GENDER IN SOC SOC 327 3 CR.
PREREQ: 130, 134, OR W S 201 MEETS U.S. DIVERSITY REQMT.
6356005 A MTWRF 9:50-11:50 SECT A: MAY 16-JUNE 10
6356010 B MTWRF 12:10-2:10 SECT B: JULY 11-AUG 5

ETHNIC & RACE RELATNS SOC 330 3 CR.
PREREQ: 130 OR 134 MEETS U.S. DIVERSITY REQMT.
6352005 A MTWRF 8:40-10:40 SECT A: JUNE 13-JULY 8

SOC CLASS & INEQUAL SOC 331 3 CR.
PREREQ: 130 OR 134 MEETS U.S. DIVERSITY REQMT.
6357005 A MTWRF 12:10-2:10 SECT A: MAY 16-JUNE 10

CONTEM SOC THEORIES SOC 401 3 CR.
PREREQ: 9 CREDITS IN SOC AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6365005 A MTWRF 1:20-3:20 SECT A: JUNE 13-JULY 8

COMPLEX ORGANIZATNS SOC 420 3 CR.
PREREQ: 130 OR 134 OR 135 PLUS 3 CR IN SOC SCIENC AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6325005 A MTWRF 11:00-1:00 SECT A: JULY 11-AUG 5

FIELD OBSERV & PRAC SOC 454A 1-12 CR.
SATISFACTORY-FAIL ONLY. PREREQ: JR/SR CLASSIFICATION; PERMISSION OF FACULTY INTERNSHIP COORDINATOR; MAJOR OR MINOR IN SOCIOLOGY OR PSA OR 201, 302, 305 NOT MORE THAN 12 CREDITS OF FIELD EXPERIENCE (SOC 454 & 460) MAY BE APPLIED TOWARD MEETING THE REQUIRED 45 CREDITS OF UPPER LEVEL COURSES AND THE TOTAL OF 124.5 CREDITS REQUIRED FOR GRADUATION. NO CREDITS IN SOC 454 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR THE SOCIOLOGY MAJOR.

FIELD OBSERV--RURAL SOC 454B 1-12 CR.
SATISFACTORY-FAIL ONLY. PREREQ: JR/SR CLASSIFICATION; PERMISSION OF FACULTY INTERNSHIP COORDINATOR; MAJOR OR MINOR IN SOCIOLOGY OR PSA OR 201, 302, 305 NOT MORE THAN 12 CREDITS OF FIELD EXPERIENCE (SOC 454 & 460) MAY BE APPLIED TOWARD MEETING THE REQUIRED 45 CREDITS OF UPPER LEVEL COURSES AND THE TOTAL OF 124.5 CREDITS REQUIRED FOR GRADUATION. NO CREDITS IN SOC 454 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR THE SOCIOLOGY MAJOR.

CRIM & JUV JUST PRAC SOC 460 3-12 CR. SATISFACTORY-FAIL ONLY. PREREQ: JR/SR CLASSIFICATION; PERMISSION OF THE CJ ST COORDINATOR; MAJOR OR MINOR IN SOC, OR CJ ST MINOR NOT MORE THAN 12 CREDITS OF FIELD EXPERIENCE (SOC 454 & 460) MAY BE APPLIED TOWARD MEETING THE REQUIRED 45 CREDITS OF UPPER LEVEL COURSES AND THE TOTAL OF 124.5 CREDITS REQUIRED FOR GRADUATION. NO CREDITS IN SOC 460 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR THE SOCIOLOGY MAJOR.

INDEPENDENT STUDY GEN SOC SOC 490A 1-3 CR.
PREREQ: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF SOC 490 TOWARD GRADUATION.

INDEPENDENT STUDY RURAL SOC SOC 490B 1-3 CR.
PREREQ: 6 CR IN SOC AND INSTRUCTOR PERMISSION STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF SOC 490 TOWARD GRADUATION.

INDEPENDENT STUDY HONORS SOC 490H 1-3 CR.
PREREQ: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR, MEMBERSHIP IN UNIV HONORS PROGRAM STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF SOC 490 TOWARD GRADUATION.

SPL TOPICS GEN SOC SOC 590A 1-3 CR.
PREREQ: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATION

SPL TOP RURAL SOC SOC 590B 1-3 CR.
PREREQ: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATION

MASTERS RES GEN SOC SOC 599A VAR. CR.

MASTERS RES RURAL SOC SOC 599B VAR. CR.

RESEARCH GENERAL SOC SOC 699A VAR. CR.

RESEARCH RURAL SOC SOC 699B VAR. CR.
### SPANISH

**Elementry Spanish I**  
**SPAN 101**  
4 CR.  
*Only one of SPAN 110, SPAN 160, or the SPAN 101-102 sequence may be applied toward graduation.*  
**Materials and Equipment Use Fee $20.00**  
- **6473005** MTWRF 8:40-12:00  
  **Sect 1:** May 16-June 10  
- **6473010** MTWRF 12:10-3:30  
  **Sect 2:** May 16-June 10

**Elementry Spanish II**  
**SPAN 102**  
4 CR.  
*Prerequisite: 101 or 97*  
*Only one of SPAN 110, SPAN 160, or the SPAN 101-102 sequence may be applied toward graduation.*  
**Materials and Equipment Use Fee $20.00**  
**Meeting International Perspectives Reqmt.**  
- **6474005** MTWRF 8:40-12:00  
  **Sect 1:** June 13-July 8  
- **6474010** MTWRF 12:10-3:30  
  **Sect 2:** June 13-July 8

### Special Education

**Independent Study**  
**SPAN 490**  
1-6 CR.  
*Prerequisite: 6 CR in SPAN; permission of dept chair*  
*No more than 9 credits in SPAN 490 may be applied toward graduation.*  
*Permission of department chair required; process approved add slip in 10 Alumni Hall.*  
**See dept for reference numbers**

**Special Topics**  
**SP ED 590**  
1-5 CR.  
*Prerequisite: 15 CR in EDUC; permission of dept chair.*  
**See dept for reference numbers**

**Field Experience MLDisAb Adol**  
**SP ED 591C**  
1-6 CR.  
*Prerequisite: 15 GRAD credits in special area; admission to the grad program in special education.*  
*COURSE RESTRICTED TO C I MAJORS ONLY.*  
*Professional support and field trips & travel fee $33.00-$81.00.*  
**See dept for reference numbers**

**Field Experience MLD Behv,El**  
**SP ED 591D**  
1-6 CR.  
*Prerequisite: 15 grad credits in special area; admission to the grad program in special education.*  
*COURSE RESTRICTED TO C I MAJORS ONLY.*  
*Professional support and field trips & travel fee $33.00-$81.00.*  
**See dept for reference numbers**

**Field Experience Sev Behv,El**  
**SP ED 591E**  
1-6 CR.  
*Prerequisite: 15 grad credits in special area; admission to the grad program in special education.*  
*COURSE RESTRICTED TO C I MAJORS ONLY.*  
*Professional support and field trips & travel fee $33.00-$81.00.*  
**See dept for reference numbers**
SPECIAL EDUCATION

FLD EXP SEV BEH SEC SP ED 591F  1- 6 CR.
PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
COURSE RESTRICTED TO C I MAJORS ONLY
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE
$33.00-$81.00
******* SEE DEPT FOR REFERENCE NUMBERS

EXP MULTICAT SCI EL SP ED 591I  1- 6 CR.
PREREQ: 15 GRADUATE CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
COURSE RESTRICTED TO C I MAJORS ONLY
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE
$33.00-$81.00
******* SEE DEPT FOR REFERENCE NUMBERS

EXP MULTICAT SCI SEC SP ED 591J  1- 6 CR.
PREREQ: 15 GRADUATE CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
COURSE RESTRICTED TO C I MAJORS ONLY
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE
$33.00-$81.00
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SP ED 599  1- 5 CR.
PREREQ: 15 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SP ED 699 VAR. CR.
PREREQ: 15 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPEECH COMMUNICATION

LISTENING SP CM 110  3 CR.
6418005  M T W R F 7:30-9:40
JUNE 13-JULY 8

FUND PUBLIC SPEAKING SP CM 212  3 CR.
LECTURE AND DISCUSSION FOR SECTIONS 1-10 MEET ON
ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE
8643010  1 M T W R F 7:30-9:40
MTWF 9:50-12:00
SECT 1: MAY 16-JUNE 10
ON MAY 16 ATTEND ONLY THE 9:50 A.M. LECTURE
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643015  2 M T W R F 7:30-9:40
MTWF 9:50-12:00
SECT 2: MAY 16-JUNE 10
ON MAY 16 ATTEND ONLY THE 9:50 A.M. LECTURE
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643020  3 M T W R F 9:50-12:00
MTWF 9:50-12:00
SECT 3: MAY 16-JUNE 10
ON MAY 16 ATTEND ONLY THE LECTURE (ON SECOND LINE).
IGNORE CONFLICT BETWEEN LECTURE & DISCUSSION.
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643025  4 M T W R F 9:50-12:00
MTWF 9:50-12:00
SECT 4: MAY 16-JUNE 10
ON MAY 16 ATTEND ONLY THE LECTURE (ON SECOND LINE).
IGNORE CONFLICT BETWEEN LECTURE & DISCUSSION.
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643030  5 M T W R F 9:50-12:00
MTWF 9:50-12:00
SECT 5: MAY 16-JUNE 10
ON MAY 16 ATTEND ONLY THE LECTURE (ON SECOND LINE).
IGNORE CONFLICT BETWEEN LECTURE & DISCUSSION.
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643035  6 M T W R F 12:10-2:20
MTWF 9:50-12:00
SECT 6: MAY 16-JUNE 10
ON MAY 16 ATTEND ONLY THE 9:50 A.M. LECTURE
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643040  7 M T W R F 9:50-12:00
MTWF 9:50-12:00
SECT 7: MAY 16-JUNE 10
SEC 7 IS A CROSS-CULTURAL SECTION. U.S.
STUDENTS ONLY. MEETS JOINTLY WITH SECTION 8. ON MAY 16
ATTEND ONLY THE LECTURE (ON SECOND LINE). IGNORE
CONFLICT BETWEEN LECTURE AND DISCUSSION TIMES.
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643045  8 M T W R F 9:50-12:00
MTWF 9:50-12:00
SECT 8: MAY 16-JUNE 10
SEC 8 IS A CROSS-CULTURAL SECTION.
INTERNATIONAL STUDENTS ONLY. MEETS JOINTLY WITH SECTION 9.
ON MAY 16 ATTEND ONLY THE 9:50 A.M. LECTURE.
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643065  9 M T W R F 9:50-12:00
MTWF 9:50-12:00
SECT 9: MAY 16-JUNE 10
SEC 9 IS A CROSS-CULTURAL SECTION. U.S. STUDENTS
ONLY. MEETS JOINTLY WITH SECTION 10.
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643070 10 M T W R F 9:50-12:00
MTWF 9:50-12:00
SECT 10: MAY 16-JUNE 10
SEC 10 IS A CROSS-CULTURAL SECTION. INTERNATIONAL
STUDENTS ONLY. MEETS JOINTLY WITH SECTION 9.
ON MAY 16 ATTEND ONLY THE 9:50 A.M. LECTURE.
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643075 11 M W F 7:30-9:20
SECT 11: JUNE 13-AUG 5
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643080 12 M W F 8:40-10:30
SECT 12: JUNE 13-AUG 5
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643085 13 M W F 8:40-10:30
SECT 13: JUNE 13-AUG 5
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643090 14 M W F 9:50-11:40
SECT 14: JUNE 13-AUG 5
SECTION INFO: http://www.public.iastate.edu/~aslagell
/spcm212/index.html
8643095 15 M W F 9:50-12:00
SECT 15: JULY 11-AUG 5
**SPEECH COMMUNICATION**

**SPECIAL PROJECTS**  SP CM 290  1-2 CR.
PREREQ: 3 CR IN SP CM; PERMISNSN OF DEPT CHAIR
NO MORE THAN 4 CREDITS OF SP CM 290 MAY BE
APPLIED TOWARD GRADUATION.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

**SEMANTICS**  SP CM 305  3 CR.
PREREQ: ENGL 105
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6427005  A MWF 12:10-2:20
SECT A: MAY 16-JUNE 10

**BUSINESS & PRO SPEAKG**  SP CM 312  3 CR.
PREREQ: 212
6429005  1 MWF 9:50-12:00
SECT 1: JUNE 13-JULY 8

**GENDER & COMMUNICATION**  SP CM 323  3 CR.
PREREQ: 212
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2640005  A MWF 9:50-12:00
SECT A: MAY 16-JUNE 10

**PERSUASION**  SP CM 327  3 CR.
PREREQ: 212
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6417005  MWF 8:40-10:40
MAY 16-JUNE 10

**INDEPENDENT STUDY**  SP CM 490  1-3 CR.
PREREQ: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATION
PERMISSION OF DEPT. CHAIR
PERMISSION OF RAY DEARIN REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
NO MORE THAN 9 CREDITS OF SP CM 490 MAY BE
APPLIED TOWARD GRADUATION.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

**COMMUNICATION INTERNSHIP**  SP CM 499  1-3 CR.
PREREQ: 18 CR IN SP CM COURSES, OTHER COURSES
ADVISER DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR
STANDING; CUM GPA OF AT LEAST 2.5 OVERALL & 3.0
IN SP CM; PERMISSION OF THE INTERNSHIP COMMITTEE
NO MORE THAN 6 INTERNSHIP CREDITS MAY BE COUNTED
TOWARD DEGREE REQUIREMENTS

**SPECIAL TOPICS**  SP CM 590  1-4 CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR

**STATISTICS**

**PRIN OF STATISTICS**  STAT 101  4 CR.
PREREQ: 1 & 1/2 YRS OF H S ALGEBRA
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: STAT 101, 104, 105, 226
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6502105  A MTWF 8:40-9:40
MR 9:50-11:50
SECT A: MAY 16-JUNE 8

**INTRO TO STATISTICS**  STAT 104  3 CR.
PREREQ: 1 & 1/2 YRS OF H S ALGEBRA
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: STAT 101, 104, 105, 226
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6503205  A MWF 8:40-9:40
TF 12:10-2:10
SECT B: MAY 16-JUNE 8

**APPLIED BUSINESS STAT**  STAT 328  3 CR.
PREREQ: 326. PRIMARILY FOR MBA STUDENTS.
COURSE RESTRICTED TO BUSAD GRADUATE MAJORS
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

**ENGINEERING STAT**  STAT 305  3 CR.
PREREQ: MATH 150 OR 165
COURSE RESTRICTED TO ACCT, BUS S, BUSAD, BUS U,
FIN, I BUS, LOMIS, MGMT, MIS, MKT, P BUS, POM,
TRLOG,
ECON, AG B MAJORS ONLY. CREDIT FOR ONLY ONE OF THE
FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT
226,
STAT 101, STAT 104, STAT 105.
3975005  A MTWF 8:40-9:40
SECT A: MAY 16-JUNE 8
3975010  B MTWF 8:40-9:40
SECT B: MAY 16-JUNE 8

**STAT METH FOR RSrch**  STAT 401  4 CR.
PREREQ: 101 OR 104 OR 105 OR 226. GRAD STUDENTS
WITHOUT AN EQUIV COURSE SHOULD CONTACT DEPT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6514005  A MTWF 8:40-9:40
MR 12:10-2:10
SECT A: MAY 16-JUNE 8

**APPLIED STAT**  STAT 405  4 CR.
PREREQ: MATH 165 (OR 165H)
CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION
6509005  A MTWF 8:40-9:40
SECT A: MAY 16-JUNE 8

**STAT CST OF STATISTICS**  STAT 102  3 CR.
PREREQ: 101 OR 104 OR 105 OR 226.
6504005  A MTWF 8:40-9:40
SECT A: MAY 16-JUNE 8

**APPLIED STAT**  STAT 406  3 CR.
PREREQ: STAT 405.
6506005  A MTWF 8:40-9:40
SECT A: MAY 16-JUNE 8

**APPLIED STAT**  STAT 407  3 CR.
PREREQ: 101 OR 104 OR 105 OR 226.
6507005  A MTWF 8:40-9:40
SECT A: MAY 16-JUNE 8

**APPLIED STAT**  STAT 408  3 CR.
PREREQ: STAT 105 OR 226.
6508005  A MTWF 8:40-9:40
SECT A: MAY 16-JUNE 8

**APPLIED STAT**  STAT 409  3 CR.
PREREQ: STAT 105 OR 226.
6509005  A MTWF 8:40-9:40
SECT A: MAY 16-JUNE 8
STATISTICS

STAT THEORY FOR RES  STAT 447  4 CR.
PREREQ: MATH 151 AND INST PERMISSION, OR MATH 265
CREDIT FOR EITHER STAT 341 OR STAT 447, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6523005  MTWRF 8:40-10:00
MAY 16-JULY 8

INDEPENDENT STUDY  STAT 490  VAR. CR.
PREREQ: 10 CREDITS IN STATISTICS
NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS THEORY  STAT 590A  VAR. CR.
6554005  ARRANGED, MAY 16-AUG 5

SPCL TOPICS METHODS  STAT 590B  VAR. CR.
6555005  ARRANGED, MAY 16-AUG 5

SPL TOP DESGN EXPER  STAT 590C  VAR. CR.
6556005  ARRANGED, MAY 16-AUG 5

SPL TOP SURVEY DSGN  STAT 590D  VAR. CR.
6557005  ARRANGED, MAY 16-AUG 5

CREATIVE COMPONENT  STAT 599  VAR. CR.
Satisfactory-Fail only.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  STAT 699  VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

SUSTAINABLE AGRICULTURE

SPECIAL TOPICS  SUSAG 590  1-3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  SUSAG 599  VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  SUSAG 699  VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY & SOCIAL CHANGE

INDEPENDENT STUDY  T SC 490  VAR. CR.
PREREQ: 341, PERMISSION OF INSTRUCTOR & T SC COORD
PERMISSION OF COORDINATOR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP: TCH & SOC CHG  T SC 590F  VAR. CR.
PREREQ: 541, PERMISSION OF INSTRUCTOR & T SC COORD
PERMISSION OF COORDINATOR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING

FIELD STUDY  T C 380  2 CR.
PREREQ: 9 CR IN T C, JR CLASSIFI, PERMISSION BY APPLIC
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN  T C 398  R CR.
PREREQ: PERMISSION OF DEPT CHAIR; JR CLASSIFICATION
1002005  ARRANGED, MAY 16-AUG 5

IND STD TXTL&AP DSN  T C 490C  VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

IND STD SOC-PSY T C 490F  VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY MERCHANDSG  T C 490I  VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY TECH DESGN  T C 490O  VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN  T C 498  R CR.
PREREQ: PERMISSION OF DEPT CHAIR; SR CLASSIFICATION
1003005  ARRANGED, MAY 16-AUG 5

UNDERGRAD RESEARCH  T C 499  1-3 CR.
PREREQ: SENIOR CLASSIFICATION, 15 CREDITS IN T C,
PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

DIGITAL TXTL&AP DSGN  T C 521  3 CR.
PREREQ: PERMISSION OF INSTRUCTOR; EXPERIENCE
WITH FLAT PATTERN OR DRAPING TECHNIQUES & IMAGE
MANIPULATION SOFTWARE
MATERIALS FEE $200.00
4170005  MTWRF 8:30-12:00
MAY 1-JUNE 10

PHIL OF TECHNOLOGY  T SC 343  3 CR.
PREREQ: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
AND 3 CREDITS OF SOCIAL SCIENCE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5211005  A MTWRF 9:50-11:10
SECT A: MAY 16-JUNE 24
TEXTILES & CLOTHING

PRACTCM TXTL&CLOTHG   T C   570   1- 3 CR.  
PREREQ: 510, 6 GRAD CREDITS IN T C, PERMISSION BY APPLICATION  
6660005   ARRANGED, MAY 16-AUG 5

SPL TOP TEXTILE SCI   T C   590A VAR. CR.  
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
*******   SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST TEXTIL   T C   590B VAR. CR.  
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
*******   SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TXTL&AP DSN   T C   590C VAR. CR.  
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
*******   SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MERCHANDSN   T C   5901 VAR. CR.  
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
*******   SEE DEPT FOR REFERENCE NUMBERS

SP TOP CULTUR ANALY   T C   590K VAR. CR.  
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
*******   SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TECH DESGN   T C   5900 VAR. CR.  
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
*******   SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SMALL BUSIN   T C   590S VAR. CR.  
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
*******   SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS   T C   690 VAR. CR.  
PREREQ: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSION OF INSTRUCTOR, AND APPROVAL OF DEPT CHAIR  
*******   SEE DEPT FOR REFERENCE NUMBERS

RESEARCH   T C   699 VAR. CR.  
*******   SEE DEPT FOR REFERENCE NUMBERS

THEATRE

INTR PERFORMNG ARTS   THTRE 106   3 CR.  
6729005   MTWRF 8:40-9:40  
JUNE 13-AUG 5

SPECIAL PROJECTS   THTRE 290   1- 3 CR.  
PREREQ: 3 CREDITS IN THEATRE, PERMISSION OF INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL; INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******   SEE DEPT FOR REFERENCE NUMBERS

ADV THTRE PRACTICUM   THTRE 469   1- 3 CR.  
PREREQ: 9 CR IN THEATRE COURSES, JR CLASSIFICATION  
*******   SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP   THTRE 499   1- 8 CR.  
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 CR.  
PREREQ: APPROVED WRITTEN PROPOSAL; PERMISSION OF DEPARTMENT CHAIR REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******   SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY

TOXICOLOGY SEMINAR   TOX 504   1 CR.  
7126005   ARRANGED, MAY 16-AUG 5

CLIN &DIAGNOS TOXIC   TOX 546   1- 3 CR.  
1231005   ARRANGED   OSWEILER G
MAY 16-JULY 8

SPECIAL TOPICS   TOX 590 VAR. CR.  
*******   SEE DEPT FOR REFERENCE NUMBERS

RESEARCH   TOX 699 VAR. CR.  
*******   SEE DEPT FOR REFERENCE NUMBERS

TRANSPORTATION

RESEARCH   TRANS 699 VAR. CR.  
6787005   ARRANGED, MAY 16-AUG 5

TRANSPORTATION & LOGISTICS

BUSINESS LOGISTICS   TRLOG 360   3 CR.  
PREREQ: ECON 101

COURSE NOT OPEN TO P BUS MAJORS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN

6788005   A1 MTWRF 9:50-11:50
SECT A1:JUNE 13-JULY 8

SECTION A1 RESTRICTED TO ACCT, BUS S, FIN, MGMT, MIS, MKT, POM, TRLOG

MAJORS ONLY

6788010   A2 MTWRF 9:50-11:50
SECT A2:JUNE 13-JULY 8

SECTION A2 FOR COLLEGES OTHER THAN BUSINESS

ADV LOGISTICS MGT   TRLOG 460   3 CR.  
PREREQ: 360 AND STAT 226

COURSE NOT OPEN TO GRADUATE STUDENTS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN

6790005   A MTWRF 12:10-2:10
SECT A:JUNE 13-JULY 8
TRANSPORTATION & LOGISTICS

INDEPENDENT STUDY TRLOG 490 1-3 CR.
PREREQ: 360, SENIOR CLASSIF, INSTRUCTOR PERMISSION
COURSE NOT OPEN TO P BUS MAJORS
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS TRLOG 590 1-5 CR.
PREREQ: GRAD CLASSIFICATION, PERMISSION OF INSTRUCTOR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

UNIVERSITY STUDIES

ACADEMIC SUCCESS SEM U ST 130X 1 CR.
SATISFACTORY-FAIL ONLY.
8504005 MW 2:30-3:30
JUNE 13-AUG 5

WORLD FOOD ISSUES U ST 342 3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQUIREMENT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6805005 MTWRF 8:40-10:50
MAY 16-JUNE 10

VET DIAGNOSTIC & PRODUCTION AN MED

INT FOOD ANIMAL CLIN VDPAM 311X 1 CR.
PREREQ: VETERINARY MEDICINE CLASSIFICATION. MUST
BE VACCINATED FOR RABIES.
6012005 ARRANGED KERSTING K

PRODUCT ANIMAL MED VDPAM 411 4 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
4521005 MTWRF 8:00-5:00 HOPKINS S

PRECPTRSP V MED PRA VDPAM 420 1-6 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
9072005 ARRANGED APLEY M

DAIRY HERD PROBLEM VDPAM 437 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6425005 ARRANGED APLEY M

MILK QUALITY & MASTITIS VDPAM 438 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN VET MED
6861005 ARRANGED APLEY M

NUTR DAIRY PROD MED VDPAM 439 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6422005 ARRANGED APLEY M

FOOD ANIMAL MED & SURGERY VDPAM 477 5 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
6909005 MTWRF 8:00-12:00 KERSTING K
MTWRF 2:00-5:00

INTR SWINE PROD MED VDPAM 478 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN VET MED
5610005 MTWRF 8:00-12:00 KARRIKER L
MTWRF 2:00-5:00

VET DIAGNOSTIC & PRODUCTION AN MED

SWINE PROD MED PRECP VDPAM 479 1-6 CR.
PREREQ: 478
5454005 ARRANGED KARRIKER L
PERMISSION OF INSTRUCTOR REQUIRED;
PROCESS
APPROVED ADD SLIP IN 2270A VET MED

BEEF PROD MED PRECP VDPAM 482 1-6 CR.
PREREQ: 481
5403005 MTWRF 8:00-12:00 APLEY M
MTWRF 2:00-5:00
PERMISSION OF INSTRUCTOR REQUIRED;
PROCESS
APPROVED ADD SLIP IN 2270A VET MED

INTR DAIRY PROD MED VDPAM 484 2 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN V MED
5609005 MTWRF 8:00-12:00 TIMMS L
MTWRF 2:00-5:00

DAIRY PROD MED PRECP VDPAM 485 1-6 CR.
PREREQ: 484
COURSE ONLY OFFERED FOR 2 CREDITS, HOWEVER
MULTIPLE ENROLLMENTS ARE ALLOWED
5431005 ARRANGED APLEY M
PERMISSION OF INSTRUCTOR REQUIRED;
PROCESS
APPROVED ADD SLIP IN 2270A VET MED

CLINIC MICROBIOLOGY LAB VDPAM 488 1 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6905005 MTWRF 8:40-11:40 KINYON J

INDEPENDENT STUDY VDPAM 490 1-5 CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
******* SEE DEPT FOR REFERENCE NUMBERS

INTRO DNA TECHNOLOGY VDPAM 542A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7399005 MTWRF 1:00-2:00 KARRIKER L
MTRF 2:00-4:00 JUNE 13-28

INTR PROTEIN TECHNOLOGY VDPAM 542B 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7391005 MTWRF 1:00-2:00 KERRIG L
MTRF 2:00-4:00 JULY 7-22

CLINICAL AND DIAGNOSTIC MEDICINE VDPAM 546 1-3 CR.
PREREQ: DVM DEGREE OR 526
7676005 ARRANGED OSWEILER G
MAY 16-JULY 8

POSTMORTEM DIAGNOSIS LAB VDPAM 551 1-3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 455
4233005 ARRANGED, MAY 16-AUG 5 HALBUR P
SUMMER 2005     Last Updated 01-04-2005

VET DIAGNOSTIC & PRODUCTION AN MED

SPECIAL TOPICS VDPAM 590 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT VDPAM 599 VAR. CR.
PREREQ: ENROLLMENT IN NONTHESIS MASTER’S DEGREE
PROGRAM
******* SEE DEPT FOR REFERENCE NUMBERS

SWINE DIAGNOSTIC MED VDPAM 650 1-4 CR.
PREREQ: DVM DEGREE, PERMISSION OF INSTRUCTOR
6907005 ARRANGED, MAY 16-AUG 5

RESEARCH VDPAM 699 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

VETERINARY CLINICAL SCIENCES

PRECEPTORSHIP V MED V C S 419 1-6 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED,
PERMISSION OF DEPARTMENT CHAIR
1664005 1 ARRANGED
SECT 1: MAY 16-JULY 8

CLINICAL NEUROLOGY V C S 446 2 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
5112005 MTWRFS 8:00-12:00
MTWRF 1:00-5:00

CLINICAL DERMATOLOGY V C S 452 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
SMALL ANIMAL OPTION
1931005 MTWRFS 8:00-12:00
MTWRF 2:00-5:00

SMALL ANIMAL MED I V C S 453 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6889005 MTWRF 8:00-5:00

SMALL ANIMAL MED II V C S 454 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6890005 MTWRF 8:00-5:00

SM AN SOFT TISS SUR V C S 455 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6891005 MTWRF 8:00-5:00

SM AN ORTHOPED SURG V C S 456 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6892005 MTWRF 8:00-5:00

EQUINE MEDICINE V C S 457 4 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6893005 MTWRF 8:00-12:00
MTWRF 2:00-5:00

EQUINE SURGERY V C S 458 4 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6894005 MTWRF 8:00-12:00
MTWRF 2:00-5:00

VETERINARY CLINICAL SCIENCES

SM AN OVERPOPU SURG V C S 459 2 CR.
7814005 A MTWRF 8:00-5:00
SEC A: OMHA
7814010 B MTWRF 8:00-5:00
SEC B: DES MOINES
7814015 C ARRANGED
SEC C: KANSAS CITY

RADIOLOGY V C S 460 3 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6996005 MTWRF 8:00-5:00

COMMUNITY PRACTICE V C S 463 2 CR.
PREREQ: FOURTH YEAR CLASSIFICATION IN VET MED
2322005 MTWRF 8:00-5:00

EQUINE FIELD SERVICE V C S 464 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
4247005 MTWRF 8:00-5:00

FARRIER V C S 465 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
7756005 MTWRF 8:00-5:00

VET ANESTHESIOLOGY V C S 466 3 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6898005 MTWRF 8:00-5:00

INTENSIVE CARE V C S 468 4 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6900005 ARRANGED

SPECIAL SENSES V C S 469 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6901005 MTWRF 8:00-5:00

RADIOLOGY V C S 470 VAR. CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
******* SEE DEPT FOR REFERENCE NUMBERS

ANIMAL REPRODUCTION V C S 471 VAR. CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
******* SEE DEPT FOR REFERENCE NUMBERS

SMALL ANIMAL MED V C S 472 VAR. CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
******* SEE DEPT FOR REFERENCE NUMBERS

SMALL ANIM SURGERY V C S 473 VAR. CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
******* SEE DEPT FOR REFERENCE NUMBERS
VETERINARY CLINICAL SCIENCES

EQUINE MED & SURGERY  V C S 474  VAR. CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
******* SEE DEPT FOR REFERENCE NUMBERS

VET ANESTHESIOLOGY  V C S 476  VAR. CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
******* SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE CARE  V C S 478  VAR. CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL SENSES  V C S 479  VAR. CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
******* SEE DEPT FOR REFERENCE NUMBERS

SML ANIM SURGERY III  V C S 483O  2 CR.
PREREQ: VM4 CLASSIFICATION AND V C S 473
2972005 ARRANGED

SML ANIM SURGERY III  V C S 483S  2 CR.
PREREQ: VM4 CLASSIFICATION AND V C S 473
3076005 ARRANGED

INDEPENDENT STUDY  V C S 490  1- 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEDICINE  V C S 590A  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS SURGERY  V C S 590B  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP THERIOGENOL  V C S 590C  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RADIOLOGY  V C S 590D  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MEDICINE

INT’L PRECEPTORSHIP  V MED 403  1-12 CR.
PREREQ: SECOND-YEAR CLASSIFICATION IN V MED
7266015 A ARRANGED
7266090 B ARRANGED
SECT BE: MAY 18 - JULY 29
SEC SP TAUGHT IN BELGIUM. ‘VETERINARY MEDICAL CLINICAL TRAINING IN BELGIUM’ STUDY ABROAD
OFFERED FOR 6 CREDITS.

ZOO PRECEPTORSHIP  V MPM 494  1- 8 CR.
PREREQ: FOURTH YEAR CLASSIFICATION IN V MED
******* SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MICROBIOLOGY & PREV MED

PUBLIC HEALTH LAB  V MPM 486  1 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN MPM
6951005 MTRF 8:00-12:00
MTRF 2:00-5:00

INDEPENDENT STUDY  V MPM 490  1- 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
******* SEE DEPT FOR REFERENCE NUMBERS

INTRO DNA TECHNIQS  V MPM 542A  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
4278005 MTRF 1:00-2:00
MTRF 2:00-4:00
JUNE 13-28
VETERINARY MICROBIOLOGY & PREV MED

INTR PROTEIN TECHNQ   V MPM 542B     1 CR.
Satisfactory-Fail Only.
Prereq: Graduate Classification
4372005     MTRF 1:00-2:00
MTRF 2:00-4:00
July 7-22

SPECIAL TOPICS   V MPM 590     1-5 CR.
Prereq: Permission of Instructor
Approved Add Slip In 10 Alumni Hall
*******     See Dept For Reference Numbers

CREATIVE COMPONENT   V MPM 599 Var. CR.
Prereq: Nonthesis M.S. Option Only
7307005     Arranged, May 16-Aug 5

RESEARCH   V MPM 699 Var. CR.
*******     See Dept For Reference Numbers

VETERINARY PATHOLOGY

NECROPSY LAB PRACT   V PTH 456     1 CR.
Prereq: Fourth-Year Classification in V Med
7007005     MTWRF 1:10-5:00     Fales-Williams A
S 10:00-11:50     Fales-Williams A

CLIN PATH LAB PRACT   V PTH 457     1 CR.
Prereq: Fourth-Year Classification in V Med
7008005     MTWRF 8:00-11:50     Andreasen C
MTWRF 1:10-5:00     Andreasen C

INDEPENDENT STUDY   V PTH 490     Var. CR.
Prereq: Permission of Instructor & Dept Chair
Permission of Instructor Required; Process
Approved Add Slip In 2270A Vet Med
*******     See Dept For Reference Numbers

DIAGN PARASITOL LAB   V PTH 548     1-3 CR.
Prereq: 376 or 576
9668005     Arranged, May 16-Aug 5 Jarvinen J

CLIN PATHOLOGY LAB   V PTH 549     1 CR.
Satisfactory-Fail Only.
Prereq: 457
7037005     Arranged, May 16-Aug 5 Andreasen C

SURGICAL PATHOL LAB   V PTH 550     1-3 CR.
Satisfactory-Fail Only.
Prereq: 422, 570 or 571
7479005     Arranged, May 16-Aug 5 Haynes J

POSTMORT VET PATHOL   V PTH 551A     1-3 CR.
Satisfactory-Fail Only.
Prereq: 542 or 422
7038010     SS MTWRF 1:10-5:00     Sorden S
S 10:00-11:50     Sorden S
Sect SS:May 16-Aug 5

SPL TOP VET PATHOL   V PTH 590A     1-4 CR.
Prereq: Permission of Instructor
*******     See Dept For Reference Numbers

WATER RESOURCES

SPECIAL TOPICS   W RES 590     Var. CR.
Prereq: Permission of Major Prof in W Res Faculty
*******     See Dept For Reference Numbers

CREATIVE COMPONENT   W RES 599 Var. CR.
Prereq: Permission of Major Prof in W Res Faculty
*******     See Dept For Reference Numbers

WOMEN'S STUDIES

INTRO WOMEN'S STUDI   W S 201     3 CR.
Meets U.S. Diversity Reqmt.
Instructor Permission Required 1st Week; Process
Approved Add Slip In 10 Alumni Hall
7058005     MTWRF 9:50-12:40     Sect A:May 16-June 3
7058010     B MTWRF 9:50-12:40     Sect B:June 13-30
WOMEN'S STUDIES

GENDER & COMMUNICTN  W S  323  3 CR.
PREREQ: 212
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3533005  A MTWRF 9:50-12:00
SECT A: MAY 16-JUNE 10

SEX&GENDER IN SOCIE  W S  327  3 CR.
PREREQ: SOC 130 OR 134
MEETS U.S. DIVERSITY REQMT.
7061005  A MTWRF 9:50-11:50
7061010  B MTWRF 12:10-2:10
SECT B: JULY 11-AUG 5

SURVEY WOMEN'S LIT  W S  340  3 CR.
PREREQ: ENGL 105
MEETS U.S. DIVERSITY REQMT.
7062005  A MTWRF 9:50-11:15
SECT A: MAY 16-JUNE 24

PSYCHOLOGY OF WOMEN  W S  346  3 CR.
PREREQ: 2 COURSES IN PSYCH INCLUDING PSYCH 101
MEETS U.S. DIVERSITY REQMT.
7064005  MTWRF 12:10-1:10
MAY 16-JULY 8

INDEPENDENT STUDY  W S  490  1-3 CR.
PREREQ: ANY TWO COURSES IN W S, PERMISSION OF INSTRUCTOR, CONSULTATION WITH W S PROGRAM DIRECTOR
NO MORE THAN 6 CREDITS OF W S 490 MAY BE APPLIED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SENIOR INTERNSHIP  W S  491  3 CR.
PREREQ: SENIOR CLASSIFICATION
4097005  ARRANGED, MAY 16-AUG 5

SENIOR THESIS  W S  499  3 CR.
PREREQ: SENIOR CLASSIFICATION

SPECIAL TOPICS  W S  590  VAR. CR.
PREREQ: PERMISSION OF WOMEN'S STUDIES PROG DIRECTOR
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ZOOLOGY

UG INDEP STDY IA LL  ZOOL  490I  1-4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND PERMISSION OF INSTRUCTOR
AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CREDITS OF ZOOL 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY USE NO MORE THAN 9 CREDITS OF ZOOL 490 TOWARD GRADUATION.
PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY
4019005  ARRANGED

INDEP STDY RESEARCH  ZOOL  490R  1-5 CR.
PREREQ: 15 CR IN ZOOL SCIENCES; INSTR PERMISSION
AG COLLEGE MAJORS MAY APPLY NO MORE THAN 6 CREDITS OF ZOOL 490 TOWARD THE TOTAL OF 128 CREDITS
REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF ZOOL 490 TOWARD GRADUATION.

INTRO DNA TECHNIQS  ZOOL  542A  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7089005  MTRF 1:00-2:00
MTRF 2:00-4:00
JUNE 13-28

INTR PROTEIN TECHNQ  ZOOL  542B  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7092005  MTRF 1:00-2:00
MTRF 2:00-4:00
JULY 7-22

SPECIAL TOPICS  ZOOL  590  1-5 CR.
PREREQ: PERMISSION OF INSTRUCTOR

GRAD IND STDY IA LL  ZOOL  590I  1-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR & GRAD CLASSIFSN
PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3983005  1 ARRANGED

RESEARCH ZOOLOGY  ZOOL  699  VAR. CR.

RESEARCH - IA LL  ZOOL  699I  1-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3968005  ARRANGED

ZOOLOGY

BRAIN & BEHAVIOR  ZOOL  310  3 CR.
PREREQ: PSYCH 101; BIOL 109 OR 201 OR ZOOL 155;
CHEM 163
1520005  MTWRF 9:50-10:50
MAY 16-JULY 8

ECOLOGY  ZOOL  312I  4 CR.
PERMISSION REQUIRED - TO REGISTER, CONTACT IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3719005  MTWRF 8:00-5:00
MAY 22-JUNE 17