

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

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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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		76	Speech Communication (SP CM)
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		78	Technology & Social Change (T SC)
		78	Textiles & Clothing (T C)
		78	Theatre (THTRE)
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Resources

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
Registrar's Office Information 214 Alumni Hall 294-1840
Registration 10 Alumni Hall 294-2331
Residency Status for Fees & Admission 210 Alumni Hall 294-3632
Schedule Changes 10 Alumni Hall 294-2331
Student Records 214 Alumni Hall 294-1843
Transcripts 214 Alumni Hall 294-1840
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 Student Services Building, Suite 2080 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 session I courses using AccessPlus Registration through Wednesday, May 19. For additional schedule change deadlines go 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.	<ul style="list-style-type: none"> · Room assignments for Summer 2005 courses displayed in the online <i>Schedule of Classes</i>. 	June 17, Fri.	<ul style="list-style-type: none"> · 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 Summer Session II. The instructor of the course must approve an audit. · Last day to change a Session II course from audit to credit basis.
May 2, Mon.	<ul style="list-style-type: none"> · University bills with Summer 2005 tuition and fees charges available on AccessPlus www.accessplus.iastate.edu 	June 20, Mon.	<ul style="list-style-type: none"> · 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. · University holiday, offices closed - classes not in session. · Room assignments for Fall 2005 courses displayed in the online <i>Schedule of Classes</i>. · Summer Session I ends. · Graduate College last day for final oral examinations. · 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. · Fee 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. · University bills with Fall 2005 tuition and fees charges available on AccessPlus www.accessplus.iastate.edu. · Summer Session II ends. Grades for both summer sessions available on AccessPlus by Aug. 12. · Commencement. www.iastate.edu/~registrar/graduation
May 6, Fri.	<ul style="list-style-type: none"> · 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 	June 24, Fri.	<ul style="list-style-type: none"> · Last day to process adds or section changes for a Session I course through AccessPlus registration. · 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 through AccessPlus registration. · Last day to change a Session I course from Pass/Not Pass to grade without it counting toward total allowable P/NP credits. · 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.
May 13, Fri.	<ul style="list-style-type: none"> · Last day to cancel registration for summer to avoid tuition assessment. 	July 4, Mon.	<ul style="list-style-type: none"> · Last day to elect to audit a course for a 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 16, Mon.	<ul style="list-style-type: none"> · Class work begins, Session I courses. 	July 6, Wed.	<ul style="list-style-type: none"> · Last day to process adds or section changes for 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 total allowable P/NP credits. · Last day to change a Session II course from audit to credit basis.
May 18, Wed.	<ul style="list-style-type: none"> · Last day to add a Session I course without instructor's signature. 	July 8, Fri.	<ul style="list-style-type: none"> · 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.
May 20, Fri.	<ul style="list-style-type: none"> · Last day to process adds or section changes for a Session I course through AccessPlus registration. · 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 through AccessPlus registration. · Last day to change a Session I course from Pass/Not Pass to grade without it counting toward total allowable P/NP credits. · 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. 	July 15, Fri.	<ul style="list-style-type: none"> · 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. · Fee 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. · University bills with Fall 2005 tuition and fees charges available on AccessPlus www.accessplus.iastate.edu. · Summer Session II ends. Grades for both summer sessions available on AccessPlus by Aug. 12. · Commencement. www.iastate.edu/~registrar/graduation
May 27, Fri.	<ul style="list-style-type: none"> · 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 through AccessPlus registration. · Last day to change a Session I course from Pass/Not Pass to grade without it counting toward total allowable P/NP credits. · 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. 	July 18, Mon.	<ul style="list-style-type: none"> · 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. · Fee 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. · University bills with Fall 2005 tuition and fees charges available on AccessPlus www.accessplus.iastate.edu. · Summer Session II ends. Grades for both summer sessions available on AccessPlus by Aug. 12. · Commencement. www.iastate.edu/~registrar/graduation
May 30, Mon.	<ul style="list-style-type: none"> · Last day to elect to audit a course for a 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. 	July 20, Wed.	<ul style="list-style-type: none"> · 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. · Fee 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. · University bills with Fall 2005 tuition and fees charges available on AccessPlus www.accessplus.iastate.edu. · Summer Session II ends. Grades for both summer sessions available on AccessPlus by Aug. 12. · Commencement. www.iastate.edu/~registrar/graduation
June 13, Mon.	<ul style="list-style-type: none"> · University holiday, offices closed - classes not in session. · Class work begins, Session II courses. 	July 22, Fri.	<ul style="list-style-type: none"> · Last day to process adds or section changes for a Session II course through AccessPlus registration.
June 15, Wed.	<ul style="list-style-type: none"> · 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. 	Aug. 1, Mon.	<ul style="list-style-type: none"> · 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. · Fee 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. · University bills with Fall 2005 tuition and fees charges available on AccessPlus www.accessplus.iastate.edu. · Summer Session II ends. Grades for both summer sessions available on AccessPlus by Aug. 12. · Commencement. www.iastate.edu/~registrar/graduation
June 15, Wed.	<ul style="list-style-type: none"> · 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. 	Aug. 5, Fri.	<ul style="list-style-type: none"> · 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. · Fee 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. · University bills with Fall 2005 tuition and fees charges available on AccessPlus www.accessplus.iastate.edu. · Summer Session II ends. Grades for both summer sessions available on AccessPlus by Aug. 12. · Commencement. www.iastate.edu/~registrar/graduation
June 15, Wed.	<ul style="list-style-type: none"> · 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. 	Aug. 6, Sat.	<ul style="list-style-type: none"> · 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. · Fee 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. · University bills with Fall 2005 tuition and fees charges available on AccessPlus www.accessplus.iastate.edu. · 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 must complete a reentry form. A student who has previously attended Iowa State only as a nondegree student and who now seeks to earn an undergraduate degree should complete an undergraduate application, 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/

	Undergrad		Graduate		Vet Med		
	Res.	Nonres.	Res.	Nonres.	Res.	Nonres.	
Full fees	\$2,445	\$7,490	\$2,854	\$7,860	\$5,974	\$15,267	
Fees/credit	204	625	318	874	498	1,273	
Credits:							Credits
*Minimum charged for 1-2 credits							
1	*408	*408	*636	*636	*996	*996	1
2	*408	*408	*636	*636	*996	*996	2
3	612	612	954	954	1,494	1,494	3
4	816	816	1,272	1,272	1,992	1,992	4
5	1,020	3,125	1,590	4,370	2,490	6,365	5
6	1,224	3,750	1,908	5,244	2,988	7,638	6
7	1,428	4,375	2,226	6,118	3,486	8,911	7
8	1,632	5,000	2,544	6,992	3,984	10,184	8
9	1,836	5,625	2,854	7,860	4,482	11,457	9
10	2,040	6,250			4,980	12,730	10
11	2,244	6,875			5,478	14,003	11
12	2,445	7,490			5,974	15,267	12

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:

2005-2006

•**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.

Math 10 - \$408

Chem 50X - \$225

Engl 99L - \$240

Engl 99R - \$160

(Subject to change without notice.)

Fees and Tuition

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.

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 the following: distance education courses; 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 or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the tenth class day, with no adjustment after the tenth class day (May 27). Students who add courses at any time during the semester will be assessed the student health fee if applicable according to the guidelines stated above.

Health Insurance (Optional)

International students are required to purchase the health insurance plan. Other students may enroll in the plan by contacting the Student Health Insurance Office at 515-294-4820, or e-mail stdntins@iastate.edu.

Students who enroll in the health insurance plan are also required to pay the health fee and health facility fee (no exemptions apply).

Health Plus Plan (Optional)

Students who are not assessed the mandatory Student Health Fee and spouses of students are eligible to participate in the Health Plus Plan for a fee of \$42.50, which allows participants to receive services at the Student Health Center for the same rate as students who pay the mandatory Student Health Fee. Students not in the Health Plus Plan may use the services of the Student Health Center on a fee for service basis. Enroll in the plan by contacting the Student Health Insurance Office, at 515-294-2394.

Students who elect the single Health Plus Plan will be assessed \$42.50 plus the \$4 health facility fee. Married students who have been assessed the mandatory health fee who elect to add the spouse plan will be assessed \$42.50 plus the \$4 health facility fee for the spouse. A student who is exempt from the mandatory Student Health Fee may elect both the student and spouse Health Plus Plan for a cost of \$85 plus a \$8 health facility fee.

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:

Grade	Quality Points	Grade	Quality Points
A	4.00	C	2.00
A-	3.67	C-	1.67
B+	3.33	D+	1.33
B	3.00	D	1.00
B-	2.67	D-	0.67
C+	2.33	F	0.00

- 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:

<u>Undergraduate</u>		<u>Graduate</u>
12 cr.	Full allowance	9 cr.
9-11.5 cr.	3/4 allowance	7-8.5 cr.
6-8.5 cr.	1/2 allowance	5-6.5 cr.
1-5.5 cr.	Proration of fee over period enrolled	1-4.5 cr.

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 HDFB 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.

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.

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:

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.

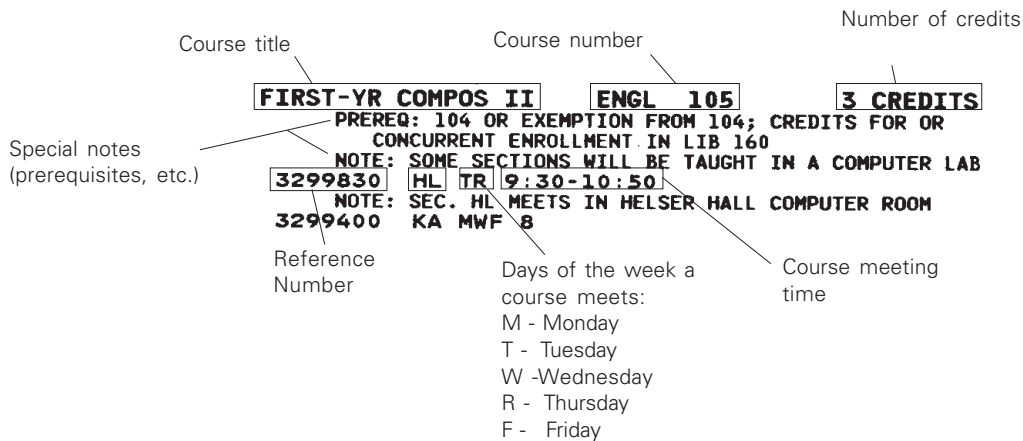
Warning

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

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.

- 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.

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.

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*.

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.

Registration Holds

If you have a registration hold, you will not have access to register until the hold has been released by the initiating office. Go to *AccessPlus*, *Current Student Information* to view any registration holds.

Restricted Sections of Courses

Some course sections are restricted to students who meet specific criteria (major, college, year-in-school, etc.). If a department agrees to waive the restriction due to extenuating circumstances, you must obtain the designated departmental signature on a Schedule Change/Restriction Waiver form and process the form in the Registrar's Student Scheduling Office, 10 Alumni Hall.

Room Assignments

Beginning Monday, April 25, find your room assignments by viewing your schedule on AccessPlus.

Time Conflicts

University policy states that you may not enroll in courses with time conflicts without approval from the involved instructors and/or departments. The web registration system will not prevent you from scheduling time conflicts. It is your responsibility to check your schedule for time conflicts.

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)

Cr. 4. May 22-June 17. MTWRF 8-5. Neil P. Bernstein, Mount Mercy College.

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)

Cr. 4. June 19-July 15. MTWRF 8-5. Kenneth L. Lang, Humboldt State University.

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)

Cr. 4. June 19-July 15. MTWRF 8-5. Mark Edlund, St. Croix Watershed Research Station, Science Museum of Minnesota, & Sarah Spaulding, Inst. of Arctic & Alpine Research, University of Colorado.

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

Ia LL 699I (A Ecl 699I, Anthr 699I, Bot 699I, Zool 699I)

Cr. 1-4

Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, 131 Bessey, for additional information.

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.

Reference #	Department	Course	Section	Credit	Meeting Day(s) and Time	Notes (OK, full, etc.)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Alternative courses

_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Notes

Adviser Signature: _____ Date Approved: _____

Registration Trial Schedule Grid

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
7:00 a.m.						
8:00 a.m.						
9:00 a.m.						
10:00 a.m.						
11:00 a.m.						
12:10 noon						
1:10 p.m.						
2:10 p.m.						
3:10 p.m.						
4:10 p.m.						
5:10 p.m.						
6:00 p.m.						
7:00 p.m.						
8:00 p.m.						
9:00 p.m.						

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

ACCOUNTING

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

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

MANAGERIAL ACCOUNTG 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:JULY 11-AUG 5

INTMD MANAGERL ACCT 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

INTMED 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
 1118010 A2 MTWRF 7:30-9:30
 SECT A2:JUNE 13-JULY 8
 SECTION A2 FOR BUS S, BUS U, FIN,
 MGMT, MIS,
 MKT, POM, TRLOG MAJORS ONLY

INDEPENDENT STUDY ACCT 490 1- 3 CR.
 PREREQ: 285, SR CLASSIFICATION, INSTR PERMISSN
 COURSE RESTRICTED TO ACCT MAJORS ONLY
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRO TO AUDITING ACCT 497 3 CR.
 PREREQ: 384, 386 AND STAT 326
 COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 1126005 A MTWRF 9:50-11:50
 SECT A:MAY 16-JUNE 10

ACC FOR STRATEG MGT ACCT 583 3 CR.
 PREREQ: 383, 508
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1009005 A MTWRF 2:30-4:30
 SECT A:JUNE 13-JULY 8

ADV FEDERAL TAXATN 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

STRATEG 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 MTWR 9:50-11:30
 SECT 1:MAY 16-JUNE 24

ADVERTSNG CREATIVTY ADVRT 334 3 CR.
 PREREQ: 301
 4669005 MTWR 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

COOPERATIVE 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

COOPERATIVE 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

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

AEROSPACE ENGINEERING**AEROSPACE ENGINEERING**

IND STDY 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 DYNA AER E 490D 1- 6 CR.

PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
***** SEE DEPT FOR REFERENCE NUMBERS

IND STD SPACECR 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 ENGINR AER E 490K 1- 6 CR.

PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY 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
1200005 ARRANGED, MAY 16-AUG 5

SPL TOP AER DYNAMCS 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 DYNA AER E 590D 1- 5 CR.

***** SEE DEPT FOR REFERENCE NUMBERS

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 VISCOUS 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 ENGINR AER E 590N 1- 5 CR.

***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT AER E 599 1- 5 CR.

1233006 AB ARRANGED BASTAWROS A

SECT AB:MAY 16-AUG 5

1233016 AM ARRANGED MITRA A

SECT AM:MAY 16-AUG 5

1233020 AR ARRANGED ROTHMAYER A

SECT AR:MAY 16-AUG 5

1233045 DC ARRANGED CHIMENTI D

SECT DC:MAY 16-AUG 5

1233074 FH ARRANGED HAAN F

SECT FH:MAY 16-AUG 5

1233080 GI ARRANGED INGER G

SECT GI:MAY 16-AUG 5

1233085 GR ARRANGED RAJAGOPALAN R

SECT GR:MAY 16-AUG 5

1233094 HH ARRANGED HU H

SECT HH:MAY 16-AUG 5

1233110 JT ARRANGED TANNEHILL J

SECT JT:MAY 16-AUG 5

1233112 JV ARRANGED VOGEL J

SECT JV:MAY 16-AUG 5

1233118 KH ARRANGED HSU D

SECT KH:MAY 16-AUG 5

1233125 LS ARRANGED SCHMERR L

SECT LS:MAY 16-AUG 5

1233155 PL ARRANGED LU P

SECT PL:MAY 16-AUG 5

1233160 PP ARRANGED SARKAR P

SECT PP:MAY 16-AUG 5

1233165 PS ARRANGED SHERMAN P

SECT PS:MAY 16-AUG 5

1233180 RH ARRANGED HINDMAN R

SECT RH:MAY 16-AUG 5

1233195 RT ARRANGED THOMPSON R

SECT RT:MAY 16-AUG 5

1233240 TM ARRANGED MCDANIEL T

SECT TM:MAY 16-AUG 5

1233245 TR ARRANGED RUDOLPHI T

SECT TR:MAY 16-AUG 5

1233246 TS ARRANGED SHIH T

SECT TS:MAY 16-AUG 5

1233260 VD ARRANGED DAYAL V

SECT VD:MAY 16-AUG 5

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 CLASSIFICATN
 8131005 ARRANGED, MAY 16-AUG 5

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

AFRICAN AMERICAN STUDIES

ETHNIC&RACE RELATNS AF AM 330 3 CR.
 PREREQ: SOC 130 OR 134
 MEETS U.S. DIVERSITY REQMT.
 8638005 A MTWRF 8:40-10:40
 SECT A:JUNE 13-JULY 8

INDEPENDENT STUDY AF AM 490 1- 3 CR.
 PREREQ: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR
 AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8357005 ARRANGED, MAY 16-AUG 5

AGRICULTURAL EDUCATION & STUDIES

FIELD EXP HIGH SCHL AGEDS 211A 1 CR.
 PREREQ: 110
 7586005 ARRANGED, MAY 16-AUG 5

FIELD EXP EXTENSION AGEDS 211B 1 CR.
 PREREQ: 110

AGRICULTURAL EDUCATION & STUDIES

FIELD EXP AG INDUST AGEDS 211C 1 CR.
 PREREQ: 110
 7603005 ARRANGED, MAY 16-AUG 5

SPECIAL PROBLEMS AGEDS 290 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1270005 ARRANGED, MAY 16-AUG 5

INTERNSHIP IN AGEDS AGEDS 412 2- 6 CR.
 PREREQ: 211, JR CLASSIF IN AGEDS, INSTR PERMISSN
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRV EXTENSXN EXPER AGEDS 418 2- 8 CR.
 PREREQ: 211, JR CLASSIFICTN, INSTRUCTOR PERMISSN
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1282005 ARRANGED, MAY 16-AUG 5
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

FARM MGMT&OPERATION AGEDS 450 3 CR.
 PREREQ: ECON 135, 330, JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1386005 1 MWF 12:10-4:00
 SECT 1:JUNE 13-AUG 5

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

IND STD LDRSHP,EVAL AGEDS 490B 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

IND STD BUS,PROD AG AGEDS 490C 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

IND STD EXTEN,INT'L AGEDS 490D 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

IND STD INSTR TCHNL AGEDS 490E 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 & 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

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 TOPIC EXTENSION AGEDS 590J 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 PROGRM PLAN AGEDS 590L 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

ADMINISTRTRN WORKSHSP 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

WKSHP 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

COOPERATIVE 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

COOPERATIVE 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 STUDY 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&N 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

COOPERATIVE 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

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

SPL TOPIC 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

ENGINEERG INTERNSHP 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

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 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, PERMISSION OF
 INSTRUCTOR, 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

AGRONOMY

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

INDEP STUDY 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 STUDY 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

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
 INSTRUCR 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
 INSTRUCR 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
 INSTRUCR 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 MORPHO 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 PLANT 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
 MW 1:20-4:20
 SECT A:MAY 16-JULY 8
 1061010 B MTWR 11:00-12:00
 TR 1:20-4:20
 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 SCIENCE

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 BIOLGY 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

TCHNQ 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

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 SCIEN 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 ANTHR 427I 4 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 3842005 MTWRF 8:00-5:00
 JUNE 19-JULY 15

ANTHROPOLOGY

ARCHAEOLOG FIELD SCHL ANTHR 429 4- 6 CR.
 PREREQ: 308, PERMISSION OF INSTRUCTOR
 FIELD TRIPS & TRAVEL FEE \$500.00
 1638005 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 ANTHR 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 ARCHAEOLOG 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

IND STD BIOL ANTHRO ANTHR 490C 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

ARCHAEOLOG 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

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

RESEARCH - IA LL ANTHR 699I 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 7824005 ARRANGED

ARCHITECTURE

PRACTICAL EXPERIENC ARCH 310 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 2544005 ARRANGED, MAY 16-AUG 5

IND STDY DSN COMMUN ARCH 490A 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

INDEP STUDY DESIGN ARCH 490B 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

IND STDY TECHN SYST ARCH 490C 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

IND STUDY ARCH HIST ARCH 490D 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

IND STUDY BEHAV STD ARCH 490E 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

ARCHITECTURE

INDEP STDY PRACTICE ARCH 490F 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

INDEP STUDY HONORS ARCH 490H 1- 9 CR.
 PREREQ: APPROVAL OF INSTR & DEPT CHAIR ON
 REQUIRED FORM. MEMBERSHIP IN THE HONORS PROGRAM.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

TOP STD TECH, STRUC ARCH 528G 2- 3 CR.
 PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2004
 FIELD TRIPS & TRAVEL FEE \$50.00
 1731005 1 ARRANGED
 SECT 1:JUNE 13-AUG 5
 TOPIC: FILE TO FABRICATION

TOPICL STD PRACTICE ARCH 528K 2- 3 CR.
 PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2005
 1863005 1 TR 2:30-5:00
 SECT 1:JUNE 13-AUG 5
 TOPIC: WRITING ABOUT ARCHITECTURE

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

SPECIAL TOPICS ARCH 590 1- 5 CR.
 PREREQ: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON APPROVED FORM
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP DESIGN STUDY ARCH 690 6 CR.
 PREREQ: ADMISSION TO MSAS OR M ARCH 30 CR PROGRAM
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

THESIS ARCH 699 3- 9 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART & DESIGN

DRAWING II ART 230 3 CR.
 PREREQ: 130
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID, AMDP, EL ED, BPM I, BPPI 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 ENROLLMENT
 7821005 JC ARRANGED
 SECT JC:MAY 16-AUG 5

MUSEUM/GALLERY 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
 DEPARTMENT PERMISSION REQUIRED;

PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI
 HALL

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 SPECIALZD
 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: CONCURRNT ENRLMNT 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 SPECIALZD
 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 SPECIALIZED
 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 SPECIALIZED
 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:GRAPHIC DESIGN

RESEARCH:THESIS EXH ARTGR 699B VAR. CR.
 MATERIALS FEE \$25.00
 8383005 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, BPPI MAJORS
 MATERIALS FEE \$20.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1766005 MTWRF 12:10-4:00
 MAY 16-JUNE 10

JEWELRY/METALSMTH 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 MTWRF 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 MTWRF 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, BPPI MAJORS
 PROFESSIONAL SUPPORT FEE \$12.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7828005 1 MTWRF 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 MTWRF 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 MTWRF 8:40-10:50
 MAY 16-JUNE 24

JEWELR/METALSMI 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 MTWRF 8:40-11:30
 MAY 16-JUNE 24

ART:INTEGRATED STUDIO ARTS

INDEP STDY 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
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY FIBERS ARTIS 490E 1- 6 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY PAINTING ARTIS 490I 1- 6 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** 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 REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$35.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** 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 MTWRF 1:00-5:00
 MAY 16-JUNE 10
 TOPIC: PASTELS

SPL TOP COMPUTR 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
 SPECIALZD
 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS PAINTING ARTIS 590I 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.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHOTOGRAPHY ARTIS 590J 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.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS WOOD ARTIS 590L 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.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$35.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIXED MEDIA ARTIS 590M 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

WORKSHOP: DRAWING ARTIS 593D 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-
 \$50.00
 5719005 MTWRF 1:00-5:00
 MAY 16-JUNE 10
 TOPIC: PASTELS

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
 1846005 A ARRANGED
 SECT A: MAY 16-AUG 5

INDEPENDENT STUDY ARTID 490 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

ART: INTERIOR DESIGN

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

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

RESEARCH: THESIS ARTID 699A VAR. CR.
 MATERIALS FEE \$5.00
 8389005 ARRANGED, MAY 16-AUG 5

RESEARCH: THESIS-EXH ARTID 699B VAR. CR.
 MATERIALS FEE \$5.00
 8390005 ARRANGED, MAY 16-AUG 5

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
 1951005 1 MTWF 11:00-12:00
 R 11:00-12:00
 SECT 1: JUNE 13-AUG 5
 1951010 2 MTWF 11:00-12:00
 R 12:10-1:10
 SECT 2: JUNE 13-AUG 5

INDEPENDENT STUDY ASTRO 290 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH ASTRO 450 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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
ELECTIVE1999005 MTWRF 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

INDEP 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 WITH WHOM
STUDENT PROPOSES TO WORK
***** SEE DEPT FOR REFERENCE NUMBERS

INTRO DNA TECHNIQS BBMB 542A 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7099005 MTRF 1:00-2:00
MTRF 2:00-4:00
JUNE 13-28

INTR PROTEIN TECHNQ BBMB 542B 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7100005 MTRF 1:00-2:00
MTRF 2:00-4:00
JULY 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 MTRF 1:00-2:00**BIOINFORMATICS AND COMPUTATIONAL BIOL**

INTR PROTEIN TECHNQ BCB 542B 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
1865005 MTRF 1:00-2:00
MTRF 2:00-4:00
JULY 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 MTWRF 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 MTWRF 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 MTWRF 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

INTERNAT FIELD TRIP BIOL 394B 1- 3 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: TWO COURSES IN THE BIOLOGICAL SCIENCES
AND BY APPROVAL OF APPLICATION
PERMISSION 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 BIOL 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.

COOPERATIVE EDUC BIOL 398 R CR.

PREREQ: PERMISSION OF THE DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
4546005 ARRANGED, MAY 16-AUG 5

UG INDEP STDY IA LL BIOL 490I 1- 4 CR.

PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND
PERMISSION OF INSTRUCTOR
NO MORE THAN 9 CREDITS IN BIOL 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

IND STD BIOL RESRCH BIOL 490R 1- 6 CR.

PREREQ: 8 CR IN BIOL & PERMISSION OF INSTRUCTOR
NO MORE THAN 9 CREDITS IN BIOL 490 MAY BE APPLIED
TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS

MAY BE APPLIED TO THE MAJOR
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY LAB TCHG BIOL 490U 1- 2 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: 8 CR IN BIOL & PERMISSION OF INSTRUCTOR
NO MORE THAN 9 CREDITS IN BIOL 490 MAY BE APPLIED
TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS

MAY BE APPLIED TO THE MAJOR
***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY

BIOLOGY INTERNSHIP BIOL 494 1- 3 CR.

PREREQ: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSN
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL ENGINEERING

SPL TOP BIOMECHANCS B M E 590G 1- 5 CR.
3495005 ARRANGED, MAY 16-AUG 5

ADV TOP BIOMECHANCS B M E 690G 1- 5 CR.
3504005 ARRANGED, MAY 16-AUG 5

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

BIOMEDICAL SCIENCES

INDEPENDENT STUDY B M S 490 1- 5 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS B M S 490H 1- 5 CR.

PREREQ: INSTR PERMISSION, HONORS PROG MEMBERSHIP
***** SEE DEPT FOR REFERENCE NUMBERS

RES METHD PHARMACOL B M S 501 3 CR.

PREREQ: GRAD CLASSIF, PHARMACOLOGY STAFF PERMISSN
6978005 ARRANGED, MAY 16-AUG 5

INTRO DNA TECHNIQS B M S 542A 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7133005 MTRF 1:00-2:00
MTRF 2:00-4:00
JUNE 13-28

INTR PROTEIN TECHNQ B M S 542B 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7134005 MTRF 1:00-2:00
MTRF 2:00-4:00
JULY 7-22

SPCL TOPICS ANATOMY B M S 590A 1- 7 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PHYSIOLOGY B M S 590B 1- 7 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC PHARMACOL B M S 590C 1- 7 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT B M 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

THRMCHM 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 MTWRF 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 MTWRF 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.
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 3831005 MTWRF 8:00-5:00
 JUNE 19-JULY 15

INTRODUCTION TO GIS BOT 461I 4 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 1840005 MTWRF 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 MTWRF 8:00-5:00
 JULY 17-AUG 11

IND STD PLT PHYSIOL 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 MORPHOLOGY BOT 490B 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

INDEP 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
 MEMBERSHIP IN UNIV HONORS PROGRAM
 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

UG INDEP STDY IA LL BOT 490I 1- 4 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND
 PERMISSION OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF BOT 490 MAY BE APPLIED
 TOWARD A DEGREE IN BOTANY
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 4018005 ARRANGED

INDEP STDY CYTOLOGY BOT 490J 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 STUDY AQUA ECOL BOT 490K 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

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 BIOLGY 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 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JUNE 13-28

INTR PROTEIN TECHNQ BOT 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7109005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JULY 7-22

BOTANY

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 CLASSIF
 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

RESRCH 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 BESSEY
 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 DOMESTIC INTERN BUSAD 291A 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: WRITTEN APPROVAL OF SUPERVISING
 INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 PRIOR 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 DOMESTIC 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
 PRIOR 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

BUSINESS ADMINISTRATION

EXP INT'L INTERNSHP BUSAD 491B 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
 PRIOR TO THE LEARNING EXPERIENCE.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

7512010 AF ARRANGED
 SECT AF:MAY 16-AUG 5

7512015 LO ARRANGED
 SECT LO:MAY 16-AUG 5

7512005 MM ARRANGED
 SECT MM:MAY 16-AUG 5

7512580 TC ARRANGED
 SECT TC:MAY 16-AUG 5

PRO EXPERIENTL LRNG BUSAD 591 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE STANDING; WRITTEN APPROVAL OF
 SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON
 REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE

7533015 DK ARRANGED
 SECT DK:MAY 16-AUG 5
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

7533005 HV ARRANGED
 SECT HV:MAY 16-AUG 5
 SEC HV OFFERED FOR 3 CREDITS
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

7533010 JM ARRANGED
 SECT JM:MAY 16-AUG 5
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

7533025 MP ARRANGED
 SECT MP:MAY 16-AUG 5
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

COOPERATIVE EDUCATN BUSAD 598 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

7906005 ARRANGED, 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

CREATV 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&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.

CHEMICAL ENGINEERING

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
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. CREDIT
FOR

EITHER CHEM 231 OR CHEM 331, 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 CONCERNED

***** 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 DEPARTMENT 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

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 DISORDERS

BASIC SIGN LANGUAGE CMDIS 286 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 2612005 A MTWRF 8:40-10:40
 SECT A:MAY 16-JUNE 10
 2612010 B MTWRF 11:00-1:00
 SECT B:MAY 16-JUNE 10

COMMUNICATION STUDIES

INTRO INTERPRS COMM COMST 102 3 CR.
 8105005 1 MTWRF 9:50-11:50
 SECT 1:MAY 16-JUNE 10

PROFESSIONAL COMMUNIC COMST 214 3 CR.
 9183005 MTWRF 12:10-2:10
 MAY 16-JUNE 10

ORGANIZATIONAL COMM COMST 314 3 CR.
 PREREQ: 101 OR 102; 203, 301
 6431005 1 MTWRF 9:50-11:50
 SECT 1:MAY 16-JUNE 10

SMALL GROUP COMM COMST 317 3 CR.
 PREREQ: 101 OR 102, 203, 301
 6433005 1 MTWRF 7:30-9:30
 SECT 1:MAY 16-JUNE 10

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.
 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.
 PREREQ: 451 OR EQUIVALENT
 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.
 PREREQ: SOPHOMORE CLASSIFICATION
 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 NGHBRHD 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&CIRCTS 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 MTWRF 7:30-8:30
MW 9:50-11:50
SECT 1:MAY 16-JULY 8
- 1992010 2 MTWRF 7:30-8:30
TR 9:50-11:50
SECT 2:MAY 16-JULY 8
- 1992015 3 MTWRF 7:30-8:30
MW 2:30-4:30
SECT 3:MAY 16-JULY 8

INTR MICROCONTRLLR 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 EDUCATN 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

COOPERATIVE EDUCATN CPR E 398 R CR.

PREREQ: 298, PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
2761005 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 INDEP STUDY CPR E 490H VAR. CR.

PREREQ: SENIOR CLASSIFICATION IN COMPUTER ENGR
MEMBERSHIP IN UNIV HONORS PROGRAM
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CPR E 498 R CR.

PREREQ: 398, 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

ENGINEERG INTERNSHP CPR E 697 R CR.

SATISFACTORY-FAIL ONLY.

PREREQ: PERMISSION OF DEPT CHAIR, GRAD CLASSIFCTN
7420005 ARRANGED, MAY 16-AUG 5

RESEARCH CPR E 699 VAR. CR.

***** SEE DEPT FOR REFERENCE NUMBERS

COMPUTER SCIENCE

COMPUTER APPLICATNS 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 STRUCTUR 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

COOPERATIVE 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

COOPERATIVE 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

COOPERATIVE 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

COOPERATIVE 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

COUNSELG 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
 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 ENRLMNT 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 MTWR 4:00-7:30PM
 JUNE 13-30

MIDL SCHL GRWTH&DEV C I 399 3 CR.
 PREREQ: PSYCH 230
 8003005 MTWR 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 MTWR 8:40-11:10
 SECT A:MAY 16-JUNE 10
 6292010 B MTWR 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

PRINCIPLS 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

CURRICULUM & INSTRUCTION

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:MAY 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

TCHNG 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

CURRICULUM & INSTRUCTION

THE JUNE 9 MTG WILL BE 8:00-12:00

SPRVSD TUTOR READNG C I 488 3 CR.
 PREREQ: 416 OR LAS 417
 5255005 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
 5255010 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

IND 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

IND 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

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

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

IND STDY FOUND EDUC C I 4900 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

FND INSTRCT 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 MTWRF 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:MAY 9-27

PRIN SECONDARY EDUC C I 526 3 CR.
 PREREQ: 6 CREDITS IN EDUCATION
 7724005 1 MTWRF 12:10-5:00
 SECT 1:JULY 11-22

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

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

RESTRUC SCIENC ACTV C I 548X 3 CR.
 8456005 1 MTWRF 11:30-2:20
 SECT 1:MAY 9-27

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

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

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

CURRICULUM & INSTRUCTION

SUPVS TUTOR READING C I 588 3 CR.
 PREREQ: 552
 9245005 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

9245010 2 MTWRF 8:00-12:00
 ARRANGED
 SECT 2:JUNE 13-JULY 22
 MEETINGS ON JUNE 13-17,24 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

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

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

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

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

SPL TOP LITERACY ED C I 590M 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

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

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 SPCL 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 SPCL TOP SCI ED C I 690C VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL 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 MTWRF 8:40-9:40
 SECT 1:MAY 16-JUNE 24
 SECTION 1 FOR WOMEN ONLY
 2842010 2 MTWRF 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

DESIGN 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 APPLIED TOWARD GRADUATION. ECON 101
MAY BE PAIRED WITH ECON 102 OR 201 OR 205 TO APPLY
TOWARD GRADUATION.

3100005 1 MTWRF 11:00-12:00

SECT 1:MAY 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:MAY 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:MAY 16-JULY 8

ECONOMICS

MONEY, BANK, FIN INST ECON 353 3 CR.

PREREQ: 101, 102

3103005 1 MTWRF 12:10-1:10

SECT 1:MAY 16-JULY 8

INDEPENDENT STUDY ECON 490 1- 5 CR.

SATISFACTORY-FAIL ONLY.

PREREQ: JR/SR CLASSIFICATION, 14 CREDITS IN ECON

COLLEGE OF AG STUDENTS MAY APPLY NO MORE THAN 6

CREDITS OF ECON 490 TOWARD THE TOTAL OF 128 CREDITS

REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY

APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD

GRADUATION

***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ECON 490H 1- 5 CR.

SATISFACTORY-FAIL ONLY.

PREREQ: JR/SR CLASSIFICATION, 14 CREDITS IN ECON.

AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON

490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY COUNT

NO MORE THAN 9 CREDITS OF ECON 490 TOWARD

GRADUATION.

COLLEGE OF AG STUDENTS MAY APPLY NO MORE THAN 6

CREDITS OF ECON 490 TOWARD THE TOTAL OF 128 CREDITS

REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY

APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD

GRADUATION

***** SEE DEPT FOR REFERENCE NUMBERS

APPL NUMRC MTHDS EC ECON 509X 3 CR.

PREREQ: 500, 501 OR 600, 601

4784005 1 TWR 4:00-6:15PM

SECT 1:JUNE 6-JULY 15

BUSINESS ECONOMICS ECON 532 3 CR.

PREREQ: 101 AND ENROLLMENT IN MBA OR BAS PROGRAM;

NOT FOR ECON MAJORS

COURSE RESTRICTED TO MBA STUDENTS ONLY

3128005 S S 8:30-12:00

S 1:00-4:30

SECT S:JUNE 25-AUG 6

NO MEETING JULY 2

SPECIAL TOPICS ECON 590 1- 5 CR.

SATISFACTORY-FAIL ONLY.

***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ECON 599 1- 5 CR.

SATISFACTORY-FAIL ONLY.

***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS ECON 690 1- 5 CR.

SATISFACTORY-FAIL ONLY.

3162005 ARRANGED, MAY 16-AUG 5

RESEARCH ECON 699 VAR. CR.

SATISFACTORY-FAIL ONLY.

***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION

ADMIN THEORY IN ED EDADM 553 3 CR.

PREREQ: 541

3219005 TWR 8:00-12:00

JUNE 23-JULY 26

NO SCHEDULED MEETINGS THE WEEK OF JULY

11.

FOR AMES COHORT 22.

EDUCATIONAL ADMINISTRATION

CULTR ANLY ADM PROB EDADM 556 3 CR.
 PREREQ: 541
 3287005 TWRP 8:00-12:00
 JULY 12-28
 FOR AMES COHORT 23

DSN&DELIV CURRICULA EDADM 559 3 CR.
 PREREQ: 541
 3416005 TWRP 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

FLD EXP ELEM PRINCI EDADM 591A 1- 8 CR.
 PREREQ: 541, ADMISS TO PROGRAM & INSTR'S APPROVAL
 9422005 1 ARRANGED
 SECT 1:MAY 16-AUG 5

FLD EXP SECOND PRIN EDADM 591B 1- 8 CR.
 PREREQ: 541, ADMISS TO PROGRAM & INSTR'S APPROVAL
 9423005 1 ARRANGED
 SECT 1:MAY 16-AUG 5

THESIS/CREATV COMPN EDADM 599 1- 3 CR.
 PREREQ: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS EDADM 690 1- 3 CR.
 PREREQ: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP EDADM 691 3 CR.
 PREREQ: 541, ADMISSION TO PROGRAM, INSTR APPROVAL
 6849005 ARRANGED, MAY 16-AUG 5

DISSERTATN RESEARCH EDADM 699 VAR. 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 E E 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: E E
 201,441,442
 2120005 1 MTWRF 1:20-2:20
 MW 2:30-4:30
 SECT 1:MAY 16-JULY 8
 2120010 2 MTWRF 1:20-2:20
 TR 2:30-4:30
 SECT 2:MAY 16-JULY 8

ELECTRICAL ENGINEERING

ELETRN DEVIC&CIRCTS E E 203 4 CR.
 PREREQ: 201, MATH 267, PHYS 222 AND CREDIT OR
 ENROLLMENT IN CPR E 210
 4639005 1 MTWRF 7:30-8:30
 MR 9:00-12:00
 SECT 1:MAY 16-JULY 8
 4639010 2 MTWRF 7:30-8:30
 TF 9:00-12:00
 SECT 2:MAY 16-JULY 8

COOPERATIVE EDUC E E 298 R CR.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 2888005 ARRANGED, MAY 16-AUG 5

SUMMER INTERNSHIP E E 396 R CR.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 7249005 ARRANGED, MAY 16-AUG 5

COOPERATIVE EDUC E E 398 R CR.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 2895005 ARRANGED, MAY 16-AUG 5

INTDISCP SYS EFFCTV E E 409 3 CR.
 PREREQ: JUNIOR OR SENIOR STANDING
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5944005 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

MICROELEC FABRICATN E E 432 4 CR.
 PREREQ: 332
 MATERIALS AND EQUIPMENT USE FEE \$250.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9222005 1 ARRANGED
 SECT 1:JUNE 13-AUG 5
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

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

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

COOPERATIVE EDUC E E 498 R CR.
 PREREQ: 398, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 2919005 ARRANGED, MAY 16-AUG 5

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 ELEC MAG 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 COMPTR ENGR E E 590E 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRC 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 DEVIC&CIR E E 590H 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

ENGINEERG INTERNSHP E E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPT CHAIR, GRAD CLASSIFCTN
 5716005 ARRANGED, MAY 16-AUG 5

RESEARCH E E 699 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

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 1 MTWRF 7:30-8:30
 SECT 1:MAY 16-JULY 8

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 1 MTWRF 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 1 TR 11:00-2:00
 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 1 MTWRF 8:40-9:40
 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 1 MTWRF 7:30-8:30
 MW 1:20-3:20
 SECT 1:MAY 16-JULY 8
 3013010 2 MTWRF 7:30-8:30
 MW 1:20-3:20
 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

SP TOP ADV COMP MTH E M 690Q 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP E M 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DOGE, GRAD CLASSIFICATION
 8134005 ARRANGED, MAY 16-AUG 5

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

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 MTWRF 9:50-10:50
 SECT 1:JUNE 13-AUG 5

ENGLISH NONNATIV II ENGL 101C 3 CR.
 PREREQ: RECOMMENDATION OF ENGLISH DEPARTMENT;
 101B OR PLACEMENT IN 101C
 ENGL 101C DOES NOT APPLY TOWARD GRADUATION
 3295005 1 MTR 12:10-1:55
 SECT 1:JUNE 13-AUG 5

ENGLISH NONNATIV II ENGL 101D 3 CR.
 PREREQ: RECOMMENDATION OF ENGLISH DEPARTMENT;
 101B OR PLACEMENT IN 101D
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 ENGL 101D DOES NOT APPLY TOWARD GRADUATION.
 3296005 1 MTWRF 8:40-9:40
 SECT 1:JUNE 13-AUG 5
 3296010 2 MTWRF 9:50-10:50
 SECT 2:JUNE 13-AUG 5
 3296015 3 MTWRF 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 MTWRF 8:40-9:40
 SECT A1:MAY 16-JULY 8
 3298015 B1 MTWRF 9:50-10:50
 SECT B1:JUNE 13-AUG 5
 3298025 C1 MTWRF 11:00-12:00
 SECT C1:JUNE 13-AUG 5
 3298030 D1 MTWRF 12:10-1:10
 SECT D1:JUNE 13-AUG 5
 3298035 E1 MTWR 1:00-2:20
 SECT E1:JUNE 13-AUG 5
 SEC E1 FOR APEX PROGRAM STUDENTS

ENGLISH

FIRST-YR COMPOS 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 MTWRF 8:40-9:40
 SECT A1:MAY 16-JULY 8
 3299010 B1 MTWRF 9:50-10:50
 SECT B1:MAY 16-JULY 8
 3299015 C1 MTWRF 11:00-12:00
 SECT C1:JUNE 13-AUG 5
 3299025 D1 MTWRF 9:50-10:50
 SECT D1:JUNE 13-AUG 5
 3299035 E1 MTWR 1:00-2:20
 SECT E1:JUNE 13-AUG 5
 SEC E1 FOR APEX PROGRAM STUDENTS ONLY

DESCRP ENGL GRAMMAR ENGL 220 3 CR.
 PREREQ: 105
 3308005 A MTWRF 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 MTWRF 7:30-8:30
 SECT 1:MAY 16-JULY 8
 3314010 2 MTWRF 8:40-9:40
 SECT 2:MAY 16-JULY 8
 3314015 3 MTWRF 8:40-9:40
 SECT 3:MAY 16-JULY 8
 3314020 4 MTWRF 8:40-9:40
 SECT 4:MAY 16-JULY 8
 3314025 5 MTWRF 9:50-10:50
 SECT 5:MAY 16-JULY 8
 3314030 6 MTWRF 9:50-10:50
 SECT 6:MAY 16-JULY 8
 3314035 7 MTWRF 9:50-10:50
 SECT 7:MAY 16-JULY 8
 3314040 8 MTWRF 11:00-12:00
 SECT 8:MAY 16-JULY 8
 3314045 9 MTWRF 11:00-12:00
 SECT 9:MAY 16-JULY 8
 3314050 10 MTWRF 12:10-1:10
 SECT 10:MAY 16-JULY 8
 3314055 11 MTWRF 12:10-1:10
 SECT 11:MAY 16-JULY 8
 3314060 12 MTWRF 1:20-2:20
 SECT 12:MAY 16-JULY 8
 3314065 13 MW 6:00-9:00PM
 SECT 13:MAY 16-JULY 8
 3314006 14 MTWRF 8:40-9:40
 SECT 14:JUNE 13-AUG 5
 3314016 15 MTWRF 8:40-9:40
 SECT 15:JUNE 13-AUG 5
 3314007 16 MTWRF 9:50-10:50
 SECT 16:JUNE 13-AUG 5
 3314017 17 MTWRF 9:50-10:50
 SECT 17:JUNE 13-AUG 5
 3314051 18 MTWRF 11:00-12:00
 SECT 18:JUNE 13-AUG 5
 3314075 19 MTWRF 12:10-1:10
 SECT 19:JUNE 13-AUG 5
 3314080 20 TR 6:15-8:40PM
 SECT 20:JUNE 13-AUG 5

ENGLISH

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 WRITNG ENGL 309 3 CR.
 PREREQ: 105, JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8089005 A MTWRF 11:00-12:00
 SECT A:MAY 16-JULY 8

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-JULY 8

TECHNICAL COMMUNCTN 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-JULY 8
 3356010 2 MTWRF 9:50-10:50
 SECT 2:MAY 16-JULY 8
 3356015 3 MTWRF 11:00-12:00
 SECT 3:MAY 16-JULY 8
 3356020 4 MTWRF 11:00-12:00
 SECT 4:MAY 16-JULY 8
 3356025 5 MTWRF 12:10-1:10
 SECT 5:MAY 16-JULY 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

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

AMER LIT: 1830-1914 ENGL 362 3 CR.
 PREREQ: 105; SOPHOMORE CLASSIFICATION
 3336005 A MWF 9:50-11:30
 SECT A:MAY 16-JULY 8

AMER LIT: 1914-PRES ENGL 364 3 CR.
 PREREQ: 105; SOPHOMORE CLASSIFICATION
 3338005 A MTWRF 11:00-12:00
 SECT A:JUNE 13-AUG 5

WRIT WORKSHPO POETRY ENGL 406 3 CR.
 PREREQ: 306
 3355005 A MTWRF 11:00-12:00
 SECT A:MAY 16-JULY 8

BUSI&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-JULY 8
 SECTION A1 RESTRICTED TO ENGL, TCOMM

MAJORS ONLY
 3358010 A2 MTWRF 11:00-12:00
 SECT A2:MAY 16-JULY 8
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

IND STDY 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

IND STD 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

INDEP STDY 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**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, JUNIOR CLASSIFICATION,
 PERMISSION OF 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 HONORS 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

TESL METHDS&MATERLS ENGL 518 3 CR.
 PREREQ: 511 OR AN INTRO COURSE IN LINGUISTICS
 5190005 A TR 2:30-5:50
 SECT A:JUNE 14-JULY 21

AUTOBIOGR,BI, MEMOIR ENGL 541 3 CR.
 PREREQ: 6 CREDITS IN LITERATURE
 3271005 A MW 6:00-9:40PM
 SECT A:JUNE 13-JULY 20

ADV IMAGIN WRT:LONG ENGL 553 3 CR.
 PREREQ: ENROLLMENT IN THE ENGLISH M.A. PROGRAM
 2965005 A TR 2:30-5:10
 SECT A:JUNE 13-AUG 5

PRA TCH ENG 2ND LNG ENGL 588 3 CR.
 PREREQ: 15 CREDITS TOWARDS TESL/APPLIED
 LINGUISTICS MASTER'S DEGREE
 3426005 A ARRANGED
 SECT A:MAY 16-AUG 5

SPL TOP LITERATURE ENGL 590A VAR. CR.
 PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TESL/LINGUI ENGL 590B VAR. CR.
 PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RHET & COMP ENGL 590C VAR. CR.
 PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP RHE&PRO COMM ENGL 590E VAR. CR.
 PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CREATV WRIT ENGL 590F VAR. CR.
 PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ENGL 599 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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 ECOLGY ENT 371I 4 CR.

PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
3755005 MTWRF 8:00-5:00
JULY 17-AUG 11

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

IND STDY LAB TEACHG ENT 490U 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

WKSHP INSECT MANAGE ENT 493 1 CR.

PREREQ: 370,372,376 OR 386
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3227005 ARRANGED, JUNE 20-22
WORKSHOP FEE APPLIES

SP TOP CHEM ECOLOGY ENT 590B 1- 3 CR.

PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECO&PEST MGT ENT 590C 1- 3 CR.

PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EVOL&SYSTMAT ENT 590D 1- 3 CR.

PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH TOPIC ENT 590E 1- 3 CR.

PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC MOLECULAR ENT 590G 1- 3 CR.

PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCHNG EXPER ENT 590K 1- 3 CR.

PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EXTENS INTRN ENT 590L 1- 3 CR.

PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

SPL TOP IMMATUR INS ENT 590M 1- 3 CR.

PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INSCT GENET ENT 590N 1- 3 CR.

PREREQ: 15 CREDITS 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

ENVIRONMENTAL SCIENCE

APPRENTICESHIP ENSCI 290 VAR. CR.

SATISFACTORY-FAIL ONLY.
PREREQ: APPROVAL OF THE ENVIR SCIENCE COORDINATOR
PERMISSION OF COORDINATOR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

ECOLOGY ENSCI 312 3 CR.

PREREQ: BIOL 202 OR MICRO 201, CHEM 164 OR 178,
MATH 165 OR 181
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$50.00
4996005 A MTWR 11:00-12:00
MW 1:20-4:20
SECT A:MAY 16-JULY 8
4996010 B MTWR 11:00-12:00
TR 1:20-4:20
SECT B:MAY 16-JULY 8

ECOLOGY ENSCI 312I 4 CR.

PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
5038005 MTWRF 8:00-5:00
MAY 22-JUNE 17

INTERNSHIP ENVI SCI ENSCI 390 VAR. CR.

SATISFACTORY-FAIL ONLY.
PREREQ: APPROVAL OF ENVIRONMENTAL SCI COORDINATOR
***** SEE DEPT FOR REFERENCE NUMBERS

WTRSHED HYDROL&SURF ENSCI 402I 4 CR.

PREREQ: FOUR COURSES IN PHYSICS OR BIOLOGICAL
SCIENCES OR ENGINEERING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - TO REGISTER, CONTACT
IOWA LAKESIDE LAB OFFICE, 131 BESSEY
1928005 MTWRF 8:00-5:00
JUNE 19-JULY 15

PRAIRIE ECOLOGY ENSCI 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
5041005 MTWRF 8:00-5:00
JUNE 19-JULY 15

EXERCISE AND SPORT SCIENCE

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 ECOLOGY, 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

INTERNSHP 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

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.
 EQUIPMENT USE 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

EXERCISE AND SPORT SCIENCE

BASIC ATHLETIC TRAIN EX SP 220 2 CR.

PREREQ: ZOOL 155
 MATERIALS FEE \$45.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5729005 1 MTWR 9:50-11:50
 SECT 1:MAY 16-JUNE 10
 5729010 2 MTWR 9:50-11:50
 SECT 2:JUNE 13-JULY 8

PHYS FITNESS & COND EX SP 258 2 CR.

PREREQ: HHP MAJORS ONLY
 CREDIT FOR EITHER EX SP 163 OR EX SP 258, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 PROFESSIONAL SUPPORT AND EQUIPMENT USE FEE
 \$10.00
 5732005 1 MTWR 8:40-10:20
 SECT 1:JUNE 13-JULY 21

ELEM&PRESCH MVMT ED EX SP 284 3 CR.

PREREQ: 3 CREDITS IN HUMAN DEVEL & FAMILY STUDIES
 CREDIT FOR EITHER EX SP 275 OR EX SP 284, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5737005 1 MTWRF 1:20-4:20
 SECT 1:JUNE 13-JULY 8

COACH THY&ADMIN ISS EX SP 315 3 CR.

5372005 1 MTWRF 8:40-9:40
 ARRANGED
 SECT 1:JUNE 13-JULY 28

BIOMECHANICS EX SP 355 3 CR.

PREREQ: 255, 258, H S 110, PHYS 106 OR 111
 MATERIALS AND EQUIPMENT USE FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5752005 1 MTW 11:00-1:00
 R 11:00-1:00
 SECT 1:MAY 16-JULY 8
 5752010 2 MTW 11:00-1:00
 R 1:00-3:00
 SECT 2:MAY 16-JULY 8

PHYSIOLOGY EXERCISE EX SP 358 3 CR.

PREREQ: 255,258, H S 110, ZOOL 255,255L,256,256L
 MATERIALS AND EQUIPMENT USE FEE \$35.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5766005 1 MTW 9:50-11:20
 R 9:50-11:50
 SECT 1:JUNE 13-AUG 5
 5766010 2 MTW 9:50-11:20
 F 9:50-11:50
 SECT 2:JUNE 13-AUG 5

SOC SPORT &EXERCISE EX SP 360 3 CR.

PREREQ: 255,258, H S 110, SOC 134 AND ONE OF
 STAT 101, 104 OR 226; OR EX SP 470
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5753005 1 MTWR 7:30-9:10
 SECT 1:MAY 16-JUNE 24

SPORT PSYCHOLOGY EX SP 365 3 CR.

PREREQ: 255,258, H S 110, PSYCH 101 OR 230
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5754005 1 MTWRF 12:10-1:10
 SECT 1:JUNE 13-AUG 5

MOTOR CNTROL LIFESP EX SP 372 3 CR.

PREREQ: 255,258, H S 110, PSYCH 101 OR 230,
 ZOOL 255
 MATERIALS AND EQUIPMENT USE FEE \$10.00
 9623005 1 MTWRF 7:30-9:30
 SECT 1:MAY 16-JULY 8

PRIN FITNESS ASSESS EX SP 458 4 CR.

PREREQ: 358
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5767005 1 MWF 7:30-9:10
 TR 7:30-9:30
 SECT 1:MAY 16-JULY 8

INTERN EXER LEADRSH EX SP 459 1 CR.

PREREQ: C- OR BETTER IN 259, CPR CERTIFICATION,
 CONCURRENT ENROLLMENT IN 458
 3473005 1 ARRANGED
 SECT 1:MAY 16-JULY 8

INTERNSHIP EXER SCI EX SP 485A 1-16 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: C- OR BETTER IN 458 AND 459, HHP MAJORS
 ONLY, CUMULATIVE GPA 2.0, SENIOR CLASSIFICATION AND
 ADVANCE REGISTRATION
 5772005 ARRANGED, MAY 16-AUG 5
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

INTERNSHP SPORT&ACT EX SP 485B 1-16 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: HHP MAJORS ONLY, CUM GPA 2.0, SENIOR
 CLASSIFICATION, ADVANCE REGISTRATION
 5773005 ARRANGED, MAY 16-AUG 5
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

INTERNSHP SPORT MGT EX SP 485C 1-16 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: SENIOR CLASSIFICATN, ADVANCE RESERVATION,
 350, 352, 435, 445, CUMULATIVE GPA 2.0
 9624005 ARRANGED, MAY 16-AUG 5
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

IND STUDY EXER&SPRT EX SP 490A 1- 3 CR.

PREREQ: 6 CR IN HHP AND PERMISSION OF COORDINATOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY COACHING EX SP 490B 1- 3 CR.

PREREQ: 6 CR IN HHP AND PERMISSION OF COORDINATOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXERCISE AND SPORT SCIENCE

INDEP 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

ADV PHYSIOL EXERC I EX SP 550 3 CR.
 PREREQ: 505
 5791005 1 MWF 8:40-9:40
 ARRANGED
 SECT 1:JUNE 13-AUG 5

SPECIAL TOPICS P E EX SP 590A 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO EX SP 590B 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS SPORT MGT EX SP 590C 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL EX SP 590D 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT SOCIO EX SP 590E 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH EX SP 590F 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR LEARN EX SP 590G 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS EX SP 590H 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E 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

SUP FLD EXP SPT MGT 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

EXERCISE AND SPORT SCIENCE

SUP FLD EXP EX PHYS EX SP 591D 1- 6 CR.
 PREREQ: 10 GRAD CR IN EX SP AND/OR RELATED AREA
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT EX SP 599 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH EX SP 699 1- 6 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FAMILY & CONSUMER SCIENCES ED & STUDIES

SUPV EXP ED SERVICE FCEDS 418A 3- 8 CR.
 PREREQ: 415, 24 CREDITS IN FAMILY & CONSUMER SCI
 RESERVATION REQUIRED. CONTACT DEPARTMENT.
 2313005 1 ARRANGED
 SECT 1:MAY 16-AUG 5
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SUPV EXP FCS STUDIE FCEDS 418B 3- 8 CR.
 PREREQ: 421, 24 CREDITS IN FAMILY & CONSUMER SCI
 RESERVATION REQUIRED. CONTACT DEPARTMENT.
 2359005 ARRANGED, MAY 16-AUG 5
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SPL TOP OCCUPATN ED FCEDS 590F VAR. CR.
 PREREQ: 6 CREDITS IN FCS OR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

FINANCE

PRINCIPL 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,
 BUS U, FIN,
 MGMT, MIS, MKT, POM, TRLOG MAJORS
 ONLY
 3689010 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 MTWRF 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 INTERNSHP 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOOD SCIENCE & HUMAN NUTRITION

INTRO HUMAN NUTRITN FS HN 167 3 CR.
 PREREQ: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
 3600005 MTWR 11:00-12:30
 MAY 16-JULY 8

FOOD SCIENCE & HUMAN NUTRITION

FUND HUMAN NUTRITN FS HN 261 2 CR.
 PREREQ: CREDIT OR ENRLMNT 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 MTWRF 8:40-10:50
 MAY 16-JUNE 10

FOOD LAWS®L PROC FS HN 403 2 CR.
 PREREQ: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT
 200 LEVEL OR ABOVE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3679005 MTWRF 8:40-10:10
 MAY 16-JUNE 10

DIETETICS MANAGEMNT 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 DIETETCS II FS HN 443 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CONCURRENT ENROLLMNT IN 442. FOR STUDENTS
 ENROLLED IN THE DIETETIC INTERNSHIP PROGRAM.
 4594005 ARRANGED
 APRIL 30-JULY 2

EXPER COMMUNTY DIET FS HN 445 5 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 ENROLLMNT DIETETIC INTERNSHIP
 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

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
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOOD SCIENCE & HUMAN NUTRITION

FOOD SCIENCE & HUMAN NUTRITION

IND STUDY NUTRITION FS HN 490C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 6 CREDITS OF FS HN 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS FS HN 490H VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM
 NO MORE THAN 6 CREDITS OF FS HN 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK DIETETICS FS HN 491A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCE APPROVAL OF INSTRUCTOR, ADVISER
 AND DEPARTMENT CHAIR
 COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2005.
 A MAXIMUM OF 3 CREDITS IN FS HN 491A,B,C MAY BE
 APPLIED TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK FOOD SCI FS HN 491B VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCE APPROVAL OF INSTRUCTOR, ADVISER
 AND DEPARTMENT CHAIR
 COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2005.
 A MAXIMUM OF 3 CREDITS IN FS HN 491A,B,C MAY BE
 APPLIED TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK NUTRITION FS HN 491C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCE APPROVAL OF INSTRUCTOR, ADVISER
 AND DEPARTMENT CHAIR
 COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2005.
 A MAXIMUM OF 3 CREDITS IN FS HN 491A,B,C MAY BE
 APPLIED TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TRAVEL - INTERNATNL FS HN 496A 2- 4 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6295500 CR ARRANGED REITMEIER C
 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

UNDERGRAD RESEARCH FS HN 499 VAR. CR.
 PREREQ: PERMISSION OF STAFF MEMBER WITH WHOM
 STUDENT PROPOSES TO WORK
 A MAXIMUM OF 6 CREDITS OF FS HN 499 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRO DNA TECHNIQS FS HN 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 7123005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JUNE 13-28

INTR PROTEIN TECHNQ FS HN 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 7124005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JULY 7-22

MEDICAL DIETETCS II FS HN 543 3 CR.
 PREREQ: FOR STUDENTS ENROLLED IN THE DIETETIC
 INTERNSHIP PROGRAM
 4321005 ARRANGED
 APRIL 30-JULY 8

PROF DEVEL ASSESSMT FS HN 548 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CONCURRENT ENROLLMENT IN DIETETIC
 INTERNSHIP OR MFCS DIETETIC OPTION
 6980005 ARRANGED
 JUNE 6-AUG 26

SPCL TOPICS NUTRITN FS HN 590A VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FOOD SCI FS HN 590B VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING FS HN 590C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

TRAVEL - INTERNATNL FS HN 596A 2- 4 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6306500 CR ARRANGED REITMEIER C
 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 FS HN 599 VAR. CR.
 3213047 MR ARRANGED
 SECT MR:MAY 16-AUG 5

SEMINAR FS HN 681 1 CR.
 3648005 ARRANGED, MAY 16-AUG 5

RESEARCH NUTRITION FS HN 699A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH FOOD SCI FS HN 699B VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

SPL PROB LEADERSHIP FOR 290A 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
 7928005 ARRANGED, MAY 16-AUG 5

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 FO&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 RESRCH 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

FORESTRY

FOR MGT&ADMIN RSRCH FOR 699D 1- 9 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RESRCH FOR 699E 1- 9 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH PLANT PHYSIOL FOR 699F 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

ELEMENTARY 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 PERMSN
 AG COLLEGE STUDENTS MAY APPLY NO MORE THAN
 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GENETICS

BIOTEC AG, FOOD, HLTH GEN 508 3 CR.
 PREREQ: BIOL 201 AND 202
 5297005 A ARRANGED
 SECT 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 GEN 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 CREDIT.
 3881005 1 ARRANGED
 SECT 1: MAY 21-JULY 2

INDEPENDENT STUDY GEOL 490 1- 4 CR.
 PREREQ: 6 CR IN GEOLOGY & PERMISSN 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

GEOLOGY

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

SPCL TOP STRUCTURAL GEOL 590F 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEOCHEM GEOL 590G 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS HYDROGEOL 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

SPCL TOP GEOPHYSICS GEOL 590K 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL 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 PALEOECO&CLI 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 COMPUTA&GIS 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 DINOSA GEOL 593B 1- 3 CR.
 8467005 ARRANGED
 DATES TO BE ANN.
 TAUGHT IN SHELL, WY
 WORKSHOP FEE APPLIES

GEOLOGY

BIG HORN MOUNTNS,WY GEOL 593C 1- 3 CR.
 8469005 ARRANGED
 DATES TO BE ANN.
 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

RESEARCH 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

RSRCH 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 PALEOECO&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

GERMAN

ELEMENTARY GERMAN II GER 102 4 CR.
 PREREQ: 97 OR 101
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3950005 1 MTWRF 8:40-12:00
 SECT 1:JUNE 13-JULY 8

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: PFF ADMISSION; COMPLETION OF GR ST 585X
 OR INSTRUCTOR PERMISSION; CREDIT FOR 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: PFF 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-JULY 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-JULY 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: PSYCH 101 OR 230
 4083005 1 MTWRF 8:40-10:40
 SECT 1:MAY 16-JUNE 10

HEALTH ED ELEM SCHL H S 275 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:MAY 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:MAY 16-JUNE 10
 4089010 2 MTWRF 9:50-11:50
 SECT 2: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
 4111005 WRF 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 MTWR 4:00-9:00PM
 S 8:00-1:00
 SECT 1:MAY 16-JUNE 6
 MEETINGS ON MAY 16-18, 21 MAY 31-JUNE

STUDENTS AMER HG ED HG ED 578 3 CR.
 PREREQ: ADMISSION TO HIGHER EDUCATION PROGRAM
 7348005 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 WRF 8:40-4:40
 JUNE 22-JULY 15
 MEETINGS ON JUNE 22-24 AND JULY 13-

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:MAY 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

SEM N 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 WR 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 MTWRF 9:50-11:50
 MAY 16-JUNE 10

SURVEY U.S. HIST II HIST 222 3 CR.
 4156005 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 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 MTWRF 9:50-11:50
 JULY 11-AUG 5

HISTORY

INDEPENDENT STUDY HIST 490 1- 3 CR.
 PREREQ: 9 CREDITS IN HISTORY; PERMISSION OF
 DEPARTMENT CHAIR
 COURSE NOT OPEN TO FRESHMEN. NO MORE THAN 9
 CREDITS OF HIST 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 HORT 391 MAY BE APPLIED
 TOWARD THE HORTICULTURAL SCIENCES COURSE
 REQUIREMENTS
 A MAXIMUM OF 4 CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION
 ***** 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-COMMO 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

HORTICULTR 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
 FO 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

WORKSHP 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 LANDSCAP 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 LANDSCAP HORT HORT 699G VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOTEL RESTAURANT & INSTITUTION MGT

INT'L STDY HOSPTLTY 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 HOSPLITY 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 HOSPTLTY 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 COMPUTER INTERACTION

RESEARCH HCI 699 VAR. CR.

SATISFACTORY-FAIL ONLY.

***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

INDV&FAM 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

DEVL MID CHILDHOOD HD FS 226 3 CR.

PREREQ: 102 OR PSYCH 230

2193005 1 MTWR 8:40-10:40 TORRIE M

MTWR 11:00-1:00 TORRIE M

SECT 1:JUNE 27-JULY 22

2193010 2 MTWR 8:40-10:40 TORRIE M

MTWR 1:00-3:00 TORRIE M

SECT 2:JUNE 27-JULY 22

2193020 3 MTWR 8:40-10:40 TORRIE M

MTWR 3:00-5:00 TORRIE M

SECT 3:JUNE 27-JULY 22

2193025 4 MTWR 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

FLD EXP EARLY CHILD HD FS 317A VAR. CR.

SATISFACTORY-FAIL ONLY.

PREREQ: 343, PERMISSION OF INSTRUCTOR

***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMILY SERV HD FS 317B VAR. CR.

SATISFACTORY-FAIL ONLY.

PREREQ: 9 CREDITS IN HD FS, INSTRUCTOR PERMISSION

***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP EARLY SP ED HD FS 317C VAR. CR.

SATISFACTORY-FAIL ONLY.

PREREQ: 220, 221, PERMISSION OF INSTRUCTOR

***** SEE DEPT FOR REFERENCE NUMBERS

FLD EX CARE 5+YR OLD HD FS 317D VAR. CR.

SATISFACTORY-FAIL ONLY.

PREREQ: 226, PERMISSION OF INSTRUCTOR

***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

HUMAN DEVELOPMENT & FAMILY STUDIES

FLD EXP INF/TODDLER HD FS 317E VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 340, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXPRNC RESEARCH HD FS 317F VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 269, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAM RES MGT HD FS 317G VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 283, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FIELD EXP HOUS PROG HD FS 317K VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ASS'MT&PROG:AGE 3-6 HD FS 343 4 CR.
 PREREQ: 221; 240; 269 OR PSYCH 333
 PROFESSIONAL SUPPORT FEE \$25.00

2205005	1	MTWR 1:20-2:55	GODFREY M
		MW 9:00-12:00	GODFREY M
		SECT 1:MAY 16-JULY 8	
2205010	2	MTWR 1:20-2:55	GODFREY M
		MF 9:00-12:00	GODFREY M
		SECT 2:MAY 16-JULY 8	
2205015	3	MTWR 1:20-2:55	GODFREY M
		TR 9:00-12:00	GODFREY M
		SECT 3:MAY 16-JULY 8	
2205020	4	MTWR 1:20-2:55	GODFREY M
		WF 9:00-12:00	GODFREY M
		SECT 4:MAY 16-JULY 8	

COMM HUM&FAMILY DEV HD FS 370 3 CR.
 PREREQ: 3 CREDITS IN SOCIAL SCIENCES
 3503005 MTWRF 8:40-10:50
 JULY 11-AUG 5

AGING & THE FAMILY HD FS 377 3 CR.
 PREREQ: 102
 MEETS U.S. DIVERSITY REQMT.
 3506005 MTWRF 9:50-11:50 MARTIN P
 MAY 16-JUNE 10

IND STD CHILD&FAMLY HD FS 490A VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HOUSING HD FS 490B VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD RESOURC MGT HD FS 490C VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EARLY EDUC HD FS 490F VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST EARLY SPL ED HD FS 490G VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H VAR. CR.
 PREREQ: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST HUM DEV&FMLY HD FS 490I VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY RESEARCH HD FS 490R VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM HD FS 491 4- 8 CR.
 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

THEORIES HUMAN DEVE HD FS 510 3 CR.
 PREREQ: 6 CREDITS OF SOCIAL SCIENCE
 7702005 MTWR 8:40-11:10 DRAPER D
 JUNE 13-JULY 8

SEX THERAPY HD FS 586 3 CR.
 PREREQ: 578 OR 571
 7421005 MTWRF 9:50-1:00 JOANNING H
 JUNE 13-JULY 1

SPCL TOP FAMILY STD HD FS 590A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS HOUSING HD FS 590B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RESOURC MGT HD FS 590C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN DEVEL HD FS 590D VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CHILD DEVEL HD FS 590E VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY EDUC HD FS 590F VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY SP ED HD FS 590G VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES**HUMAN DEVELOPMENT & FAMILY STUDIES**

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

SPL TOPICS THERAPY HD FS 590M VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMLY POLCY HD FS 590N VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM FAM STUDI HD FS 591A VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM HOUSING HD FS 591B VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTM RESOURCE MGT HD FS 591C VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM HUM DEVEL HD FS 591D VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM CHILD DEV HD FS 591E VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM EARLY ED HD FS 591F VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTM EARLY SPL ED HD FS 591G VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACT HUM DEV, FAMLY HD FS 591I VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM THERAPY HD FS 591M VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

EVIDNC BASED THERAP HD FS 673 3 CR.
 PREREQ: 571, 574
 9310005 MTWRF 12:10-2:20 MICHAELS M
 MAY 16-JUNE 10

ADV TOP FAMILY STDI HD FS 690A VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS HOUSING HD FS 690B VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP RESOURC MGT HD FS 690C VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN DEVEL HD FS 690D VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CHILD DEVEL HD FS 690E VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY EDUC HD FS 690F VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY SP ED HD FS 690G VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN, FAMLY HD FS 690I VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS THERAPY HD FS 690M VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSP HD FS 691A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP HD FS 691B VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FAM THRPHY INTERNSHP HD FS 691C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY STUDIE HD FS 699A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HOUSING HD FS 699B VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES FAM RESOURC MGT HD FS 699C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HUMAN DEV HD FS 699D VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CHILD DEV HD FS 699E VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING

COOPERATIVE EDUC I E 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 4407005 ARRANGED, MAY 16-AUG 5

ENGR 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.
 SATISFACTORY-FAIL ONLY.
 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.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 4424005 ARRANGED, MAY 16-AUG 5

INTDISCP SYS EFFCTV I E 409 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5998005 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

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.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD HUMAN FACTR I E 490B 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD OPER RESRCH I E 490C 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD ENTPRSE CMP I E 490D 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENGR MGT I E 490E 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I E 490H 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 UNIV HONORS PROGRAM MEMBERSHIP
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN I E 498 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 4442005 ARRANGED, MAY 16-AUG 5

SPL TOP MANUFACTRNG I E 590A 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN FACTR I E 590B 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OPER RESRCH I E 590C 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENTERP CMPU I E 590D 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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: 395, 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

INDUSTRIAL TECHNOLOGY

IND STUDY MANUFACTG I TEC 490M 1- 5 CR.
 PREREQ: GPA OF 2.5 OR BETTER FOR 2 PRECEDING SEM
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD OCCUP SAFET I TEC 4900 1- 5 CR.
 PREREQ: GPA OF 2.5 OR BETTER FOR 2 PRECEDING SEM
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP INDUS TEC I TEC 549 1- 4 CR.
 PREREQ: 10 HOURS IN INDUSTRIAL TECHNOLOGY
 4646005 ARRANGED, MAY 16-AUG 5

SPL TOP MANUFACTURG I TEC 590M 1- 4 CR.
 PREREQ: GRADUATE CLASSIFICATION IN I TEC
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCCUP SAFET I TEC 5900 1- 4 CR.
 PREREQ: GRAD CLASSIFICATION IN INDUSTRIAL TECH
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TRAIN&DEVEL I TEC 590T 1- 4 CR.
 PREREQ: GRAD CLASSIFICATION IN INDUSTRIAL TECH
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT I TEC 599 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH I TEC 699 VAR. CR.
 COURSE ONLY OFFERED FOR 1-6 CREDITS SUMMER 2005
 ***** 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 INTERNSHP 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

IOWA LAKESIDE LABORATORY

ECOLOGY IA LL 312I 4 CR.
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 3707005 MTWRF 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 MTWRF 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 MTWRF 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 MTWRF 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 MTWRF 8:00-5:00
 JUNE 19-JULY 15

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
 3830005 MTWRF 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 MTWRF 8:00-5:00
 JUNE 19-JULY 15

ILLUST NATUR:SKETCH IA LL 435I 2 CR.
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 8049005 MTWRF 8:00-5:00
 MAY 22-JUNE 10

ILLUSTR NATUR:PHOTO IA LL 436I 2 CR.
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 8053005 MTWRF 8:00-5:00
 JUNE 5-17

INTRODUCTION TO GIS IA LL 461I 4 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 8067005 MTWRF 8:00-5:00
 MAY 22-JUNE 17

PLANT ECOLOGY IA LL 484I 4 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 3843005 MTWRF 8:00-5:00
 JULY 17-AUG 11

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

NATUR HIST PRAIRIES IA LL 493G 1- 2 CR.
 COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2005
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 4932005 MTWRF 8:00-5:00
 JUNE 19-24

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 MTWRF 8:00-5:00
 JULY 31-AUG 5

N HIST FIELD ARCHAIE IA LL 493P 1- 2 CR.
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 5718005 1 MTWRF 8:00-5:00
 SECT 1:JULY 3-8
 SECTION 1 OFFERED FOR 1 CREDIT
 5718010 2 MTWRF 8:00-5:00
 SECT 2:JULY 10-15
 SECTION 2 OFFERED FOR 1 CREDIT
 5718015 3 MTWRF 8:00-5:00
 SECT 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 PERMISSN
 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 MTWRF 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 INTERNSHPS IA LL 503 1- 5 CR.
 PREREQ: PERMISN 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

TCHNQ TCHG ANIM BIO IA LL 573A 1- 2 CR.
 COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2005
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 7451005 1 MTWRF 8:00-5:00
 SECT 1:JUNE 12-17
 7451010 2 MTWRF 8:00-5:00
 SECT 2:JUNE 26-JULY 1

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

GRAD IND STDY IA LL IA LL 590I 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR & GRAD CLASSIF
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 3977005 1 ARRANGED

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

MASS MEDIA & SOCIETY JL MC 101 3 CR.
 4656005 1 MTWRF 12:10-2:10
 SECT 1:JUNE 13-JULY 8

REPORT&WRIT 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

JOURNALISM & MASS COMMUNICATION

REPORT&WRIT MASS MD JL MC 201 3 CR.
 4658010 2 MTWR 1:20-3:30
 SECT 2:JUNE 13-AUG 5

INT REPORT MASS MED 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 MTWRF 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 MTWRF 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.
 4688005 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**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 TECHNOL 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

INDEP 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 STDY PUBLIC REL 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

IND STD SPICAL COMM JL MC 490O 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

INDEPENDT 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 OPINION 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 STDY 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 CLASSIF
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 STUDIE JL MC 590A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SPICALZ JL MC 590B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS RESEARCH JL MC 590C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

PROFESNL INTERNSHIP JL MC 591 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

THSIS RSRCH/CRTV CM JL MC 599 VAR. CR.
 PREREQ: APPROVED PROPOSAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH JL MC 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

LAND ARCH INTERNSHP L A 451A R CR.
 PREREQ: 450, DSN S 301, PERMSN OF ADVISOR & CHAIR
 3036005 1 ARRANGED
 SECT 1:MAY 16-AUG 5

L ARCH STUDY ABROAD L A 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 L A 451C R CR.
 PREREQ: 450, DSN S 301, PERMISSION OF ADVISOR AND
 DEPT CHAIR
 6213005 ARRANGED, MAY 16-AUG 5

INTRODUCTION TO GIS L A 461I 4 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 8068005 MTWRF 8:00-5:00
 MAY 22-JUNE 17

IND STDY LAND DSIGN L A 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

IND STDY PLNTNG DSN L A 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CONSTRUCT L A 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY L A 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD LANDSC PLAN L A 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY URBAN DSGN L A 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY GRAPHICS L A 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS L A 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INTERDISC L A 490I 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

IND STD INT'L STUDI L A 490J 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

IND STDY CMPTR APPL L A 490K 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**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

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 CMPTR 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

SPL TOPC ECO DESIGN L A 590L 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 PROF
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 LATIN 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 LAS 211 3 CR.

MEETS U.S. DIVERSITY & INTL PERSPECTIVES REQMT.

2890005 1 MTWRF 9:50-11:10

SECT 1:JUNE 27-AUG 5

SPECIAL PROBLEMS LAS 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

INTERNSHIP LAS 499 1- 4 CR.
 PREREQ: PERMISSION OF DEAN OF COLLEGE OF LAS
 PERMISSION OF LAS ASSOC DEAN ZORA ZIMMERMAN
 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
 4862005 1 MW 8:40-9:40
 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

LIBRARY

LIB INSTRUCTION LIB 160 .5 CR.
 4862020 4 TR 1:20-2:20
 SECT 4: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

SPL TOP TESL/LINGUI LING 590B VAR. CR.
 PREREQ: GRAD STUDIES COMMITTEE PERMISSION THROUGH
 GUIDELINES AVAILABLE IN DEPARTMENT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT

MANAGMT ORGANIZATNS 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 MANAGEMNT 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
 SECT A:MAY 16-JUNE 10
 5294025 B MTWRF 7:30-9:30
 SECT B:JUNE 13-JULY 8
 5294015 C MTWRF 7:30-9:30
 SECT C:JULY 11-AUG 5

INDEPENDENT STUDY MGMT 490 1- 3 CR.
 PREREQ: 370, SR CLASSIFICATION, INSTR PERMISSN
 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
 5290005 A MTWRF 7:30-9:30
 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:MAY 16-JUNE 10

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

MANAGEMENT INFORMATION SYSTEMS

INDEPENDENT STUDY MIS 490 1- 3 CR.
 PREREQ: 330, SENIOR CLASSIFICATION, PERMISSION
 OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ELECTRONIC COMMERCE MIS 534 3 CR.
 PREREQ: 503
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 4368005 S S 8:30-4:30
 SECT S:JUNE 25-AUG 6

SPECIAL TOPICS MIS 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT MIS 599 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF
 SUPERVISORY COMMITTEE CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MIS 699 3- 6 CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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, MGMT, MIS, MKT, POM, TRLOG
 MAJORS ONLY
 5352010 A2 MTWRF 9:50-11:50
 SECT A2:MAY 16-JUNE 10
 SECTION A2 FOR COLLEGES OTHER THAN
 BUSINESS

STRATEGC MRKTNG 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 CLASSIFICATN; INSTRUCTOR PERMISSN
 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 S S 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

COOPERATIVE 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

COOPERATIVE 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
 HALL APPROVED ADD SLIP IN 10 ALUMNI

INDEPENDENT STUDY MAT E 490 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE 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

TECHNLGY FOR TEACHR M S E 570 2 CR.
 8315005 MTWRF 8:30-11:30
 MTWRF 12:30-3:30
 JUNE 6-10

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/FEEDINFO.HTML](http://www.iastate.edu/~REGISTRAR/FEES/FEEDINFO.HTML)
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5115005 A1 MTWRF 8:15-9:45
 SECT A1: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, 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
 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&ANALY 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 S 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.

5135010 B1 ARRANGED
M 11:00-12:00
R 11:00-12:00
SECT B1:MAY 16-JULY 8
SEC B1 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, 160, 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

STUDENTS ONLY

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

MATHEMATICS

CALCULUS III MATH 265 4 CR.

PREREQ: GRADE OF C- OR BETTER IN 166, 166H, OR 176

5151005 A1 MTWRF 9:50-11:10
SECT A1:MAY 16-JULY 8
5151010 A2 MTWRF 9:50-11:10
SECT A2:MAY 16-JULY 8
5151015 B1 MTWRF 9:50-11:10
SECT B1:JUNE 13-AUG 5

ELEM DIFF EQUATNS MATH 266 3 CR.

PREREQ: GRADE OF C- OR BETTER IN 166, 166H, OR 176

CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED

TOWARD

GRADUATION
5152005 A MTWRF 11:00-12:00
SECT A:MAY 16-JULY 8

DIFF EQ & TRANSFMS MATH 267 4 CR.

PREREQ: GRADE OF C- OR BETTER IN 166, 166H, OR 176

CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED

TOWARD

GRADUATION
5153005 A MTWRF 12:10-1:30
SECT A:MAY 16-JULY 8
5153010 B MTWRF 12:10-1:30
SECT B:JUNE 13-AUG 5

SPECIAL PROBLEMS MATH 290 1- 3 CR.

DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5156005 ARRANGED, MAY 16-AUG 5

SPECIAL PROB HONORS MATH 290H 1- 3 CR.

PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5157005 ARRANGED, MAY 16-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:MAY 16-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
MAY 16-JULY 8

ADV CALC APPLD MATH MATH 465 4 CR.

PREREQ: 265 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5178005 MTWRF 12:10-1:30
MAY 16-JULY 8

MECHANICAL ENGINEERING**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

INDEP 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 THERMODYNAMICS 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

COOPERATIVE EDUCATN M E 298 R CR.

PREREQ: PERMISSION OF DEPT CHAIR
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT

4869005 ARRANGED, MAY 16-AUG 5

MANUFACTURING ENGR M E 324 4 CR.

PREREQ: MAT E 272, E M 324
COURSE RESTRICTED TO M E, A E MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

6277005 A MTWRF 8:40-9:40

MW 1:20-3:20

SECT A:MAY 16-JULY 8

6277010 B MTWRF 8:40-9:40

TR 1:20-3:20

SECT B:MAY 16-JULY 8

MACHINE DESIGN M E 325 3 CR.

PREREQ: ENGR 170, E M 324, STAT 305
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2005.

RESTRICTED TO A E, M E MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

6287005 A MTWRF 11:00-12:00

SECT A:MAY 16-JULY 8

ENGR THERMODYNAMICS 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

MECHANICAL ENGINEERING**MECHANICAL ENGINEERING**

IND STD MATRLS &MFG M E 490G 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS M E 490H 1- 6 CR.
 PREREQ: SR CLASSIFCATN, MEMBERSHIP IN HONORS PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY THERMODYN M E 490J 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD FLUID MECH M E 490K 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD TURBOMACHIN M E 490L 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STD NUCL ENGR M E 490M 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY CAD/CAM M E 490N 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E 498 R CR.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
 COLLEGE WILL REGISTER STUDENT
 4918005 ARRANGED, MAY 16-AUG 5

SPL TOP EXP GAS DYN M E 590A 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLUID MECH M E 590B 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HEAT TRANSF M E 590C 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC THERMODYN M E 590D 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TURBOMACHIN M E 590E 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP VEHI PROPUL M E 590F 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV MACH DSN M E 590G 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AUTO CONTRL M E 590I 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIR &DSGN M E 590J 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MATLS BEHAV M E 590K 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MFG PROCESS M E 590L 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC TRIBOLOGY M E 590M 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SENSTV METH M E 590N 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR COMPUT M E 590O 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR MEASUR M E 590P 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LIT INVESTIG M E 590Q 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOP CAD/CAM M E 590S 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

ADV TOP EXP GAS DYN M E 690A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FLUID MECH M E 690B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HEAT TRANSF M E 690C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC THERMODYN M E 690D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP TURBOMACHIN M E 690E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP VEHI PROPUL M E 690F VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MACH DESIGN M E 690G VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AUTO CONTRL M E 690I VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MATLS BEHAV M E 690K VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MFG PROCESS M E 690L VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC TRIBOLOGY M E 690M VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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.
 SATISFACTORY-FAIL ONLY.
 ***** 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; SOPHOMORE 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, INSTRUCTR 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, INSTRUCTR 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, INSTRUCTR PERMISSION
 NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8426005 ARRANGED, MAY 16-AUG 5

METEOROLOGY

IND STD INSTRUMENTN MTEOR 490D 1- 3 CR.
 PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
 NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 1010005 ARRANGED, MAY 16-AUG 5

COOPERATIVE EDUCATN MTEOR 498 R CR.
 PREREQ: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4824005 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

METEOROLOGY

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

MICROBIOLOGY

GENERAL MICROBIOLGY MICRO 201 2 CR.
 PREREQ: ONE SEMESTER OF COLLEGE-LEVEL BIOLOGY
 5305005 MTWR 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 ARRANGED, MAY 16-AUG 5

RESEARCH 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 ARRANGED MEYER H
 SECT 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 ARRANGED, MAY 16-AUG 5 MEYER H

INDEPENDENT STUDY M S 490 1 CR.
 PREREQ: 402, PERMISSION OF THE PROFESSOR OF M S
 9598005 ARRANGED, MAY 16-AUG 5 MEYER H

MOLECULAR CELLULAR DEV BIOLOGY

GRAD RESRCH ROTATN MCDB 697 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 7278005 ARRANGED
 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 MTWRF 9:50-11:50
 SECT A:JUNE 13-JULY 8
 5406010 B ARRANGED
 SECT 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
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL 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

APPL 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

APPL 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

APPL 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

SPCL 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

SPL 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

SPL PROB APPL 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

APPL 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

APPL 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
 ***** 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

APPL 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

APPL 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

INDEP STUDY EDUCATN 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

INDEP 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

IND STD 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

INDEP 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

IND STDY 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

IND STDY APPL MUSIC MUSIC 490F 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

INDEP STUDY HONORS MUSIC 490H VAR. CR.

PREREQ: INSTRUCTOR PERMISSION, HONORS PROG MEMBER
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

MUSIC

SPECIAL TOPICS EDUC MUSIC 590A VAR. CR.

PREREQ: INSTRUCTOR PERMISSN; DEPT CHAIR APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS THEORY MUSIC 590B VAR. CR.

PREREQ: INSTRUCTOR PERMISSN; DEPT CHAIR APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS COMPOSIT MUSIC 590C VAR. CR.

PREREQ: INSTRUCTOR PERMISSN; DEPT CHAIR APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LIT MUSIC 590E VAR. CR.

PREREQ: INSTRUCTOR PERMISSN; DEPT CHAIR APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC APPL MUSIC MUSIC 590F VAR. CR.

PREREQ: INSTRUCTOR PERMISSN; 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

IND STDY ANIMAL ECO NREM 490A 1- 4 CR.

PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISSN
A MAXIMUM OF 6 CREDITS OF A ECL 490/NREM 490
MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY NREM 490B 1- 4 CR.

PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISSN
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

INDEP STUDY HONORS NREM 490H 1- 4 CR.

PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISSN
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

INTERNATIONL TRAVEL NREM 496A 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
FIELD TRIPS & TRAVEL FEE \$0.00-\$20.00
2596500 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

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 MTWRF 9:50-11:50
 SECT A:MAY 16-JUNE 10
 5824010 B MTWRF 8:40-10:40
 SECT B:JULY 11-AUG 5

MORAL THEOR&PRCTICE PHIL 230 3 CR.
 5827005 A MTWRF 12:10-2:10
 SECT A:MAY 16-JUNE 10
 5827010 B MTWRF 8:40-10:40
 SECT B:JULY 11-AUG 5
 5827015 C MTWRF 9:50-11:10
 SECT C:MAY 16-JUNE 24
 5827020 D MTWRF 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 MTWRF 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

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5851005 ARRANGED, MAY 16-AUG 5

SPL TOP VALUE THRY PHIL 590C 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5852005 ARRANGED, MAY 16-AUG 5

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5853005 ARRANGED, MAY 16-AUG 5

PHYSICS**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
TWR 7:30-8:30
MW 9:50-12:00
SECT 1:JUNE 13-AUG 5

5857010 2 MTWR 12:10-1:10
TWR 7:30-8:30
MW 1:20-3:30
SECT 2:JUNE 13-AUG 5

5857015 3 MTWR 12:10-1:10
TWR 7:30-8:30
MW 3:40-5:50
SECT 3:JUNE 13-AUG 5

5857020 4 MTWR 12:10-1:10
TWR 8:40-9:40
MW 9:50-12:00
SECT 4:JUNE 13-AUG 5

5857025 5 MTWR 12:10-1:10
TWR 8:40-9:40
MW 1:20-3:30
SECT 5:JUNE 13-AUG 5

5857030 6 MTWR 12:10-1:10
TWR 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
MWF 8:40-9:40
R 7:30-9:40
SECT 1:JUNE 13-AUG 5

5861010 2 MTWRF 9:50-10:50
MWF 8:40-9:40
R 2:30-4:40
SECT 2:JUNE 13-AUG 5

5861015 3 MTWRF 9:50-10:50
MWF 7:30-8:30
R 12:10-2:20
SECT 3:JUNE 13-AUG 5

INTR CLASSC PHYS II PHYS 222 5 CR.

PREREQ: 221, MATH 166

IF A STUDENT ENROLLED IN 222 FOR SPRING 2005

REGISTERS FOR 222 FOR SUMMER 2005 BEFORE SPRING

2005

ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED

FROM THE STUDENT'S SCHEDULE

MATERIALS FEE \$15.75

5863005 1 MTWRF 11:00-12:00
WF 8:40-9:40
TR 12:10-2:20
SECT 1:JUNE 13-AUG 5

5863010 2 MTWRF 11:00-12:00
WF 9:50-10:50
TR 2:30-4:40
SECT 2:JUNE 13-AUG 5

5863015 3 MTWRF 11:00-12:00
WF 9:50-10:50
TR 8:40-10:50
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, PERMISSN 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:MAY 16-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&POLTCS POL S 235 3 CR.
 PREREQ: SOPHOMORE STANDING
 5715005 1A MTWRF 9:50-11:50
 SECT 1A:JUNE 13-JULY 8
 SECTION 1A RESTRICTED TO POL S

MAJORS ONLY
 5715010 1B MTWRF 9:50-11:50
 SECT 1B:JUNE 13-JULY 8
 SECTION 1B RESTRICTED TO MAJORS

OTHER THAN POL S

POLITICAL SCIENCE

INTR CMPAR GOVT&POL POL S 241 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5963005 1A MTWRF 2:30-4:30
 SECT 1A:MAY 16-JUNE 10
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY
 5963010 1B MTWRF 2:30-4:30
 SECT 1B:MAY 16-JUNE 10
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

INTRO INTERNATL POL POL S 251 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5964005 1A MTWRF 12:10-2:10
 SECT 1A:JUNE 13-JULY 8
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY
 5964010 1B MTWRF 12:10-2:10
 SECT 1B:JUNE 13-JULY 8
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

INTERNATL RELATIONS 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 MTWRF 9:50-11:50
 SECT 1A:MAY 16-27
 SECTION 1A RESTRICTED TO POL S MAJORS ONLY.
 WORLD WAR I.
 8813010 1B MTWRF 9:50-11:50
 SECT 1B:MAY 16-27
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S.

WORLD WAR I.
 8813015 2A MTWRF 9:50-11:50
 SECT 2A:MAY 31-JUNE 13
 SECTION 2A RESTRICTED TO POL S MAJORS ONLY.
 WORLD WAR II.
 8813020 2B MTWRF 9:50-11:50
 SECT 2B:MAY 31-JUNE 13
 SECTION 2B RESTRICTED TO MAJORS OTHER
 THAN POL S. WORLD WAR II.

PUBLIC POLICY POL S 344 3 CR.
 9243005 1A MTWRF 12:10-2:10
 SECT 1A:MAY 16-JUNE 10
 SECTION 1A RESTRICTED TO POL S MAJORS ONLY
 9243010 1B MTWRF 12:10-2:10
 SECT 1B:MAY 16-JUNE 10
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

POLIT COASTAL AREAS POL S 442X 3 CR.
 8488005 ARRANGED
 JUNE 6-JULY 15
 COURSE DELIVERY IS WWW

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

POLITICAL SCIENCE

IND STUDY THRY&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 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 PROG
 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

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

SPL 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 POLIT THEORY 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

SPL 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

SPL TOP INT'L RELAT 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

SPL TOP POL PARTIES 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

SPL TOP PUB POL&ADM POL S 590G 2- 5 CR.
 PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN PERMISSION OF INSTRUCTOR REQUIRED TO ADD FIRST 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

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 COLLEGE 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 ACCT, BUS
 S, BUS U, FIN, MGMT, MIS, MKT, POM, TRLOG

MAJORS ONLY
 5279010 A2 MTWRF 9:50-11:50
 SECT A2:JULY 11-AUG 5
 SECTION A2 FOR COLLEGES OTHER THAN

BUSINESS

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-JULY 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

SOCIAL PSYCHOLOGY PSYCH 280 3 CR.
 6075005 MTWRF 12:10-1:10
 MAY 16-JULY 8

RES DSGN & METHODOL PSYCH 301 3 CR.
 PREREQ: STAT 101; 1 COURSE IN PSYCHOLOGY
 COURSE RESTRICTED TO PSYCH MAJORS ONLY
 6076005 A MTWRF 1:20-3:20
 SECT A:MAY 16-JUNE 10

RESRCH METHODS PSYC PSYCH 302 3 CR.
 PREREQ: 301
 COURSE RESTRICTED TO PSYCH MAJORS ONLY
 1173005 A MTWRF 11:00-12:00
 SECT A:MAY 16-JULY 8

BRAIN & BEHAVIOR PSYCH 310 3 CR.
 PREREQ: 101; BIOL 109 OR 201 OR ZOOL 155
 1515005 MTWRF 9:50-10:50
 MAY 16-JULY 8

SENSATION &PERCEPTN PSYCH 312 3 CR.
 PREREQ: 101
 6079005 MTWRF 12:10-1:10
 MAY 16-JULY 8

MOTIVATION PSYCH 314 3 CR.
 PREREQ: 101
 6081005 1 MTWRF 8:40-9:40
 SECT 1:MAY 16-JULY 8

DRUGS & BEHAVIOR PSYCH 315 3 CR.
 PREREQ: 101; BIOL 109 OR 201 OR ZOOL 155
 6082005 MTWRF 1:20-2:20
 MAY 16-JULY 8

EDUCATIONAL PSYCHOL PSYCH 333 3 CR.
 PREREQ: C I 201, PSYCH 230 OR HD FS 102, APPLIC
 TO THE TEACHER EDUC PROGRAM OR MAJOR IN PSYCHOLOGY
 FOR SECED, PSYCH MAJORS ONLY
 4361005 MTWRF 2:30-4:30
 JUNE 13-JULY 8

PSYCHOLOGY OF WOMEN PSYCH 346 3 CR.
 PREREQ: 2 COURSES IN PSYCH INCLUDING 101
 MEETS U.S. DIVERSITY REQMT.
 6085005 MTWRF 12:10-1:10
 MAY 16-JULY 8

NORMAL PERSONALITY PSYCH 360 3 CR.
 PREREQ: 101
 6087005 MTWRF 9:50-11:50
 MAY 16-JUNE 10

EVOLUTIONARY PSYCH PSYCH 411X 3 CR.
 PREREQ: JUNIOR CLASSIFICATION; 3 COURSES IN
 PSYCH; BIOL 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8666005 MTWRF 9:50-11:50
 JULY 11-AUG 5

PSYCHOLOGY**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 TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP 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 TOWARD 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 TOWARD 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 TOWARD 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

SPL 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

PRACTICM COUNSELING PSYCH 691A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6159005 ARRANGED, MAY 16-AUG 5

PRACT GROUP COUNSEL PSYCH 691E VAR. CR.
 PREREQ: 626, 691A, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACT ADV COUNSELNG 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
 SECT A:MAY 16-JUNE 10
 6187010 B MTWRF 11:00-1:00
 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
 SECT A:JULY 11-AUG 5
 6188010 B MTWRF 11:00-1:00
 SECT B:MAY 16-JUNE 10
 6188015 C MTWRF 8:40-10:40
 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 TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP 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 TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RELIGIOUS STUDIES

PEACE&JUSTIC INTERN RELIG 499 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 3 CREDITS IN RELIGIOUS STUDIES,
 PERMISSION OF FACULTY INTERNSHIP COORDINATOR
 7740005 ARRANGED, MAY 16-AUG 5
 DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SPL TOP RELIG STUDI RELIG 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, 9 CR IN RELIG
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3617005 1 ARRANGED
 SECT 1:MAY 16-AUG 5

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:MAY 18-JULY 6
 NO MEETINGS MAY 28, JUNE 18,25, JULY

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:MAY 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 MTWRF 8:40-2:40
 SECT 1:MAY 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

RESEARCH & EVALUATION

RESEARCH RESEV 699 VAR. 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 MTWRF 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 MESROPOVA O
 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 MESROPOVA O
 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 DEPARTMENT 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 MTWRF 8:40-9:40
 SECT A:JUNE 13-AUG 5
 6346010 B MTWRF 9:50-11:50
 SECT B:MAY 16-JUNE 10
 6346015 C MTWRF 9:50-11:50
 SECT C:JUNE 13-JULY 8
 6346020 D MTWRF 9:50-11:50
 SECT D:JULY 11-AUG 5

INTIMATE RELATNSHIP SOC 219 3 CR.
 PREREQ: 130 OR 134
 6349005 A MTWRF 11:00-12:00
 SECT A:JUNE 13-AUG 5
 6349010 B MTWRF 9:50-11:50
 SECT B:MAY 16-JUNE 10

SOCIAL PROBLEMS SOC 235 3 CR.
 PREREQ: 130 OR 134
 MEETS U.S. DIVERSITY REQMT.
 6347005 A MTWRF 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 SOCIE 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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOCIOLOGY

CRIM &JUV JUST PRAC SOC 460 3-12 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JR/SR CLASSIFICATN; PERMISSN 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
 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.
 6370005 A ARRANGED
 SECT A:MAY 16-AUG 5

INDEP 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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND 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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP 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.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GEN SOC SOC 590A 1- 3 CR.
 PREREQ: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RURAL SOC SOC 590B 1- 3 CR.
 PREREQ: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RES GEN SOC SOC 599A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RES RURAL SOC 599B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH RURAL SOC SOC 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 1 MTWRF 8:40-12:00
 SECT 1:MAY 16-JUNE 10
 6473010 2 MTWRF 12:10-3:30
 SECT 2:MAY 16-JUNE 10

ELEM SPANISH II SPAN 102 4 CR.

PREREQ: 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

MEETS INTERNATIONAL PERSPECTIVES REQMT.

6474005 1 MTWRF 8:40-12:00
 SECT 1:JUNE 13-JULY 8
 6474010 2 MTWRF 12:10-3:30
 SECT 2:JUNE 13-JULY 8

INDEPENDENT STUDY SPAN 490 1- 6 CR.

PREREQ: 6 CR IN SPANISH; 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

SPL TOP LANG PEDAGY SPAN 590C 1- 4 CR.

PREREQ: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN
 3905090 MR ARRANGED
 SECT MR:MAY 16-AUG 5

SPECIAL EDUCATION

INDEPENDENT STUDY SP ED 490 1- 5 CR.

PREREQ: 12 CR IN EL ED, PERMISSION OF DEPT HEAD
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

TCHNG STDTS DISABIL SP ED 501X 3 CR.

8503005 F 6:00-9:00PM
 S 8:00-4:00
 MAY 13-JUNE 11
 MEETINGS ON MAY 13-14,20-21 JUNE 3-4,10-11

INTRO BEHAV DISORDR SP ED 503 1 CR.

PREREQ: TEACHING LICENSE; TAKEN CONCURRENTLY
 WITH 504 AND 505

6463005 1 MTWRF 11:00-1:10
 SECT 1:JUNE 13-JULY 8

INTRO LEARN DISABIL SP ED 504 1 CR.

PREREQ: TEACHING LICENSE; TAKEN CONCURRENTLY
 WITH 503 AND 505

6467005 1 MTWRF 11:00-1:10
 SECT 1:JUNE 13-JULY 8

INTR MULTICAT INSTR SP ED 505 1 CR.

PREREQ: TEACHING LICENSE; TAKEN CONCURRENTLY
 WITH 503, 504

4157005 1 MTWRF 11:00-1:10
 SECT 1:JUNE 13-JULY 8

SPECIAL EDUCATION

SEM:ED INTRV DISABL SP ED 517 2 CR.

PREREQ: 512 OR 531 OR 541, 515
 3169005 MTWRF 11:00-12:40
 JULY 11-AUG 5

METH TCHG MULTICATG SP ED 531 2 CR.

PREREQ: 505; CONCURRENT ENROLLMENT IN 532 OR 533
 8148005 MTWR 1:20-3:50
 JULY 11-AUG 5

MULTICAT STRAT ELEM SP ED 532 1 CR.

PREREQ: CONCURRENT ENROLLMENT IN 531
 8497005 MTWR 1:20-3:50
 JULY 11-AUG 5

MULTICAT STRAT SECD SP ED 533 1 CR.

PREREQ: CONCURRENT ENROLLMENT IN 531
 8499005 MTWR 1:20-3:50
 JULY 11-AUG 5

RDNG MLD-DISAB ADOL SP ED 553 3 CR.

PREREQ: TEACHING LICENSE
 7663005 1 TRF 7:30-10:50
 SECT 1:JULY 11-AUG 5

CONSULT/COLLAB METH SP ED 564 2 CR.

PREREQ: TEACHING LICENSE
 7370005 MTWRF 1:20-4:00
 JUNE 13-24

ROLE OF CONSULTANT SP ED 565 1 CR.

PREREQ: 564
 4102005 ARRANGED, JUNE 13-24

SPECIAL TOPICS SP ED 590 1- 5 CR.

PREREQ: 15 CRS IN EDUC; PERMISSION OF DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP MLD BEHV,EL SP ED 591C 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

FLD EXP MLD BEH,SEC SP ED 591D 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

FLD EXP SEV BEHV,EL SP ED 591E 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

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 MULTICT 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 MTWRF 7:30-9:40
 JUNE 13-JULY 8

FUND PUBLIC SPEAKNG SP CM 212 3 CR.
 LECTURE AND DISCUSSION FOR SECTIONS 1-10 MEET ON
 ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE
 8643010 1 MTWRF 7:30-9:40
 MTWRF 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 MTWRF 7:30-9:40
 MTWRF 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 MTWRF 9:50-12:00
 MTWRF 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 MTWRF 9:50-12:00
 MTWRF 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>

SPEECH COMMUNICATION

FUND PUBLIC SPEAKNG SP CM 212 3 CR.
 8643030 5 MTWRF 9:50-12:00
 MTWRF 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 MTWRF 12:10-2:20
 MTWRF 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 MTWRF 9:50-12:00
 MTWRF 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 MTWRF 9:50-12:00
 MTWRF 9:50-12:00
 SECT 8:MAY 16-JUNE 10
 SEC 8 IS A CROSS-CULTURAL SECTION.
 INTERNATIONAL
 STUDENTS ONLY. MEETS JOINTLY WITH SECTION 7.
 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>
 8643065 9 MTWRF 12:10-2:20
 MTWRF 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.
 ON MAY 16 ATTEND
 ONLY THE 9:50 A.M. LECTURE.
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643070 10 MTWRF 12:10-2:20
 MTWRF 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 MWF 7:30-9:20
 SECT 11:JUNE 13-AUG 5
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643080 12 MWF 8:40-10:30
 SECT 12:JUNE 13-AUG 5
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643085 13 MWF 8:40-10:30
 SECT 13:JUNE 13-AUG 5
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643090 14 MWF 9:50-11:40
 SECT 14:JUNE 13-AUG 5
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643095 15 MTWRF 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; PERMISSN 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMANTICS SP CM 305 3 CR.
 PREREQ: ENGL 105
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6427005 A MTWRF 12:10-2:20
 SECT A:MAY 16-JUNE 10

BUSINESS&PRO SPEAKG SP CM 312 3 CR.
 PREREQ: 212
 6429005 1 MTWRF 9:50-12:00
 SECT 1:JUNE 13-JULY 8

GENDER & COMMUNICTN SP CM 323 3 CR.
 PREREQ: 212
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2640005 A MTWRF 9:50-12:00
 SECT A:MAY 16-JUNE 10

PERSUASION SP CM 327 3 CR.
 PREREQ: 212
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6437005 MTWRF 8:40-10:40
 MAY 16-JUNE 10

INDEPENDENT STUDY SP CM 490 1- 3 CR.
 PREREQ: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATN,
 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNIC 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS SP CM 590 1- 4 CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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
 6502005 A MTWRF 8:40-9:40
 MR 9:50-11:50
 SECT A:MAY 16-JULY 8

STATISTICS

PRIN OF STATISTICS STAT 101 4 CR.
 6502010 B MTWRF 8:40-9:40
 MR 12:10-2:10
 SECT B:MAY 16-JULY 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
 6503005 A MWF 8:40-9:40
 TF 1:20-3:20
 SECT A:JUNE 13-AUG 5

INTR BUSINES STAT I STAT 226 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 MTWRF 8:40-9:40
 SECT A:MAY 16-JULY 8
 3975010 B MTWRF 8:40-9:40
 SECT B:MAY 16-JULY 8

ENGINEERING STAT STAT 305 3 CR.
 PREREQ: MATH 165 (OR 165H)
 CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 6509005 A MTWRF 9:50-10:50
 SECT A:MAY 16-JULY 8
 INSTRUCTOR PERMISSION REQUIRED 1ST
 WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

APPL 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
 3978005 S S 8:30-12:00
 S 1:00-4:30
 SECT S:MAY 7-JUNE 18

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 MTWRF 8:40-9:40
 MR 1:20-3:20
 SECT A:JUNE 13-AUG 5
 SECTION A FOR SOCIAL SCIENCES
 6514010 B MTWRF 8:40-9:40
 TF 12:10-2:10
 SECT B:MAY 16-JULY 8
 SEC B FOR BIOLOGICAL AND PHYSICAL
 SCIENCES

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 PERMISSN
 ***** 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

WORLD FOOD ISSUES T SC 342 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5256005 MTWRF 8:40-10:50
 MAY 16-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

TECHNOLOGY & SOCIAL CHANGE

INDEPENDENT STUDY T SC 490 VAR. CR.
 PREREQ: 341, PERMISSION OF INSTRUCTR & 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, PERMISSN 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 CLASSIF, PERMSN 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 CLASSIFICATN
 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 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 CLASSIFICATN
 1003005 ARRANGED, MAY 16-AUG 5

UNDERGRAD RESEARCH T C 499 1- 3 CR.
 PREREQ: SENIOR CLASSIFICATN, 15 CREDITS IN T C,
 PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIGITL 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
 MTWRF 1:00-5:00
 MAY 9-20

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 SOC-PSY ASP T C 590F VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MERCHANDSNG T C 590I 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 590O 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, PERMISSN
 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 CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE

INDEPENDENT STUDY THTRE 490 1- 3 CR.
 PREREQ: 9 CREDITS IN THEATRE, APPROVED WRITTEN
 PROPOSAL, JUNIOR CLASSIFICATION
 NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE
 APPLIED TOWARD GRADUATION
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** 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.
 PREREQ: PERMISSION OF INSTRUCTOR
 7126005 ARRANGED, MAY 16-AUG 5

CLIN &DIAGNOS TOXIC TOX 546 1- 3 CR.
 PREREQ: DVM DEGREE OR VDPAM 526
 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:MAY 16-JUNE 10
 SECTION A1 RESTRICTED TO ACCT, BUS S,
 BUS U,

FIN, MGMT, MIS, MKT, POM, TRLOG
 MAJORS ONLY
 6788010 A2 MTWRF 9:50-11:50
 SECT A2:MAY 16-JUNE 10
 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 PERMISSN
 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 INSTR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNIVERSITY STUDIES

ACADEMC 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 REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6805005 MTWRF 8:40-10:50
 MAY 16-JUNE 10

VET DIAGNOSTIC & PRODUCTION AN MED

INT FOOD ANIML CLIN VDPAM 311X 1 CR.
 PREREQ: VETERINARY MEDICINE CLASSIFICATION. MUST
 BE VACCINATED FOR RABIES.
 6011005 ARRANGED KERSTING K

PRODUCTN 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: 4TH-YEAR CLASSIFICATION IN VET MED
 9072005 ARRANGED APLEY M

DAIRY HERD PROBL ID VDPAM 437 2 CR.
 PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
 6425005 ARRANGED APLEY M

MILK QUALTY&MASTITIS VDPAM 438 2 CR.
 PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
 6861005 ARRANGED APLEY M

NUTR DAIRY PROD MED VDPAM 439 2 CR.
 PREREQ: 4TH-YEAR CLASSIFICATON IN VET MED
 6422005 ARRANGED APLEY M

FOOD ANIM MED &SURG VDPAM 477 VAR. 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: 4TH-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 MD 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 VET MED
 5609005 MTWRF 8:00-12:00 TIMMS L
 MTWRF 2:00-5:00

DAIRY PROD MD 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 MICROBIO LAB VDPAM 488 1 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6950005 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 TECHNIQS VDPAM 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7389005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JUNE 13-28

INTR PROTEIN TECHNQ VDPAM 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7391005 MTRF 1:00-2:00
 MTRF 2:00-4:00
 JULY 7-22

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CR.
 PREREQ: DVM DEGREE OR 526
 7676005 ARRANGED OSWEILER G
 MAY 16-JULY 8

POSTMORTEM DIAG LAB VDPAM 551 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 455
 4233005 ARRANGED, MAY 16-AUG 5 HALBUR P

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 DIAGNOSTC 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 MTWRF 8:00-12:00
 MTWRF 1:00-5:00

CLINICL DERMATOLOGY V C S 452 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 SMALL ANIMAL OPTION
 1931005 MTWRF 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 MTWRFS 8:00-5:00

SMALL ANIMAL MED II V C S 454 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6890005 MTWRFS 8:00-5:00

SM AN SOFT TISS SUR V C S 455 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6891005 MTWRFS 8:00-5:00

SM AN ORTHOPED SURG V C S 456 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6892005 MTWRFS 8:00-5:00

EQUINE MEDICINE V C S 457 4 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6893005 MTWRFS 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 MTWRFS 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: OMAHA
 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
 6896005 MTWRFS 8:00-5:00

COMMUNITY PRACTICE V C S 463 2 CR.
 PREREQ: FOURTH YEAR CLASSIFICATION IN VET MED
 2322005 MTWRFS 8:00-5:00

EQUINE FIELD SERVIC 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 MTWRFS 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 MTWRFS 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 SURGRY III V C S 4830 2 CR.
 PREREQ: VM4 CLASSIFICATION AND V C S 473
 2972005 ARRANGED

SML ANIM SURGRY 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 TOPIC 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 CLINICAL SCIENCES

SPL TOP ANESTHESIOLOG V C S 590E 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 V C S 599 VAR. CR.
 PREREQ: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
 6920005 ARRANGED, MAY 16-AUG 5

RESEARCH MEDICINE V C S 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SURGERY V C S 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH THERIOGENOLGY V C S 699C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH ANESTHESIOLOGY V C S 699E VAR. CR.
 ***** 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 BE ARRANGED UHLENHOPP E
 SECT BE: MAY 18-JULY 29
 SEC SP TAUGHT IN BELGIUM. 'VETERINARY
 MEDICAL CLINICAL TRAINING IN BELGIUM' STUDY
 ABROAD EXPERIENCE. OFFERED FOR 6 CREDITS.
 7266100 SP ARRANGED UHLENHOPP E
 SECT SP: MAY 18-JULY 29
 SEC SP TAUGHT IN SPAIN. 'VETERINARY
 MEDICAL CLINICAL TRAINING IN SPAIN' STUDY
 ABROAD EXPERIENCE. OFFERED FOR 6 CREDITS.

VETERINARY MICROBIOLOGY & PREV MED

PUBLIC HEALTH LAB V MPM 486 1 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6951005 MTWRF 8:00-12:00
 MTWRF 2:00-5:00

INDEPENDENT STUDY V MPM 490 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ZOO PRECEPTORSHIP V MPM 494 1- 8 CR.
 PREREQ: FOURTH YEAR CLASSIFICATION IN V 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
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 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

VETERINARY PATHOLOGY

SPL TOP VET PARASIT V PTH 590B 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP VET CLIN PTH V PTH 590D 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PATHOL V PTH 599A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PARASI V PTH 599B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP V CLIN PTH V PTH 599D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURR TOPICS SEMINAR V PTH 605 1 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CR.
 7029005 ARRANGED, MAY 16-AUG 5 ACKERMANN M

DIAG INTERP V PARAS V PTH 606B R CR.
 7030005 ARRANGED, MAY 16-AUG 5 JARVINEN J

DIAG INTERP CLINPTH V PTH 606D R CR.
 9694005 ARRANGED, MAY 16-AUG 5 ANDREASEN C

VET PATHOLOGY RSRCH V PTH 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET PARASITOLGY RES V PTH 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET CLIN PATH RSRCH V PTH 699D VAR. CR.
 ***** 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 A 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
 SECT A:MAY 16-JUNE 10
 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.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

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
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS W S 590 VAR. CR.
 PREREQ: PERMISN OF WOMEN'S STUDIES PROG DIRECTOR
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ZOOLOGY

BRAIN & BEHAVIOR ZOOLOGY 310 3 CR.
 PREREQ: PSYCH 101; BIOL 109 OR 201 OR ZOOLOGY 155;
 CHEM 163
 1520005 MTWRF 9:50-10:50
 MAY 16-JULY 8

ECOLOGY ZOOLOGY 312I 4 CR.
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 3719005 MTWRF 8:00-5:00
 MAY 22-JUNE 17

ZOOLOGY

UG INDEP STDY IA LL ZOOLOGY 490I 1- 4 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND
 PERMISSION OF INSTRUCTOR
 AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CREDITS
 OF ZOOLOGY 490 TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED
 FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY USE
 NO MORE THAN 9 CREDITS OF ZOOLOGY 490 TOWARD
 GRADUATION.
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 4019005 ARRANGED

INDEP STDY RESEARCH ZOOLOGY 490R 1- 5 CR.
 PREREQ: 15 CR IN ZOOLOGY SCIENCES; INSTR PERMISSION
 AG COLLEGE MAJORS MAY APPLY NO MORE THAN
 6 CREDITS OF ZOOLOGY 490 TOWARD THE TOTAL OF 128
 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS
 COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF ZOOLOGY 490 TOWARD
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRO DNA TECHNIQS ZOOLOGY 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 ZOOLOGY 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 ZOOLOGY 590 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRAD IND STDY IA LL ZOOLOGY 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 ZOOLOGY 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - IA LL ZOOLOGY 699I 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 PERMISSION REQUIRED - TO REGISTER, CONTACT
 IOWA LAKESIDE LAB OFFICE, 131 BESSEY
 3968005 ARRANGED